

COMMONWEALTH OF AUSTRALIA
DEPARTMENT OF EXTERNAL AFFAIRS

AUSTRALIAN NATIONAL ANTARCTIC RESEARCH EXPEDITIONS



A.N.A.R.E. REPORTS

SERIES D

METEOROLOGY

VOLUME III

Heard And Macquarie Islands, 1950

Prepared By

THE CENTRAL OFFICE, METEOROLOGICAL BRANCH, MELBOURNE

ISSUED BY THE ANTARCTIC DIVISION, DEPARTMENT OF EXTERNAL AFFAIRS, MELBOURNE
JULY 1953

A.N.A.R.E. REPORTS

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METEOROLOGY

VOLUME III

E R R A T A

Page 42. The maximum gust on 25 23 is 29 40.

Page 69. The amount of sunshine on 1 23 is 058
" " " " " 2 23 is 050
" " " " " 3 23 " 011
" " " " " 4 23 " 022
" " " " " 5 23 " 010
" " " " " 6 23 " 000
" " " " " 7 23 " 012
" " " " " 8 23 " 000
" " " " " 9 23 " 034
" " " " " 10 23 " 003

Page 70. " " " " " 11 23 " 003
" " " " " 12 23 " 000

Page 76. The Anemometer reading on 09 22 should be 430
" " " " " 10 22 " " 614

" 77. " " " " " 11 22 is 676
" " " " " 12 22 " 316

" 80. " " " " " 11 22 should be 560
" " " " " 12 22 " " 746
" " " " " 13 22 " " 489
" " " " " 14 22 " " 383

Page 99. The maximum gust on 22 22 is 29 26
" " The amount of sunshine on 22 22 is 000.

Page 108. The 900 mb. temperature on August 18th should be 5060

Page 110. " " " " October 30th " " 5060

P R E F A T O R Y N O T E

The 1948 volume of this series included a discussion of results of observations with a description of the meteorological stations at Heard & Macquarie Islands, a review of modern methods of synoptic analysis applicable to the Southern Ocean and analysed weather charts for June and December, 1948.

Volumes covering the years 1949-51 inclusive will contain only results of observations. When five complete years of results are available it is proposed to make these the basis of a further discussion of the meteorology of the sub-antarctic region.

As in 1948 the meteorological work was carried out by Officers of the Meteorological Branch of the Department of the Interior.

C O N T E N T S

	<u>Page</u>
Introduction	(i) - (xiv)
<u>VALUES OF PRESSURE, TEMPERATURE, PRECIPITATION AND WIND FOR MONTHS AND YEAR 1950.</u>	
Table 1.	- Heard Island 1
Table 2.	- Macquarie Island 1
<u>FREQUENCY ANALYSES</u>	
Table 3. Station Level Pressure	- Heard Island 2
Table 4. Station Level Pressure	- Macquarie Island 2
Table 5. Screen Temperature	- Heard Island 3
Table 6. Screen Temperature	- Macquarie Island 3
Table 7. Extreme Screen Temperature	- Heard & Macquarie Islands 4
Table 8. Temperature V Dew Point Depression	- Heard Island 5
Table 9. Temperature V Dew Point Depression	- Macquarie Island 5
Table 10. Surface Wind Direction	- Heard Island 6
Table 11. Surface Wind Direction	- Macquarie Island 6
Table 12. Surface Wind Speed	- Heard Island 7
Table 13. Surface Wind Speed	- Macquarie Island 7
Table 14. Speed of Maximum Daily Gust of Surface Wind	- Heard Island 8
Table 15. Speed of Maximum Daily Gust of Surface Wind	- Macquarie Island 8
Table 16. Daily Precipitation	- Heard Island 9
Table 17. Daily Precipitation	- Macquarie Island 9
Table 18. Daily Sunshine Duration	- Heard Island 10
Table 19. Daily Sunshine Duration	- Macquarie Island 10
Table 20. Temperature at 850 mb.	- Heard Island 11
Table 21. Temperature at 850 mb.	- Macquarie Island 11
Table 22. Temperature at 700 mb.	- Heard Island 11
Table 23. Temperature at 700 mb.	- Macquarie Island 11
Table 24. Temperature at 500 mb.	- Heard Island 12
Table 25. Temperature at 500 mb.	- Macquarie Island 12

	<u>Page</u>
Table 26. Temperature at 300 mb.	- Heard Island 12
Table 27. Temperature at 300 mb.	- Macquarie Island 12
Table 28. Temperature at 200 mb.	- Heard Island 13
Table 29. Temperature at 200 mb.	- Macquarie Island 13
Table 30. Temperature at 100 mb.	- Heard Island 13
Table 31. Temperature at 100 mb.	- Macquarie Island 13
Table 32. Temperature at Tropopause	- Heard Island 14
Table 33. Temperature at Tropopause	- Macquarie Island 14
Table 34. Pressure at Tropopause	- Heard Island 14
Table 35. Pressure at Tropopause	- Macquarie Island 14
Table 36. Geopotential of Tropopause	- Heard Island 15
Table 37. Geopotential of Tropopause	- Macquarie Island 15

SURFACE OBSERVATIONS

<u>HEARD ISLAND</u> -	January	16 - 18
	February	19 - 21
	March	22 - 25
	April	26 - 28
	May	29 - 32
	June	33 - 35
	July	36 - 39
	August	40 - 43
	September	44 - 46
	October	47 - 50
	November	51 - 53
	December	54 - 57
<u>MACQUARIE ISLAND</u> -	January	58 - 61
	February	62 - 64
	March	65 - 68
	April	69 - 71
	May	72 - 75
	June	76 - 78
	July	79 - 82

	<u>Page</u>
<u>MACQUARIE ISLAND -</u>	
August	83 - 86
September	87 - 89
October	90 - 93
November	99 - 96
December	97 - 100
<u>RADIOSONDE OBSERVATIONS</u>	
<u>Standard Levels</u>	
<u>HEARD ISLAND -</u>	
January	101
February	102
March	103
April	104
May	105
June	106
July	107
August	108
September	109
October	110
November	111
December	112
<u>Tropopause</u>	
January to December	113
<u>MACQUARIE ISLAND -</u>	
<u>Standard Levels</u>	
January	114
February	115
March	116
April	117
May	118
June	119
July	120
August	121
September	122

	<u>Page</u>
<u>MACQUARIE ISLAND -</u>	
<u>Standard Levels</u>	
October	123
November	124
December	125
<u>Tropopause</u>	
January to December	126
<u>PILOT BALLOON OBSERVATIONS</u>	
<u>HEARD ISLAND -</u>	
<u>SURFACE TO 1800 METRES</u>	
January	127
February	127
March	127 - 128
April	128
May	128 - 129
June	129
July	129 - 130
August	130 - 131
September	131
October	131 - 132
November	132 - 133
December	133 - 134
<u>ABOVE 1800 METRES</u>	
January to December	135
<u>MACQUARIE ISLAND -</u>	
<u>SURFACE TO 1800 METRES</u>	
January	136
February	136
March	136 - 137
April	137
May	137
June	137 - 138
July	138

MACQUARIE ISLAND -

	<u>Page</u>
August	
September	138 - 139
October	139
November	139 - 140
December	140 - 141
<u>ABOVE 1800 METRES</u>	141
January to December	142

INTRODUCTION

1. The present volume contains all surface meteorological observations, radiosonde and pilot balloon observations, and frequency analyses of both surface and upper air data.

2. The observations at Heard Island were carried out by -

J.W.P. McCarthy (Meteorologist)

R.G. Bruer (Observer)

P.S. Marron (Observer)

J.E. Walsh (Observer)

and at Macquarie Island by -

J.G. Windsor* (Meteorologist)

T.R. Boyd (Observer)

S.T. Dawson (Observer)

R.J. Frost (Observer)

Surface Observations:

3.1. Surface observations were taken at three hourly intervals daily from 0000 to 2100 G.M.T.

3.2. Observations of visibility, present weather, past weather, cloud types and height of base of low cloud are entered as code figures in accordance with the International Code 1947 as set out in O.M.I. Publication No. 9 Fascicule I, 1949 Edition. These codes are also reproduced in this volume p.p. (vii) to (xiv) for reference.

3.3. Station level pressure is listed in millibars and tenths of millibars, the thousand figure being omitted.

3.4. The dry bulb, wet bulb, and dew point temperatures are listed to the nearest whole degree fahrenheit, 0.5 degree being listed to the odd whole degree.

* Died from illness at the Island 5/1/51.

- 3.5. The surface wind direction is listed in tens of degrees, and the speed in knots.
- 3.6. Visibility is listed according to the code on page (vii).
- 3.7. Cloud amounts are listed in oktas.
- 3.8. Present weather is listed according to the code reproduced on pages (vii) to (xi).
- 3.9. Past weather is listed according to the code on page (xi).
- 3.10. Cloud types are listed according to the codes on pages (xi) to (xiv).
- 3.11. Height of base of low cloud is listed according to the code on page (xiv).
- 3.12. Direction of movement of cloud is listed to eight points of the compass, i.e., NE = 1, N = 8, No cloud = 0, Unknown = 9.
- 3.13. The maximum and minimum temperatures are listed to the nearest whole degree, 0.5 degree being listed to the odd whole degree.
The temperature extremes were taken for the period of the local day (0000 to 2400 hours L.S.T.).
- 3.14. Precipitation is listed in points (hundredths of an inch) for the twenty four hour period ending at 0800 hours L.S.T. at Heard Island and at 1000 hours L.S.T. at Macquarie Island.
- 3.15. The anemometer run (number of wind miles) is listed in statute miles for the same twenty four hour periods as precipitation.
- 3.16. The direction of the maximum gust during the period of the local day is listed in tens of degrees, and the speed in knots.
- 3.17. The sunshine is listed in tenths of hours.
- 3.18. All extreme values and totals for the above twenty four hour periods are listed with the last observation of the local day, the 2300 hours L.S.T. (1800 hours G.M.T.) at Heard Island and the 2200 hours L.S.T. (1200 hours G.M.T.) at Macquarie Island.

4.

Radiosonde data:

- 4.1. Radiosonde ascents were made at both Islands at between 0800 and 0900 hours G.M.T.
- 4.2. Pressure is listed in whole millibars excluding the thousand figure when 1000 mbs. or above.
- 4.3. Temperature is listed in tenths of degrees centigrade. Negative temperatures are indicated by the figure 5 up to the 700 mb level, after which all temperatures are negative.
- 4.4. The mixing ratio is listed up to the 400 mb level in grams and tenths per kilogram.
- 4.5. Geopotential is listed in tens of geopotential metres, and if negative at the 1000 mb level, 5000 geopotential metres are added to the height, disregarding the negative sign. The thousands figure is omitted for values above 300 mb.
- 4.6. The type of tropopause is identified by the following :
Type I - The stratosphere commences with an inversion;
the tropopause is the inversion point.
Type 2 - The stratosphere begins with an abrupt transition
to a lapse rate below 2°C per kilometre without
inversion; the tropopause is the point of abrupt
transition.
Type 3 - No abrupt change in lapse rate; the tropopause is
taken as the point where the mean lapse rate for the
kilometre next above is 2°C or less, provided that
it does not exceed 2°C for any subsequent kilometre.

5.

Upper Wind Observations:

- 5.1. Time of commencement of upper wind observations is listed in G.M.T.
- 5.2. Observations are based on an assumed rate of ascent.
Directions and speed are listed for each level.
- 5.3. Wind direction is listed in tens of degrees.
- 5.4. Wind speed is listed in knots.

6. Frequency analyses were made from cards punched at island stations using a Hollerith tabulator.

7. The significance of the monthly values and frequency analyses is discussed in Section 1 (c), Volume 1.

8. The punched cards containing these data are held by the Meteorological Branch and requests for reproduction of these cards or further analyses of the data should be addressed to -

The Director,
Meteorological Branch,
Box 1289K, P.O.,
Melbourne,
Victoria,
AUSTRALIA.

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INSTRUMENTS AND OBSERVATIONAL METHODS

Atmospheric Pressure. Two mercurial barometers of Kew pattern were mounted adjacent to each other in the meteorological building and one was used as a station barometer. As a routine check of this instrument, simultaneous readings of the two barometers were compared at regular intervals. A continuous record of station level pressure was obtained from a weekly barograph.

Temperature. Dry and wet bulb and 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.

Humidity. Relative humidity and dewpoint were obtained from dry and wet bulb thermometer readings. When wet bulb temperatures were below freezing point, the wet bulb muslin was moistened with water before the synoptic hour so that a thin film of ice coated the wet bulb when the reading was taken. Continuous records of relative humidity were given by a daily hygrograph exposed in the Stevenson screen.

Wind. Continuous records of wind speed and direction were obtained from a Dines Anemograph, the vane of which was 10 metres above the station buildings (i.e. about 13 metres above the ground).

Precipitation. Precipitation was measured by a rain gauge and a snow gauge. A continuous record of precipitation was obtained from a Casella daily pluviograph equipped with a small heating element to prevent interruption of the record during freezing conditions.

Sunshine. The duration of sunshine was measured by a Campbell-Stokes recorder.

Upper Air Observations. Radiosonde ascents were made daily between 0800 and 0900 hours G.M.T. using a Friez type transmitter which was carried aloft by a 350-gram balloon inflated to give a rate of ascent of approximately 300 meters per minute. In strong winds an extra free lift was required to ensure that the radiosonde would clear all obstructions. Base line checks were carried out in a Stevenson screen which was aspirated with an electric fan. A pilot balloon ascent was scheduled for every six hours from 0500 hours G.M.T.; but, owing to the high incidence of low cloud and precipitation, ascents were irregular.

Further details are published in Volume I Part 1 (c) page 14).

CODE FOR VISIBILITY

<u>Code figure</u>	<u>Metres</u>	<u>Kilometer</u>
90	less than	50
91		50
92		200
93		500
94	1000	1
95	2000	2
96	4000	4
97		10
98		20
99		50 or more

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CODE FOR PRESENT WEATHER

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

- 11 Patches of } shallow fog at the station, whether on land
 12 More or less } or sea, not deeper than about 2 metres on land
 continuous } 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) }
 22 Snow }
 23 Rain and snow }
 24 Freezing drizzle or freezing rain }
 25 Shower (s) of rain }
 26 Shower (s) of snow, or of rain and snow }
 27 Shower (s) of hail, or of hail and rain }
 28 Fog }
 29 Thunderstorm (with or without precipitation) }
 30 Slight or moderate }
 - has decreased
 during the preceding
 hour.
 31 Duststorm or sandstorm }
 - no appreciable change
 during the preceding
 hour.
 32 }
 - has increased during
 the preceding hour.
 33 Severe duststorm or }
 - has decreased during
 the preceding hour.
 34 sandstorm }
 - no appreciable change
 during the preceding
 hour.
 35 }
 - has increased during
 the preceding hour.

36	Slight or moderate drifting snow	}	generally low
37	Heavy drifting snow		
38	Slight or moderate drifting snow	}	generally high
39	Heavy drifting snow		
40	Fog at a distance at the time of observation, but not at the station during the last hour, the fog extending to a level above that of the observer.		
41	Fog in patches		
42	Fog, sky discernible	}	has become thinner during the preceding hour.
43	Fog, sky not discernible		
44	Fog, sky discernible	}	no appreciable change during preceding hour.
45	Fog, sky not discernible		
46	Fog, sky discernible	}	has begun or has become thicker during the preceding hour.
47	Fog, sky not discernible		
48	Fog, depositing rime, sky discernible.		
49	Fog, depositing rime, sky not discernible.		
50	Drizzle, not freezing, intermittent	}	slight at time of observation.
51	Drizzle, not freezing, continuous		
52	Drizzle, not freezing, intermittent	}	moderate at time of observation.
53	Drizzle, not freezing, continuous		
54	Drizzle, not freezing, intermittent	}	thick at time of observation.
55	Drizzle, not freezing, continuous		
56	Drizzle, freezing, slight		
57	Drizzle, freezing, moderate or thick		
58	Drizzle and rain, slight		
59	Drizzle and rain, moderate or heavy		
60	Rain, not freezing, intermittent	}	slight at time of observation.
61	Rain, not freezing, continuous		
62	Rain, not freezing, intermittent	}	moderate at time of observation.
63	Rain, not freezing, continuous		

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

(x)

- | | | | |
|----|---|---|--|
| 95 | Thunderstorm, slight or moderate, without hail
but with rain and/or snow at time of
observation | } | Thunderstorm
at time of
observation. |
| 96 | Thunderstorm, slight or moderate, with hail at
time of observation | | |
| 97 | Thunderstorm, heavy, without hail, but with
rain and/or snow at time of observation. | | |
| 98 | Thunderstorm combined with duststorm or sand-
storm at time of observation. | } | Thunderstorm
at time of
observation. |
| 99 | Thunderstorm, heavy, with hail at time of
observation. | | |

----oo----

CODE FOR PAST WEATHER

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

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CODES FOR CLOUD TYPES

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

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

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

- 4 Stratocumulus formed by the spreading out of Cumulus; Cumulus also often present.
(NOTE: Since the spreading out of the scattered parcels of air that have been warmed by the surface may take place, as in Sc vesp., as soon as the condensation level is reached, observers should be warned that, though Cu may normally have been seen earlier, the formation of a particular piece of Sc vesp. may not come from a Cu).
- 5 Stratocumulus not formed by the spreading out of Cumulus.
- 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, 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.

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

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

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

- 0 No Cirrus, Cirrocumulus, or Cirrostratus clouds.
- 1 Filaments or strands of Cirrus, scattered and not increasing (often "Mares' Tails").
- 2 Dense Cirrus in patches or twisted sheaves usually not increasing; possibly but not certainly the remains of the upper part of Cumulonimbus.
- 3 Cirrus, often anvil-shaped; either the remains of the upper portions of Cumulonimbus or part of a distant Cumulonimbus the rest of which is not visible. (If there is doubt as to the Cumulonimbus origin or association, Code C_H = 2 should be used.)
- 4 Cirrus (often hook-shaped) gradually spreading over the sky and usually thickening as a whole.
- 5 Cirrus and Cirrostratus, often in bands converging toward the horizon; or Cirrostratus alone; in either case gradually spreading over the sky and usually thickening as a whole, but the continuous layer not reaching 45° altitude.

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

- 6 Cirrus and Cirrostratus, often in bands converging toward the horizon; or Cirrostratus alone; in either case gradually spreading over the sky and usually thickening as a whole and the continuous layer exceeding 45° altitude.
- 7 Cirrostratus covering the whole sky.
- 8 Cirrostratus not increasing and not covering the whole sky; Cirrus and Cirrocumulus may be present.
- 9 Cirrocumulus alone or Cirrocumulus with some Cirrus or Cirrostratus, but the Cirrocumulus being the main cirriform cloud present. (Cirrocumulus may be present in $C_H = 1$ to $C_H = 8$.)
- Blank Clouds of genera C_H non visible owing to darkness, fog, sandstorm or other analogous phenomena or owing to the existence of a complete layer of lower cloud.

CODE FOR HEIGHT, ABOVE GROUND,

OF BASE OF CLOUD.

Code Figure

0	0 to 50 m
1	50 to 100 m
2	100 to 200 m
3	200 to 300 m
4	300 to 600 m
5	600 to 1,000 m
6	1,000 to 1,500 m
7	1,500 to 2,000 m
8	2,000 to 2,500 m
9	No clouds

VALUES OF PRESSURE, TEMPERATURE, PRECIPITATION AND WIND FOR
MONTHS AND YEAR 1950.

TABLE 1 - HEARD ISLAND
 (Station 15.5 feet above M.S.L. Lat. 53° S, Long. 73° E).

Month	Mean Pressure (mb) Station Level	Temperature °F						Precipitation		Mean Wind Speed knots	
		Mean			Extreme			Total Points	No. of Days		
		Dry Bulb	Dew Point	Max	Min	Max	Min				
Jan	993.7	37.6	33.9	41.0	34.1	44.6	32.2	617	26	12.8	
Feb	995.8	37.6	33.1	40.4	34.3	46.1	30.5	596	23	15.0	
Mar	995.0	36.0	32.7	38.6	33.1	50.7	29.6	519	28	15.4	
Apr	1000.7	35.1	31.0	37.3	33.1	43.0	30.0	568	27	15.4	
May	994.7	33.9	29.5	36.6	30.7	45.0	23.5	551	24	14.6	
June	987.6	30.6	26.1	33.0	26.7	37.5	19.0	285	21	15.3	
July	990.4	31.3	27.1	34.1	27.3	40.7	22.7	290	16	19.3	
Aug	993.4	29.6	24.9	33.1	25.4	38.5	17.5	227	21	21.0	
Sep	989.4	29.6	25.5	33.1	25.5	36.9	20.5	276	24	20.1	
Oct	995.7	31.2	27.5	33.6	28.5	38.1	21.6	170	21	16.8	
Nov	995.3	32.7	28.8	35.4	30.4	42.0	27.5	313	21	17.2	
Dec	996.9	36.1	32.9	39.6	33.6	49.5	29.9	678	27	16.2	
Year	994.1	33.4	29.4	36.3	30.2	50.7	17.5	5090	279	16.6	

TABLE 2 - MACQUARIE ISLAND
 (Station 20 feet above M.S.L. Lat. 55° S, Long. 159° E)

Jan	996.3	44.8	43.0	47.5	42.6	51.3	38.3	397	25	16.5
Feb	995.5	42.2	39.3	45.0	38.5	47.6	32.4	366	27	18.4
Mar	1001.8	41.2	38.0	43.8	38.1	46.1	34.2	419	28	18.7
Apr	1004.5	40.1	37.5	43.0	36.4	44.9	26.3	342	28	20.2
May	1004.6	39.5	37.3	42.4	36.0	44.8	28.6	428	30	19.0
June	1002.0	36.2	32.3	39.0	32.5	43.2	21.6	313	29	17.2
July	1008.1	38.5	35.5	41.3	35.3	44.4	28.4	214	29	20.2
Aug	1002.4	35.9	32.2	39.2	31.8	43.3	17.0	283	29	21.3
Sep	1002.4	39.1	37.0	41.8	35.8	43.9	28.3	356	27	20.5
Oct	1005.7	40.0	36.4	43.2	36.4	46.2	30.2	308	26	19.7
Nov	994.5	40.1	36.6	43.8	36.3	50.2	31.0	427	28	19.6
Dec	994.8	41.4	38.3	44.3	38.5	47.8	34.0	402	27	19.8
Year	1001.1	39.9	36.9	42.9	36.5	51.3	17.0	4255	333	19.3

FREQUENCY ANALYSIS OF STATION LEVEL PRESSURE

TABLE 3. HEARD ISLAND 1950 (15.5 FEET ABOVE MEAN SEA LEVEL)

MBS.	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
950 - 959	00	00	03	00	00	00	00	02	01	00	00	04	010
960 - 969	00	04	08	00	01	30	07	02	13	04	05	01	075
970 - 979	17	25	24	00	13	36	60	27	34	13	11	07	267
980 - 989	61	27	56	42	70	64	63	50	75	67	60	71	706
990 - 999	71	56	55	71	90	70	53	87	78	73	77	64	845
1000 - 1009	62	66	65	67	57	25	48	72	28	58	74	59	681
1010 - 1019	06	18	37	59	17	15	12	08	11	33	13	42	271
1020 - 1029	00	00	00	01	00	00	05	00	00	00	00	00	006

TABLE 4. MACQUARIE ISLAND 1950 (20 FEET ABOVE MEAN SEA LEVEL)

MBS.	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
950 - 959	00	00	01	00	00	00	00	00	01	00	00	05	007
960 - 969	01	00	02	00	01	00	00	00	11	00	02	05	022
970 - 979	18	03	08	13	04	20	00	10	09	02	20	21	128
980 - 989	54	53	34	26	14	37	03	16	28	30	65	39	399
990 - 999	70	111	57	40	78	35	33	79	41	35	69	75	723
1000 - 1009	88	38	73	67	67	51	104	66	56	88	63	102	863
1010 - 1019	16	19	58	63	48	85	96	62	75	74	21	01	618
1020 - 1029	01	00	15	31	34	12	12	15	19	09	00	00	148
1030 - 1039	00	00	00	00	02	00	00	00	00	10	00	00	012

FREQUENCY ANALYSIS OF SCREEN TEMPERATURE

TABLE 5. HEARD ISLAND 1950

DEG. F	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
19	00	00	00	00	00	00	00	01	00	00	00	00	001
20	00	00	00	00	00	00	01	00	05	00	00	00	006
21	00	00	00	00	00	00	00	02	02	00	00	00	004
22	00	00	00	00	00	00	00	07	07	02	00	00	016
23	00	00	00	00	00	00	05	00	06	07	02	00	020
24	00	00	00	00	00	00	03	01	06	05	06	00	021
25	00	00	00	00	00	00	14	02	11	07	13	00	047
26	00	00	00	00	00	02	07	07	13	10	06	00	045
27	00	00	00	00	00	03	11	09	20	15	06	00	064
28	00	00	00	00	00	04	07	17	22	23	11	00	085
29	00	00	00	00	00	12	27	32	23	23	12	00	134
30	00	00	00	00	01	18	24	26	31	35	14	00	177
31	00	00	03	04	18	31	36	24	39	27	00	07	231
32	00	01	04	11	23	46	38	13	30	52	00	09	281
33	02	01	16	30	36	27	29	22	18	50	03	16	295
34	11	09	26	47	28	16	26	16	11	25	00	28	261
35	25	16	57	61	30	09	13	12	02	13	00	46	305
36	30	26	50	34	26	05	04	04	04	05	00	38	239
37	36	42	47	25	15	05	08	05	02	04	00	40	237
38	38	42	17	14	15	01	00	05	00	00	00	16	149
39	32	31	15	07	08	00	00	00	00	00	00	20	115
40	29	19	07	03	06	00	00	00	00	00	00	07	073
41	06	05	02	02	02	00	00	00	00	00	00	12	029
42	07	03	02	01	01	00	00	00	00	00	00	03	017
43	01	00	00	00	00	00	00	00	00	00	00	02	003
44	00	00	02	00	01	00	00	00	00	00	00	00	003
45	00	01	00	00	00	00	00	00	00	00	00	00	001
47	00	00	00	00	00	00	00	00	00	00	00	01	001

TABLE 6. MACQUARIE ISLAND 1950

DEG. F	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
18	00	00	00	00	00	00	00	01	00	00	00	00	001
20	00	00	00	00	00	00	00	01	00	00	00	00	001
21	00	00	00	00	00	00	00	03	00	00	00	00	003
22	00	00	00	00	00	00	00	04	00	00	00	00	004
24	00	00	00	00	00	00	06	00	03	00	00	00	009
25	00	00	00	00	00	00	02	00	03	00	00	00	005
26	00	00	00	01	00	05	00	05	00	00	00	00	011
27	00	00	00	00	00	07	00	07	00	00	00	00	014
28	00	00	00	00	00	06	00	02	00	00	00	00	008
29	00	00	00	00	00	01	07	00	08	00	00	00	016
30	00	00	00	01	01	08	01	07	01	00	00	00	019
31	00	00	00	02	02	08	03	07	01	01	00	00	024
32	00	00	00	01	02	06	05	08	01	01	00	00	026
33	00	00	00	02	02	09	09	08	00	01	00	00	033
34	00	00	00	04	03	05	04	09	05	06	00	00	047
35	00	00	02	03	17	15	25	13	16	10	00	01	108
36	00	03	04	05	13	13	17	14	13	09	00	07	110
37	00	01	12	21	17	13	19	21	17	17	00	06	166
38	01	07	19	25	21	27	25	19	23	25	00	14	218
39	01	11	19	22	19	30	39	19	41	28	18	29	280
40	08	31	31	24	49	30	36	38	49	25	00	29	373
41	11	29	29	34	41	23	26	32	41	41	00	25	370
42	06	26	46	46	29	18	23	14	27	46	00	41	360
43	18	49	47	34	19	02	13	02	05	23	00	52	289
44	48	40	29	15	11	00	03	00	00	07	00	31	203
45	61	21	10	00	01	00	00	00	00	06	00	08	112
46	52	05	00	00	00	00	00	00	00	02	00	04	064
47	27	01	00	00	00	00	00	00	00	00	00	01	029
48	13	00	00	00	00	00	00	00	00	00	00	00	015
49	01	00	00	00	00	00	00	00	00	00	00	00	001
50	01	00	00	00	00	00	00	00	00	00	00	00	001

FREQUENCY ANALYSIS OF EXTREME SCREEN
TEMPERATURE

TABLE 7.

DEG. F	MAXIMUM HEARD ISLAND	MACQUARIE ISLAND	HEARD ISLAND	MINIMUM MACQUARIE ISLAND
17			01	01
18			01	00
19			02	00
20			03	00
21			07	01
22			05	04
23			12	01
24			12	01
25	01	00	13	01
26			14	03
27	01	00	22	04
28	03	00	24	03
29	04	00	24	05
30	10	03	22	04
31	23	04	34	08
32	21	00	38	13
33	30	01	52	20
34	34	02	28	21
35	32	01	26	46
36	24	03	18	26
37	47	02	05	47
38	30	04	02	36
39	25	15	00	29
40	29	20	00	29
41	21	44	00	25
42	11	52	00	14
43	11	58	00	14
44	02	53	00	04
45	02	45	00	05
46	01	29		
47	01	08		
48	00	10		
49	01	08		
50	00	01		
51	01	02		

FREQUENCY ANALYSIS OF TEMPERATURE V DEWPOINT DEPRESSION

TABLE 8. HEARD ISLAND 1950.

DEW-POINT DEPRESSION

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	000	00	00	00	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00
20	000	00	00	00	01	01	01	01	01	01	00	00	00	00	00	00	00	00	00
21	000	00	00	01	00	01	02	00	00	00	00	00	00	00	00	00	00	00	00
22	001	03	00	00	01	03	01	03	02	01	00	00	00	01	00	00	00	00	00
23	001	01	00	02	01	03	02	07	00	02	01	00	00	00	00	00	00	00	00
24	000	00	00	00	03	02	02	08	03	03	00	00	00	00	00	00	00	00	00
25	000	02	04	08	08	02	09	04	02	01	04	03	00	00	00	00	00	00	00
26	002	01	00	06	06	03	10	03	03	04	05	01	01	00	00	00	00	00	00
27	003	05	03	08	15	02	11	05	01	07	01	01	01	00	01	00	00	00	00
28	004	08	05	21	11	03	12	12	02	04	02	01	00	00	00	00	00	00	00
29	003	08	08	24	17	16	22	15	10	10	00	01	00	00	00	00	00	00	00
30	002	10	07	32	20	34	16	20	16	11	04	04	01	00	00	00	00	00	00
D R Y	012	27	21	23	37	30	14	28	23	06	04	03	00	01	00	00	00	02	00
32	025	40	34	29	46	47	27	09	12	01	02	06	01	00	01	00	00	01	00
33	034	62	52	34	29	40	21	05	12	05	00	00	00	00	00	01	00	00	01
34	028	49	56	27	27	30	29	05	05	04	03	00	00	00	00	00	00	00	00
35	020	35	62	30	32	39	38	30	03	13	04	00	00	00	00	00	00	00	00
B U L B	016	27	43	43	30	31	27	08	01	10	01	00	02	00	00	00	00	00	00
37	019	38	41	32	31	27	21	10	15	02	00	00	01	00	00	00	00	00	00
38	011	23	20	17	14	20	15	13	09	03	02	01	01	00	00	00	00	00	00
39	010	14	19	12	06	18	10	07	13	03	02	01	00	00	00	00	00	00	00
40	005	14	14	07	02	05	05	05	12	02	02	00	00	00	00	00	00	00	00
41	002	08	08	02	03	02	01	00	01	00	01	01	00	00	00	00	00	00	00
42	002	04	06	01	00	00	00	00	01	01	02	00	00	00	00	00	00	00	00
43	000	01	00	01	00	00	00	00	01	00	00	00	00	00	00	00	00	00	00
44	000	00	02	00	00	00	00	00	01	00	03	00	00	00	00	00	00	00	00
45	000	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	01	00	00
47	000	00	00	00	00	00	00	01	00	00	00	00	00	00	00	00	00	00	00

TABLE 9. MACQUARIE ISLAND 1950.

DEW-POINT DEPRESSION

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
18	000	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
20	000	00	00	00	00	00	00	00	00	00	00	01	00	00	00	00	00	00	00
21	000	00	00	00	00	00	00	00	01	01	00	00	00	00	00	00	01	00	00
22	000	00	00	00	00	00	02	00	00	01	00	00	00	01	00	00	00	00	00
24	000	00	00	00	00	01	00	02	01	02	00	00	01	00	01	00	00	00	00
25	000	00	00	00	01	00	03	01	00	00	00	00	00	00	00	00	00	00	00
26	001	00	00	00	00	02	01	01	02	00	00	00	03	01	00	00	00	00	00
27	000	00	01	00	05	01	01	01	01	01	01	01	01	00	00	00	00	00	00
28	000	00	00	00	00	00	01	00	00	00	02	00	03	00	01	00	00	00	00
29	000	00	00	00	03	02	00	01	02	02	00	02	00	00	00	00	00	02	00
30	002	01	01	03	01	02	02	00	01	03	00	00	00	00	01	00	01	00	00
D R Y	002	02	02	03	02	00	02	02	03	05	00	01	00	01	00	00	00	00	00
32	000	02	05	02	02	01	03	02	01	02	03	01	00	01	01	00	00	00	00
33	001	04	01	02	03	00	09	03	01	05	00	00	00	02	00	00	01	01	00
34	003	06	04	09	04	01	08	00	02	05	00	01	00	04	00	00	00	00	00
35	006	22	09	16	09	05	11	03	02	06	04	04	07	00	01	01	02	00	00
B U L B	013	13	06	20	06	05	14	06	07	08	04	02	03	03	00	00	00	00	00
37	012	22	17	25	11	17	27	07	09	14	02	02	01	00	00	00	00	00	00
38	024	33	23	35	15	15	33	12	17	04	02	04	00	01	00	00	00	00	00
39	030	56	28	53	23	21	26	14	20	01	05	00	00	00	02	00	00	00	00
40	093	92	53	26	20	33	14	09	15	04	05	07	00	00	02	00	00	00	00
41	085	19	78	16	18	24	09	04	08	02	04	02	01	00	00	00	00	00	00
42	095	22	82	15	14	11	04	05	04	02	03	01	02	00	00	00	00	00	00
43	064	93	56	19	17	17	07	06	06	00	02	01	00	01	00	00	00	00	00
44	053	69	50	09	04	11	02	03	00	00	02	00	00	00	00	00	00	00	00
45	037	19	27	13	04	09	00	01	00	00	02	00	00	00	00	00	00	00	00
46	028	15	09	02	03	03	01	03	00	00	00	00	00	00	00	00	00	00	00
47	002	10	06	02	07	00	00	02	00	00	00	00	00	00	00	00	00	00	00
48	002	02	06	02	03	00	00	00	00	00	00	00	00	00	00	00	00	00	00
49	000	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
50	000	00	00	00	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00

FREQUENCY ANALYSIS OF SURFACE WIND DIRECTION

TABLE 10. HEARD ISLAND 1950

DIRECTION	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
CALM	11	08	09	10	35	12	04	10	11	09	06	10	135
360-020	05	08	08	07	04	03	05	14	03	09	08	06	080
030-050	15	08	13	11	11	11	03	08	05	07	11	12	115
060-080	29	16	04	16	16	11	05	09	06	10	23	18	163
090-110	07	06	05	04	06	12	06	06	08	07	06	05	078
120-140	00	00	00	02	00	00	00	00	00	00	00	01	003
150-170	02	00	00	00	01	01	00	00	00	00	00	00	004
180-200	04	06	15	21	26	24	01	09	05	02	26	04	143
210-230	57	40	92	83	41	61	38	66	41	48	69	49	685
240-260	30	16	18	22	21	41	54	37	49	35	36	30	389
270-290	31	46	62	53	65	42	69	45	63	74	37	83	670
300-320	13	36	18	08	14	11	55	30	40	36	14	19	294
330-350	13	06	04	03	08	11	08	14	09	11	04	11	102

TABLE 11. MACQUARIE ISLAND 1950

DIRECTION	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
CALM	10	02	02	02	01	04	03	01	03	03	01	02	034
360-020	04	01	00	03	04	01	04	03	03	06	02	04	035
030-050	00	00	00	01	00	00	03	00	02	00	00	03	009
060-080	01	00	00	00	00	02	00	00	00	01	04	06	014
090-110	12	00	00	01	01	10	00	00	00	01	06	05	036
120-140	07	01	01	03	02	07	03	06	02	05	07	16	060
150-170	19	01	09	06	22	15	08	15	09	08	17	12	141
180-200	06	10	13	07	05	13	08	15	01	10	05	06	099
210-230	03	08	04	06	12	12	04	13	00	09	09	09	089
240-260	24	41	43	39	56	56	36	45	28	41	60	72	521
270-290	31	85	69	67	66	79	85	65	87	55	73	51	813
300-320	73	59	68	82	73	37	77	81	78	91	43	50	812
330-350	58	16	39	23	26	04	17	04	27	18	13	12	257

ANALYSIS OF SURFACE WIND SPEED

TABLE 12. HEARD ISLAND 1950

KNOTS	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
CALM	0 1 1	0 0 8	0 0 9	0 1 0	0 3 5	0 1 2	0 0 4	0 1 0	0 1 1	0 0 9	0 0 6	0 1 0	0 1 3 5
1 - 9	0 6 5	0 4 1	0 4 5	0 5 9	0 6 4	0 8 0	0 2 0	0 2 1	0 3 0	0 3 2	0 3 0	0 2 9	0 5 1 6
10 - 19	0 8 5	0 6 6	0 8 0	0 8 3	0 7 6	0 9 7	0 7 9	0 6 1	0 6 6	1 1 5	0 8 2	0 8 6	0 9 7 6
20 - 29	0 4 5	0 6 4	0 7 8	0 7 0	0 5 7	0 2 5	0 9 5	0 8 5	0 8 4	0 7 5	0 7 3	0 7 8	0 8 2 9
30 - 39	0 0 6	0 1 7	0 2 6	0 1 6	0 1 2	0 2 2	0 4 6	0 5 4	0 4 4	0 1 7	0 4 2	0 3 6	0 3 3 8
40 - 49	0 0 4	0 0 0	0 0 8	0 0 2	0 0 4	0 0 3	0 0 4	0 1 4	0 0 4	0 0 0	0 0 6	0 0 9	0 0 5 8
50 - 59	0 0 1	0 0 0	0 0 2	0 0 0	0 0 0	0 0 1	0 0 0	0 0 3	0 0 0	0 0 0	0 0 1	0 0 0	0 0 0 8
60 - 69	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 1	0 0 0	0 0 0	0 0 0	0 0 0 1

TABLE 13. MACQUARIE ISLAND 1950

KNOTS	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
CALM	0 1 0	0 0 2	0 0 2	0 0 2	0 0 1	0 0 4	0 0 3	0 0 1	0 0 3	0 0 3	0 0 1	0 0 2	0 0 3 4
1 - 9	0 5 6	0 2 6	0 3 3	0 2 3	0 1 8	0 3 3	0 2 5	0 3 4	0 3 9	0 3 9	0 4 8	0 3 9	0 4 1 3
10 - 19	0 9 7	0 9 1	1 0 4	0 8 0	0 8 2	0 7 6	0 8 4	0 6 0	0 7 3	0 9 6	0 8 7	1 0 5	1 0 3 5
20 - 29	0 7 3	0 9 1	0 8 5	1 1 0	1 0 5	0 9 1	1 0 2	1 0 0	0 8 8	0 8 3	0 9 1	0 9 0	1 1 0 9
30 - 39	0 1 1	0 1 4	0 2 3	0 2 4	0 3 7	0 3 5	0 3 3	0 4 7	0 3 0	0 2 6	0 1 2	0 1 2	0 3 0 4
40 - 49	0 0 1	0 0 0	0 0 1	0 0 1	0 0 5	0 0 1	0 0 1	0 0 5	0 0 5	0 0 1	0 0 1	0 0 0	0 0 2 2
50 - 59	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 1	0 0 2	0 0 0	0 0 0	0 0 0	0 0 0 3

FREQUENCY ANALYSIS OF SPEED OF MAXIMUM
DAILY GUST OF SURFACE WIND

TABLE 14. HEARD ISLAND 1950

KNOTS	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
01-09	00	00	01	00	00	00	00	00	00	00	00	00	001
10-19	00	00	00	00	02	01	00	00	00	00	00	00	003
20-29	08	01	03	06	06	08	01	01	01	04	02	02	043
30-39	15	06	15	06	03	14	04	05	05	08	07	07	095
40-49	01	10	01	08	07	03	11	06	08	08	07	03	073
50-59	03	05	04	05	10	03	04	03	07	08	08	08	068
60-69	03	05	05	02	01	01	07	10	05	02	04	05	050
70-79	01	01	01	03	02	00	04	04	02	00	02	04	024
80-89	00	00	01	00	00	00	00	01	01	00	00	02	005
90-99	00	00	00	00	00	00	00	00	00	00	00	00	000
100-109	00	00	00	00	00	00	00	00	01	00	00	00	001

TABLE 15. MACQUARIE ISLAND 1950

KNOTS	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL	
10-19	04	00	00	00	00	00	01	01	01	03	03	01	00	014
20-29	08	03	04	01	01	05	04	04	06	03	04	05	048	
30-39	11	11	11	12	11	05	09	06	06	12	09	14	117	
40-49	04	07	09	11	13	04	09	11	05	09	13	09	104	
50-59	04	06	04	04	04	11	06	04	07	03	02	02	057	
60-69	00	01	02	02	00	04	02	04	01	01	01	00	018	
70-79	00	00	00	00	02	00	00	01	01	00	00	00	004	
80-89	30	00	01	00	00	00	00	00	01	00	00	00	002	

FREQUENCY ANALYSIS OF DAILY PRECIPITATION

TABLE 16. HEARD ISLAND 1950

POINTS	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
NIL	0 5	0 9	0 5	0 3	0 7	0 9	1 5	1 0	0 6	1 0	0 9	0 6	0 86
001-009	11	09	13	15	12	15	10	14	16	15	10	11	151
010-019	04	02	03	02	05	02	02	02	04	03	05	05	039
020-029	03	04	04	03	01	01	02	03	00	03	03	03	030
030-039	02	05	05	02	00	01	00	00	01	00	01	00	017
040-049	01	00	01	01	02	00	00	02	02	00	01	00	010
050-059	01	01	01	00	01	01	00	00	01	00	00	01	007
060-069	03	01	00	02	01	00	01	00	00	00	01	02	011
070-079	00	00	00	00	00	01	00	00	00	00	00	00	001
080-089	01	00	01	02	00	00	00	00	00	00	00	00	004
090-099	00	00	00	00	00	00	00	00	00	00	00	01	001
100-109	00	00	00	00	02	00	00	00	00	00	00	00	002
110-119	00	00	00	00	00	00	01	00	00	00	00	02	003
120-129	00	00	00	00	00	00	00	00	00	00	00	00	000
130-139	00	01	00	00	00	00	00	00	00	00	00	00	001

TABLE 17. MACQUARIE ISLAND 1950

POINTS	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
NIL	0 6	0 1	0 3	0 2	0 1	0 1	0 2	0 2	0 3	0 5	0 2	0 4	0 32
001-009	11	12	17	15	18	17	20	20	17	19	14	16	196
010-019	07	09	04	07	03	08	07	04	05	03	07	05	069
020-029	03	04	02	03	05	02	02	02	02	00	02	02	029
030-039	01	01	03	01	01	01	00	02	01	02	03	01	017
040-049	02	00	00	01	00	01	00	01	00	01	01	02	009
050-059	00	01	01	01	02	00	00	00	00	00	01	00	006
060-069	00	00	00	00	01	00	00	00	01	00	00	00	002
070-079	01	00	00	00	00	00	00	00	01	00	00	00	002
080-089	00	00	00	00	00	00	00	00	00	00	00	00	000
090-099	00	00	01	00	00	00	00	00	00	01	00	01	003

FREQUENCY ANALYSIS OF DAILY SUNSHINE DURATION

TABLE 18. HEARD ISLAND 1950

HOURS	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
NIL	06	12	18	11	13	11	11	12	11	06	11	12	134
01- 09	08	05	05	07	05	07	04	05	09	08	04	07	074
10- 19	03	05	02	03	04	03	07	06	02	05	02	03	043
20- 29	02	05	02	04	05	06	05	02	04	03	03	04	045
30- 39	02	01	02	01	03	02	04	03	02	01	03	02	026
40- 49	04	00	00	01	00	00	00	02	02	04	01	02	016
50- 59	01	01	01	01	01	00	00	00	00	00	02	00	007
60- 69	01	00	01	02	00	01	00	01	00	02	00	00	008
70- 79	02	00	00	00	00	00	00	00	00	01	01	01	005
80- 89	01	00	00	00	00	00	00	00	00	00	02	00	003
90- 99	00	00	00	00	00	00	00	00	00	00	00	00	000
100-109	01	01	00	00	00	00	00	00	00	00	01	00	003

TABLE 19. MACQUARIE ISLAND 1950

HOURS	JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
NIL	04	02	01	07	15	10	11	10	11	07	04	03	085
01- 09	07	06	06	03	06	07	07	06	04	04	04	10	070
10- 19	06	00	04	02	08	03	01	03	04	05	01	06	043
20- 29	03	03	07	03	00	03	06	05	02	02	01	00	035
30- 39	00	06	03	01	02	00	01	05	00	01	04	00	023
40- 49	02	02	03	02	00	00	01	01	02	02	04	03	022
50- 59	04	01	02	00	00	00	00	00	05	02	01	01	016
60- 69	02	03	02	00	00	00	00	00	02	02	01	02	014
70- 79	02	04	01	00	00	00	00	00	00	02	03	02	014
80- 89	01	00	01	00	00	00	00	00	00	01	03	01	007
90- 99	00	01	01	00	00	00	00	00	00	00	02	00	004
100-109	00	00	00	00	00	00	00	00	00	01	02	02	005
110-119	00	00	00	00	00	00	00	00	00	00	00	00	000
120-129	00	00	00	00	00	00	00	00	00	02	00	00	002

FREQUENCY ANALYSIS OF UPPER AIR TEMPERATURE

TABLE 20. HEARD ISLAND 1950. 850 MB

DEG. C		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
-20 -		-16	00	00	00	00	00	01	00	03	00	01	00	00
-15 -		-11	00	00	00	02	04	11	07	09	15	07	05	00
-10 -		-6	04	05	16	15	19	13	16	12	13	17	18	15
-5 -		0	14	08	11	11	05	05	03	05	02	05	02	10
0 -		+4	02	03	02	01	02	00	03	00	00	01	04	04
+5 -		+9	01	00	00	00	00	00	01	00	00	00	01	003

TABLE 21. MACQUARIE ISLAND 1950. 850 MB.

DEG. C		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
-20 -		-16	00	00	00	00	00	00	02	00	00	00	00	002
-15 -		-11	00	00	00	01	01	08	04	03	00	01	00	00
-10 -		-6	00	05	02	03	03	04	07	11	06	09	05	09
-5 -		0	08	20	11	14	14	11	15	11	15	13	17	17
0 -		+4	08	03	04	08	08	05	05	02	09	10	09	09
+5 -		+9	04	00	01	02	00	00	00	00	00	01	00	01

TABLE 22. HEARD ISLAND 1950. 700 MB

DEG. C		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
-30 -		-26	00	00	00	00	00	00	01	00	00	00	00	001
-25 -		-21	00	00	00	00	00	08	10	08	07	04	03	01
-20 -		-16	02	01	08	06	14	14	09	07	16	12	07	04
-15 -		-11	04	05	10	09	07	05	05	09	03	09	09	08
-10 -		-6	08	04	03	07	07	03	04	02	04	04	05	11
-5 -		0	06	06	07	07	01	00	01	00	00	02	03	06
0 -		+4	00	00	01	00	00	00	00	00	00	00	00	001

TABLE 23. MACQUARIE ISLAND 1950. 700 MB

DEG. C		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
-25 -		-21	00	00	00	00	00	05	00	02	00	00	01	00
-20 -		-16	00	04	03	03	04	02	07	08	02	03	04	02
-15 -		-11	02	10	05	05	02	08	10	08	08	09	10	10
-10 -		-6	09	11	06	16	11	10	14	11	16	11	14	11
-5 -		0	07	03	04	04	08	03	00	00	04	11	02	12
0 -		+4	02	00	00	00	00	00	00	00	00	00	01	003

FREQUENCY ANALYSIS OF UPPER AIR TEMPERATURE

TABLE 24. HEARD ISLAND 1950. 500 MB

DEG. C.		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL	
-45	-	-41	00	00	00	00	00	02	01	03	00	02	01	00	009
-40	-	-36	00	00	01	03	01	10	11	06	07	05	01	00	045
-35	-	-31	00	01	04	02	09	11	04	04	11	10	09	04	069
-30	-	-26	05	03	09	09	10	07	10	09	07	09	06	07	091
-25	-	-21	09	05	09	06	07	00	03	03	05	04	07	11	069
-20	-	-16	05	06	05	06	01	00	00	00	00	01	02	07	033
-15	-	-11	00	01	01	01	00	00	00	00	00	00	00	00	003

TABLE 25. MACQUARIE ISLAND 1950. 500 MB

DEG. C.		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL	
-45	-	-41	00	00	00	00	00	01	00	00	00	00	00	00	001
-40	-	-36	00	00	02	00	00	03	01	01	01	01	00	01	010
-35	-	-31	00	09	02	03	01	04	06	10	02	00	08	00	046
-30	-	-26	05	06	05	07	06	13	19	13	15	16	11	10	126
-25	-	-21	06	10	05	16	13	07	04	05	11	08	11	11	107
-20	-	-16	07	02	04	02	04	00	01	00	01	09	01	09	040
-15	-	-11	01	00	00	00	00	00	00	00	00	00	03	004	

TABLE 26. HEARD ISLAND 1950. 300 MB

DEG. C.		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL	
-65	-	-61	00	00	00	00	00	01	02	01	03	00	01	00	008
-60	-	-56	00	00	00	00	02	09	11	05	04	10	03	00	044
-55	-	-51	01	01	06	06	10	17	10	17	15	12	06	05	106
-50	-	-46	08	02	12	11	09	03	03	02	05	09	08	07	079
-45	-	-41	09	09	10	09	01	00	00	00	01	00	06	10	055
-40	-	-36	01	00	01	00	00	00	00	00	00	00	00	02	004
-35	-	-31	00	00	00	00	01	00	00	00	00	00	00	00	001

TABLE 27. MACQUARIE ISLAND 1950. 300 MB

DEG. C.		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL	
-60	-	-56	00	00	00	02	00	05	13	12	06	00	00	00	038
-55	-	-51	05	06	03	09	10	14	15	15	17	09	08	05	116
-50	-	-46	09	11	09	11	12	07	02	02	06	20	17	15	121
-45	-	-41	03	08	03	02	01	01	00	00	00	04	04	11	038
-40	-	-36	00	01	00	01	00	00	00	00	00	00	01	03	006

FREQUENCY ANALYSIS OF UPPER AIR TEMPERATURE

TABLE 28. HEARD ISLAND 1950. 200 MB

DEG. C		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
-75	-	-71	00	00	00	00	00	01	01	01	00	00	00	003
-70	-	-66	00	00	00	00	00	00	04	01	02	01	00	008
-65	-	-61	00	01	02	02	01	01	03	05	02	04	01	028
-60	-	-56	01	00	02	07	01	04	07	05	08	10	06	02
-55	-	-51	02	01	02	03	04	11	07	04	07	10	05	01
-50	-	-46	02	04	08	07	10	11	03	05	06	05	04	05
-45	-	-41	09	06	09	06	05	00	00	00	00	00	05	07
-40	-	-36	05	00	02	00	00	00	00	00	00	00	02	02
														011

TABLE 29. MACQUARIE ISLAND 1950. 200 MB

DEG. C		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
-75	-	-71	00	00	00	00	00	00	03	02	00	00	00	005
-70	-	-66	00	00	00	01	05	03	05	04	04	00	00	022
-65	-	-61	01	00	01	02	03	04	04	05	09	03	00	02
-60	-	-56	02	02	03	04	09	04	07	09	06	06	02	03
-55	-	-51	01	06	02	08	02	05	08	05	05	09	02	07
-50	-	-46	09	08	06	05	03	08	00	02	00	13	15	10
-45	-	-41	00	08	01	02	00	02	00	00	00	02	10	10
-40	-	-36	00	01	00	00	00	00	00	00	00	01	00	002

TABLE 30. HEARD ISLAND 1950. 100 MB

DEG. C		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
-70	-	-66	00	00	00	00	00	00	04	01	01	00	00	006
-65	-	-61	00	00	00	00	01	03	07	04	00	02	00	017
-60	-	-56	00	00	04	04	00	03	04	06	03	05	00	02
-55	-	-51	00	02	06	09	06	11	02	02	07	03	02	04
-50	-	-46	03	05	08	08	11	07	00	01	05	09	08	05
-45	-	-41	08	02	05	00	02	00	00	00	01	01	05	09
-40	-	-36	05	00	00	00	00	00	00	00	00	02	00	007

TABLE 31. MACQUARIE ISLAND 1950. 100 MB

DEG. C		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
-70	-	-66	00	00	00	00	00	00	02	02	02	00	00	006
-65	-	-61	00	00	00	02	04	00	08	10	05	00	00	029
-60	-	-56	00	01	01	01	10	06	10	05	08	00	00	042
-55	-	-51	05	07	04	10	03	09	03	05	03	14	01	07
-50	-	-46	07	11	02	02	01	04	00	02	02	11	21	19
-45	-	-41	00	00	00	00	00	01	00	00	00	08	06	03
														018

FREQUENCY ANALYSIS OF TROPOPAUSE DATA

TABLE 32. HEARD ISLAND 1950. TEMPERATURE

DEG. C		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
-75 -	-71	00	00	00	00	00	01	03	01	00	01	01	00	007
-70 -	-66	00	00	00	01	01	01	01	05	03	01	00	00	013
-65 -	-61	00	01	04	05	01	03	08	03	08	09	05	07	054
-60 -	-56	04	03	07	07	10	12	08	08	06	10	03	04	082
-55 -	-51	04	04	07	05	08	10	02	06	06	08	07	04	071
-50 -	-46	07	01	08	08	02	01	02	01	03	02	05	05	045
-45 -	-41	04	03	03	00	00	00	00	00	00	00	01	03	014
-40 -	-36	00	00	00	00	00	00	00	00	00	00	01	00	001

TABLE 33. MACQUARIE ISLAND 1950. TEMPERATURE

DEG. C		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
-80 -	-76	00	00	00	00	00	00	01	00	00	00	00	00	001
-75 -	-71	00	00	00	00	00	00	02	02	01	00	00	00	005
-70 -	-66	00	00	00	01	05	04	06	06	06	02	00	00	030
-65 -	-61	01	02	02	09	06	02	07	07	13	06	02	02	059
-60 -	-56	06	07	03	06	09	10	11	10	03	10	09	11	095
-55 -	-51	07	06	04	05	01	05	01	01	02	07	06	09	054
-50 -	-46	01	07	04	02	01	05	00	00	00	03	07	07	037
-45 -	-41	00	03	00	00	00	00	00	00	00	02	00	01	006

TABLE 34. HEARD ISLAND 1950. PRESSURE

MB.		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
150 - 199		00	00	02	02	00	00	00	01	00	00	01	03	009
200 - 249		04	06	07	11	02	04	10	09	09	11	06	06	085
250 - 299		08	01	10	04	13	11	07	06	09	16	11	05	101
300 - 349		07	04	09	06	06	10	04	06	04	03	04	07	070
350 - 399		00	01	01	03	01	03	02	02	04	01	01	02	021
400 - 449		00	00	00	00	00	00	01	00	00	00	00	00	001

TABLE 35. MACQUARIE ISLAND 1950. PRESSURE

MB.		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
50 - 99		00	00	00	00	00	02	02	02	00	01	00	00	007
100 - 149		03	01	00	01	00	02	05	04	01	03	01	05	026
150 - 199		00	02	03	02	04	03	04	03	04	02	00	01	028
200 - 249		05	08	02	10	15	07	10	11	13	12	05	12	110
250 - 299		05	05	04	08	03	05	06	06	06	10	12	09	079
300 - 349		02	04	03	01	00	06	01	00	00	02	05	03	027
350 - 399		00	04	01	01	00	01	00	00	00	00	01	00	008
400 - 449		00	01	00	00	00	00	00	00	01	00	00	00	002

FREQUENCY ANALYSIS OF TROPOPAUSE DATA

TABLE 36. HEARD ISLAND 1950. GEOPOTENTIAL

GPM.10		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
600 - 649		00	00	00	00	00	00	01	00	00	00	00	00	001
650 - 699		00	00	00	00	00	01	01	01	01	00	00	00	005
700 - 749		00	00	01	02	00	04	02	01	02	01	00	01	014
750 - 799		04	02	04	04	02	03	00	02	01	00	02	02	026
800 - 849		00	00	04	01	02	05	03	04	03	05	01	03	029
850 - 899		03	03	03	02	04	01	02	01	04	03	05	05	036
900 - 949		05	01	02	02	04	07	05	03	04	06	04	02	045
950 - 999		02	00	05	01	06	06	03	05	04	10	02	00	044
1000 - 1049		01	01	03	04	01	00	01	02	04	04	04	02	027
1050 - 1099		00	02	02	04	02	00	02	03	02	03	03	00	023
1100 - 1149		04	02	03	04	00	01	03	01	01	00	01	01	021
1150 - 1199		00	01	01	00	00	00	00	01	00	01	00	04	008
1200 - 1249		00	00	01	01	00	00	00	00	00	00	01	03	006
1250 - 1299		00	00	00	01	00	00	01	00	00	00	00	00	002

TABLE 37. MACQUARIE ISLAND 1950. GEOPOTENTIAL

GPM.10		JAN	FEB	MAR	APR	MAY	JUN	JLY	AUG	SEP	OCT	NOV	DEC	TOTAL
650 - 699		00	02	00	00	00	00	01	00	00	01	00	00	004
700 - 749		00	02	01	01	00	00	00	00	00	00	01	00	005
750 - 799		00	01	00	00	00	00	02	01	00	00	00	01	005
800 - 849		01	03	02	00	00	02	00	00	00	01	01	01	011
850 - 899		01	02	01	01	00	00	02	01	00	00	01	03	015
900 - 949		01	03	01	00	02	01	02	03	01	02	02	04	022
950 - 999		04	01	01	06	01	04	03	04	03	04	10	04	045
1000 - 1049		01	07	03	09	06	03	03	04	08	07	01	03	055
1050 - 1099		03	01	00	00	00	04	03	02	03	04	03	01	024
1100 - 1149		00	00	01	03	04	00	04	04	04	05	01	06	032
1150 - 1199		01	00	00	00	06	02	02	00	01	01	00	02	015
1200 - 1249		00	00	01	01	02	01	01	01	02	00	00	00	009
1250 - 1299		00	00	02	00	00	00	00	01	00	01	00	01	006
1300 - 1349		00	01	00	00	01	00	00	00	00	00	00	00	004
1350 - 1399		00	02	00	01	00	00	00	00	01	00	00	01	006
1400 - 1449		02	00	00	00	00	00	00	00	00	01	00	02	005
1450 - 1499		00	00	00	00	00	00	01	02	01	00	00	02	006
1500 - 1549		01	00	00	00	00	00	01	00	00	01	01	00	004
1550 - 1599		00	00	00	00	00	00	00	03	02	00	00	01	006
1600 - 1649		00	00	00	01	00	01	01	00	00	00	00	00	003
1650 - 1699		00	00	00	00	00	00	00	00	00	00	00	00	000
1700 - 1749		00	00	00	00	00	00	00	01	00	00	00	00	001
1750 - 1799		00	00	00	00	00	00	00	00	00	01	00	00	001
1800 - 1849		00	00	00	00	00	00	00	00	00	00	00	00	000
1850 - 1899		00	00	00	00	00	00	01	01	01	00	00	00	003

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JANUARY 1950**

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF JANUARY 1950																								
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	CLOUD TYPE	HEIGHT	MIDDLE CLOUD HEIGHT	HIGH CLOUD HEIGHT	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST			
						DIRECTION	SPEED														DIRECTION	SPEED	Hours	
LST.	Mbs.	"F	"F	"F	"F	"x10	Kts.	VV	Oktas	WW	W	Oktas	C _L	h	C _M	C _H	"F	"F	Points	Miles	*x10	Kts.	Hours	
01	05	97 5 2	3 5	3 4	3 3	2 3	2 0	N 4	8	5 0	5	8	6	2	9	9	9	9	9	9	9	9	9	0 7 2
01	08	97 6 7	3 3	3 3	3 2	2 1	0 8	E 6 9	5	8	6	0	0	0	4	4	4	4	4	4	4	4	4	2 2
01	11	97 8 5	3 8	3 7	3 7	2 0	3 5	4 0	8	5 0	6	3	5	2	3	4	4	4	4	4	4	4	2 2	
01	14	98 2 9	3 8	3 7	3 5	2 1	3 4	4 0	5	5 1	3	4	1	5	5	4	4	4	4	4	4	4	2 2	
01	17	98 8 4	3 9	3 6	3 1	1 7	4 1	4 0	6	3 1	3	4	2	5	3	3	3	4	4	4	4	4	2 2	
01	20	99 1 6	3 5	3 4	3 2	2 1	3 9	8 0	2	1 6	1	1	8	3	0	0	0	0	0	0	0	0	2 2	
01	23	99 6 7	3 5	3 1	1 9	2 6	8 1	1	0 2	5	1	0	0	0	0	0	0	0	0	0	0	0	0 7 2	
02	05	00 3 7	3 5	3 4	3 3	2 1	1 8	8 2	1	0 2	2	4	1	3	0	0	0	0	0	0	0	0	0 7 2	
02	08	00 6 3	3 4	3 3	3 1	2 4	1 5	8 1	8	0 2	2	8	5	2	3	4	4	4	4	4	4	4	2 2	
02	11	00 7 3	3 6	3 5	3 1	2 2	0 9	R 1	7	0 2	2	7	5	3	3	3	5	5	5	5	5	5	2 2	
02	14	00 8 2	3 7	3 5	3 1	2 3	1 0	R 1	8	0 2	2	8	5	3	3	3	5	5	5	5	5	5	2 2	
02	17	00 8 9	3 7	3 5	3 1	2 4	0 7	R 1	8	0 2	2	8	5	4	4	4	4	4	4	4	4	4	2 2	
02	20	00 8 6	3 6	3 4	3 0	3 3	0 8	B 1	8	0 2	2	8	5	3	3	3	5	5	5	5	5	5	2 2	
02	23	00 8 2	3 5	3 4	3 0	3 3	0 3	0 4	B 1	8	0 2	2	8	5	3	3	5	5	5	5	5	5	2 2	
03	05	00 4 6	3 7	3 5	3 5	0 8	1 4	2 0	8	6 1	6	7	7	2	2	1	9	9	9	9	9	9	0 4 1	
03	08	00 2 6	3 8	3 8	3 7	0 7	0 9	2 0	8	6 1	6	8	7	2	2	1	9	9	9	9	9	9	0 4 1	
03	11	00 0 4	4 0	3 9	3 8	0 6	0 8	1 6	8	4 0	6	8	6	0	0	0	1	9	9	9	9	9	0 4 1	
03	14	99 8 6	4 0	3 9	3 9	0 4	0 7	6 4	8	5 1	5	8	6	1	1	9	9	9	9	9	9	9	0 4 1	
03	17	99 7 4	3 9	3 9	3 9	2 5	1 0	0 8	8	4 4	5	8	6	1	9	9	9	9	9	9	9	9	0 4 1	
03	20	99 7 1	3 6	3 5	3 6	2 4	1 6	0 6	8	1 0	2	8	6	0	0	0	0	0	0	0	0	0	0 4 1	
03	23	99 7 8	3 4	3 4	3 4	2 3	1 9	1 0	8	4 0	4	8	6	0	0	0	0	0	0	0	0	0	0 4 1	
04	05	99 6 7	3 5	3 4	3 2	2 2	0 8	B 1	8	0 2	2	7	5	4	3	3	5	5	5	5	5	5	0 4 1	
04	08	99 6 0	3 6	3 5	3 3	3 4	0 2	R 1	8	0 1	2	7	5	4	7	7	9	9	9	9	9	9	0 4 1	
04	11	99 5 0	3 7	3 5	3 3	3 5	0 3	B 1	8	0 2	2	2	1	3	7	7	9	9	9	9	9	9	0 4 1	
04	14	99 5 7	4 0	3 8	3 6	3 5	0 5	B 3	7	0 1	2	1	1	5	3	3	5	5	5	5	5	5	0 4 1	
04	17	99 5 6	3 6	3 5	3 5	0 5	0 8	2 7	7	0 3	2	1	6	3	3	3	5	5	5	5	5	5	0 4 1	
04	20	99 2 8	3 6	3 5	3 4	0 0	0 0	8 2	8	0 3	2	7	6	2	7	7	9	9	9	9	9	9	0 4 1	
04	23	99 2 9	3 6	3 5	3 4	0 7	0 7	2 4	8	6 1	6	8	6	1	9	9	9	9	9	9	9	9	0 4 1	
05	05	98 8 2	3 5	3 5	3 5	0 7	1 4	1 0	8	4 1	2	8	6	0	0	0	1	9	9	9	9	9	0 4 0	
05	08	98 5 6	3 7	3 7	3 6	0 6	0 9	0 6	8	5 0	4	8	6	2	2	2	9	9	9	9	9	9	0 4 0	
05	11	98 1 6	3 7	3 6	3 6	0 7	1 0	3 2	8	6 1	6	8	6	2	2	2	9	9	9	9	9	9	0 4 0	
05	14	98 0 3	3 5	3 4	3 3	2 4	0 7	1 6	8	6 1	6	4	7	1	1	3	5	5	5	5	5	5	0 4 0	
05	17	98 0 8	3 5	3 4	3 3	2 2	1 1	1 0	8	7 1	7	8	6	2	2	2	9	9	9	9	9	9	0 4 0	
05	20	98 2 5	3 4	3 4	3 3	2 1	0 9	2 4	8	7 1	7	8	7	2	2	2	9	9	9	9	9	9	0 4 0	
05	23	98 3 7	3 4	3 3	3 0	2 0	0 8	1 0	8	6 1	6	8	6	2	2	2	9	9	9	9	9	9	0 4 0	
06	05	98 5 1	3 7	3 6	3 5	3 5	1 4	2 4	8	5 1	5	8	6	4	4	3	7	9	9	9	9	9	0 4 0	
06	08	98 6 1	3 6	3 6	3 1	0 8	3 2	3 0	8	5 0	5	8	6	3	3	3	7	9	9	9	9	9	0 4 0	
06	11	98 6 5	3 7	3 6	3 6	0 2	2 0	8	5 0	5	8	6	2	2	2	9	9	9	9	9	9	9	0 4 0	
06	14	98 6 7	4 0	3 8	3 6	2 5	0 5	B 1	8	0 1	2	7	1	3	7	7	9	9	9	9	9	9	0 4 0	
06	17	98 7 4	3 7	3 6	3 6	2 4	0 9	0 9	8	5 1	5	8	6	0	0	0	9	9	9	9	9	9	0 4 0	
06	20	98 9 9	3 5	3 3	3 1	2 1	2 1	8 0	7	0 2	2	6	6	2	2	3	5	5	5	5	5	5	0 4 0	
06	23	99 1 9	3 4	3 3	3 2	2 2	2 1	8 0	7	8 0	2	4	2	2	3	4	7	9	9	9	9	9	0 4 0	
07	05	99 4 8	3 5	3 3	3 2	2 2	2 2	2 1	8 1	7	0 1	2	4	4	4	4	0	0	0	0	0	0	0 4 0	
07	08	99 7 3	3 5	3 4	3 2	2 2	2 2	2 1	8 1	7	0 1	2	4	4	4	4	0	0	0	0	0	0	0 4 0	
07	11	99 8 7	3 6	3 5	3 3	2 2	2 2	2 1	8 1	6	2	2	7	5	5	5	4	4	4	4	4	4	0 4 0	
07	14	99 9 7	3 8	3 5	3 0	2 1	2 3	8 1	7	0 2	2	8	5	3	3	4	4	4	4	4	4	4	0 4 0	
07	17	00 0 6	3 7	3 4	3 0	2 1	2 3	8 1	7	0 2	2	7	5	3	3	4	4	4	4	4	4	4	0 4 0	
07	20	00 1 4	3 5	3 3	3 1	2 2	2 0	8 1	7	0 2	2	7	5	3	3	4	4	4	4	4	4	4	0 4 0	
07	23	00 1 9	3 4	3 2	2 9	2 3	1 8	8 1	7	0 2	2	4	4	5	4	4	7	9	9	9	9	9	0 4 0	
08	05	00 3 6	3 5	3 4	3 1	2 2	2 5	8 2	7	0 2	2	7	5	4	4	4	7	9	9	9	9	9	0 4 0	
08	08	00 4 7	3 5	3 4	3 1	2 1	2 5	8 1	7	2 6	8	5	4	4	4	4	0	0	0	0	0	0	0 4 0	
08	11	00 4 3	3 8	3 5	3 0	2 2	2 3	8 2	7	0 2	2	2	4	4	4	4	4	5	5	5	5	5	0 4 0	
08	14	00 4 4	3 9	3 6	3 1	2 3	2 4	8 1	8	0 2	2	4	4	4	4	4	4	5	5	5	5	5	0 4 0	
08	17	00 4 5	3 9	3 6	3 2	2 4	1 9	8 2	8	0 2	2	2	4	4	4	4	4	5	5	5	5	5	0 4 0	
08	20	00 4 6	3 7	3 5	3 1	2 2	0 9	8 2	8	0 2	2	7	5	4	4	4	4	5	5	5	5	5	0 4 0	
08	23	00 4 0	3 6	3 5	3 2	2 4	0 2	8 2	8	0 2	2	8	5	4	4	4	4	5	5	5	5	5	0 4 0	
09	05	00 2 2	3 6	3 5	3 4	0 5	0 6	8 0	8	5 1	6	8	6	1	1	1	9	9	9	9	9	9	0 4 0	
09	08	0 1 1	3 7	3 6	3 5	0 9	0 6	1 6	8	5 1	6	8	6	2	2	2	7	9	9	9	9	9	0 4 0	
09	11	99 9 7	3 9	3 8	3 7	2 5	0 2	2 4	8	5 1	6	8	6	3	3	3	4	4	4	4	4	4	0 4 0	
09	14	00 0 1	3 8	3 7	3 6	2 1	2 2	4 0	8	5 0	5	8	6	3	3	3	4	4	4	4	4	4	0 4 0	
09	17	00 1 1	4 0	3 7	3 2	2 2	1 5	8 1	4	0 1	2	3	2	3	3	3	4	4	4	4	4	4	0 4 0	
09	20	00 1 0	3 9	3 8	3 5	2 4	0 9	8 0	8	0 2	2	7	5	4	4	4	4	5	5	5	5	5	0 4 0	
09	23	00 0 2	3 6	3 5	3 4	0 9	0 1	8 0	8	0 2	2	8												

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JANUARY 1950**

RESULTS OF SURFACE OBSERVATIONS AT												HEARD ISLAND																	
FOR THE MONTH OF												JANUARY 1950																	
DAY	HOUR	STATION PRESSURE			WIND			VISIBILITY			LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE			MINIMUM TEMPERATURE			PRECIPITATION			ANEMOMETER			
		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	TOTAL CLOUD	PRES. WEATHER	PAST WEATHER	LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	MAX TEMP	MIN TEMP	PRECIP.	Points	Miles	Direction	Speed	MAX GUST					
LST.	Mbs.	°F	°F	°F	"x10	Kts.	VV	Oklas	WW	W	Oklas	CL	CH	CL	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours			
11	05	99 1 1	3 6	3 5	3 2	2 8	1 7	4 8	8	5 0	5	8	5	4	6	6	6	6	6	6	6	6	6	6	2 9	5 0	0 0 9		
11	06	99 3 1	3 6	3 5	3 3	2 7	1 8	8 1	8	0 2	2	8	5	4	6	6	6	6	6	6	6	6	6	6	6	2 9	5 0	0 0 9	
11	11	99 4 6	3 7	3 6	3 3	2 5	2 1	8 1	8	0 2	2	8	5	4	6	6	6	6	6	6	6	6	6	6	6	2 9	5 0	0 0 9	
11	14	99 6 3	3 8	3 6	3 4	2 3	1 9	8 0	8	2 5	2	8	5	4	6	6	6	6	6	6	6	6	6	6	6	2 9	5 0	0 0 9	
11	17	99 6 1	3 8	3 6	3 2	2 6	0 6	8 1	8	5 0 5	2	8	5	4	6	6	6	6	6	6	6	6	6	6	6	2 9	5 0	0 0 9	
11	20	99 4 6	3 7	3 6	3 4	0 0	0 0	1 6	8	5 1	5	8	6	4	2	2	2	2	2	2	2	2	2	2	2	2 9	5 0	0 0 9	
11	23	99 0 1	3 7	3 7	3 6	0 4	0 8	2 4	8	6 1	6	8	6	6	1	4	7	8	8	8	8	8	8	8	4 1	3 5	0 0 2 3	3 3 0	
12	05	98 5 6	3 8	3 6	3 2	2 8	1 9	8 0	8	0 5	6	6	6	5	5	4	7	8	8	8	8	8	8	8	8	4 1	3 5	0 0 2 3	3 3 0
12	08	98 7 4	3 8	3 5	3 1	2 9	2 5	8 0	7	0 2	2	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4 1	3 5	0 0 2 3	3 3 0
12	11	98 9 2	4 0	3 7	3 1	3 0	1 7	8 0	7	0 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4 1	3 5	0 0 2 3	3 3 0
12	14	99 0 1	4 0	3 7	3 3	3 0	2 7	8 0	7	8 0	8	6	2	2	2	2	2	2	2	2	2	2	2	2	2	4 1	3 5	0 0 2 3	3 3 0
12	17	99 0 7	3 8	3 7	3 4	2 9	2 0	5 4	8	0 2	2	6	5	4	4	4	4	4	4	4	4	4	4	4	4	4 1	3 5	0 0 2 3	3 3 0
12	20	99 0 5	3 8	3 6	3 3	2 9	2 2	8 0	8	8 0	8	7	8	4	4	4	4	4	4	4	4	4	4	4	4	4 1	3 5	0 0 2 3	3 3 0
12	23	99 1 4	3 8	3 5	3 0	2 9	2 1	8 1	7	0 2	2	7	2	4	9	9	9	9	9	9	9	9	9	9	9	4 1	3 6	0 0 4 8	3 0 7
13	05	99 2 7	3 6	3 5	3 3	3 0	1 6	4 0	7	8 3	8	7	2	4	7	9	9	9	9	9	9	9	9	9	9	4 1	3 6	0 0 4 8	3 0 7
13	08	99 2 9	3 8	3 5	3 0	2 9	1 9	8 0	8	0 2	8	7	2	4	7	9	9	9	9	9	9	9	9	9	9	4 1	3 6	0 0 4 8	3 0 7
13	11	99 2 6	3 9	3 6	3 1	2 9	1 7	8 1	8	0 2	2	3	1	4	2	2	2	2	2	2	2	2	2	2	2	4 1	3 6	0 0 4 8	3 0 7
13	14	99 2 6	4 0	3 7	3 2	2 9	1 4	8 1	8	2 5	8	6	2	4	1	1	1	1	1	1	1	1	1	1	1	4 1	3 6	0 0 4 8	3 0 7
13	17	99 1 9	3 7	3 5	3 3	3 0	1 4	6 4	8	6 0	8	7	2	4	1	1	1	1	1	1	1	1	1	1	1	4 1	3 6	0 0 4 8	3 0 7
13	20	99 2 0	3 7	3 5	3 2	2 9	1 3	8 0	8	8 0	8	7	2	5	3	3	3	3	3	3	3	3	3	3	3	4 1	3 5	0 0 0 3	4 8 1
14	05	99 4 0	3 6	3 5	3 2	2 8	0 8	8 2	7	0 2	2	5	2	3	7	9	9	9	9	9	9	9	9	9	9	4 1	3 5	0 0 0 3	4 8 1
14	08	99 9 0	3 6	3 5	3 2	2 2	1 5	8 2	7	0 2	2	8	6	3	3	3	3	3	3	3	3	3	3	3	3	4 1	3 5	0 0 0 3	4 8 1
14	11	0 0 1 2	3 9	3 6	3 1	2 3	1 0	8 3	7	0 1	2	7	5	7	7	7	7	7	7	7	7	7	7	7	7	4 1	3 5	0 0 0 3	4 8 1
14	14	99 9 9	3 8	3 8	3 8	0 3	0 9	2 0	8	6 3	6	8	0	1	2	2	2	2	2	2	2	2	2	2	2	4 1	3 5	0 0 0 3	4 8 1
14	17	99 6 7	4 0	4 0	3 9	3 2	1 8	4 0	8	6 3	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	4 1	3 5	0 0 0 3	4 8 1
14	20	99 4 0	4 1	4 0	3 9	3 0	2 7	4 0	8	6 1	5	7	7	7	7	7	7	7	7	7	7	7	7	7	4 1	3 5	0 0 0 3	4 8 1	
14	23	99 5 9	3 9	3 6	3 2	2 9	2 1	8 0	8	0 2	2	8	5	3	3	3	3	3	3	3	3	3	3	3	3	4 1	3 5	0 0 0 3	4 8 1
15	05	0 0 3 9	3 8	3 6	3 1	2 6	1 8	8 0	8	0 2	2	3	8	4	5	1	1	1	1	1	1	1	1	1	1	4 3	3 6	0 0 0 5	3 2 4
15	08	0 0 5 9	3 9	3 6	3 7	3 3	2 5	1 2	8 0	7	0 1	6	4	5	1	1	1	1	1	1	1	1	1	1	1	4 3	3 6	0 0 0 5	3 2 4
15	11	0 0 7 2	3 9	3 6	3 0	3 0	0 7	8 0	8	0 2	2	3	5	4	4	4	4	4	4	4	4	4	4	4	4	4 3	3 6	0 0 0 5	3 2 4
15	14	0 0 5 7	3 8	3 6	3 5	3 5	0 6	4 8	8	6 1	6	7	7	4	2	2	2	2	2	2	2	2	2	2	2	4 3	3 6	0 0 0 5	3 2 4
15	17	0 0 3 1	3 5	3 4	3 3	0 9	0 7	3 2	8	6 1	7	5	7	2	2	2	2	2	2	2	2	2	2	2	2	4 3	3 6	0 0 0 5	3 2 4
15	20	0 0 0 6	3 7	3 5	3 5	0 7	0 7	8 0	8	0 2	6	8	5	2	2	2	2	2	2	2	2	2	2	2	2	4 3	3 6	0 0 0 5	3 2 4
15	23	0 0 0 9	3 6	3 5	3 4	3 6	0 4	8 2	7	0 2	2	7	5	4	7	7	7	7	7	7	7	7	7	7	7	4 3	3 6	0 0 0 5	3 2 4
16	05	0 0 5 7	3 7	3 5	3 2	2 4	0 6	8 1	8	0 2	2	2	6	5	2	2	2	2	2	2	2	2	2	2	2	4 3	3 6	0 0 0 5	3 2 4
16	08	0 0 7 6	3 6	3 5	3 2	2 2	0 4	8 1	8	0 2	2	2	6	5	2	2	2	2	2	2	2	2	2	2	2	4 3	3 6	0 0 0 5	3 2 4
16	11	0 0 7 6	3 7	3 7	3 6	0 3	0 5	5 6	8	4 0	2	8	6	6	2	2	2	2	2	2	2	2	2	2	2	4 3	3 6	0 0 0 5	3 2 4
16	14	0 0 8 9	3 8	3 7	3 5	2 2	1 4	8 1	7	0 1	4	5	6	2	2	2	2	2	2	2	2	2	2	2	2	4 3	3 6	0 0 0 5	3 2 4
16	17	0 0 1 7	3 9	3 8	3 5	2 3	0 8	2 1	8 0	8	0 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4 3	3 6	0 0 0 5	3 2 4
16	20	0 0 0 3	3 7	3 6	3 1	0 9	1 0	8 3	7	0 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4 3	3 6	0 0 0 5	3 2 4
16	23	0 0 1 6	3 7	3 6	3 3	2 2	0 5	8 3	8	0 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4 3	3 6	0 0 0 5	3 2 4
18	05	0 0 0 0	3 6	3 5	3 4	2 4	2 4	2 4	8 0	8	0 3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4 3	3 6	0 0 0 5	3 2 4
18	08	0 0 0 1	3 6	3 5	3 5	2 2	2 1	2 1	8 1	8	0 2	2	2	6	5	3	3	3	3	3	3	3	3	3	3	4 3	3 6	0 0 0 5	3 2 4
18	11	0 0 1 5	4 0	3 7	3 4	2 0	2 4	8 1	8	0 2	2	2	6	5	3	3	3	3	3	3	3	3	3	3	3	4 3	3 6	0 0 0 5	3 2 4
18	14	0 0 3 9	4 0	3 7	3 1	2 1	2 4	8 1	8	0 2	2	2	6	5	3	3	3	3	3	3	3	3	3	3	3	4 3	3 6	0 0 0 5	3 2 4
18	17	0 0 5 7	3 9	3 8	3 6	0 7	0 5	8 1	8	0 2	2	1	6	4	7	7	7	7	7	7	7	7	7	7	7	4 3	3 6	0 0 0 5	3 2 4
18	20	0 0 0 7	3 6	3 5	3 2	1 0	1 6	8 1	8	7 1	7	9	0	0	0	0	0	0	0	0	0	0	0	0	0	4 3	3 6	0 0 0 5	3 2 4
18	23	0 0 2 6	3 7	3 5	3 1	0 9	4 5	4 0	8	6 1	7	8	6	4	0	1	2	2	2	2	2	2	2	2	2	4 3	3 6	0 0 0 5	3 2 4
19	08	0 0 4 1	3 5	3 3	2 8	0 7	2 7	8 2	8	0 2	2	2	5	5	1	2	2	2	2	2	2	2	2	2	2	4 3	3 6	0 0 0 5	3 2 4
19	11	99 9 4	3 5	3 4	3 1	0 6	3 1	4 8	8	7 7	7	8	6	4	4														

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JANUARY 1950**

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF JANUARY 1950																											
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND DIRECTION	WIND SPEED	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST								
												LOW CLOUD AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	DIRECTION	SPEED	SUNSHINE								
LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oldes	ww.	W	Oldes	C_L	h	C_M	C_H	C_L	C_M	C_H	"F	"F							
																			Points	Miles							
																			"x10	Kts.							
																			Hours								
21	05	9801	38	37	37	35	02	15	8	61	6	8	6	1	9	9	9	9	40	35	0080	153	25	30	000		
21	08	9817	38	37	36	23	15	32	8	61	6	7	6	2	9	9	9	9	5	9	9	9	9	9	9		
21	11	9827	39	38	37	24	19	20	8	51	5	8	6	2	9	9	9	9	5	9	9	9	9	9	9		
21	14	9839	38	38	38	24	19	40	8	40	5	8	6	1	9	9	9	9	5	9	9	9	9	9	9		
21	17	9856	38	37	35	24	14	80	8	02	4	7	8	2	9	9	9	9	5	9	9	9	9	9	9		
21	20	9850	38	36	33	26	15	80	8	02	2	8	1	4	9	9	9	9	5	9	9	9	9	9	9		
21	23	9842	35	34	32	28	07	80	8	51	2	8	6	3	9	9	9	9	40	35	0080	153	25	30	000		
22	05	9838	35	34	33	00	00	54	8	50	7	6	6	3	2	7	9	9	9	42	33	0007	240	29	32	047	
22	08	9837	38	36	35	26	13	80	8	20	5	8	6	2	9	9	9	9	6	5	9	9	9	9	9		
22	11	9855	40	38	35	24	11	81	8	02	2	7	6	1	9	9	9	9	6	5	9	9	9	9	9		
22	14	9875	40	38	35	26	16	81	7	02	2	7	6	2	9	9	9	9	6	6	6	9	9	9	9		
22	17	9897	40	38	35	24	09	81	6	02	2	7	6	0	1	6	0	9	40	35	0000	276	09	29	004		
22	20	9915	39	36	30	30	19	81	7	03	2	4	2	6	3	6	6	6	9	9	9	9	9	9	9		
22	23	9928	38	35	29	29	17	81	7	02	2	7	6	2	9	9	9	9	42	33	0007	240	29	32	047		
23	05	9939	37	36	34	34	09	40	8	02	2	6	1	4	7	1	7	6	6	7	8	8	9	9			
23	08	9928	38	37	34	36	09	80	8	02	2	4	1	4	7	1	7	6	6	7	8	8	9	9			
23	11	9907	39	37	34	02	14	81	8	02	2	7	5	4	1	6	0	9	40	35	0000	276	09	29	004		
23	14	9867	37	37	36	08	14	80	6	61	6	7	6	2	1	2	9	9	9	9	9	9	9	9			
23	17	9828	37	36	34	08	19	48	8	61	6	8	6	4	2	4	4	9	9	9	9	9	9	9			
23	20	9807	36	35	33	17	07	64	8	21	6	5	7	4	2	0	9	9	9	9	40	35	0000	276	09	29	004
23	23	9801	35	34	32	00	83	5	01	1	3	5	6	4	0	0	9	9	9	9	9	9	9	9			
24	05	9868	35	34	33	21	24	81	8	83	9	3	2	9	9	9	9	40	34	0005	322	20	38	025			
24	08	9910	38	36	35	21	20	83	8	02	2	8	2	8	4	3	2	4	4	9	9	9	9	9			
24	11	9941	39	37	35	22	17	83	7	02	2	6	0	4	4	4	4	5	5	9	9	9	9	9			
24	14	9961	39	36	32	23	13	82	7	02	2	7	7	0	4	4	4	4	5	5	9	9	9	9			
24	17	9965	39	37	34	25	14	81	8	02	2	7	7	0	4	4	4	4	6	9	9	9	9	9			
24	20	9959	38	37	35	28	12	80	8	80	2	7	7	0	4	4	4	4	6	9	9	9	9	9			
24	23	9947	37	36	34	29	14	80	8	25	2	7	7	2	4	4	4	4	6	9	9	9	9	9			
25	05	9931	35	35	27	12	48	8	61	6	8	6	3	1	9	9	9	9	40	34	0005	322	20	38	025		
25	08	9955	36	35	35	25	22	82	8	02	2	8	8	4	3	2	4	4	5	5	9	9	9	9			
25	11	9985	39	37	34	22	16	82	7	02	2	7	8	5	5	5	5	5	5	9	9	9	9	9			
25	14	0006	40	38	35	21	17	82	7	02	2	4	4	5	5	5	5	5	5	9	9	9	9	9			
25	17	0024	38	37	35	24	16	82	7	02	2	5	6	4	4	4	4	5	5	9	9	9	9	9			
25	20	0040	37	36	34	22	17	82	7	02	2	3	6	4	3	5	5	5	5	9	9	9	9	9			
25	23	0055	37	35	33	22	16	83	1	01	1	1	8	4	0	0	9	41	35	0007	299	25	29	039			
26	05	0085	37	36	34	23	12	80	8	61	6	8	6	3	1	9	9	9	9	9	9	9	9	9			
26	08	0090	38	37	35	24	06	80	8	02	2	3	8	4	3	5	5	5	5	9	9	9	9	9			
26	11	0085	40	37	33	26	04	82	8	02	2	3	1	5	7	7	6	6	6	9	9	9	9	9			
26	14	0080	42	38	32	35	03	82	8	02	2	2	1	5	7	7	6	6	6	9	9	9	9	9			
26	17	0057	39	37	33	06	12	82	8	02	2	1	7	4	3	5	5	5	5	9	9	9	9	9			
26	20	0036	34	33	03	14	12	81	8	71	6	8	7	2	9	9	9	9	42	32	0001	319	07	35	005		
26	23	9999	36	35	06	23	16	83	6	63	6	8	7	3	1	9	9	9	9	9	9	9	9	9			
27	05	9952	38	36	37	10	00	81	7	02	6	7	6	4	1	9	9	9	9	9	9	9	9	9			
27	08	9952	38	36	38	23	23	03	8	51	5	8	6	1	9	9	9	9	9	9	9	9	9	9			
27	11	9958	40	39	37	23	23	81	8	03	2	4	8	4	0	1	9	9	9	9	9	9	9	9			
27	14	9958	41	39	35	23	15	81	5	01	2	4	8	4	0	1	9	9	9	9	9	9	9	9			
27	17	9951	42	38	35	33	21	10	81	8	03	2	1	1	4	0	0	6	6	5	5	5	5	5			
27	20	9925	37	35	32	01	05	81	8	01	2	0	0	9	0	0	6	6	5	5	5	5	5	5			
27	23	9886	36	35	33	04	12	81	8	02	2	8	5	4	7	7	6	5	42	35	0031	237	23	29	081		
28	05	9841	35	35	35	35	02	80	8	21	6	7	7	5	7	7	6	5	5	5	5	5	5	5			
28	08	9841	40	37	32	28	14	80	8	80	2	7	7	2	5	7	6	5	5	5	5	5	5	5			
28	11	9855	40	37	32	29	22	81	8	02	8	5	8	4	4	4	5	5	5	5	5	5	5	5			
28	14	9860	41	38	33	29	26	48	8	80	2	8	8	2	5	5	4	5	5	5	5	5	5	5			
28	17	9866	41	37	31	29	32	56	6	02	2	5	5	2	5	5	4	5	5	5	5	5	5	5			
28	20	9882	39	36	30	29	30	80	7	02	2	7	7	2	4	4	4	5	5	5	5	5	5	5			
28	23	9818	38	36	33	29	17	81	7	02	2	7	7	2	5	5	4	7	6	5	5	5	5	5			
29	05	9919	38	38	37	00	00	80	8	03	2	5	5	4	7	7	6	5	42	34	0005	270	29	68	043		
29	08	9885	40	38	35	07	26	40	8	61	2	5	7	4	2	2	9	9	9	9	9	9	9	9			
29	11	9841	41	40	39	03	07	32	8	61	6	8	6	0	0	9	9	9	9	9	9	9	9	9			
29	14	9837	43	40	35	28	20	80	8	01	5	8	6	4	4	4	9	9	9	9	9	9	9	9			
29	17	9850	42	39	34	29	21	81	7	02	2	3	8	4	4	4	9	9	9	9	9	9	9	9			
29	20	9859	39	37	34	29	17	80	8	25	8	4	8	4	4	4	9	9	9	9	9	9	9	9			
29	23	9865	39	38	36	30	13	81	8	02	2	7	7	2	4	4	9	9	9	9	9	9	9	9			
30	05	9830	39</																								

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF FEBRUARY 1950**

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF FEBRUARY 1950																										
DAY	HOUR	STATION LEVEL PRESSURE		WIND		VISIBILITY	TOTAL CLOUD	LOW CLOUD		CLOUD DIRECTION		MAXIMUM GUST														
		DRY BULB	WET BULB	DEN POINT	DIRECTION			PRES. WEATHER	PAST WEATHER	AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	LOW	MIDDLE	HIGH	MAX. TEMP.	MIN. TEMP.	PRECIPITATION	ANEMOMETER						
LST.	Mbs.	°F	°F	°F	"x10	Kts.	VV	Oktas	vv	W	Oldest	CL	h	CM	CH	CL	CM	CH	°F	°F	Points	Miles	*x10	Kts.	Hours	
01	05	97.58	36	35	34	21	22	40	8	6 1	6	8	6	5	5	5	5	5	5	40	33	0031	190	28	38	002
01	08	97.57	38	36	34	27	10	81	8	0 2	2	8	1	4	4	1	6	6	6	6	6	6	9	9	9	
01	11	97.94	40	38	34	27	17	81	8	0 2	2	7	2	4	4	1	6	6	6	6	6	6	9	9	9	
01	14	98.32	39	37	34	27	19	81	8	0 2	2	7	2	4	4	7	6	6	6	6	6	6	9	9	9	
01	17	98.67	38	36	32	28	18	81	8	0 2	2	7	2	4	4	7	6	6	6	6	6	6	9	9	9	
01	20	98.98	38	35	32	28	16	81	8	0 2	2	7	2	4	4	7	6	6	6	6	6	6	9	9	9	
01	23	99.16	38	35	30	29	17	81	8	0 2	2	7	2	4	4	7	6	6	6	6	6	6	9	9	9	
02	05	99.29	37	36	35	30	10	80	8	0 2	2	6	2	4	4	7	6	6	6	6	6	6	9	9	9	
02	08	99.12	38	36	34	04	10	81	8	0 2	2	7	2	4	4	7	6	6	6	6	6	6	9	9	9	
02	11	98.64	36	35	35	07	14	24	8	6 1	6	8	2	2	2	7	6	6	6	6	6	6	9	9	9	
02	14	98.13	40	40	39	06	09	16	8	5 1	6	8	2	2	2	7	6	6	6	6	6	6	9	9	9	
02	17	97.91	40	39	37	30	13	40	8	0 1	6	6	2	2	2	7	6	6	6	6	6	6	9	9	9	
02	20	97.65	39	37	34	31	16	40	8	0 5	2	6	2	2	2	7	6	6	6	6	6	6	9	9	9	
02	23	97.17	37	36	35	33	28	80	8	6 1	2	8	2	2	2	7	6	6	6	6	6	6	9	9	9	
03	05	97.10	37	37	36	27	32	32	8	6 1	6	8	6	2	2	7	6	6	6	6	6	6	9	9	9	
03	08	97.97	38	36	33	28	30	40	8	1 8	2	8	5	2	2	7	6	6	6	6	6	6	9	9	9	
03	11	98.71	38	35	29	25	25	80	8	0 2	8	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
03	14	99.25	39	36	31	26	23	40	8	1 8	2	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
03	17	99.61	39	36	31	25	25	64	8	1 8	2	3	2	2	2	4	4	4	4	4	4	4	5	5	5	
03	20	00.05	38	36	32	27	21	80	8	0 2	2	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
03	23	00.43	38	35	31	27	20	81	7	0 2	2	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
04	05	00.77	37	35	31	22	19	83	7	0 2	2	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
04	08	00.86	38	36	31	31	05	82	8	0 3	2	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
04	11	00.62	38	37	35	03	07	81	8	0 3	2	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
04	14	00.12	37	36	34	08	23	81	8	0 2	2	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
04	17	99.27	38	37	36	07	25	32	8	6 3	6	8	6	2	2	2	4	4	4	4	4	4	5	5	5	
04	20	98.61	39	39	39	36	15	24	8	2 1	6	8	6	2	2	2	4	4	4	4	4	4	5	5	5	
04	23	98.46	39	37	35	32	08	80	8	0 2	2	6	2	2	2	4	4	4	4	4	4	4	5	5	5	
05	05	98.19	38	37	34	31	22	40	8	6 0	6	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
05	08	98.19	39	36	35	33	21	48	8	0 2	2	6	2	2	2	4	4	4	4	4	4	4	5	5	5	
05	11	98.17	38	36	32	31	19	64	8	0 2	2	5	2	2	2	4	4	4	4	4	4	4	5	5	5	
05	14	98.07	38	38	36	32	31	24	8	8 0	2	5	2	2	2	4	4	4	4	4	4	4	5	5	5	
05	17	97.88	38	36	32	31	23	40	8	8 0	2	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
05	20	97.79	37	35	33	31	19	48	8	6 0	6	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
05	23	97.57	37	35	32	30	14	48	8	6 1	6	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
06	05	97.12	36	35	34	30	26	24	8	6 0	6	8	2	2	2	4	4	4	4	4	4	4	5	5	5	
06	08	97.14	37	36	34	29	29	24	8	6 0	6	8	2	2	2	4	4	4	4	4	4	4	5	5	5	
06	11	97.25	38	37	35	28	29	40	8	2 1	6	8	5	2	2	4	4	4	4	4	4	4	5	5	5	
06	14	97.62	35	37	35	29	23	40	8	6 1	2	8	6	2	2	4	4	4	4	4	4	4	5	5	5	
06	17	98.08	38	37	34	26	20	40	8	0 2	2	8	6	2	2	4	4	4	4	4	4	4	5	5	5	
06	20	98.48	38	37	34	27	22	56	8	0 5	2	7	2	2	2	4	4	4	4	4	4	4	5	5	5	
06	23	98.81	36	35	33	23	26	80	8	8 0	2	8	2	2	2	4	4	4	4	4	4	4	5	5	5	
07	05	99.41	36	35	32	28	13	81	7	2 6	8	3	2	8	2	2	4	4	4	4	4	4	5	5	5	
07	08	99.52	36	35	33	25	12	81	8	0 2	8	5	2	8	2	2	4	4	4	4	4	4	5	5	5	
07	11	99.59	38	36	31	30	13	81	8	0 1	8	3	2	8	2	2	4	4	4	4	4	4	5	5	5	
07	14	99.46	34	34	34	01	01	10	8	7 1	7	8	6	2	2	2	4	4	4	4	4	4	5	5	5	
07	17	99.03	36	35	35	05	07	15	24	8	6 1	7	7	7	5	2	2	4	4	4	4	4	5	5	5	
07	20	98.71	40	39	38	33	04	16	8	6 1	6	7	7	3	2	2	4	4	4	4	4	4	5	5	5	
07	23	98.44	42	42	41	33	14	16	8	6 1	6	8	7	4	2	2	4	4	4	4	4	4	5	5	5	
08	05	97.97	41	41	40	29	03	24	8	5 1	6	8	6	2	2	2	4	4	4	4	4	4	5	5	5	
08	08	78.84	40	40	36	03	02	81	7	0 1	5	7	6	3	2	2	4	4	4	4	4	4	5	5	5	
08	11	78.40	40	39	37	31	01	24	8	5 1	5	8	6	2	2	2	4	4	4	4	4	4	5	5	5	
08	14	77.71	39	38	36	36	01	32	8	0 2	2	8	6	2	2	2	4	4	4	4	4	4	5	5	5	
08	17	77.54	39	38	37	02	09	80	8	0 2	2	8	6	2	2	2	4	4	4	4	4	4	5	5	5	
08	20	77.28	38	37	35	07	09	80	8	0 1	2	4	4	2	2	2	4	4	4	4	4	4	5	5	5	
08	23	96.87	37	36	35	06	09	24	8	0 2	2	8	6	2	2	2	4	4	4	4	4	4	5	5	5	
09	05	96.48	35	34	34	05	07	40	8	6 0	2	8	6	3	2	2	4	4	4	4	4	4	5	5	5	
09	08	96.54	37	36	35	00	00	16	8	6 0	2	8	6	3	2	2	4	4	4	4	4	4	5	5	5	
09	11	96.81	39	38	35	20	19	40	8	0 3	2	4	7	3	1	2	4	4	4	4	4	4	5	5	5	
09	14	97.20	39	37	34	20	27	81	7	0 1	2	3	1	4	9	2	5	5	5	5	5	5	5	5		
09	17	97.53	37	37	35	23	21	32	8	2 1	2	8	6	2	2	2	4	4	4	4	4	4	5	5		
09	20	97.86	37	37	36	24	27	40	8	0 2	2	8	6	2	2	2	4	4	4	4	4	4	5	5		
09	23	98.30	38	36	34	22	30	81	8	0 2	2	8	6	2	2	2	4	4	4	4	4	4	5	5		
10	05	96.28	37	36	33	22	27	40	7	0 2	2	8	6	2	2	2	4	4	4	4	4	4	5	5		
10	08	99.98	39	36	33	24	26	80	7																	

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF																			HEARD ISLAND FEBRUARY 1950													
DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB		WET BULB		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	HEIGHT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE					
		L.S.T.	Mbs.	"F	"F	"F	"F		*x10	Kts.		Oktas	WW	W	Oktas	C _L	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	*x10	Kts.	Hours			
11	0 5	9 9 6 1	3 9	3 8	3 7	0 7	0 6	1 6	8	5 1	5	8	6	2																		
11	0 8	9 9 4 2	4 1	4 0	3 9	3 0	1 5	3 2	8	6 1	6	7	7	4	2	0	0	0	6	6	6	9										
11	1 1	9 9 5 9	4 0	3 7	3 2	2 7	1 2	8 0	8	0 5	6	4	8	4	2	1	1	0	6	6	6	9										
11	1 4	9 9 6 9	4 0	3 7	3 2	2 9	2 2	8 1	8	0 5	2	2	2	1	1	0	0	0	6	6	6	9										
11	1 7	9 9 8 4	4 0	3 7	3 2	2 9	2 3	8 1	5	0 2	2	2	5	2	4	4	1	0	6	6	6	9										
11	2 0	9 9 8 7	3 8	3 6	3 2	3 0	2 5	8 0	5	0 5	1	5	2	4	0	0	0	6	6	6	9											
11	2 3	9 9 8 1	3 8	3 6	3 3	2 9	1 9	8 1	8	0 2	2	8	5	4				9	9	9	9											
12	0 5	9 9 3 1	3 9	3 8	3 6	3 1	2 8	2 4	8	6 0	6	6	6	3				7	7	7	9											
12	0 8	9 9 4 7	4 0	3 7	3 2	2 9	2 5	8 0	7	0 2	6	6	5	4	7			7	7	7	9											
12	1 1	9 9 6 2	4 0	3 7	3 2	3 1	2 7	3 2	8	0 2	2	7	1	4	2			6	6	6	9											
12	1 4	9 9 8 9	4 0	3 8	3 4	3 0	2 4	8 0	8	0 5	2	5	1	4	1			6	6	6	9											
12	1 7	0 0 1 7	3 9	3 7	3 3	3 0	2 2	4 0	7	0 5	2	7	2	4				6	6	6	9											
12	2 0	0 0 4 4	3 8	3 6	3 2	3 0	1 8	8 0	8	0 5	2	7	2	4	7			6	6	6	9											
12	2 3	0 0 3 2	3 8	3 7	3 4	2 8	1 2	4 0	8	8 0	2	8	2	4				4	4	3	7	0 0 2 1	2 4 5	2 9	4 4	0 2 0						
13	0 5	9 9 5 9	4 1	4 0	3 9	3 0	3 5	3 3	8 2	6 0	6	7	7	3	1			7	7	7	9											
13	0 8	9 9 6 6	4 1	3 9	3 7	3 0	3 0	1 6	8	0 2	6	7	2	3	0			5	5	5	9											
13	1 1	9 9 7 9	4 0	3 7	3 2	2 7	2 2	5 6	5	0 5	2	6	2	4	0			5	5	5	9											
13	1 4	0 0 2 2	4 0	3 7	3 3	2 7	1 9	4 0	7	0 5	2	7	2	4				5	5	5	9											
13	1 7	0 0 3 2	3 9	3 6	3 1	2 7	1 4	6 4	5	0 5	2	1	2	4	3			5	5	5	9											
13	2 0	0 0 2 8	3 7	3 5	3 1	2 4	0 7	8 0	7	0 3	2	3	2	4	3			5	5	5	9											
13	2 3	0 0 1 5	3 7	3 4	2 8	2 9	0 5	8 1	8	0 2	2	8	2	4	9			4	4	3	6	0 0 1 5	4 7 2	2 9	6 8	0 3 7						
14	0 5	9 9 7 9	3 5	3 4	3 5	2 3	0 9	8 1	7	2 6	7	6	2	4	7			5	5	5	9											
14	0 8	9 9 7 7	3 6	3 5	3 2	2 0	1 5	8 1	7	2 6	7	6	2	4	7			5	5	5	9											
14	1 1	9 9 8 6	3 7	3 6	3 3	2 3	1 3	8 0	7	0 2	2	7	2	4	8			5	5	5	9											
14	1 4	0 0 1 2	3 7	3 5	3 1	2 4	2 5	8 1	8	0 2	2	8	2	4	8			5	5	5	9											
14	1 7	0 0 4 0	3 7	3 6	3 2	2 5	2 2	8 1	8	0 2	2	8	2	4	8			5	5	5	9											
14	2 0	0 0 8 2	3 7	3 5	3 1	2 3	3 0	8 0	7	0 2	2	8	2	4	8			5	5	5	9											
14	2 3	0 1 0 6	3 7	3 5	3 1	2 5	2 7	8 1	5	0 2	2	6	2	4	0			5	5	5	9											
15	0 5	0 1 5 4	3 6	3 5	3 2	2 3	1 7	8 1	7	0 2	2	7	2	4	4			5	5	5	9											
15	0 8	0 1 6 5	3 7	3 6	3 4	2 2	1 1	8 1	8	0 5	2	7	8	4	7			5	5	5	9											
15	1 1	0 1 6 0	3 9	3 8	3 5	3 1	1 1	8 1	8	2 5	8	8	2	3				6	6	6	9											
15	1 4	0 1 5 6	3 9	3 7	3 4	2 8	1 3	5 2	8	1 0	8	8	8	2	2			5	5	5	9											
15	1 7	0 1 3 9	3 8	3 7	3 5	3 0	1 1	8 0	8	0 2	2	7	8	2	1			6	6	6	9											
15	2 0	0 1 1 6	3 9	3 7	3 4	0 4	0 7	8 0	8	0 2	2	7	2	3	1			7	7	7	9											
15	2 3	0 0 8 4	3 9	3 8	3 7	3 2	1 4	8 0	7	0 2	2	7	5	3				7	7	7	9											
16	0 5	9 9 8 8	4 2	4 1	4 0	3 2	1 9	2 4	8	5 1	5	8	6	3				7	7	7	9											
16	0 8	9 9 7 6	4 2	4 0	3 2	1 4	1 4	2 4	8 0	5 1	5	8	6	2				7	7	7	9											
16	1 1	9 9 0 8	4 1	4 0	3 9	3 4	0 3	2 0	8	5 1	5	8	6	2				9	9	9	9											
16	1 4	9 9 8 1	3 4	3 4	3 4	2 3	2 2	1 6	8	7 7	7	8	7	2				5	5	5	9											
16	1 7	9 9 0 9	3 5	3 4	3 3	2 1	3 1	8 1	8	0 2	7	7	7	4	7			5	5	5	9											
16	2 0	9 9 7 6	3 7	3 4	2 9	2 3	3 5	8 1	6	0 1	2	5	2	4	4			5	5	5	9											
16	2 3	0 0 0 8	3 7	3 4	2 9	2 7	1 4	8 0	5 1	5	7	8	3	5				6	6	6	9											
17	0 5	0 0 1 9	3 6	3 4	3 1	2 9	1 4	3 2	8 1	7	7	7	8	3				6	6	6	9											
17	0 8	9 9 7 6	3 5	3 4	3 3	3 0	2 7	1 6	8 0	6 8	6	8	7	3				6	6	6	9											
17	1 1	9 9 2 6	3 8	3 7	3 6	2 9	3 0	3 0	8 0	8 2 5	8	3	8	4				6	6	6	9											
17	1 4	9 9 4 0	3 9	3 8	3 6	2 6	2 9	4 8	8	0 2	2	8	8	2				6	6	6	9											
17	1 7	9 9 6 3	3 9	3 8	3 6	2 7	3 5	5 6	8	0 2	2	8	8	7				6	6	6	9											
17	2 0	9 9 9 1	3 8	3 7	3 6	2 5	1 7	4 6	8	0 2	2	8	8	7				6	6	6	9											
17	2 3	0 9 9 3	3 8	3 7	3 6	2 7	1 4	2 4	8 0	5 1	5	6	4	8				6	6	6	9											

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF FEBRUARY 1950**

RESULTS OF SURFACE OBSERVATIONS AT													HEARD ISLAND FEBRUARY 1950																				
FOR THE MONTH OF																																	
DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB		WET BULB		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD		CLOUD DIRECTION		MIDDLE CLOUD		HIGH CLOUD		MAXIMUM TEMPERATURE		MINIMUM TEMPERATURE		PRECIPITATION		ANEMOMETER		MAXIMUM GUST		
		Mbs.	"F	"F	"F	"F	"F		Kts.	"x10	VV	Oktas	ww	W	Oktas	Cl	TYRE	HEIGHT	MIDDLE	CL	CH	CH	"F	"F	Points	Miles	"x10	Kts.	Direction	Speed	Sunshine		
LST.																																	
21	05	00	62	3.5	3.3	2.9	2.2	18	81	7	02	2	7	5	4					5	6	1	1	1	1	41	32	0000	469	07	34	000	
21	08	00	49	3.6	3.3	2.7	0.0	00	81	8	02	2	8	5	5					9	9	9	9	9	9	9	9	9	9	9	9	9	9
21	11	00	18	3.4	3.5	3.1	0.2	10	40	8	71	2	8	7	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	14	99	75	3.4	3.4	3.4	0.7	26	46	8	71	7	8	7	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	17	99	18	3.6	3.5	3.3	0.7	24	40	8	61	6	8	7	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	20	98	75	3.8	3.8	3.8	0.7	07	32	8	51	5	8	0	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	23	98	56	4.0	3.9	3.8	0.0	00	80	8	02	5	7	2	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
21	05	98	02	3.9	3.8	3.7	3.2	12	16	8	51	5	7	7	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	08	97	87	3.9	3.8	3.7	3.2	31	16	8	63	6	8	7	3					2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	11	98	01	3.9	3.8	3.7	2.7	27	36	8	21	6	8	8	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	17	98	83	3.8	3.8	3.8	2.7	24	32	8	50	5	8	6	3					2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	20	99	09	3.7	3.7	5.7	2.2	24	32	8	50	5	8	6	2					2	2	2	2	2	2	2	2	2	2	2	2	2	2
22	23	99	57	3.6	3.5	3.4	2.2	28	32	8	50	5	8	6	2					2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	05	00	10	3.7	3.6	3.3	2.2	25	80	7	02	2	7	6	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	08	00	43	3.8	3.6	3.3	2.3	17	80	7	02	2	5	8	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	11	00	59	3.9	3.5	2.9	2.6	04	81	8	02	2	8	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	14	00	58	3.8	3.6	3.2	0.0	00	80	8	02	2	7	5	7					2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	17	00	64	3.6	3.5	3.3	2.3	02	16	8	02	2	7	7	2					2	2	2	2	2	2	2	2	2	2	2	2	2	2
23	20	00	69	3.4	3.4	3.4	2.1	02	32	8	02	2	7	7	5					2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	05	00	74	3.5	3.5	3.2	2.2	03	80	8	02	2	8	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	08	00	93	3.4	3.5	3.1	0.0	00	80	8	02	2	8	7	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	11	00	16	3.5	3.3	2.9	0.2	05	80	7	02	2	7	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	14	00	20	3.7	3.6	3.4	0.4	08	80	7	02	2	7	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	17	00	12	3.7	3.5	3.2	0.9	14	81	7	02	2	6	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	20	00	10	3.6	3.4	3.0	0.9	13	81	5	01	2	5	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
24	23	00	89	3.6	3.5	3.3	1.1	03	81	7	02	2	7	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	05	00	75	3.5	2.9	0.9	1.8	80	7	05	1	3	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	08	00	77	3.6	3.4	3.0	0.0	00	81	8	02	2	3	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	11	00	70	3.9	3.5	3.1	0.0	00	81	8	02	1	1	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	14	00	69	4.5	3.9	2.9	0.9	14	81	6	02	1	1	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	17	00	64	4.0	3.6	3.0	2.1	03	81	4	01	1	1	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	20	00	63	3.6	3.3	2.7	0.9	13	81	2	01	1	1	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	23	00	64	3.5	3.2	2.6	2.7	05	81	1	01	1	1	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	05	00	50	3.4	3.4	3.3	0.8	22	81	7	02	1	1	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	08	00	57	3.5	3.5	3.2	0.8	20	80	7	02	2	4	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	11	00	56	3.8	3.5	3.0	0.6	15	81	7	02	2	2	7	5					2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	14	00	63	3.9	3.9	3.1	0.6	11	81	7	02	2	5	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	17	00	64	3.7	3.5	3.0	0.4	06	81	8	02	2	8	6	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	20	00	73	3.5	3.5	3.2	0.2	02	64	8	02	2	8	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
26	23	00	77	3.5	3.3	3.2	0.0	00	96	8	50	7	8	8	3					2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	05	00	87	3.6	3.5	3.3	2.2	28	80	8	02	2	8	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	08	00	106	3.6	3.5	3.0	2.0	27	80	7	02	2	2	7	5					2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	11	00	121	3.7	3.4	2.9	2.0	18	80	7	02	2	2	7	5					2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	14	00	130	3.9	3.5	2.6	2.2	18	80	6	01	2	5	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	17	00	131	3.7	3.5	3.2	2.2	14	81	6	02	2	6	5	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	20	00	124	3.6	3.5	3.3	3.0	04	81	8	03	2	8	6	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2
27	23	01	08	3.7	3.4	2.9	1.1	81	8	02	2	8	6	4					2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	05	00	38	3.6	3.5	3.3	3.2	11	24	8	63	6	8	7	3					2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	08	00	29	3.7	3.5	3.2	0.6	24	8	66	6	8	7	3					2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	11	00	99	3.5																													

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF MARCH 1950**

DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE				
		DIRECTION	SPEED				*x10	Kts.						C _L	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	DIRECTION	SPEED	
LST.		Mbs.	"F	"F	"F	"F	"x10	Kts.	VV	Oktas	W	Oktas	C _L	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	"x10	Kts.	Hours	
01	02	39 3 38	3 3	3 2	3 1	2 2	1 8	5 6	4	2 7	2	4	2	4	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
01	05	99 5 2	3 2	3 2	3 1	2 3	1 5	6 4	7	0 2	7	7	8	3	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
01	08	99 5 3	3 5	3 5	3 4	2 9	1 2	6 4	7	1 6	2	7	8	2	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
01	11	99 5 2	3 4	3 4	3 4	2 3	2 3	7 2	8	2 6	7	8	8	2	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
01	14	99 7 5	3 6	3 5	3 5	2 5	2 3	7 2	8	2 6	7	6	8	2	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
01	17	00 0 1	3 6	3 5	3 5	2 3	2 4	7 2	8	2 6	7	5	8	2	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
01	20	00 2 3	3 4	3 4	3 5	2 5	3 2	1 6	8	7 0	7	8	8	3	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
01	23	00 4 0	3 6	3 4	3 1	2 3	2 5	4 8	8	0 2	7	5	8	3	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
02	02	00 6 0	3 5	3 3	2 9	2 3	2 3	4 8	8	0 2	2	8	8	3	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
02	05	00 7 8	3 6	3 4	3 0	2 2	2 3	6 4	8	8 9	2	8	2	3	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
02	08	00 9 5	3 4	3 3	3 1	2 2	2 3	6 4	7	8 5	8	7	2	4	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
02	11	01 1 6	3 6	3 5	3 5	2 2	1 8	8 0	5	0 1	8	5	2	4	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
02	14	01 2 8	3 9	3 6	3 1	2 2	1 7	8 1	1	0 1	1	1	1	1	0	0	5	5	5	5	5	5	5	5	5	5	0 0 1
02	17	01 4 0	3 8	3 5	3 0	2 2	1 6	8 1	3	0 3	1	3	8	4	0	0	4	4	4	4	4	4	4	4	4	4	0 0 1
02	20	01 5 3	3 6	3 4	3 0	2 5	1 0	8 1	4	0 3	1	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
02	23	01 6 2	3 3	3 1	2 7	0 0	0 0	8 2	0	0 1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
03	02	01 6 7	3 2	3 0	2 7	0 0	0 0	8 0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
03	05	01 6 2	3 1	2 9	2 5	0 0	0 0	8 2	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
03	08	01 6 5	3 6	3 3	2 7	0 0	0 0	8 2	2	0 3	1	2	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
03	11	01 6 9	3 7	3 4	3 0	0 0	0 0	8 1	8	0 2	2	7	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
03	14	01 5 8	3 8	3 5	3 0	3 4	0 5	8 1	7	0 2	1	6	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
03	17	01 4 1	3 7	3 4	2 9	3 2	0 3	8 1	8	0 2	2	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
03	20	01 3 9	3 5	3 2	2 6	2 2	0 4	8 1	8	0 2	2	8	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
03	23	01 2 0	3 3	3 1	2 7	0 0	0 0	8 1	7	0 1	2	7	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
04	02	01 0 9	3 3	3 1	2 7	3 6	0 3	8 1	7	0 1	2	7	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
04	05	00 7 7	3 2	3 0	2 7	3 5	0 7	8 1	7	0 2	2	7	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
04	08	00 6 7	3 4	3 2	2 8	3 5	0 6	8 1	7	0 2	2	7	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
04	11	00 4 0	3 5	3 3	2 7	0 3	1 4	8 1	7	0 2	2	7	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
04	14	00 0 2	3 5	3 5	2 8	0 3	1 5	8 1	8	0 2	2	8	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
04	17	99 5 7	3 5	3 5	2 9	0 4	2 2	8 1	8	0 2	2	8	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
04	20	99 1 8	3 5	3 4	3 1	0 4	1 4	8 0	8	0 2	2	8	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
04	23	98 7 0	3 5	3 5	3 5	0 7	2 0	1 6	8	7 3	6	6	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
05	02	98 2 6	3 5	3 5	3 4	0 5	0 7	1 6	8	5 0	7	8	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
05	05	98 1 4	3 5	3 5	3 4	0 4	0 8	4 8	8	2 1	2	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
05	08	97 8 2	3 8	3 6	3 3	2 9	1 8	8 0	8	0 2	2	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
05	11	97 8 7	3 8	3 6	3 3	3 0	2 5	8 0	8	2 5	8	8	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
05	14	98 0 0	3 9	3 7	3 4	2 9	2 5	8 0	8	0 2	2	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
05	17	97 9 7	3 9	3 6	3 2	2 9	2 7	8 0	8	0 2	2	8	8	2	4	0	0	0	0	0	0	0	0	0	0	0	0 0 1
05	20	97 9 1	3 7	3 5	3 3	2 9	2 0	8 0	8	0 2	2	8	8	2	4	0	0	0	0	0	0	0	0	0	0	0	0 0 1
06	02	97 6 1	3 7	3 5	3 5	2 9	1 9	8 0	8	0 2	2	8	8	2	4	0	0	0	0	0	0	0	0	0	0	0	0 0 1
06	05	97 4 4	3 7	3 6	3 2	2 7	1 9	6 4	8	6 3	6	6	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
06	08	98 4 1	3 5	3 5	3 2	2 7	2 4	4 0	8	7 0	2	2	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
06	11	98 5 6	3 6	3 4	3 0	2 7	2 6	4 8	8	0 5	7	8	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
06	14	98 6 3	3 4	3 4	3 3	2 9	2 5	2 0	7 2	8 0	5	7	8	8	4	0	0	0	0	0	0	0	0	0	0	0	0 0 1
06	17	98 6 4	3 4	3 4	3 3	2 1	1 7	5 6	8	7 0	7	8	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
06	20	98 5 5	3 4	3 5	3 1	3 0	1 8	5 6	8	7 0	7	5	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
06	23	98 5 1	3 5	3 4	3 3	3 0	2 5	5 6	8	0 2	5	3	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
06	01	98 4 7	3 6	3 5	3 3	2 2	1 6	8 0	8	2 1	6	8	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0 0 1
06	04	98 7 7	3 8	3 6	3 5	2 2	3 7	6 4</td																			

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF MARCH 1950																																						
DAY	HOUR	STATION ELEVATION PRESSURE		DRY BULB		WET BULB		DEW POINT		WIND DIRECTION		WIND SPEED		VISIBILITY		TOTAL CLOUD		PRESENT WEATHER		LOW CLOUD		CLOUD DIRECTION		MIDDLE CLOUD		HIGH CLOUD		MAXIMUM TEMPERATURE		MINIMUM TEMPERATURE		PRECIPITATION		ANEMOMETER		MAXIMUM GUST		SUNSHINE
		LST.	Mbs.	"F	"F	"F	"F	"x10	Kts.	VV	Oktas	WW	W	Oktas	C _L	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	"x10	Kts.	Hours										
11	0 2	9 8 3 9	3 7	3 5	3 2	2 3	0 7	7 2	7	0 2	2	7	5	4																								
11	0 5	9 8 3 3	3 6	3 5	3 3	2 7	1 0	8 0	8	8 0	2	8	8	4																								
11	0 8	9 8 3 5	3 6	3 5	3 3	2 5	0 8	8 0	8	8 0	2	8	8	4																								
11	1 1	9 8 4 5	3 4	3 3	3 3	2 2	1 8	8 4	8	7 7	2	8	5	2																								
11	1 4	9 8 5 2	3 4	3 4	3 4	2 0	2 3	6 4	7	7 0	7	7	6	4																								
11	1 7	9 8 7 1	3 5	3 3	2 9	2 2	8 1	7 0	2 0	2	7	5	5	4																								
11	2 0	9 8 8 4	3 5	3 2	2 5	2 2	2 9	8 0	7	7 0	2	7	5	5																								
11	2 3	9 8 9 7	3 6	3 5	3 5	2 6	4 0	8 0	8	8 1	8	8	2	4																								
12	0 2	9 9 1 8	3 6	3 5	3 3	2 0	2 6	4 0	8	8 3	8	8	2	4																								
12	0 8	9 9 5 0	3 6	3 4	3 0	2 0	3 1	4 0	8	8 1	9	6	2	4																								
12	1 1	0 0 1 3	3 4	3 4	3 4	1 9	2 0	3 7	3 2	8	8 7	8	8	2	4																							
12	1 4	0 0 3 7	3 5	3 4	3 2	1 9	3 0	8 1	7	7 2	8	7	8	4																								
12	1 7	0 0 5 0	3 5	3 4	3 2	2 2	3 0	8 1	7	7 2	8	7	8	4																								
12	2 0	0 0 8 0	3 5	3 3	3 2	1 8	2 5	8 0	7	7 2	2	7	7	4																								
12	2 3	0 0 9 0	3 5	3 4	3 3	1 8	2 6	4 8	2	3 1	3 2	5	4	4																								
13	0 2	0 1 1 3	3 5	3 4	3 2	1 6	2 4	6 4	5	0 3	3	6	5	4																								
13	0 5	0 1 3 1	3 5	3 2	2 9	2 1	2 3	0 0	7	0 2	1	7	5	5																								
13	0 8	0 1 4 1	3 5	3 2	2 8	2 1	2 0	8 1	7	0 2	2	7	5	5																								
13	1 1	0 1 4 5	3 6	3 5	3 3	2 8	2 4	1 7	8 1	7	0 2	2	7	5	5																							
13	1 4	0 1 4 1	3 7	3 4	3 0	2 7	0 9	8 1	8	0 2	2	8	5	4																								
13	1 7	0 1 2 7	3 7	3 5	3 3	2 8	1 2	4 0	8	5 0	2	8	7	2																								
13	2 0	0 1 1 4	3 7	3 6	3 6	2 8	1 4	1 6	8	5 1	5	8	7	2																								
13	2 3	0 1 1 5	3 6	3 5	3 4	2 2	2 6	4 8	8	0 2	5	8	8	4																								
14	0 2	0 1 3 7	3 6	3 3	3 0	2 1	2 6	4 8	8	0 2	2	8	8	4																								
14	0 5	0 1 5 6	3 6	3 4	3 2	2 2	2 5	2 5	8 0	7	0 2	2	7	8	4																							
14	0 8	0 1 5 6	3 6	3 5	3 3	2 5	1 8	8 0	8	0 2	2	8	8	4																								
14	1 1	0 1 5 3	3 7	3 5	3 3	2 7	1 1	8 1	8	0 2	2	8	8	4																								
14	1 4	0 1 5 1	3 8	3 6	3 2	2 7	1 2	8 1	8	0 2	2	8	8	4																								
14	1 7	0 1 2 9	3 7	3 4	3 1	2 7	0 6	8 1	8	0 2	2	8	8	5																								
14	2 0	0 1 0 3	3 6	3 4	3 2	2 5	1 2	4 0	8 1	7 0	0 2	2	7	8	5																							
14	2 3	0 0 8 7	3 5	3 4	3 1	2 5	1 3	8 0	8	2 0	2	8	8	5																								
15	0 2	0 0 2 5	3 5	3 4	3 3	0 2	0 5	8 0	8	5 0	2	8	8	5																								
15	0 5	9 9 3 8	3 6	3 5	3 4	0 7	1 6	8 0	8	6 3	5	8	0	4																								
15	0 8	9 9 6 3	3 9	3 9	3 8	0 4	1 2	8 0	8	5 3	6	8	6	3																								
15	1 1	9 8 4 6	4 0	3 9	3 8	2 7	1 7	1 6	8 0	5 1	5	8	7	3																								
15	1 4	9 8 2 8	4 0	3 9	3 8	2 7	1 4	1 6	8 0	5 1	5	8	6	3																								
15	1 7	9 7 9 5	3 9	3 7	3 4	3 0	2 8	6 4	7	2 5	5	7	8	4																								
15	2 0	9 7 7 7	3 6	3 4	3 1	2 9	4 5	3 2	6 8	5 8	5	2	4	4																								
15	2 3	9 7 6 2	3 7	5 4	2 9	2 9	4 8	3 2	8 0	8 2	8	2	5	4																								
16	0 2	9 7 3 7	3 7	3 5	3 2	2 9	2 7	5 0	4 8	8 0	8 2	2	8	8	4																							
16	0 5	9 7 3 7	3 5	3 3	3 0	2 7	4 0	4 8	8 0	8 2	2	8	8	4																								
16	0 8	9 7 6 5	3 6	3 3	3 2	2 7	3 4	6 4	8 0	7 2	2	8	8	4																								
16	1 1	9 9 5 0	3 6	3 5	3 4	2 2	1 0	8 1	8	0 2	2	5	8	4																								
16	1 4	9 9 5 7	3 8	5 4	2 6	1 6	2 2	8 1	6 0	5 3	1	5	8	4																								
16	1 7	9 9 7 5	3 5	3 2	2 8	2 0	2 2	8 2	1	0 1	1	1	4	4																								
16	2 0	0 0 0 1	3 5	3 1	2 8	2 0	2 4	8 2	1	0 1	1	1	4	4																								
16	2 3	0 0 2 3	3 5	3 2	2 8	2 0	2 0	8 1	4	0 3	1	4	4	4																								
17	0 2	0 0 4 2	3 5	3 3	3 0	2 0	2 4	8 1	4	0 3	1	4	4	4																								
17	0 5	0 0 5 6	3 5	3 2	2 7	2 5	2 2	8 1	7	0 2	1	7	5	5																								
17	0 8	0 0 6 0	3 4	3 3	3 2	2 2	2 0	8 1	7	2 7	8	4	8	4																								
17	1 1	0 0 6 3	3 4	3 4	3 2	2 3	1 8	7 2	8	2 7	8	8	8	4																								
17	1 4	0 0 4 6	3 6	3 5	3 4	2																																

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF**

**HEARD ISLAND
MARCH 1950**

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND DIRECTION	WIND SPEED * x10	VISIBILITY Kts.	VV	Oktas	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	TYPE	HEIGHT	CLOUD DIRECTION			MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F	PRECIPITATION	ANEMOMETER DIRECTION	MAXIMUM GUST SPEED * x10	SUNSHINE Hours		
																	LOW	MIDDLE	HIGH	CL	CM	CH	Miles	Kts.			
21	0 2	9910	35	34	33	29	25	64	8	0 2	2	8	2	4													
21	0 5	9918	34	34	34	22	25	64	8	0 2	7	8	2	4													
21	0 6	9943	35	34	32	25	35	80	8	0 2	7	8	2	4													
21	1 1	9969	36	35	34	25	30	81	8	0 2	2	7	2	4													
21	1 4	9987	37	34	29	27	20	81	8	0 2	2	8	8	5													
21	1 7	9996	36	33	27	32	24	80	8	0 2	2	8	8	5													
21	2 0	0 0 0 9	33	32	31	22	26	24	8	7 2	7	8	2	4													
21	2 3	0 0 0 3	33	35	33	27	15	40	8	0 2	7	8	2	4													
22	0 2	9998	33	35	33	22	15	40	8	5 0	2	7	8	5													
22	0 5	9980	33	33	33	22	10	16	8	7 1	7	8	2	4													
22	0 8	9998	35	34	33	22	0 8	64	8	2 0	5	7	6	2													
22	1 1	0 0 34	36	35	34	23	0 6	80	7	0 1	2	6	5	4													
22	1 4	0 0 55	37	37	36	22	10	80	8	0 2	2	8	6	3													
22	1 7	0 0 66	37	37	36	22	14	40	8	5 0	2	8	6	1													
22	2 0	0 0 57	37	37	36	24	14	40	8	5 1	5	8	6	2													
22	2 3	0 0 46	38	38	38	21	15	44	8	8 1	8	8	2	3													
23	0 2	0 0 51	39	39	39	22	16	16	8	8 1	8	8	2	3													
23	0 5	0 0 47	38	37	36	21	20	32	8	8 1	8	8	2	3													
23	0 8	0 0 48	39	38	38	21	20	40	8	5 5	5	7	3	3													
23	1 1	0 0 53	40	39	38	21	23	16	8	5 9	5	8	7	2													
23	1 4	0 0 57	38	38	37	22	20	24	8	0 2	2	8	6	1													
23	1 7	0 0 65	37	37	36	22	19	0 4	8	5 9	5	8	7	0													
23	2 0	0 0 63	37	36	36	22	18	0 8	8	5 0	5	8	5	1													
23	2 3	0 0 57	37	37	36	23	12	16	8	0 0	8	8	8	1													
24	0 2	0 0 39	37	37	36	22	15	16	8	0 0	8	8	8	2													
24	0 5	0 0 33	37	36	35	22	26	32	8	0 0	2	8	6	2													
24	0 8	0 0 46	36	35	34	22	24	40	8	0 2	2	8	7	2													
24	1 1	0 0 62	37	36	35	22	24	64	8	0 2	2	8	8	5													
24	1 4	0 0 75	38	35	31	27	18	64	8	0 2	2	8	8	4													
24	1 7	0 0 90	37	35	32	22	22	48	8	5 8	2	8	8	4													
24	2 0	0 0 95	36	35	32	22	30	40	8	2 5	8	8	8	4													
24	2 3	0 1 06	37	35	32	22	25	48	8	0 2	2	8	8	4													
25	0 2	0 1 13	36	34	32	22	25	50	8	0 2	2	8	8	4													
25	0 5	0 1 19	35	34	33	22	21	72	8	0 2	2	8	8	5													
25	0 8	0 1 20	35	34	33	22	16	80	8	7 0	2	8	8	5													
25	1 1	0 1 24	36	35	34	22	12	80	7	0 2	7	4	8	5													
25	1 4	0 1 19	37	36	35	22	0 8	80	8	0 2	2	8	8	4													
25	1 7	0 1 15	38	37	36	22	0 4	80	8	0 2	2	8	8	2													
25	2 0	0 1 03	38	37	37	31	0 2	16	8	2 0	5	8	8	2													
25	2 3	0 0 92	36	36	35	0 1	0 5	10	8	5 0	2	8	8	3													
26	0 2	0 0 81	39	39	38	21	15	10	8	5 8	5	8	8	3													
26	0 5	0 0 76	41	40	40	22	18	24	8	5 0	5	8	8	3													
26	0 8	0 0 82	39	39	38	22	18	0 8	8	5 5	6	8	8	3													
26	1 1	0 0 81	44	43	42	0 9	0 4	80	8	2 0	5	8	8	3													
26	1 4	0 0 73	44	43	42	0 1	0 5	80	8	0 2	2	8	8	3													
26	1 7	0 0 57	42	41	40	0 0	0 0	0 8	8	1 5	8	8	8	3													
26	2 0	0 0 41	42	41	41	0 0	0 0	0 8	8	1 5	8	8	8	3													
26	2 3	0 0 28	41	40	40	1 1	0 2	16	8	1 5	5	8	8	3													
27	0 2	0 0 11	39	39	38	0 4	0 3	1 6	8	1 5	5	8	8	3													
27	0 5	0 9 78	40	39	38	0 9	0 5	2 4	8	0 2	2	8	8	2													
27	0 8	0 9 46	40	39	39	0 7	0 6	4 0	8	4 0	5	8	8	2													
27	1 1	0 9 87	39	39	39	3 2	0 5	2 4	8	5 1	4	8	8	2													
27	1 4	0 9 83	40	40	40	0 4	1 0	90	8	5 1	6	4	7	2													
27	1 7	0 9 84	40	39	39	2 5	0 3	1 6	8	4 0	6	7	5	7													
27	2 0	0 9 74	39	39	39	2 2	0 4	2 4	8	5 0	5	8	8	4													
27	2 3	0 9 71	37	37	37	3 6	0 5	2 4	8	5 0	5	8	8	4													
28	0 2	0 9 6 5	36	36	35	2 2	0 2	3 2	8	1 5	6	8	8	2													
28	0 5	0 9 6 5	35	35	34	2 2	0 2	2 4	8	1 5	5	8	8	2													
28	0 8	0 9 6 3	38	37	36	3 2	0 2	1 5	8	2 0	5	8	8	2													
28	1 1	0 9 6 1	37	36	35	3 1	0 1	1 5																			

RESULTS OF SURFACE OBSERVATIONS AT																HEARD ISLAND															
FOR THE MONTH OF MARCH 1950																															
DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB		WET BULB		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	CLOUD DIRECTION		CLOUD HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW CLOUD	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE			
		LST.	Mbs.	"F	"F	"F	"F		*x10	Kts.	VV	Oktas	ww	W	Oldest	C _L	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	*x10	Kts.	Hours		
3 1	0 2	9 8 6 1	3 3	3 1	2 7	2 8	1 5	8 0	2	2 6	8	2	2	2	4	0	0	9	9	6	6	6	6	6	3 5	3 0	0 0 0 0	3 1 1	2 9	3 9	0 3 2
3 1	0 5	9 8 5 3	3 3	3 2	3 1	2 6	1 0	7 2	7	2 6	8	7	2	2	4	7	2	4	7	2	4	7	2	4	3 5	3 0	0 0 0 0				
3 1	0 8	9 8 5 7	3 1	3 1	3 0	2 8	1 5	7 2	7	8 5	8	7	2	2	4	7	2	4	7	2	4	7	2	4	3 5	3 0	0 0 0 0				
3 1	1 1	9 8 5 1	3 1	3 1	3 0	2 8	1 5	0 2	8	8 6	8	8	3	3	4	8	3	4	8	3	4	8	3	4	3 5	3 0	0 0 0 0				
3 1	1 4	9 8 4 1	3 4	3 4	3 3	2 7	2 0	6 4	7	2 6	8	7	2	2	4	7	2	4	7	2	4	7	2	4	3 5	3 0	0 0 0 0				
3 1	1 7	9 8 6 4	3 5	3 2	2 9	2 7	2 0	6 4	7	2 6	8	7	2	2	4	7	2	4	7	2	4	7	2	4	3 5	3 0	0 0 0 0				
3 1	2 0	9 8 8 3	3 3	3 1	2 8	2 7	1 0	8 0	5	2 6	8	5	0	0	0	0	0	0	0	0	0	0	0	0	3 5	3 0	0 0 0 0				
3 1	2 3	9 8 8 5	3 3	3 2	3 1	2 7	0 8	8 1	5	0 1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	3 5	3 0	0 0 0 0				

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF HEARD ISLAND
APRIL 1950**

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB		WET BULB		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	LOW CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE					
			Mbs.	°F	°F	°F		" x 10	Kts.		Oktas	ww	W	Oktas	C _L	h	C _M	C _H	C _L	C _M	C _H	°F	°F	Points	Miles	" x 10	Kts.			
01	0 2	9 8 8 6	3 0	3 0	2 9	2 2	0 5	8 1	7	0 3	1	7	8	5	0	0	0	0	0	0	0	9	5	5	0	0	0	0	0	
01	0 5	9 8 8 7	3 3	3 3	3 3	2 8	0 6	8 2	5	0 2	1	1	3	2	4	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
01	0 8	9 8 9 0	3 2	3 1	2 9	2 7	1 0	8 1	6	2 7	1	1	6	5	4	0	0	0	0	0	0	0	6	6	6	0	0	0	0	0
01	1 1	9 9 0 0	3 4	3 1	2 7	2 6	1 0	8 2	5	0 3	1	1	3	2	5	0	0	0	0	0	0	0	6	6	6	0	0	0	0	0
01	1 4	9 9 0 3	3 5	3 2	2 9	2 2	0 4	8 2	5	2 7	1	1	4	4	4	3	0	0	0	0	0	0	6	6	6	0	0	0	0	0
01	1 7	9 9 1 3	3 4	3 2	2 8	2 8	0 5	8 1	8	0 3	1	1	3	2	4	0	0	0	0	0	0	0	6	6	6	0	0	0	0	0
01	2 0	9 9 1 6	3 4	3 2	2 8	0 0	0 0	8 2	8	0 2	2	2	5	4	4	0	0	0	0	0	0	0	6	6	6	0	0	0	0	0
01	2 3	9 9 2 4	3 3	3 2	3 1	1 9	0 2	8 2	4	0 1	1	1	3	2	4	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
02	0 2	9 9 3 4	3 4	3 2	2 8	2 0	1 2	8 1	5	0 2	1	1	3	2	4	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
02	0 5	9 9 4 8	3 4	3 2	2 8	1 8	1 4	8 1	8	0 2	2	2	5	8	8	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
02	0 8	9 9 8 0	3 1	3 1	3 0	1 8	1 6	8 0	8	0 6	7	7	8	8	8	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
02	1 1	0 0 0 6	3 1	3 1	3 0	1 8	2 4	2 4	8	7 0	7	7	8	8	8	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
02	1 4	0 0 3 4	3 4	3 2	2 8	2 0	2 3	8 0	7	7 0	7	7	8	8	8	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
02	1 7	0 0 6 5	3 5	3 2	3 0	2 0	3 0	8 1	5	0 2	1	1	5	5	5	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
02	2 0	0 0 9 4	3 4	3 3	3 1	2 2	3 0	8 1	7	0 2	3	7	7	7	7	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
02	2 3	0 1 1 8	3 5	3 1	2 9	2 0	2 5	8 1	6	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
03	0 2	0 1 3 6	3 2	3 2	3 1	2 2	2 4	8 0	6	2 6	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
03	0 5	0 1 4 7	3 2	3 1	2 8	2 2	2 0	8 0	7	0 2	2	7	7	7	7	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
03	0 8	0 1 7 3	3 5	3 1	2 8	2 1	2 0	8 1	7	0 2	2	7	7	7	7	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
03	1 1	0 1 7 5	3 4	3 1	2 6	2 3	1 5	8 1	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
03	1 4	0 1 7 8	3 4	3 1	2 5	2 5	0 6	8 1	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
03	1 7	0 1 7 6	3 5	3 1	2 8	0 0	0 0	8 1	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
03	2 0	0 1 7 3	3 3	3 2	3 0	0 0	0 0	8 1	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
03	2 3	0 1 5 6	3 3	3 1	3 0	0 2	0 3	8 1	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
04	0 2	0 1 4 0	3 4	3 1	2 8	0 2	0 5	8 1	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
04	0 5	0 1 0 0	3 4	3 2	2 9	0 4	1 2	8 1	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
04	0 8	0 0 7 5	3 4	3 2	2 9	0 4	1 4	8 0	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
04	1 1	0 0 5 9	3 5	3 3	3 2	2 9	0 4	1 4	8 0	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	5	5	5	0	0	0	0	0
04	1 4	0 0 3 6	3 4	3 1	2 9	0 7	1 4	8 1	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
04	1 7	0 0 2 0	3 4	3 1	2 9	0 7	1 8	8 0	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
04	2 0	0 0 0 5	3 5	3 4	3 1	2 9	0 8	2 0	1 6	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	5	5	5	0	0	0	0	0
04	2 3	0 0 0 5	3 4	3 1	2 9	0 8	2 0	1 6	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
05	0 2	0 0 0 4	3 7	3 4	3 4	0 8	1 8	8 0	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
05	0 5	0 0 1 9	3 7	3 6	3 6	0 0	0 0	2 4	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
05	0 8	0 0 2 3	3 7	3 5	3 4	0 2	1 4	0 5	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
05	1 1	9 9 9 6	3 8	3 7	3 4	0 2	1 4	0 5	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
05	1 4	9 9 6 9	3 9	3 7	3 4	0 2	1 4	0 5	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
05	1 7	9 9 3 4	4 1	3 9	3 6	0 4	0 4	4 0	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
06	0 2	9 8 8 5	4 0	3 9	3 8	0 5	0 9	0 5	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
06	0 5	9 8 2 8	4 1	4 0	3 9	0 5	1 3	0 4	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
06	0 8	9 8 7 2	3 8	3 5	3 2	2 7	2 4	8 0	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	0	5	5	5	0	0	0	0	0
06	1 1	9 8 7 2	3 6	3 4	3 1	0 7	1 3	2 4	8 0	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	5	5	5	0	0	0	0	0
06	1 4	9 8 3 3	3 7	3 6	3 4	0 2	2 2	1 2	8 0	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	5	5	5	0	0	0	0	0
06	1 7	9 8 4 8	3 5	3 2	3 2	2 2	1 6	0 0	8 0	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	5	5	5	0	0	0	0	0
06	2 0	9 8 7 4	3 4	3 2	3 3	2 2	2 0	1 6	8 0	8 0	0 2	1	1	6	6	6	0	0	0	0	0	0	5	5	5	0	0	0	0	0
06	2 3	9 9 0 2	3 3	3 5	3 2	2 7	1 5	6 4	8 0	0 2	1	1	6	6	6	0														

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF APRIL 1950**

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF APRIL 1950																											
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB		WET BULB		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	LOW CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST							
			STATION	LEVEL	BULB	WET		DIRECTION	SPEED		PRES.	WEATHER	PAST WEATHER	AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED				
LST.	Mbs.	"F	"F	"F	"F	"F	=x10	Kts.	VV	Oktas	ww	W	Oktas	C.L.	h	Cm	Cm	C.L.	Cm	Cm	"F	"F	Points	Miles	*x10	Kts.	Hours
11	0 2	9 8 7 1	3 5	3 5	3 4	3 4	2 7	1 5	4 0	8	0 2	8	8	8	5				9								
11	0 5	9 8 6 6	3 4	3 4	3 3	3 3	2 3	1 4	5 6	8	0 2	2	8	8	4				9								
11	0 8	9 8 7 0	3 5	3 4	3 3	3 3	2 6	0 7	6 4	8	2 5	8	8	8	4				9								
11	1 1	9 8 7 8	3 4	3 4	3 4	3 4	2 2	1 1	4 8	8	5 0	8	8	6	5				9								
11	1 4	9 9 0 7	3 7	3 5	3 5	3 5	2 1	1 1	6 4	8	5 0	5	5	5	4				9								
11	1 7	9 9 6 0	3 5	3 4	3 3	3 3	2 0	1 8	4 8	6	6 8	8	5	8	4				9								
11	2 0	0 0 1 8	3 4	3 4	3 3	3 3	2 1	1 2	7 2	8	2 5	8	3	3	8				9								
11	2 3	0 0 7 4	3 4	3 2	2 9	1 9	0 5	R 0	1	0 1	1	1	1	5	5	0	0	0	5								
12	0 2	0 1 0 7	3 2	3 1	3 0	2 0	1 5	R 1	1	0 1	1	1	1	5	5	0	0	0	9								
12	0 5	0 1 4 7	3 3	3 0	2 4	1 9	0 2	R 1	3	0 2	1	3	3	5	5	0	0	0	5								
12	0 8	0 1 3 7	3 2	2 9	2 4	0 0	0 0	R 2	5	0 3	1	5	5	5	5	0	0	0	5								
12	1 1	0 1 2 1	3 5	3 2	2 7	0 1	0 2	R 2	8	0 2	2	8	8	4	8	8	8	8	8	8							
12	1 4	0 0 8 5	3 5	3 2	2 8	0 4	1 2	R 2	8	0 2	2	8	8	4	8	8	8	8	8	8							
12	1 7	0 0 4 4	3 5	3 5	2 9	0 2	1 2	8 1	8	0 2	2	8	8	4	8	8	8	8	8	8							
12	2 0	0 9 8 5	3 5	3 3	3 2	0 7	1 6	0 2	8	7	3	2	8	6	3	9	9	9	9	9							
12	2 3	0 9 3 6	3 4	3 4	3 3	0 7	0 6	1 6	8	5 8	7	8	8	3	9	9	9	9	9	9							
13	0 2	0 9 0 6	3 6	3 5	3 6	3 6	2 3	1 8	1 5	8	5 8	6	3	7	3	9	9	9	9	9							
13	0 5	0 9 1 6	3 6	3 6	3 5	2 2	1 4	0 8	8	5 8	6	6	8	7	3	9	9	9	9	9							
13	0 8	0 9 1 6	3 6	3 6	3 5	2 2	2 4	4 0	8	5 8	6	6	8	6	2	9	9	9	9	9							
13	1 1	0 9 3 4	3 7	3 6	3 5	2 3	2 4	4 0	8	2 0	5	5	5	4	9	9	9	9	9	9							
13	1 4	0 9 6 1	3 6	3 4	3 0	3 0	3 0	3 0	6 4	8	0 2	2	8	8	3	9	9	9	9	9							
13	1 7	0 9 9 0	3 5	3 2	2 6	2 1	3 2	6 4	5	2 5	2	5	5	8	5	0	0	5	5	5							
13	2 0	0 0 0 8	3 5	3 2	2 8	2 3	2 6	6 4	5	0 2	1	5	5	2	4	0	0	5	5	5							
13	2 3	0 0 1 3	3 6	3 2	5 0	2 2	1 8	8 0	8	0 2	2	8	8	5	5	9	9	9	9	9							
14	0 2	0 0 0 7	3 6	3 4	3 1	2 7	0 8	8 0	8	0 2	2	8	8	6	4	9	9	9	9	9							
14	0 5	0 9 8 1	3 5	3 4	3 2	3 2	0 8	2 4	8	6 7	6	8	7	3	9	9	9	9	9	9							
14	0 8	0 9 5 2	3 5	3 4	3 2	3 2	0 8	1 6	8	6 7	6	8	7	3	9	9	9	9	9	9							
14	1 1	0 9 1 7	3 6	3 5	3 3	3 2	1 2	4 0	8	6 7	6	8	8	7	3	9	9	9	9	9							
14	1 4	0 9 0 5	3 7	3 5	3 2	2 6	1 2	8 0	7	2 4	6	7	8	4	6	9	9	9	9	9							
14	1 7	0 9 0 1	3 5	3 2	2 8	2 7	1 4	8 1	0 1	1	2	2	8	5	3	8	6	9	9	9							
14	2 0	0 9 0 4	3 5	3 2	2 8	2 7	1 4	8 2	2	0 1	1	2	2	5	4	0	0	6	9	9							
14	2 3	0 8 9 8	3 5	3 2	5 0	2 7	1 6	8 0	4	2 7	1	4	2	3	0	0	0	6	6	6							
15	0 2	0 9 8 7	3 4	3 2	3 0	2 7	1 6	8 1	6	0 3	1	6	2	3	0	0	0	6	6	6							
15	0 5	0 9 1 0	3 5	3 5	3 0	2 4	1 2	8 0	5	0 2	2	8	5	4	0	0	0	9	9	9							
15	0 8	0 9 2 0	3 5	3 2	5 0	2 3	2 0	8 1	5	2 7	8	5	8	4	0	0	0	5	5	5							
15	1 1	0 9 1 7	3 5	3 0	2 7	1 7	1 0	R 1	8	0 2	2	8	8	3	5	5	5	5	5	5							
15	1 4	0 9 8 9	3 5	3 3	3 2	3 0	4 0	R 1	8	0 4	1	2	2	8	5	3	8	9	9	9							
15	1 7	0 8 6 7	3 4	3 5	3 2	3 1	1 4	3 2	8	6 8	7	8	7	5	3	9	9	9	9	9							
15	2 0	0 8 6 0	3 7	3 5	3 3	2 8	1 8	4 0	8	2 1	6	8	8	6	4	9	9	9	9	9							
15	2 3	0 8 7 9	3 7	3 4	3 0	2 7	2 0	5 6	8	0 2	2	8	8	4	9	9	9	9	9	9							
16	0 2	0 9 8 5	3 6	3 5	3 3	2 7	2 7	1 7	1 7	5 6	8	0 2	2	8	8	4	9	9	9	9							
16	0 5	0 9 8 7	3 6	3 5	3 1	2 7	2 0	8 0	7	0 2	2	8	8	4	9	9	9	9	9	9							
16	0 8	0 9 0 0	3 6	3 5	3 2	2 8	3 0	8 0	8	2 4	6	8	8	5	3	9	9	9	9	9							
16	1 1	0 9 7 8	3 8	3 6	3 5	2 5	2 0	8 0	8	2 4	6	8	8	5	3	9	9	9	9	9							
16	1 4	0 8 8 4	3 7	3 4	3 0	2 8	3 0	8 1	7	0 2	2	8	8	7	3	9	9	9	9	9							
16	1 7	0 9 8 5	3 6	3 4	3 1	2 7	2 5	8 1	8	2 7	2	8	8	6	4	9	9	9	9	9							
16	2 0	0 9 1 2	3 6	3 6	3 5	3 0	2 6	2 4	8 0	7	0 2	2	8	7	2	4	9	9	9	9							
16	2 3	0 9 1 4	3 5	3 5	3 2	2 7	1 7	1 7	5 6	7	8 7	8	7	7	2	4	9	9	9	9							
17	0 2	0 9 1 6	3 5	3 4	3 2	2 7	2 5	8 0	7	0 2	2	8	7	7	2	4	9	9	9	9							
17	0 5	0 9 2 1	3 5	3 4	3 1	2 3	2 7	2 7	6 4	8	0 2	2	8	8	7	2	4	9	9	9							
17	0 8	0 9 3 5	3 5	3 3	3 0	2 2	2 4	8 0	8	0 2	2	8	8	7	2	4	9	9	9	9							
17	1 1	0 9 5 0	3 4	3 4	3 1	2 2	2 6	8 1	8	0 2	2	8	8	6	5	3	9	9	9	9							
17	1 4	0 9 7 2	3 4	3 4	3 5	3 2	2 2	2 6	8 1	8	2 4	8	8	8	6	4	9	9	9	9							
17	1 7	0 0 0 0	5 5	5 5	5 5	5 2	2 8	2 2	3 2	8 0	8	0 2	2	8	8	6	4	9	9	9							
17	2 0	0 0 0 9	5 5	5 5	5 5	5 2	2 2	2 5	8 0	8	8 7	8	8	8	5	5	5	5	5	5							
17	2 3	0 0 5 5	3 4	3 5	3 1	2 2	2 2	2 0	8 0	8	0 2	2	8	8	4	5	5	5	5	5							
18	0 2	0 0 6 9	3 5	3 5	3 1	2 2	2 2	0 7	7 2	5	0 2	2	8	8	4	5	5	5	5	5							
18	0 5	0 0 8 4	3 5	3 2	2 9	2 3	0 8	R 0	8	0 2	2	8	8	2	4	5	5	5	5	5							
18	0 8	0 0 8 1	3 4	3 5	3 3	2 2	1 2	R 0	8	2 5	8	8	8	5	5	5	5	5	5	5							
18	1 1	0 0 7 3	3 7	3 4	3 0	2 3	0 8	R 1	7	0 2	2	8	8	4	5	5	5	5	5	5							
18	1 4	0 0 6 6	3 5	3 4	3 1	2 7	1 0	B 1	8	0 2	2	8	8	4	5	5	5	5	5	5							
18	1 7	0 0 5 0	3 5	3 3	3 2	2 7	0 6	B 0	8	8 7	8	8	8	7	6	5	5	5	5	5							
18	2 0	0 0 4 5	3 4	3 5	3 3	2 3	0 6	B 2	8	0 2	2	8	8	6	5	5	5	5	5	5							
18	2 3	0 0 3 6	3 4																								

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF APRIL 1950**

DAY	HOUR	STATION PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	LOW CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE			
						DIRECTION	SPEED *x10							C _L	h	CM	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED *x10	Kts.		
21	02	0104	35	33	29	29	12	80	8	50	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5
21	05	0111	34	34	33	24	18	72	8	26	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5
21	08	0129	36	34	31	24	15	80	8	02	2	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4
21	11	0145	37	34	30	23	23	81	7	02	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
21	14	0170	37	35	31	24	20	81	7	02	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
21	17	0184	35	34	33	23	17	81	8	02	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
21	20	0195	34	33	32	22	12	40	8	68	5	8	5	3	3	3	3	3	3	3	3	3	3	3	3	
21	23	0199	36	36	35	23	12	40	8	51	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	
22	02	0200	36	36	35	23	12	40	8	05	5	8	5	5	5	5	5	5	5	5	5	5	5	5	5	
22	05	0195	36	36	35	22	18	12	8	20	5	8	6	6	6	6	6	6	6	6	6	6	6	6	6	
22	08	0195	38	36	32	27	17	40	8	20	5	8	6	6	6	6	6	6	6	6	6	6	6	6	6	
22	11	0190	35	35	33	26	26	16	40	8	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6	
22	14	0172	37	36	35	26	15	40	8	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6	6	
22	17	0153	37	36	34	28	18	40	8	25	5	8	6	6	6	6	6	6	6	6	6	6	6	6	6	
22	20	0148	37	36	35	28	20	16	8	80	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
22	23	0156	36	34	31	22	20	80	8	02	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	
23	02	0160	36	35	32	29	22	27	81	1	01	2	1	1	1	1	1	1	1	1	1	1	1	1	1	
23	05	0161	35	32	26	22	24	81	4	01	1	4	8	5	5	5	5	5	5	5	5	5	5	5	5	
23	08	0166	35	32	26	22	20	82	6	03	1	6	5	5	5	5	5	5	5	5	5	5	5	5		
23	11	0158	36	33	27	27	05	82	1	01	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
23	14	0138	35	33	29	36	09	82	8	03	1	6	5	5	5	5	5	5	5	5	5	5	5	5		
23	17	0097	32	32	31	07	10	16	8	77	7	8	6	6	6	6	6	6	6	6	6	6	6	6		
23	20	0055	35	34	32	07	08	24	8	02	7	5	5	5	5	5	5	5	5	5	5	5	5	5		
23	23	0013	35	34	35	04	02	80	3	02	2	3	5	5	5	5	5	5	5	5	5	5	5	5		
24	02	0057	38	38	36	20	06	80	20	05	5	8	5	5	5	5	5	5	5	5	5	5	5	5		
24	05	9969	37	37	36	23	18	40	8	50	5	8	5	5	5	5	5	5	5	5	5	5	5	5		
24	08	9974	35	35	35	23	15	32	8	41	4	4	6	6	6	6	6	6	6	6	6	6	6	6		
24	11	9993	37	37	37	22	19	40	8	20	5	8	6	6	6	6	6	6	6	6	6	6	6	6		
24	14	0019	37	37	36	22	20	72	7	05	2	5	5	5	5	5	5	5	5	5	5	5	5	5		
24	17	0040	37	34	29	22	28	80	8	56	2	7	8	8	8	8	8	8	8	8	8	8	8	8		
24	20	0055	35	34	33	22	20	72	8	02	5	4	8	8	8	8	8	8	8	8	8	8	8	8		
24	23	0047	36	35	35	27	02	64	8	02	2	6	6	6	6	6	6	6	6	6	6	6	6	6		
25	02	0028	38	37	36	30	14	16	8	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6		
25	05	0014	37	37	37	28	20	64	8	02	5	8	6	6	6	6	6	6	6	6	6	6	6	6		
25	08	0019	38	36	34	27	18	80	8	02	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
25	11	0005	36	36	32	24	23	25	81	8	02	2	6	6	6	6	6	6	6	6	6	6	6	6		
25	14	0100	35	35	32	24	22	36	56	8	02	8	8	8	8	8	8	8	8	8	8	8	8	8		
25	17	0134	35	35	33	29	23	23	81	8	02	8	8	8	8	8	8	8	8	8	8	8	8	8		
26	20	0128	34	34	33	31	29	20	80	8	02	8	8	8	8	8	8	8	8	8	8	8	8	8		
26	23	0128	35	35	35	51	24	25	80	7	27	8	8	8	8	8	8	8	8	8	8	8	8	8		
27	02	0131	32	32	32	32	26	25	40	8	88	8	8	8	8	8	8	8	8	8	8	8	8	8		
27	05	0137	35	33	30	24	13	72	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
27	08	0139	34	31	26	23	15	80	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
27	11	0123	35	32	30	24	08	64	8	87	7	8	8	8	8	8	8	8	8	8	8	8	8	8		
27	14	0107	34	33	31	23	11	80	8	02	6	7	8	8	8	8	8	8	8	8	8	8	8	8		
27	17	0080	35	33	33	32	00	00	8	08	6	73	7	8	8	8	8	8	8	8	8	8	8	8		
27	20	0046	35	34	34	24	02	16	8	60	7	8	8	8	8	8	8	8	8	8	8	8	8	8		
27	23	0015	35	35	34	25	06	16	8	63	6	4	4	4	4	4	4	4	4	4	4	4	4	4		
28	02	9979	39	37	34	28	19	80	8	50	5	8	6	6	6	6	6	6	6	6	6	6	6	6		
28	05	9928	40	38	37	29	06	24	8	61	6	4	4	4	4	4	4	4	4	4	4	4	4	4		
28	08	9894	39	38	37	27	02	40	8	60	6	2	2	2	2	2	2	2	2	2	2	2	2	2		
28	11	9859	39	38	37	22	08	06	8	53	5	3	3	3	3	3	3	3	3	3	3	3	3	3		
28	14	9840	37	37	37	37	22	10	08	8	51	5	3	3	3	3	3	3	3	3	3	3	3	3		
28	17	9858	36	36	35	22	16	32	80	8	50	5	3	3	3	3	3	3	3	3	3	3	3	3		
28	20	9883	35	35	32	22	27	80	7	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
28	23	9904	35	34	33	22	30	80	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
29	02	9922	35	34	34	22	32	80	8	02	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
29	05	9945	34	33	30	22	35	80	8	09	5	3	3	3	3	3	3	3	3	3	3	3	3	3		
29	08	9950	35	33	31	27	21	29	81	7																

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF MAY 1950**

DAY	HOUR	STATION LEVEL PRESSURE	WIND												VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	CLOUD DIRECTION	CLOUD HEIGHT	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER DIRECTION	MAXIMUM GUST SPEED	SUNSHINE
			DRY BULB °F	WET BULB °F	DEW POINT °F	DIRECTION	SPEED *x10	Kts.	VV	Oktas	ww	W	Oktas	C _L	h	C _M	C _H	"F	"F	Points	Miles	*x10 Kts.	Hours				
01	0 2	0 1 4 7	3 8	3 7	3 7	1 9	0 4	2 4	8	5 0	5	8	6	3													
01	5	0 1 4 6	3 7	3 6	2 7	0 4	0 8	8	5 0	5	8	6	1														
01	8	0 1 5 7	3 8	3 7	3 6	2 2	0 8	8	5 0	5	8	6	2														
01	1 1	0 1 2 7	3 9	3 7	3 5	1 9	0 4	2 4	8	2 0	5	8	6	3													
01	1 4	0 1 0 9	4 0	3 9	3 8	0 1	0 2	8 0	8	0 2	2	6	5	4													
01	7	0 0 8 3	3 9	3 8	3 7	0 4	0 1	0 8	8	5 0	5	8	6	2													
01	2 0	0 0 0 5	4 0	3 9	3 9	0 4	0 7	4 0	8	2 0	5	8	6	2													
01	2 3	0 0 0 5	4 0	4 0	3 9	0 7	1 0	4 8	8	0 2	5	8	6	2													
02	0 2	9 9 6 1	3 9	3 8	3 7	0 8	0 2	3 2	8	5 1	5	8	6	2													
02	0 5	9 9 2 1	3 8	3 8	3 7	0 0	0 0	2 4	8	5 1	5	8	6	2													
02	0 8	9 9 3 0	3 6	3 6	3 6	2 6	2 2	2 4	8	6 5	6	8	7	3													
02	1 1	9 9 8 7	3 6	3 3	3 0	2 2	4 0	3 2	8	5 0	6	8	8	4													
02	1 4	9 9 1 7	5 7	5 3	2 9	2 4	3 5	4 0	8	5 0	5	8	8	4													
02	1 7	0 0 4 3	5 7	3 4	2 9	2 7	1 0	4 0	8	0 2	5	8	8	5													
02	2 0	0 0 5 1	5 7	3 5	3 1	2 8	1 2	6 4	8	0 2	2	8	8	5													
02	2 3	0 0 6 5	5 7	3 5	3 1	2 7	1 4	6 4	7	2 5	2	7	2	5													
03	0 2	0 0 7 4	5 7	3 4	2 9	2 8	1 2	6 4	8	0 2	2	8	8	4													
03	0 5	0 0 6 7	5 6	3 5	3 3	2 4	0 5	8 0	8	0 2	2	8	8	4													
03	0 8	0 0 6 0	5 6	3 5	3 2	0 0	0 0	8 0	8	0 2	2	7	8	4													
03	1 1	0 0 2 4	5 6	3 6	3 4	0 3	0 2	7 2	8	0 2	2	5	6	3													
03	1 4	9 9 4 1	5 5	3 4	3 1	0 9	2 5	1 6	8	6 9	7	8	7	2													
03	1 7	9 8 1 3	5 6	5 5	5 2	0 9	4 1	1 6	8	6 9	7	8	7	2													
03	2 0	9 7 6 8	5 9	3 9	3 8	0 0	0 0	2 4	8	6 0	6	8	7	2													
03	2 3	9 7 0 2	5 8	5 7	5 0	0 3	1 0	2 4	8	5 1	5	8	7	3													
04	0 2	9 6 7 1	5 7	3 6	3 5	2 9	1 3	2 4	8	5 0	5	8	7	3													
04	0 5	9 7 3 0	5 5	3 5	3 4	2 5	2 6	5 6	8	0 2	5	8	6	3													
04	1 1	9 8 4 8	5 5	3 3	2 9	2 2	4 1	4 8	8	2 5	8	8	8	3													
04	1 4	9 9 0 3	5 5	3 5	3 3	2 2	2 0	8 0	8	7 1	7	8	6	2													
04	1 7	9 9 2 0	5 5	3 3	3 2	2 2	1 4	1 6	8	8 5	8	8	8	3													
04	2 0	9 9 2 0	5 4	3 3	5 1	2 2	0 3	8 1	7	0 2	1	7	5	4													
04	2 3	9 9 1 9	5 3	3 2	3 1	2 2	1 0	0 4	8	7 1	7	8	6	2													
05	0 2	9 9 2 5	5 5	3 2	2 9	2 7	0 8	8 1	6 0 1	5 0 1	1	5	2	4													
05	0 5	9 9 7 0	5 4	3 3	3 0	2 0	2 0	8 1	5 0 3	1 5	5	2	5	5													
05	0 8	0 0 0 6	5 4	3 2	3 0	2 0	1 8	8 2	7	0 3	1	6	8	4													
05	1 1	0 0 7 6	5 5	3 5	3 1	2 6	3 0	8 2	8 2	8 2	0	9	9	9													
05	1 4	0 1 1 7	5 5	3 2	2 6	2 2	1 4	8 1	7	0 3	8	7	5	5													
05	1 7	0 1 4 6	5 4	3 2	3 1	2 1	1 3	1 6	8 8	8 7	8	8	8	4													
05	2 0	0 1 6 2	5 5	3 3	3 1	2 7	0 5	4 0	8	0 2	8	8	8	5													
05	2 3	0 1 5 6	5 4	3 3	3 0	3 2	0 5	8 0	8 0	8 0	2	8	8	5													
06	0 2	0 1 4 4	5 5	3 3	2 9	0 4	0 8	8 1	8 0 2	2	8	8	5	4													
06	0 5	0 0 9 8	5 5	3 5	3 4	0 6	0 8	8 2	8 6 3	2	8	8	7	3													
06	0 8	0 0 7 5	5 8	3 8	3 7	0 5	0 3	4 0	8 8	6 1	6	7	7	3													
06	1 1	0 0 5 6	4 0	4 0	3 9	3 1	1 0	2 4	8	5 8	6	8	7	3													
06	1 4	0 0 3 3	4 1	4 0	4 0	0 0	0 0	4 0	8	2 1	6	7	7	3													
06	1 7	0 0 0 8	4 0	4 0	3 9	0 6	0 4	3 2	8	6 3	6	8	7	2													
06	2 0	9 9 6 9	4 1	4 0	4 0	0 3	0 3	4 2	8	6 3	6	8	7	2													
06	2 3	9 9 4 3	4 2	4 1	4 1	3 3	1 6	3 2	8	5 0	5	8	7	2													
07	0 2	9 9 6 0	4 0	4 0	3 9	3 4	0 3	4 0	8	5 0	5	6	7	2													
07	0 5	9 9 6 7	3 9	3 7	3 6	0 0	0 0	4 0	8	5 0	5	6	7	2													
07	0 8	9 9 7 1	3 9	3 8	3 7	0 0	0 0	8 0	8 0	2 0	5	8	5	4													
07	1 1	9 9 7 1	3 8	3 8	3 8	0 3	0 2	1 6	8	5 0	5	8	6	2													
07	1 4	9 9 5 9	3 8	3 7	3 7	0 0	0 0	8 2	7	0 1	1	0 0	9	3													
07	1 7	9 9 6 3	3 4	3 4	2 0	0 4	0 4	4 4	4	4 6	1	0 0	9	3													
07	2 0	9 9 6 0	5 5	3 3	3 2	0 3	0 4	8 2	0 2	4 0	4	0 0	9	0													
07	2 3	9 9 5 7	3 7	3 5	3 2	1 1	1 2	8 1	7	0 2	1	7	2	3													
08	0 2	9 9 6 9	3 7	3 4	2 7	1 0	8 1	8 0 2	8 6	5 0	5	8	5	4													
08	0 5	9 9 7 2	3 6	3 4	3 0	2 7	1 0	8 1	8 0 2	8 6	5	8	5	4													
08	0 8	9 9 8 5	3 5	3 3	3 2	0 6	8 2	8 0 2	8 6	5 0	5	8	5	4													
08	1 1	0 0 0 1	3 6	3 4	3 0	2 8	0 8	8 1	8 2 7	8	8	8	8	4													
08	1 4	0 0 0 9	3 6	3 3	2 7	2 8	1 2	8 1	5 0 3	1	4	2	4	4			</td										

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF**

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF MAY 1950																			MAXIMUM GUST		SUNSHINE				
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB		WET BULB		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	LOW CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
			LST.	Mts.	*F	*F		DIRECTION	SPEED		Oktas	ww	W	Oktas	C _L	h	C _M	C _H	*F	*F	Points	Miles	*x10	Kts.	
21	0 2	9 8 5 5 6	3 6	3 4	3 1	3 2	1 6	8 1	8	0 2	2	8	6	6	5	5	5	5	5	5	5	5	5	5	5
21	0 5	9 8 5 4	3 4	3 2	2 8	2 8	0 8	6 4	8	0 2	2	8	6	6	4	4	4	4	4	4	4	4	4	4	4
21	0 8	9 8 5 2	3 5	3 1	2 8	2 8	0 8	6 4	8	8 7	2	8	6	6	4	4	4	4	4	4	4	4	4	4	4
21	1 1	9 8 7 3	3 5	3 3	3 1	2 8	1 4	7 2	8	2 6	8	8	6	6	4	4	4	4	4	4	4	4	4	4	4
21	1 4	9 9 4 4	3 5	3 0	2 6	2 7	1 6	8 0	7	0 2	2	8	6	6	4	4	4	4	4	4	4	4	4	4	4
21	1 7	9 9 7 1	3 5	3 1	2 6	2 7	1 5	8 0	6	0 2	2	6	6	6	4	4	4	4	4	4	4	4	4	4	4
21	2 0	9 9 8 9	3 5	3 1	2 8	2 8	1 0	8 0	5	0 1	2	6	6	6	4	4	4	4	4	4	4	4	4	4	4
21	2 3	0 0 0 2	3 5	3 1	2 8	2 9	1 0	8 2	8	0 2	2	8	6	6	4	4	4	4	4	4	4	4	4	4	4
22	0 2	9 9 8 6	3 4	3 5	3 3	0 1	0 4	3 2	8	8 5	1	8	6	6	4	4	4	4	4	4	4	4	4	4	4
22	0 5	9 9 5 5	3 5	3 4	3 3	3 4	1 9	4 8	8	2 6	8	8	6	6	4	4	4	4	4	4	4	4	4	4	4
22	0 8	9 9 5 8	3 6	3 5	2 9	2 9	1 6	8 0	8	0 2	2	6	6	6	4	4	4	4	4	4	4	4	4	4	4
22	1 1	9 9 8 4	3 5	3 1	2 5	3 0	1 8	8 0	5	0 1	1	6	6	6	4	4	4	4	4	4	4	4	4	4	4
22	1 4	9 9 9 8	3 5	3 1	2 5	2 9	1 0	8 0	6	0 2	2	6	6	6	4	4	4	4	4	4	4	4	4	4	4
22	1 7	0 0 1 4	3 5	5 1	2 5	2 9	1 7	8 1	7	0 2	1	7	6	6	4	4	4	4	4	4	4	4	4	4	4
22	2 0	0 0 2 2	3 4	5 1	2 7	2 7	0 9	8 1	8	0 2	8	5	5	5	4	4	4	4	4	4	4	4	4	4	4
22	2 3	0 0 1 8	3 4	5 1	2 7	2 7	0 0	8 1	6	0 2	1	6	6	6	4	4	4	4	4	4	4	4	4	4	4
23	0 2	0 0 1 1	3 3	5 1	2 8	2 0	0 1	8 1	5	0 2	1	6	6	6	4	4	4	4	4	4	4	4	4	4	4
23	0 5	9 9 6 8	3 2	3 0	2 6	2 2	0 0	8 1	6	0 2	1	3	5	5	4	4	4	4	4	4	4	4	4	4	4
23	0 8	9 9 5 1	3 1	2 9	2 5	0 0	0 0	8 1	8	0 2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
23	1 1	9 9 2 6	3 3	3 0	2 5	2 2	0 2	8 1	8	0 2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0
23	1 4	9 9 0 0	3 3	3 0	2 5	0 0	0 0	8 1	8	0 2	2	1	1	5	4	4	4	4	4	4	4	4	4	4	4
23	1 7	9 8 9 3	3 2	2 9	2 4	0 0	0 0	8 1	8	0 2	2	1	1	5	4	4	4	4	4	4	4	4	4	4	4
23	2 0	9 8 9 0	3 1	2 8	2 3	0 0	0 0	8 1	7	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	2 3	9 8 8 4	3 1	2 8	2 3	0 2	0 4	8 1	8	0 2	7	3	5	4	4	4	4	4	4	4	4	4	4	4	4
24	0 2	9 9 0 6	3 0	2 6	2 0	1 9	2 5	8 1	8	0 2	2	1	1	5	4	4	4	4	4	4	4	4	4	4	4
24	0 5	9 9 3 8	3 0	2 7	2 1	1 9	2 5	8 1	8	0 2	2	3	5	4	4	4	4	4	4	4	4	4	4	4	4
24	0 8	9 9 7 0	3 1	2 7	2 0	0 0	0 8	8 1	7	0 2	2	1	1	5	4	4	4	4	4	4	4	4	4	4	4
24	1 1	0 0 0 3	3 2	2 8	2 1	0 7	0 2	8 1	6	0 2	2	1	1	5	4	4	4	4	4	4	4	4	4	4	4
24	1 4	0 0 0 2	3 2	2 8	2 1	0 5	0 2	8 1	7	0 2	2	3	5	4	4	4	4	4	4	4	4	4	4	4	4
24	1 7	0 0 1 0	3 0	2 6	2 2	0 0	0 0	8 1	8	0 2	2	1	1	5	4	4	4	4	4	4	4	4	4	4	4
24	2 0	0 0 0 5	3 0	2 7	1 9	0 0	0 0	8 1	8	0 2	2	1	1	5	4	4	4	4	4	4	4	4	4	4	4
24	2 3	9 9 8 2	3 2	2 8	2 0	1 9	0 4	8 1	8	0 2	2	3	5	4	4	4	4	4	4	4	4	4	4	4	4
25	0 2	9 9 6 9	3 3	2 7	1 9	0 0	0 0	8 1	8	0 2	2	1	1	5	5	5	5	5	5	5	5	5	5	5	5
25	0 5	9 9 4 8	3 1	2 7	1 8	1 9	1 0	8 1	5	0 2	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25	0 8	9 9 4 7	3 2	2 8	2 1	0 7	0 2	8 1	6	0 2	2	1	1	5	4	4	4	4	4	4	4	4	4	4	4
25	1 1	9 9 5 7	3 1	3 0	2 7	0 0	0 0	8 2	7	0 2	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5
25	1 4	9 9 6 7	3 2	2 8	2 1	0 5	0 2	8 2	2	0 1	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5
25	1 7	0 0 0 1	3 0	2 7	2 2	0 0	0 0	8 2	0	0 2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	2 0	0 0 2 9	3 0	2 7	2 2	0 0	0 0	8 2	0	0 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	2 3	0 0 4 8	2 8	2 7	2 4	0 4	0 2	8 2	1	0 3	0	1	1	5	5	5	5	5	5	5	5	5	5	5	5
26	0 2	0 0 7 3	2 9	2 7	2 4	0 9	0 2	8 2	1	0 2	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5
26	0 5	0 0 8 2	2 9	2 7	2 5	0 8	0 2	8 1	7	0 2	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5
26	0 8	9 8 7 9	3 0	2 8	2 5	0 8	0 2	8 0	8	5 0	2	8	5	5	4	4	4	4	4	4	4	4	4	4	4
26	1 1	9 8 4 4	3 1	3 0	2 7	0 8	0 4	8 0	8	5 6	5	8	5	5	4	4	4	4	4	4	4	4	4	4	4
26	1 4	9 8 4 2	3 4	3 2	2 9	2 9	0 2	8 0	8	7 3	7	8	6	6	4	4	4	4	4	4	4	4	4	4	4
26	1 7	9 8 4 2	3 4	3 2	2 9	0 0	0 0	8 0	8	7 1	7	8	6	6	4	4	4	4	4	4	4	4	4	4	4
26	2 0	9 8 1 9	3 2	3 1	3 0	0 5	0 5	6 4	8	5 0	2	8	6	6	4	4	4	4	4	4	4	4	4	4	4
26	2 3	9 8 2 6	3 3	3 3	3 2	0 2	0 0	8 0	8	0 2	2	8	6	6	4	4	4	4	4	4	4	4	4	4	4
26	2 6	9 8 2 1	3 3	3 3	3 2	0 2	0 0	8 0	8	7 0	7	8	6	6	4	4	4	4	4	4	4	4	4	4	4
26	2 9	9 8 4 2	3 2	3 2	3 1	2 7	0 5	4 0	8	0 2	7	8	6	6	4	4	4	4	4	4	4	4	4	4	4
26	0 2	9 7 7 1	3 2	3 2	3 1	0 8	1 2	4 8	8	0 2	7	8	6	6	2	2	2	2	2	2	2	2	2	2	2
26	0 5	9 7 4 9	3 3	3 2	2 9	0 0	0 0	8 0	8	0 3	2	4	5	3	7	9	9	9	9	9	9	9	9	9	9
26	0 8	9 7 5 5	3 3	3 1	2 9	0 0	0 0	8 0	8	0 2	2	8	6	6	5	5	5	5	5	5	5	5	5	5	5
26	1 1	9 7 6 3	3 3	3																					

RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF HEARD ISLAND
MAY 1950

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	HEIGHT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE	
						DIRECTION	SPEED								CLOUD LOW	MIDDLE	HIGH	DIRECTION				SPEED			
5 1	0 2	9 9 0 0 8	2 9	2 7	2 4	1 9	1 6	8 0	8	0 2	8 5	0 2	8 5	2	8	9	9	9	9	9	9	0 0 0	0 0 0	0 0 0	0 0 0
5 1	0 5	9 9 2 2 6	3 0	2 8	2 6	1 9	1 8	4 0	8	0 2	8 0	0 2	8 0	2	8	9	9	9	9	9	9	0 0 0	0 0 0	0 0 0	0 0 0
5 1	0 8	9 9 6 3	3 0	2 8	2 5	1 8	1 8	8 0	8	0 2	8 0	0 2	8 0	2	8	9	9	9	9	9	9	0 0 0	0 0 0	0 0 0	0 0 0
5 1	1 1	9 9 9 0	3 0	2 8	2 5	2 0	2 5	8 0	8	0 2	8 0	0 2	8 0	2	8	9	9	9	9	9	9	0 0 0	0 0 0	0 0 0	0 0 0
5 1	1 4	0 0 1 9	3 0	2 8	2 5	2 2	1 2	8 0	8	0 2	8 0	0 2	8 0	2	8	9	9	9	9	9	9	0 0 0	0 0 0	0 0 0	0 0 0
5 1	1 7	0 0 4 1	2 9	2 8	2 6	2 1	0 8	6 4	8	5 6	5 6	5 6	5 6	2	5	9	9	9	9	9	9	0 0 0	0 0 0	0 0 0	0 0 0
5 1	2 0	0 0 4 7	3 0	2 8	2 5	2 5	0 2	4 8	8	5 6	5 6	5 6	5 6	2	5	9	9	9	9	9	9	0 0 0	0 0 0	0 0 0	0 0 0
5 1	2 3	0 0 3 9	2 9	2 8	2 6	0 2	0 2	8 0	7	0 2	1 5	0 2	1 5	7	8	9	9	9	9	9	9	0 0 0	0 0 0	0 0 0	0 0 0

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF JUNE 1950																							
DAY	HOUR	STATION ELEVATION PRESSURE		WIND		DEW POINT	DIRECTION	SPEED	VISIBILITY	LOW CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST	SUNSHINE				
		LST.	Mbs.	"F	"F					"x10	Kts.	VV	Oklas	W	C_L	C_M	C_H	"F	"F	Points	Miles	"x10	Kts.
01	02	00 16	31	30	28	04	12	80	8	02	2	8	5	4									
01	05	99 58	32	31	29	06	18	80	6	02	2	8	6	4									
01	08	99 01	32	32	31	06	09	04	8	73	7	8	6	3									
01	11	98 42	35	35	33	03	04	08	8	66	7	8	6	3									
01	14	98 16	38	37	36	31	12	24	8	24	6	8	6	3									
01	17	98 08	37	36	35	33	07	64	8	02	2	8	6	3									
01	20	97 93	37	35	33	32	09	80	8	02	2	8	6	3									
01	23	97 74	36	35	32	33	10	80	8	66	6	8	6	3									
02	02	97 61	37	35	33	34	11	80	8	21	6	8	5	4									
02	06	97 52	36	34	31	33	12	80	8	02	5	8	6	3									
02	14	97 44	35	35	34	10	72	8	50	5	8	6	3										
02	17	97 34	35	35	34	29	10	80	7	02	5	7	5	4									
02	20	97 20	34	34	31	28	12	80	7	26	8	4	8	4									
02	23	97 08	33	31	28	28	08	80	7	02	8	4	8	4									
02	26	96 94	33	30	25	28	07	80	6	02	2	3	2	4									
03	02	96 88	30	28	24	22	02	80	2	26	1	2	5	5									
03	05	96 75	30	28	25	25	02	81	6	02	8	0	9	0									
03	06	96 69	30	28	23	00	00	81	7	02	2	7	5	4									
03	11	96 54	32	31	30	24	03	82	6	02	8	6	2	5									
03	14	96 46	32	30	27	22	10	82	7	02	8	7	2	4									
03	17	96 44	32	31	30	27	05	81	7	26	8	7	2	5									
03	20	96 50	32	30	26	27	08	82	7	26	8	7	2	5									
03	23	96 51	32	30	27	29	07	81	7	26	8	7	2	5									
04	02	96 48	32	31	28	27	05	81	6	02	8	6	2	4									
04	05	96 50	31	28	23	10	81	7	02	2	4	8	5										
04	08	96 57	28	26	24	27	12	24	8	72	8	8	2	4									
04	11	96 58	31	29	25	30	08	81	7	02	2	7	8	5									
04	14	96 47	31	28	24	30	10	81	7	85	6	7	8	4									
04	17	96 46	31	30	27	28	06	81	8	26	8	8	8	4									
04	20	96 69	31	29	27	22	16	81	8	26	8	8	8	4									
04	23	96 93	31	30	27	22	16	16	8	86	8	8	2	4									
05	02	97 14	31	30	27	22	18	18	48	8	85	8	8	2	4								
05	05	97 36	30	27	22	27	17	64	8	02	8	8	8	4									
05	08	97 49	31	29	24	27	15	72	8	02	2	8	8	4									
05	11	97 65	29	28	25	25	12	72	7	27	8	7	8	4									
05	14	97 81	31	28	23	28	15	72	8	02	8	4	8	4									
05	17	98 06	29	28	26	28	15	64	7	85	8	7	8	4									
05	20	98 36	34	32	28	30	17	72	8	02	8	8	8	4									
05	23	98 36	34	32	28	30	17	72	8	02	8	8	8	4									
06	02	98 44	34	32	29	29	10	72	7	02	2	7	8	4									
06	05	98 40	33	31	28	34	08	40	8	70	2	8	6	3									
06	08	98 19	34	33	32	36	14	16	8	70	7	8	6	2									
06	11	98 20	34	32	29	29	14	81	5	22	7	5	2	4									
06	14	98 29	34	32	29	29	10	81	8	02	1	8	8	4									
06	17	98 33	34	32	29	29	12	81	8	02	8	8	8	4									
06	20	98 32	32	30	27	30	16	80	6	85	8	6	2	4									
06	23	98 27	32	31	28	32	12	81	5	26	8	5	2	4									
07	02	98 11	33	32	29	32	08	81	8	02	8	8	2	4									
07	05	97 79	32	31	30	00	00	81	8	71	7	8	5	4									
07	08	97 78	32	30	28	05	00	80	8	02	7	8	5	4									
07	11	98 00	32	30	26	20	22	80	8	02	2	6	2	4									
07	14	98 38	32	29	25	20	24	81	7	02	2	5	8	4									
07	17	98 72	31	30	29	20	31	48	7	26	8	7	2	4									
07	20	99 06	33	31	28	21	21	30	64	8	26	8	8	2	4								
07	23	99 44	32	30	27	22	24	64	8	02	2	8	2	4									
08	02	99 63	32	30	26	23	31	80	8	02	2	8	2	4									
08	05	99 70	31	29	26	23	22	72	8	02	2	8	2	4									
08	08	99 77	31	29	24	21	18	72	7	02	2	7	8	4									
08	11	99 84	32	28	21	23	14	81	7	02	2	7	5	5									
08	14	99 80	32	28	22	23	12	01	7	02	2	7	5	5									
08	17	99 89	31	28	23	21	05	81	7	02	5	7	5	5									
08	20	99 89	31	27	21	28	02	81	4	01	2	4	5	5									
08	23	99 88	28	26	21	00	00	81	8	02	2	1	5	5									
09	02	99 74	31	28	23	05	06	81	8	02	2	8	5	5									
09	05	99 52	31	30	29	09	10	16	8	73	7	8	6	2									
09	08	99 35	32	32	31	09	06	16	8	71	7	8	0	3									
09	11	99 18	34	34	34	08	02	08	8	58	7	8	6	3									
09	14	98 82	37	36	36	04	05	16	8	58	6	8	0	2									
09	17	98 56	36	36	36	08	02	16	8	51	5	8	0	2									
09	20	98 16	37	36	35	00																	

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF JUNE 1950

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	WIND SPEED	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST	DIRECTION	SPEED	SUNSHINE		
													LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH							
LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Oklas	WW	W	Oklas	C _L	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	*x10	Kts.	Hours	
1	0 2	9 8 3 9	5 4	3 2	2 9	2 5	1 0	8 1	8	0 2	N	8	2	4	9										
1	0 5	9 8 4 3	3 2	3 0	2 7	2 6	1 0	8 1	8	0 2	N	8	2	4	6										
1	0 8	9 8 4 3	3 3	3 1	2 8	3 0	1 2	8 1	8	0 2	N	8	2	4	6										
1	1 1	9 8 4 7	3 2	3 0	2 8	2 9	1 4	0 8	8	0 6	N	8	2	4	6										
1	1 4	9 8 4 0	3 2	3 0	2 7	2 7	1 4	4 0	7	8 5	N	7	2	4	6										
1	1 7	9 8 3 5	3 3	3 1	2 8	2 6	0 8	8 0	7	0 2	N	7	2	4	6										
1	2 0	9 8 1 9	3 2	3 0	2 8	2 7	0 6	8 0	3	2 7	N	8	2	4	6										
1	2 3	9 8 0 5	3 0	2 8	2 7	2 6	0 2	8 1	1	2 6	N	8	2	4	6										
1	2 6	9 8 0 5	3 2	2 8	2 5	2 0	0 4	8 1	5	0 2	N	5	2	4	6										
1	2 9	9 8 0 3	3 1	3 0	2 9	2 2	0 2	8 0	7	8 7	N	5	2	4	6										
1	1 1	9 8 0 6	3 2	3 0	2 6	0 0	0 0	8 2	6	2 7	N	6	2	4	6										
1	1 4	9 7 9 9	3 1	2 8	2 3	2 2	0 4	8 2	6	0 2	N	6	2	4	6										
1	1 7	9 8 0 2	2 9	2 8	2 7	2 2	0 4	8 2	6	0 2	N	6	2	4	6										
1	2 0	9 8 0 1	2 9	2 7	2 7	2 0	0 2	8 1	0	0 1	N	0	0	0	0										
1	2 3	9 7 9 6	2 9	2 8	2 7	2 0	0 9	4 0	7	8 5	N	7	8	4	0	0	0	0	0	0	0	0	0	0	0
1	2 6	9 7 9 6	3 1	2 8	2 3	2 0	0 8	8 1	5	2 7	N	5	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 9	9 7 9 5	3 1	2 8	2 3	2 1	1 2	8 0	5	0 2	N	5	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 1	9 8 1 0	2 9	2 8	2 6	2 1	1 0	4 0	8	7 0	N	5	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 4	9 8 3 6	2 9	2 6	2 0	2 0	1 4	4 0	8	7 0	N	5	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 7	9 8 5 2	3 0	2 8	2 5	2 2	1 0	6 4	8	0 2	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 0	9 8 8 1	3 0	2 8	2 5	2 2	2 0	4 0	8	8 5	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 3	9 9 0 2	2 9	2 8	2 6	2 0	1 8	4 8	8	8 8	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 6	9 9 1 8	3 0	2 8	2 3	2 1	1 5	6 4	3	0 2	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 9	9 9 3 4	2 9	2 7	2 0	2 2	1 0	4 0	8	8 7	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 1	9 9 3 0	3 0	2 8	2 5	2 6	0 4	8 0	3	0 1	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 4	9 9 2 8	3 0	2 7	2 3	2 4	0 6	8 1	3	0 2	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 7	9 9 3 6	3 0	2 8	2 5	2 2	0 4	8 1	7	0 2	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 0	9 9 4 4	2 6	2 5	2 3	2 5	0 7	8 1	5	0 2	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 3	9 9 5 2	2 9	2 7	2 2	2 3	1 0	8 0	4	2 7	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 6	9 9 6 9	2 8	2 7	2 3	2 3	0 4	8 0	3	2 7	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 1	9 9 8 4	2 9	2 7	2 4	2 5	1 5	4 0	7	8 7	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 4	0 0 0 9	2 7	2 5	2 4	2 5	0 4	8 1	5	2 6	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 7	0 0 1 9	3 0	2 8	2 5	2 7	0 2	8 2	7	0 2	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 0	0 0 2 9	2 9	2 8	2 6	2 3	0 8	8 0	6	1 6	N	1	6	2	5	0	0	0	0	0	0	0	0	0	0
1	2 3	0 0 4 4	2 7	2 5	2 0	2 2	0 2	8 2	2	0 2	N	1	2	4	5	0	0	0	0	0	0	0	0	0	0
1	2 6	0 0 5 9	2 4	2 2	1 9	0 0	0 0	8 2	1	0 1	N	1	1	5	5	0	0	0	0	0	0	0	0	0	0
1	1 1	0 0 5 9	3 0	2 8	2 5	2 5	0 4	8 0	7	0 3	N	1	7	8	4	0	0	0	0	0	0	0	0	0	0
1	1 4	0 0 6 9	3 0	3 3	3 3	3 2	0 6	8 0	5	2 7	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 7	0 0 7 4	3 4	3 3	3 2	0 6	2 0	1 6	8	7 1	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 0	0 0 2 9	3 0	2 8	2 5	0 4	0 7	8 2	7	0 3	N	1	7	8	4	0	0	0	0	0	0	0	0	0	0
1	2 3	0 0 9 0	3 1	2 9	2 7	0 4	2 2	4 0	8	7 0	N	2	8	0	3	2	2	4	0	0	0	0	0	0	0
1	2 6	0 0 9 3	3 0	3 3	3 3	3 3	0 1	8 1	0	0 1	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 1	0 0 9 6	3 5	3 1	2 1	2 7	3 3	1 0	8 1	6	0 2	N	8	2	4	0	0	0	0	0	0	0	0	0	0
1	1 4	0 0 9 6	3 5	3 4	3 3	3 2	0 6	2 0	1 6	8	6 8	N	8	2	4	0	0	0	0	0	0	0	0	0	0
1	1 7	0 0 9 6	3 4	3 3	3 2	0 6	2 0	1 7	8 1	7 1	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 0	0 0 5 6	3 3	3 1	2 8	2 8	0 5	8 0	7	8 0	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 3	0 0 6 7	3 1	2 9	2 6	3 4	1 0	2 4	8 0	8 8	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 6	0 0 6 9	3 2	3 0	2 8	2 9	0 2	8 0	6	0 2	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 1	0 0 7 4	3 1	3 0	2 9	2 5	0 2	8 2	7	2 7	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 4	0 0 7 4	3 1	3 0	2 9	2 5	0 2	8 2	7	2 7	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 7	0 0 7 4	3 1	3 0	2 9	2 5	0 2	8 2	7	2 7	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 0	0 0 1 7	2 9	2 7	2 4	2 2	0 2	8 2	7	2 7	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	2 3	0 0 2 0	2 9	2 7	2 4	2 2	0 2	8 2	7	2 7	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 1	0 0 2 3	2 9	2 7	2 4	2 2	0 2	8 2	7	2 7	N	8	2	4	0	0	0	0	0	0	0	0	0	0	0
1	1 4	0 0 2 3	2 9	2 7																					

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JUNE 1950**

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF JUNE 1950																											
DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB		WET BULB		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST				
		DIRECTION	SPEED	DIRECTION	SPEED	°F	"F		DIRECTION	SPEED						C _L	b	C _M	C _H	C _L	C _M	C _H	DIRECTION	SPEED			
LST.	Mts.	°F	"F	°F	"F	°x10	Kts.	VV	Odds	W	Clouds	W	W	W	Clouds	C _L	b	C _M	C _H	C _L	C _M	C _H	Points	Miles	°x10	Kts.	Hours
21	0 2	0 0 6 5	2 9	2 9	2 8	0 4	1 4	2 4	8	7 3	7	8	5	4	9												
21	0 5	0 0 1 7	3 2	3 2	3 1	0 7	0 4	2 4	8	5 1	7	8	5	3	9												
21	0 8	9 9 6 6	3 4	3 3	3 3	2 7	1 6	4 0	8	5 0	5	8	6	3	6												
21	1 1	9 9 7 5	3 4	3 3	3 2	2 7	1 8	4 8	8	5 0	5	8	6	3	6												
21	1 4	9 9 6 0	3 4	3 3	3 2	2 7	1 5	6 4	8	2 0	5	8	6	3	6												
21	1 7	9 9 4 6	3 3	3 2	2 8	2 6	1 5	6 4	8	2 0	5	8	6	3	6												
21	2 0	9 9 1 0	3 3	3 2	3 1	2 2	1 2	4 0	8	7 1	7	8	6	3	6												
21	2 3	8 9 8 3	3 3	3 2	3 2	2 2	1 6	2 4	8	7 1	7	8	6	3	6												
22	0 2	9 9 1 3	3 2	3 1	3 0	2 5	2 3	4 8	8	2 2	7	8	6	3	6												
22	0 5	9 9 2 1	3 2	3 1	3 0	2 5	2 4	3 2	8	7 0	7	8	6	3	6												
22	0 8	9 9 2 2	3 1	3 0	2 8	2 2	1 5	6 4	8	7 0	7	8	6	3	6												
22	1 1	9 9 2 7	3 1	3 0	2 8	2 6	0 6	8 0	8	7 0	7	8	6	3	6												
22	1 4	9 9 2 0	3 2	3 0	2 8	2 6	0 5	8 1	8	0 2	7	7	6	5	5												
22	1 7	9 9 1 9	3 2	3 1	3 0	2 4	0 8	2 4	8	7 1	7	8	5	5	5												
22	2 0	9 9 1 5	3 2	3 0	2 7	2 2	1 4	6 4	8	7 0	7	5	5	5	5												
22	2 3	9 9 2 8	3 2	3 1	3 1	2 4	1 6	4 0	8	7 1	7	8	5	5	5												
22	0 2	9 9 4 1	3 2	3 1	3 0	2 7	0 4	8 0	8	0 2	7	8	5	5	5												
22	0 5	9 9 7 1	3 0	2 8	2 6	2 3	0 4	8 0	8	0 2	2	8	5	5	5												
22	0 8	9 9 8 4	2 9	2 8	2 7	2 6	1 1	0 3	8 0	8	0 2	7	7	5	4	5											
22	1 1	9 9 9 0	3 3	3 1	2 9	2 9	1 1	0 0	8 0	8	0 2	7	7	5	4	5											
22	1 4	9 9 9 7	3 2	3 1	3 1	0 4	1 7	4 0	8	7 1	7	8	5	4	5												
22	1 7	0 0 0 6	3 3	3 0	2 5	2 8	1 5	7 2	6	0 2	2	6	5	4	5												
22	2 0	0 0 0 8	3 3	3 0	2 7	2 6	1 0	8 0	8	0 1	8	2	5	4	5												
22	2 3	0 0 0 5	3 2	3 0	2 5	2 9	0 3	8 0	8	0 3	1	8	5	4	5												
22	0 2	9 9 8 8	3 3	3 1	2 8	3 3	0 6	8 0	8	0 2	8	8	5	4	5												
22	0 5	9 9 4 2	3 3	3 2	3 1	0 4	1 2	4 8	8	2 6	8	8	5	4	5												
22	0 8	9 9 0 1	3 3	3 2	3 1	0 5	1 8	6 4	8	7 0	7	8	6	3	6												
22	1 1	9 9 8 5	3 2	3 1	3 1	0 4	1 7	4 0	8	7 1	7	8	5	4	5												
22	1 4	9 9 8 1	3 2	3 1	3 0	0 5	1 2	4 8	8	7 1	7	8	5	4	5												
22	1 7	9 7 8 3	3 2	3 1	3 0	0 7	1 2	4 8	8	7 1	7	8	5	4	5												
22	2 0	9 7 5 9	3 2	3 1	3 1	1 1	0 6	4 0	8	7 1	7	8	5	4	5												
22	2 3	9 7 4 6	3 0	2 9	2 7	2 2	0 1	8 1	7	2 2	7	7	5	5	5												
22	0 2	9 7 6 9	3 2	3 1	3 1	0 0	0 0	4 6	8	7 0	7	8	5	4	5												
22	0 5	9 8 0 8	3 0	2 9	2 8	2 7	3 7	0 2	8 2	8	7 2	7	8	5	4	5											
22	0 8	9 8 4 6	2 9	2 9	2 8	2 5	3 5	0 4	8 2	8	2 2	7	8	5	4	5											
22	1 1	9 8 7 5	2 9	2 8	2 6	2 5	2 5	0 4	8 2	8	7 3	7	8	5	4	5											
22	1 4	9 8 1 2	3 2	3 1	3 0	0 5	1 2	4 8	8	7 1	7	8	5	4	5												
22	1 7	9 7 8 3	3 2	3 1	3 0	0 7	1 2	4 8	8	7 1	7	8	5	4	5												
22	2 0	9 7 5 9	3 2	3 1	3 1	1 1	0 6	4 0	8	7 1	7	8	5	4	5												
22	2 3	9 7 4 6	3 0	2 9	2 7	2 2	0 1	8 1	7	2 2	7	7	5	5	5												
22	0 2	9 7 6 9	3 2	3 1	3 1	0 0	0 0	4 6	8	7 0	7	8	5	4	5												
22	0 5	9 8 0 8	3 0	2 9	2 8	2 7	3 7	0 2	8 2	8	7 2	7	8	5	4	5											
22	0 8	9 8 4 6	2 9	2 9	2 8	2 5	3 5	0 4	8 2	8	8 7	8	8	5	4	5											
22	1 1	9 8 9 0	3 0	2 9	2 8	2 2	1 0	1 2	8 2	6	2 6	8	8	5	4	5											
22	1 4	9 8 7 2	2 8	2 7	2 5	2 2	1 0	7 2	5	2 7	8	8	5	4	5												
22	1 7	9 7 7 2	2 5	2 3	2 1	2 2	1 0	7 2	5	2 7	8	8	5	4	5												
22	2 0	9 9 7 0	2 5	2 3	2 1	2 0	1 0	8 1	5	1 0	1 1	1 1	5	5	5												
22	2 3	9 9 5 8	2 4	2 3	2 1	1 5	2 1	2 1	5	1 0	1 0	4 0	2 4	8	8	5											
22	0 2	9 8 7 0	3 1	3 0	2 9	0 9	5 5	0 0	8	3 9	2	0	0	9	2	8	5	5	5	5	5	5					
22	0 5	9 8 2 4	2 9	2 8	2 5	2 1	1 5	0 5	8 2	4	0 1	1 4	4 0	0 1	1 4	4 0	8	8	5	5	5	5	5				
22	0 8	9 7 8 9	3 5	3 4	3 4	0 7	0 8	3 2	8	2 0	5	8	6	4	4	4	4	8	8	5	5	5	5				
22	1 1	9 7 6 6	3 4	3 4	3 3	0 2	9 1	8	4 5	4	8	6	4	4	4	4	8	8	5	5	5	5	5				
22	1 4	9 7 5 1	3 5	3 5	3 5	2 5	0 8	9 3	8	4 5	4	8	6	4	4	4	8	8	5	5	5	5	5				
22	1 7	9 7 6 4	3 3	3 2	3 2	2 2	1 8	3 2	8	4 0	4	8	6	4	4	4	8	8	5	5	5	5	5				
22	2 0	9 7 9 0	3 2	3 1	3 0	2 2	1 0	1 2	8	7 1	7	8	6	5	5	5	5	5	5	5	5	5	5				
22	2 3	9 8 3 5	3 1	2 9	2 6	2 0	2 0	5 6	8	5 5	7	8	6	4	4	4	8	8	5	5	5	5	5				
22	0 2	9 8 9 0	2 9	2 8	2 2	1 9	3 2	5 6	8	5 6	5	8	6	4	4	4	8	8	5	5	5	5	5				
22	0 5	9 9 4 0	2 3	2 1	1 7	2 0	3 8	8 0	8	0	2	2	8	5	4	4	8	8	5	5	5	5	5				
22	0 8	9 8 8 6	2 3	2 1	1 6	2 0	3 6	8 0	7	0	2	2	6	5	4	4	8	8	5	5	5	5	5				
22	1 1	9 0 2 2	2 3	2 1	1 6	2 2	4 2	8 2	4	0	2	1	2	5	4	4	8	8	5	5	5	5	5				
22	1 4	0 0 9 2	2 5	2 2	1 6	2 1	3 2	8 2	4	0	2	1	4	5	4	4	8	8	5	5	5	5	5				
22	1 7	0 1 0 9	2 5	2 3	1 9	2 4	2 7	8 2	4	0	2	1	4	5	4	4	8	8	5	5	5	5	5				
22	2 0	0 1 2 8	2 5	2 4	2 1	2 2	1 8	8 2	8	0 3	1	8	5	4	4	4	8	8	5	5	5	5	5				
22	2																										

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF JUNE 1950**

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	PRESENT WEATHER	TOTAL CLOUD	PAST WEATHER	AMOUNT	TYPE	HEIGHT	CLOUD DIRECTION				MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE									
						DIRECTION	SPEED								Oklas	WW	W	Oklas	C _L	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	DIRECTION	SPEED			
LST.	Mbs.	"F	"F	"F	"F	"x10	Kts.	VV																			"x10	Kts.	Hours					
01	0 2	0 1 1 5	2 6	2 5	2 3	2 9	.0 4	8 1	8	0 2	7	1	5	4	0	7	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
01	0 5	0 0 6 9	2 9	2 8	2 6	3 0	1 5	4 8	8	7 0	7	8	5	4	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
01	0 8	0 0 2 7	3 2	3 1	2 9	3 2	2 0	0 8	8	7 1	7	8	6	5	3	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
01	1 1	0 0 0 5	3 2	3 1	3 0	2 4	2 0	1 6	8	7 0	7	8	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
01	1 4	9 9 9 4	3 2	3 1	2 9	3 2	2 0	6 4	8	8 7	8	8	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
01	1 7	0 0 0 4	3 2	3 1	2 9	2 9	1 8	1 6	8	2 7	8	8	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
01	2 0	0 0 0 1	3 1	3 0	2 7	2 4	2 4	2 4	8	3 6	8	8	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
01	2 3	0 0 1 9	3 0	2 8	2 6	2 4	3 0	5 0	8	8 7	7	8	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
02	0 2	0 0 3 8	3 0	2 8	2 3	2 3	3 0	6 4	8	3 6	8	8	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
02	0 5	0 0 6 4	2 8	2 7	2 7	2 3	2 3	0 8	8	8 8	8	8	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
02	0 8	0 0 8 5	3 0	2 7	2 1	2 3	2 0	8 0	7	0 2	8	7	8	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
02	1 1	0 1 0 5	3 0	2 7	2 1	2 3	2 0	8 0	7	0 2	2	7	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
02	1 4	0 1 0 4	3 0	2 8	2 2	2 5	2 5	8 1	7	0 2	2	7	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
02	1 7	0 0 9 9	3 0	2 8	2 2	2 4	2 7	7 2	8	0 2	2	8	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
02	2 0	0 0 9 1	3 3	3 3	3 3	2 3	2 3	7 2	8	2 5	8	8	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
02	2 3	0 1 0 3	3 2	3 2	3 2	2 3	2 3	1 6	8	3 6	8	8	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
02	0 2	0 1 2 2	3 2	3 2	3 2	2 3	2 3	1 6	8	3 6	8	8	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
03	0 5	0 1 3 4	3 2	3 1	3 1	2 2	2 2	2 8	4 0	8	3 6	8	8	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
03	0 8	0 1 5 9	3 1	3 0	2 9	2 9	2 9	2 8	4 0	8	3 6	8	8	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
03	1 1	0 1 8 2	3 1	3 1	2 9	2 4	2 4	2 0	4 0	7	0 2	2	7	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
03	1 4	0 1 9 1	3 2	3 0	2 9	2 4	2 5	8 1	7	0 2	2	8	7	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
03	1 7	0 2 0 5	3 3	3 2	2 9	2 3	2 3	2 2	8 1	7	0 2	2	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
03	2 0	0 2 0 7	3 3	3 1	2 9	2 6	2 6	1 9	8 2	1	0 1	1	0	0	9	4	4	0	0	0	9	4	4	0	0	0	9	4	4	0	0	9	4	
03	2 3	0 2 1 9	3 4	3 2	2 8	2 5	1 4	8 2	1	0 2	1	0	0	9	4	4	0	0	0	9	4	4	0	0	0	9	4	4	0	0	0	9	4	
04	0 2	0 2 1 2	3 2	3 2	3 2	2 8	2 6	1 5	8 2	1	0 2	1	0	0	9	4	4	0	0	0	9	4	4	0	0	0	9	4	4	0	0	0	9	4
04	0 5	0 2 0 4	3 4	3 3	3 1	2 4	1 0	8 2	1	0 2	1	0	0	9	4	4	0	0	0	9	4	4	0	0	0	9	4	4	0	0	0	9	4	
04	0 8	0 1 9 8	3 3	3 3	3 3	2 2	1 3	8 0	7	0 3	1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
04	1 1	0 1 7 0	3 6	3 5	3 4	3 6	1 9	0 8	8	5 6	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
04	1 4	0 1 1 9	3 7	3 6	3 6	3 4	0 8	1 6	8	6 5	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
04	1 7	0 0 6 4	3 7	3 6	3 6	3 4	0 8	1 6	8	6 5	8	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
04	2 0	0 0 3 5	3 5	3 6	3 6	0 6	1 5	1 5	8 2	3 2	8	5 0	8	8	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
04	2 3	0 9 7 8	3 7	3 7	3 7	3 4	2 2	2 2	3 2	8 3	8	6 3	8	8	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
05	0 2	0 9 9 6	3 5	3 5	3 5	0 0	0 0	0 0	6 4	8	2 1	8	8	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
05	0 5	0 9 4 6	3 5	3 5	3 5	3 4	2 7	1 8	8 0	8	2 0	8	8	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
05	0 8	0 9 8 3 8	3 4	3 4	3 4	2 5	2 5	1 9	8 0	8	3 6	8	8	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
05	1 1	0 9 8 6 9	3 0	2 9	2 7	2 4	2 4	1 8	4 0	8	3 6	7	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
05	1 4	0 9 8 7 8	2 9	2 8	2 7	2 4	2 4	1 7	8 1	7	0 2	8	7	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
05	1 7	0 9 8 7 8	2 9	2 8	2 7	2 7	2 9	1 5	4 0	8	8 5	8	8	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
05	2 0	0 9 8 2 4	3 1	3 2	3 1	3 1	3 2	2 6	8 0	8 5	8	8	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
05	2 3	0 9 8 2 2	3 3	3 2	3 2	2 9	2 9	2 0	8 0	8 5	8	8	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
06	0 2	0 9 8 3 0	3 1	2 9	2 8	2 0	2 0	1 6	8 0	8 5	8	8	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
06	0 5	0 9 8 4 3	2 9	2 9	2 9	2 7	2 9	1 8	8 1																									

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JULY 1950**

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF												HEARD ISLAND JULY 1950													
DAY	HOUR	STATION	ATMOSPHERE PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD		CLOUD DIRECTION		MIDDLE CLOUD	HIGH CLOUD	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER DIRECTION	MAXIMUM GUST		SUNSHINE
							DIRECTION	SPEED					Oktas	WW	W	Oktas	CL	H	CM	CH	CL	CH	Miles	*x10	Kts.
LST.	Mbs.			°F	°F	°F	%x10	Kts.	VV	Oktas	WW	W	Oktas	CL	H	CM	CH	CL	CH	CL	CH	Miles	*x10	Kts.	Hours
11	0 2	9 7 9 8	2 8	2 6	2 2	2 4	1 0	8 0	5	0 3	2	3	2	4	0	0	9	5	5	5	5	5			
11	0 5	9 7 9 6	2 9	2 6	2 2	2 3	1 8	8 0	7	2 7	8	7	2	4	4	4	5	5	5	5	5	5			
11	0 8	9 8 0 7	2 8	2 7	2 6	2 1	2 0	4 0	7	3 6	8	7	2	4	4	4	5	5	5	5	5	5			
11	1 1	9 8 4 5	2 7	2 7	2 7	2 0	2 4	9 0	8	8 6	8	8	2	4	4	4	5	5	5	5	5	5			
11	1 4	9 8 6 8	2 7	2 5	2 0	2 1	2 0	7 2	7	3 6	8	5	1	5	5	5	5	5	5	5	5	5			
11	1 7	9 8 9 8	2 5	2 5	2 3	2 1	2 1	1 6	7	3 6	8	7	2	4	4	4	5	5	5	5	5	5			
11	2 0	9 9 2 2	2 6	2 4	2 2	2 3	1 8	7 2	7	3 6	8	7	2	4	4	4	5	5	5	5	5	5			
11	2 3	9 9 3 8	2 6	2 4	1 9	2 5	2 5	4 8	7	3 6	8	7	2	4	4	4	5	5	5	5	5	5			
12	0 2	9 9 3 1	2 7	2 4	2 0	2 4	1 0	7 2	8	0 2	8	8	0	8	4	4	5	5	5	5	5	5			
12	0 5	9 9 0 5	2 9	2 8	2 6	2 9	0 2	2 4	8	7 1	7	8	0	8	4	4	5	5	5	5	5	5			
12	0 8	9 8 5 6	3 2	3 0	2 7	3 0	1 8	2 4	8	7 1	7	8	0	8	4	4	5	5	5	5	5	5			
12	1 1	9 8 2 3	3 2	3 1	2 8	2 9	2 5	4 8	8	3 6	7	7	2	4	4	4	5	5	5	5	5	5			
12	1 4	9 7 9 7	3 0	2 8	2 4	2 8	2 0	8 0	7	2 7	2	6	2	4	4	4	5	5	5	5	5	5			
12	1 7	9 7 8 7	3 2	3 0	2 7	2 7	1 2	8 1	7	2 7	6	7	2	4	4	4	5	5	5	5	5	5			
12	2 0	9 7 7 2	3 2	3 0	2 8	2 8	1 6	8 0	7	2 0	2	2	7	2	4	4	5	5	5	5	5	5			
12	2 3	9 7 6 9	3 0	2 8	2 3	2 3	2 5	8 0	5	0 1	2	5	2	2	4	4	0	0	9	9	9	9			
13	0 2	9 7 7 6	2 7	2 6	2 4	2 5	2 0	8 0	8	2 7	8	8	4	4	4	4	0	0	9	9	9	9			
13	0 5	9 7 6 9	2 9	2 7	2 4	2 5	2 3	8 1	6	0 2	2	6	2	2	4	4	0	0	9	9	9	9			
13	0 8	9 7 8 4	2 9	2 7	2 4	2 5	2 2	8 0	7	2 7	8	7	2	4	4	4	5	5	5	5	5	5			
13	1 1	9 8 1 5	2 9	2 7	2 4	2 3	2 2	8 1	7	3 6	2	7	2	4	4	4	5	5	5	5	5	5			
13	1 4	9 8 5 4	2 8	2 7	2 4	2 2	2 1	8 1	7	2 7	8	7	2	4	4	4	5	5	5	5	5	5			
13	1 7	9 9 2 7	2 6	2 5	2 2	2 1	2 7	8 0	6	3 6	8	8	2	2	5	5	4	4	4	4	4	4			
13	2 0	9 9 6 8	2 6	2 4	2 0	2 1	2 5	8 0	6	0 2	2	2	5	5	5	5	4	4	4	4	4	4			
13	2 3	9 9 9 2	2 6	2 4	1 9	2 5	2 3	8 1	8	0 2	2	2	5	5	5	5	5	5	5	5	5	5			
14	0 2	9 9 8 2	2 7	2 5	2 3	2 3	2 3	8 0	7	2 0	2	2	5	5	5	5	5	5	5	5	5	5			
14	0 5	9 9 6 3	2 9	2 7	2 3	2 3	2 9	8 0	8	7 0	7	8	6	4	4	4	5	5	5	5	5	5			
14	0 8	9 9 5 1	2 8	2 6	2 8	2 0	8 0	8	7 0	7	8	6	4	4	4	4	5	5	5	5	5	5			
14	1 1	9 9 5 2	3 3	3 3	3 2	2 5	2 1	4 8	8	5 0	7	8	6	5	5	5	5	5	5	5	5	5			
14	1 4	9 9 6 7	3 4	3 3	3 2	2 4	2 4	6 4	8	0 2	5	8	6	5	5	5	5	5	5	5	5	5			
14	1 7	9 9 9 1	3 4	3 2	2 9	2 3	2 5	6 4	7	2 0	5	8	5	5	5	5	5	5	5	5	5	5			
14	2 0	0 0 2 0	3 3	3 1	2 8	2 1	1 8	6 4	8	0 2	2	2	5	5	5	5	5	5	5	5	5	5			
14	2 3	0 0 3 9	3 3	3 1	2 9	2 4	1 2	8 0	7	0 2	5	7	6	5	5	5	5	5	5	5	5	5			
15	0 2	0 0 4 6	3 2	3 1	3 1	2 3	1 0	4 0	8	7 0	7	8	6	5	5	5	5	5	5	5	5	5			
15	0 5	0 0 5 9	3 2	3 2	3 1	2 6	0 8	6 0	6	6 0	2	2	5	5	5	5	5	5	5	5	5	5			
15	0 8	0 0 6 2	3 2	3 2	3 2	2 5	2 0	8 0	7	0 2	2	2	5	5	5	5	5	5	5	5	5	5			
15	1 1	0 0 6 6	3 5	3 5	3 3	2 4	1 5	0 4	8	0 2	2	2	5	5	5	5	5	5	5	5	5	5			
15	1 4	0 0 6 0	3 4	3 5	3 3	2 4	1 5	0 4	9	4 7	4	9	9	9	9	9	9	9	9	9	9	9			
15	1 7	0 0 7 1	3 4	3 5	3 3	2 6	1 5	0 4	9	4 5	4	9	9	9	9	9	9	9	9	9	9	9			
15	2 0	0 0 6 8	3 4	3 4	3 4	2 5	1 3	8 1	8	0 2	4	8	6	5	5	5	5	5	5	5	5	5			
15	2 3	0 0 6 5	3 4	3 4	3 4	2 4	1 2	8 0	8	2 0	5	8	6	5	5	5	5	5	5	5	5	5			
16	0 2	0 0 6 0	3 3	3 3	3 3	2 4	1 8	2 4	8 1	5 1	5	8	6	5	5	5	5	5	5	5	5	5			
16	0 5	0 0 5 7	3 4	3 4	3 4	2 4	1 9	3 2	8 1	5 1	5	8	6	5	5	5	5	5	5	5	5	5			
16	0 8	0 0 5 6	3 4	3 5	3 4	2 3	2 0	8 0	8	5 3	5	8	6	5	5	5	5	5	5	5	5	5			
16	1 1	0 0 5 0	3 3	3 2	3 2	2 4	3 0	4 0	8	0 2	5	8	6	5	5	5	5	5	5	5	5	5			
16	1 4	0 0 2 5	3 2	3 2	3 1	2 3	1 8	1 6	8 0	0 2	5	8	6	5	5	5	5	5	5	5	5	5			
16	1 7	0 0 1 1	3 3	3 2	3 1	2 6	1 5	3 2	8 0	0 2	2	2	5	5	5	5	5	5	5	5	5	5			
16	2 0	9 9 7 4	3 5	3 4	3 3	2 8	3 0	6 4	8	2 0	5	8	6	5	5	5	5	5	5	5	5	5			
16	2 3	9 9 6 9	3 5	3 4	3 4	2 7	3 0	6 4	8	0 2	2	2	5	5	5	5	5	5	5	5	5	5			
17	0 2	0 0 0 6	3 3	3 0	2 5	2 8	4 0	8 0	8	0 1	2	4	4	4	4	4	5	5	5	5	5	5			
17	0 5	0 0 3 9	3 2	2 9	2 6	3 0	3 0	8 1	7	0 3	1	5	5	5	5	5	5	5	5	5	5	5			
17	0 8	0 0 5 3	3 2	3 0	2 7	3 0	2 8	4 0	8	8	8	7	2	5	5	5	5	5	5	5	5	5			
17	1 1	0 0 3 0	3 2	3 0	2 8	3 1	2 8	4 0	8	8	8	8	6	6	6	6	6	6	6	6	6	6			
17	1 4	0 0 0 1	3 3	3 1	2 8	3 2	3 0	4 0	8	2 6	8	8	5	5	5	5	5	5	5	5	5	5			
17	1 7	2 0 9 5 6	3 2	3 2	3 2	3 0	0 8	8 8	8	8 6	8	8	2	4	4	4	5	5	5	5	5	5			
17	2 0	9 9 5 3	3 5	3 3	2 9	2 9	6 4	8	2 2	8	8	2	4	4	4	4	5	5	5	5	5	5			
17	2 3	9 9 4 2	3 3	3 1	2 9	3 0	6 4	8 8	7	8	6	8	6	4	4	4	5	5	5	5	5	5			
18	0 5	9 9 6 0	3 1	2 8	2 3	2 9	2 0	4 8	8	5 6	7	8	6	5	5	5	5	5	5	5	5	5			
18	0 8	9 9 6 4	3 1	2 8	2 3	2 8	2 0	8 0	7	3 6	7	8	6	5	5	5	5	5	5	5	5	5			
18	1 1	9 9 7 9	3 0	2 8	2 4	2 8	1 6	8 2	7	0 2	2	2	7	6	6	6	6	6	6	6	6	6			
18	1 4	9 9 9 4	3 1	2 8	2 4	2 9	2 0	8 2	7	2 6	8	5	8	8	8	8	8	8	8	8	8	8			
18	1 7	0 0 1 1																							

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF**

**HEARD ISLAND
JULY 1950**

DAY	HOUR	STATION LEVEL PRESSURE	WIND			DEW POINT	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE	
			DIRECTION	SPEED	"x10	Kts.	VV	Oktas	W	Oldas	C _L	H	C _M	C _H	C _L	MIDDLE	HIGH	DIRECTION	"x10	Kts.		
21	0 2	9 9 3 5	2 9	2 5	2 0	2 8	2 8	7 2	4	3 6	0	4	2	4	0	0	9					
21	0 5	9 9 5 0	3 1	2 7	2 1	3 3	2 0	8 1	8	0 2	8	5	5	5	5	5	5	6				
21	0 8	9 9 4 1	3 2	2 9	2 5	3 5	2 2	8 2	8	0 2	8	5	5	5	5	5	5	6				
21	1 1	9 9 1 1	3 2	3 2	3 2	3 4	2 5	1 5	8	7 1	7	8	8	8	8	8	8	9				
21	1 4	9 9 0 4	3 3	3 3	3 1	3 2	3 0	2 4	8	8	2 6							6				
21	1 7	9 9 2 1	3 4	3 3	3 2	3 2	2 7	8 2	8	0 2								6				
21	2 0	9 9 2 7	3 4	2 8	2 8	1 5	8 2	8	7	0 2								6				
21	2 3	9 9 2 9	3 4	3 1	2 5	3 0	1 8	8 2	8	0 2								6				
22	0 2	9 8 8 7	3 4	3 3	3 1	3 6	2 0	8 2	8	0 2								9				
22	0 5	9 8 3 1	3 4	3 2	3 0	0 4	1 4	8 2	8	0 2								8				
22	0 8	9 7 7 7	3 3	3 3	3 2	3 0	0 5	0 6	1 2	8	7 1	2 2	8	8	8	8	8	9				
22	1 1	9 7 2 1	3 2	3 2	3 2	0 0	0 0	1 2	8	7 3	7	8	8	8	8	8	8	9				
22	1 4	9 7 2 8	3 4	3 2	2 8	3 0	2 2	2 2	4 0	8	8 7	7	8	8	8	8	8	9				
22	1 7	9 7 5 5	3 1	3 0	2 7	2 7	3 0	2 4	2 4	8	8 7	7	8	8	8	8	8	9				
22	2 0	9 7 8 6	2 9	2 7	2 4	2 8	2 2	1 6	7	8 7	8	7	8	8	8	8	8	9				
22	2 3	9 7 9 4	3 0	2 7	2 4	3 2	2 5	6 4	4	3 7	8	5	5	5	5	5	5	9				
23	0 2	9 7 9 4	3 0	2 7	2 3	3 2	2 2	6 4	8	8 6	8	8	8	8	8	8	8	9				
23	0 5	9 7 8 4	2 9	2 6	2 2	3 1	2 0	4 8	4	3 6	8	4	4	4	4	4	4	9				
23	0 8	9 7 8 7	2 9	2 6	2 1	3 1	2 0	6 4	7	3 6	8	7	7	7	7	7	7	9				
23	1 1	9 8 0 5	2 7	2 6	2 3	2 9	1 8	6 4	7	3 6	8	7	7	7	7	7	7	9				
23	1 4	9 8 3 1	2 8	2 5	1 9	2 7	2 6	4 0	8	3 7	8	8	8	8	8	8	8	9				
23	1 7	9 8 7 3	2 7	2 5	2 1	2 5	3 2	1 6	8	3 6	8	8	8	8	8	8	8	9				
23	2 0	9 9 0 8	2 7	2 5	2 1	2 4	3 2	3 2	8 0	8	0 2	2	2	2	2	2	2	9				
23	2 3	9 9 3 8	3 0	2 7	2 2	2 4	3 5	6 4	8	3 6	8	8	8	8	8	8	8	9				
24	0 2	9 9 5 6	2 9	2 7	2 1	2 4	2 5	8 0	8	0 2	2	2	2	2	2	2	2	9				
24	0 5	9 9 6 6	3 0	2 7	2 0	2 5	2 6	8 1	7	0 2	2	2	2	2	2	2	2	9				
24	0 8	9 9 8 4	3 0	2 7	2 2	3 2	1 6	8 2	7	2 7	8	8	8	8	8	8	8	9				
24	1 1	9 9 7 2	3 1	2 9	2 5	2 9	0 9	8 2	6	0 2	2	2	2	2	2	2	2	9				
24	1 4	9 9 3 8	3 2	3 0	1 0	2 7	3 4	1 6	8 2	8	2 6	8	8	8	8	8	8	9				
24	1 7	9 8 9 2	3 1	3 1	3 1	3 6	2 2	1 6	8	7 1	7	8	8	8	8	8	8	9				
24	2 0	9 8 5 6	3 1	3 1	3 0	2 8	1 8	8 0	8	0 8	7	7 1	7	8	8	8	8	9				
24	2 3	9 8 7 9	2 8	2 7	2 5	2 4	2 0	2 4	8	3 6	8	8	8	8	8	8	8	9				
25	0 2	9 8 9 1	2 8	2 6	2 2	2 7	3 0	2 4	7	8 7	8	8	8	8	8	8	8	9				
25	0 5	9 8 9 5	2 5	2 4	2 2	2 7	3 5	2 4	8	3 7	8	8	8	8	8	8	8	9				
25	0 8	9 8 7 3	3 0	2 9	2 7	3 1	3 7	1 6	8	3 7	8	8	8	8	8	8	8	9				
25	1 1	9 9 5 3	3 1	2 8	2 3	2 2	4 1	4 8	8	0 2								5				
25	1 4	0 0 1 6	3 0	3 0	2 7	2 2	3 2	3 2	8	8 7	8	8	8	8	8	8	8	9				
25	1 7	0 0 5 6	2 9	2 7	2 5	2 5	2 8	6 4	8	2 7	8	8	8	8	8	8	8	9				
25	2 0	0 0 5 4	2 8	2 6	2 1	2 2	2 1	1 3	8 0	8	0 2	2	2	2	2	2	2	9				
25	2 3	0 0 3 6	2 9	2 7	2 2	0 3	1 0	8 0	8	0 2	2	2	2	2	2	2	2	9				
26	0 2	9 9 8 0	2 8	2 8	2 8	2 7	3 5	2 4	2 4	8	3 7	8	8	8	8	8	8	9				
26	0 5	9 9 1 5	3 2	3 3	3 3	3 0	0 9	1 0	3 2	8	7 3	7	8	8	8	8	8	9				
26	0 8	9 8 8 8	3 7	3 6	3 5	3 1	3 1	3 1	8 0	8	0 2	2	2	2	2	2	2	9				
26	1 1	9 8 8 8	3 6	3 4	3 1	2 9	3 1	3 1	8 0	8	2 1	5	6	6	6	6	6	9				
26	1 4	9 9 0 5	3 3	3 2	3 0	2 4	3 5	2 4	8 0	8	0 2	2	2	2	2	2	2	9				
26	1 7	9 9 7 2	3 1	3 1	3 1	2 6	2 4	3 0	8 0	8	0 2	2	2	2	2	2	2	9				
26	2 0	9 9 9 9	3 2	3 1	2 8	2 8	3 3	0 4	8	8 5	8	8	8	8	8	8	8	9				
26	2 3	0 0 2 8	3 5	3 5	2 9	2 8	3 3	8 0	8	0 2	2	2	2	2	2	2	2	9				
27	0 2	0 0 5 0	3 5	3 5	2 9	2 8	2 4	8 0	8	0 2	2	2	2	2	2	2	2	9				
27	0 5	0 0 7 2	3 4	3 2	2 8	2 8	1 8	8 1	8	0 2	2	2	2	2	2	2	2	9				
27	0 8	0 0 6 7	3 5	3 3	2 9	2 9	1 5	8 2	8	0 2	2	2	2	2	2	2	2	9				
27	1 1	0 0 3 6	3 4	3 3	3 1	0 7	1 3	8 2	8	0 2	2	2	2	2	2	2	2	9				
27	1 4	9 9 4 9	3 3	3 3	3 2	0 9	2 2	2 4	8	7 7	7	8	8	8	8	8	8	9				
27	1 7	9 8 8 7	3 7	3 7	3 6	0 9	0 5	0 8	8 8	5 1	5 1	5 5	5 5	5 5	5 5	5 5	5 5	9				
27	2 0	9 8 3 6	3 7	3 7	3 6	3 3	2 3	2 3	8 0	5 0	5 0	5 0	5 0	5 0	5 0	5 0	5 0	9				
27	2 3	9 7 9 2	3 1	3 6	3 6	0 2	0 5	2 4	8 0	5 1	6 1	6 1	6 1	6 1	6 1	6 1	6 1	9				
27	2 6	9 7 1 5	3 7	3 7	3 6	0 2	0 2	0 2	8 0	5 0	5 0	5 0	5 0	5 0	5 0	5 0	5 0	9				
28	0 5	9 6 6 0	3 0	2 8	2 8	2 5	2 2	0 4	8	7 1	7	8	8	8	8	8	8	9				
28	0 8	9 6 3 0	3 4	3 2	2 8	3 2	3 2	3 2	4 0	8	2 7	7	8	8	8	8	8	9				
28	1 1	9 6 5 7	3 1	3 0	2 7	2 7	4 0	4 8	8	2 6	7	8	8	8	8	8	8	9				
28	1 4	9 7 0 8	3 0	2 8	2 4	3 0	2 0	8 0	8	0 2	2	2	2	2	2	2	2	9				
28	1 7	9 7 2 1	3 0	2 7	2 2	3 2	3 3	8 0	8	3 2	7	8	8	8	8	8	8	9				
28	2 0	9 7 1 6	3 1	2 8	2 4	3 0	3 5	8 0	8	2 6	7	8	8	8	8	8	8	9				
28	2 3	9 7 1 6	3 1	3 0	2 9	3 0	3 6															

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JULY 1950

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF JULY 1950																										
DAY	HOUR	STATION LEVEL PRESSURE		WIND		DEW POINT	DIRECTION	SPEED	VISIBILITY	LOW CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE						
		DRY BULB	WET BULB	DIRECTION	SPEED					TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH						
LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Odds	ww	W	Odds	C_L	h	C_M	C_H	C_L	C_M	C_H	C_L	C_M	C_H	Points	Miles	"x10	Kts.	Hours
5 1	0 2	9 7 5 4	2 6	2 5	2 6	2 5	0 7	2 4	8	7 0	8	8	6	3				9								
5 1	0 5	9 7 7 2	2 9	2 7	2 3	2 8	1 5	4 0	8	8 5	8	8	2	5				6	6							
5 1	0 8	9 7 9 5	2 9	2 8	2 5	2 4	2 0	8 0	6	2 6	8	5	2	5	4	0	6	6	9							
5 1	1 1	9 8 2 4	3 1	2 8	2 4	3 0	1 2	8 0	7	2 6	8	7	2	5	5			6	6							
5 1	1 4	9 8 4 0	3 1	3 0	2 7	2 8	1 2	8 0	8	0 2	2	8	0	5	5			6	6							
5 1	1 7	9 8 4 3	3 0	2 9	2 9	2 4	0 9	4 0	8	7 1	7	8	5	4	3			5	5							
5 1	2 0	9 8 6 3	3 1	3 0	2 7	2 5	1 0	8 0	8	0 2	7	8	8	5	5	3		5	9	3 1	2 5	0 0 0 0	2 7 5	2 8	5 0	0 2 0
5 1	2 3	9 8 7 0	3 1	3 0	2 7	2 6	0 7	8 1	7	0 2	2	6	8	8	5	3		5	9							

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF AUGUST 1950**

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF AUGUST 1950																					
DAY	HOUR	STATION LEVEL PRESSURE		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER		LOW CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE
		DRY BULB	WET BULB		DIRECTION	SPEED			TYPE	AMOUNT	HEIGHT	MIDDLE	HIGH	LOW	MIDDLE	HIGH			DIRECTION	SPEED	
11	02	9 9 3 2	2 5	2 4	2 2	2 8	3 0	9 0	8	8 6	8	8	2	4							
11	05	9 9 6 2	2 6	2 3	1 4	2 2	2 2	8 0	6	8 0 2	8	6	2	4	0	0	5 5	9			
11	08	9 9 6 4	2 6	2 3	1 5	2 2	1 0	8 1	7	8 7	2	6	2	4	3	0	5 5				
11	11	9 9 5 4	2 7	2 4	1 7	3 2	1 2	8 2	7	8 2	1	7	5	5							
11	14	9 9 1 7	2 6	2 5	2 1	3 0	1 7	1 2	8	7 0	2	8	5	4							
11	17	9 8 7 1	2 6	2 6	2 5	2 8	1 6	8 2	4	8 6	8	4	2	4	0	0	6				
11	20	9 8 4 2	2 5	2 4	2 2	2 7	2 0	2 4	8	8 5 6	8	8	2	4	0	0	6				
11	23	9 8 6 1	2 0	1 9	1 7	1 8	3 2	1 6	8	8 3 7	8	8	2	3			9				
12	02	9 9 4 1	2 2	1 9	1 4	2 2	2 7	8 0	8	8 0 2	8	8	2	4			9				
12	05	9 9 8 4	2 2	1 8	0 9	2 4	3 0	8 1	8	8 0 2	2	8	2	4			5				
12	08	9 9 8 4	2 2	1 9	1 3	2 3	1 3	8 2	7*	8 0 1	1	7	2	5			5				
12	11	9 9 6 3	2 4	2 3	1 7	0 0	0 0	2 4	8	8 5	2	8	2	4			6				
12	14	9 8 8 0	2 8	2 8	2 8	0 4	0 5	0 4	8	7 3	7	8	0	2	2	2	9				
12	17	9 8 3 8	3 4	3 3	3 2	3 0	3 8	1 2	8	8 3 6	7	8	0	2	2	2	7				
12	20	9 7 9 9	3 4	3 5	3 3	3 2	3 3	2 4	8	8 5	8	8	2	4			7				
12	23	9 7 6 5	3 2	3 0	2 6	3 1	3 3	8 0	2	8 2	2	8	2	4	0	0	7				
13	02	9 7 7 9	3 0	2 8	2 5	3 2	3 2	8 0	4	8 2 6	8	4	2	4	0	0	7				
13	05	9 7 8 0	2 8	2 5	2 2	3 1	2 8	8 1	2	8 0 2	1	2	2	4	0	0	7				
13	08	9 7 8 0	2 8	2 5	2 1	3 1	2 8	8 1	2	8 0 2	1	2	2	4	0	0	7				
13	11	9 7 9 6	2 8	2 6	2 2	2 9	3 1	8 0	6	8 2 7	8	6	4	0	0	6					
13	14	9 8 1 3	3 1	2 7	2 3	2 9	2 8	8 1	6	8 0 2	8	6	4	0	0	6					
13	17	9 8 4 6	3 0	2 7	2 1	2 8	2 5	8 0	6	8 0 2	8	6	4	0	0	6					
13	20	9 8 4 4	3 0	2 7	2 3	2 9	1 3	8 1	8	8 0 2	8	8	8	5			6				
13	23	9 8 3 1	3 0	2 8	2 4	2 9	1 9	8 1	7	8 0 2	8	7	8	5			6				
14	02	9 8 1 4	2 8	2 7	2 5	2 3	1 2	8 0	6	8 8 5	8	6	2	4	0	0	9				
14	05	9 8 3 2	2 5	2 4	2 2	2 0	2 7	4 8	8	8 7	8	8	2	4			9				
14	08	9 9 0 6	2 3	2 2	2 0	2 2	1 8	2 4	7	8 7	8	7	2	4			5				
14	11	9 9 6 5	2 3	2 0	1 3	2 0	1 9	8 2	7	8 0 2	8	7	5	4			5				
14	14	0 0 1 4	2 3	2 1	1 6	2 2	1 8	8 2	6	8 2 6	8	6	8	5	0	0	5				
14	17	0 0 5 5	2 5	2 2	1 4	2 2	1 7	8 2	7	8 0 2	2	7	5	6			5				
14	20	0 0 9 0	2 7	2 4	1 6	2 7	2 0	8 2	7	8 0 2	2	7	5	5			9				
14	23	0 1 1 8	2 7	2 4	1 8	2 7	1 0	8 2	1	8 0 1	1	0	0	9	4	0	0	9			
15	02	0 1 4 8	5 1	2 8	2 3	2 9	0 8	8 2	8	8 0 3	1	8	5	5			9				
15	05	0 1 4 9	5 1	3 0	2 7	3 4	2 2	8 1	8	8 0 2	2	8	5	5			9				
15	08	0 1 4 5	3 2	3 1	2 9	0 1	1 8	8 0	8	8 0 2	7	8	5	4			8				
15	11	0 1 2 7	5 3	3 2	3 0	0 2	1 8	8 0	8	8 0 2	2	8	5	4			8				
15	14	0 0 9 7	3 3	3 3	3 3	0 6	1 0	1 6	8	8 6	7	8	0	3	2		9				
15	17	0 0 6 3	5 5	3 5	3 5	0 1	1 0	2 4	8	8 2 3	7	8	0	2			8				
15	20	0 0 3 9	5 7	3 7	3 7	0 0	0 0	2 4	8	8 6 3	6	8	0	2			9				
15	23	0 0 3 3	5 8	3 7	3 7	0 7	1 0	3 6	8	8 0 2	6	8	0	2			8				
16	02	0 0 1 1	5 8	5 8	5 8	0 2	1 8	6 4	8	8 0 2	2	8	0	3			9				
16	05	9 9 6 5	5 8	3 7	3 7	0 3	2 6	4 8	8	6 5	6	8	0	3	2		9				
16	08	9 9 2 9	3 8	5 8	3 7	0 2	3 1	4 0	8	6 1	6	8	0	3	2		8				
16	11	9 9 0 3	3 8	3 8	3 7	0 2	3 1	2 4	8	6 0	6	8	7	3			8				
16	14	9 8 8 2	3 7	3 7	3 6	3 6	2 6	2 4	8	6 1	6	8	7	3			8				
16	17	9 8 8 2	3 6	3 6	3 6	0 1	1 6	2 4	8	6 1	6	8	7	2			8				
16	20	9 9 1 0	3 5	3 4	3 2	3 1	1 6	4 0	8	8 2 1	6	8	7	3			9				
16	23	9 9 4 3	3 3	3 0	2 5	3 0	1 8	8 1	6	8 0 2	2	6	5	4	0	0	9				
17	02	9 9 7 7	3 3	3 0	2 7	3 3	2 1	8 0	8	8 0 2	7	8	8	4			7				
17	05	0 0 1 1	5 2	3 0	2 7	3 2	1 8	8 2	3	8 0 2	1	3	5	4	0	0	9				
17	08	0 0 5 4	5 3	3 1	2 7	3 5	1 5	8 2	6	8 0 2	1	6	5	5	0	0	7				
17	11	0 0 4 8	5 3	3 1	2 7	3 5	1 2	8 2	4	8 0 2	1	4	5	4	0	0	7				
17	14	0 0 3 9	5 4	3 2	2 9	0 8	8 2	2	8 0 2	1	0	0	9	3	0	0	9				
17	17	0 0 4 7	5 2	3 0	2 8	0 6	1 2	8 2	1	0 2	1	0	0	9	7	0	0	9			
17	20	0 0 3 7	5 3	3 2	3 1	0 7	2 0	8 2	1	0 2	1	1	5	4	0	0	9				
17	23	0 0 1 4	5 3	3 2	3 1	0 7	2 4	8 2	8	8 0 2	1	8	5	6			9				
18	02	9 9 8 6	3 3	3 2	3 1	0 8	2 8	8 1	8	8 0 2	2	8	5	4			9				
18	05	9 9 6 2	3 4	3 3	3 3	0 6	2 9	8 0	8	8 0 2	7	8	5	4			9				
18	08	9 9 5 4	3 4	3 4	3 4	0 5	2 0	1 6	8	5 1	5	8	6	2			9				
18	11	9 9 3 6	3 4	3 4	3 4	0 4	1 5	1 6	8	5 1	5	8	6	2			8				
18	14	9 9 2 0	3 3	3 2	2 9	0 1	1 2	6 4	8	8 2 2	5	8	5	4			8				
18	17	9 9 3 6	3 1	3 0	2 8	2 7	3 0	4 0	8	8 5	2	8	2	4			6				
18	20	9 9 6 5	3 1	2 9	2 4	2 2	2 7	8 0	8	8 0 2	2	8	2	4			5				
18	23	9 9 9 0	2 9	2 7	2 4	2 4	3 0	8 0	5	8 5	8	5	2	5	0	0	5				
19	02	0 0 1 7	2 9	2 7	2 3	2 2	2 2	8 0	8	8 0 2	2	8	2	5	3	7	9				
19	05	0 0 2 9	2 9	2 7	2 3	2 1	2 2	8 0	8	8 5	8	8	0	4	5	5	9				
19	08	0 0 4 4	3 0	2 7	2 2	2 2	1 6	8 1	8	8 0 2	2	8	8								

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF AUGUST 1950**

DAY	HOUR	STATION LEVEL PRESSURE	WIND		DEW POINT	DIRECTION	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	LOW CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
			DRY BULB	WET BULB						Kts.	"x10	VV	Oklas	W	Oklas	C _L	H	C _M	C _H	DIRECTION	SPEED	
LST.	Mbs.	"F	"F	"F	"F																	
21	0 2	9 8 8 1	2 6	2 3	1 7	2 2	3 5	4 8	7	2 7	8	7	2	4								
21	0 5	9 9 1 1	2 5	2 3	1 9	2 4	2 5	8 1	5	0 1	1	3	2	4	0	0	0	5	6			
21	0 8	9 9 2 9	2 7	2 5	2 4	3 5	8 1	6	0 3	8	6	2	5	0	0	0	5	5				
21	1 1	9 9 4 5	2 7	2 5	2 1	2 4	3 2	8 1	8	2 7	9	8	2	5								
21	1 4	9 9 6 7	2 6	2 4	2 9	2 3	4 0	8	3 6	8	8	2	4	0	0	0	5	5				
21	1 7	9 9 8 5	2 6	2 3	1 8	2 2	3 7	8 1	6	0 2	8	6	2	4	0	0	0	5	5			
21	2 0	0 0 0 1	2 5	2 4	2 4	2 2	4 1	1 6	7	8 7	8	7	2	4								
21	2 3	0 0 2 6	2 7	2 7	2 7	2 3	3 3	0 4	7	8 5	8	7	2	4	0	0	0	5	5			
22	0 2	0 0 4 1	3 1	2 9	2 7	2 2	2 2	8 0	8	0 2	8	8	2	5	0	0	0	5	5			
22	0 5	0 0 4 5	3 1	2 9	2 5	2 3	2 8	8 0	6	0 2	8	6	2	5	0	0	0	5	5			
22	0 8	0 0 4 7	3 0	2 9	2 3	1 9	8 1	8	0 2	8	7	8	4	0	0	0	5	5				
22	1 1	0 0 4 5	3 0	3 0	3 0	2 3	1 7	3 2	8	7 0	8	8	5	3	0	0	0	5	5			
22	1 4	0 0 3 5	3 1	3 1	2 9	2 4	2 4	8 0	8	8 7	8	8	8	4	0	0	0	5	5			
22	1 7	0 0 3 9	3 2	3 0	3 0	2 4	2 6	8 0	9	0 2	8	8	8	4	0	0	0	5	5			
22	2 0	0 0 4 6	3 1	2 9	2 6	2 4	2 3	8 1	8	0 2	8	8	8	4	0	0	0	5	5			
22	2 3	0 0 4 6	3 1	3 0	2 8	2 4	1 7	7 2	8	2 6	8	8	8	4	0	0	0	5	5			
22	2 6	0 0 2 8	3 2	3 0	2 8	2 7	0 6	5 6	8	0 5	8	8	8	5	0	0	0	5	5			
22	2 9	0 0 0 3	3 3	3 2	2 2	2 5	0 7	8 0	8	0 2	8	8	8	5	0	0	0	5	5			
23	0 8	9 9 7 8	3 3	3 2	3 2	2 9	0 9	2 4	8	8 5	8	5	8	5	0	0	0	5	5			
23	1 1	9 9 4 3	3 3	3 3	3 2	2 7	1 7	2 4	8	8 5	8	7	8	6	0	0	0	5	5			
23	1 4	9 9 1 2	3 3	3 3	3 3	2 9	1 6	2 0	8	8 6	8	7	8	6	0	0	0	5	5			
23	1 7	9 8 9 6	5 2	3 2	3 2	2 9	2 4	4 0	8	8 6	5 8	8	8	6	0	0	0	5	5			
23	2 0	9 8 9 5	3 0	2 9	2 9	2 3	3 1	0 4	8	8 6	8	8	8	4	0	0	0	5	5			
23	2 3	9 9 0 6	3 1	2 9	2 6	2 3	2 9	8 0	8	0 2	8	8	8	4	0	0	0	5	5			
24	0 2	9 9 2 1	3 0	2 9	1 9	2 3	4 4	8 1	6	0 2	1	5	2	4	0	0	0	5	5			
24	0 5	9 9 2 2	3 1	2 8	2 2	2 7	2 4	8 1	8	0 2	8	8	8	6	0	0	0	5	5			
24	0 8	9 9 2 3	3 1	2 8	2 2	2 9	2 8	4 0	7	0 2	8	8	8	6	0	0	0	5	5			
24	1 1	9 9 4 2	2 9	2 7	2 2	2 8	3 5	8 0	7	0 2	8	8	8	6	0	0	0	5	5			
24	1 4	9 9 5 5	2 9	2 6	2 0	2 5	3 0	8 1	6	0 2	8	8	6	2	0	0	0	5	5			
24	1 7	9 9 4 5	3 0	2 6	1 9	2 9	2 3	8 2	2	0 2	1	2	2	5	0	0	0	5	5			
24	2 0	9 9 1 4	3 1	2 9	2 7	2 8	2 0	8 1	6	0 2	2	6	2	4	0	0	0	5	5			
24	2 3	9 8 9 3	3 0	2 9	2 5	2 8	2 0	8 1	7	0 2	2	6	2	4	0	0	0	5	5			
25	0 2	9 8 7 8	2 7	2 7	2 6	2 5	2 0	2 4	8	8 7	8	8	8	2	4	0	0	0	5	5		
25	0 5	9 8 5 8	2 8	2 5	2 1	3 2	0 2	8 1	7	0 2	8	7	8	4	0	0	0	5	5			
25	0 8	9 8 1 8	2 8	2 9	2 7	2 5	3 1	1 4	8 1	7	0 2	8	7	8	4	0	0	0	5	5		
25	1 1	9 8 0 6	2 3	2 2	2 0	2 0	3 5	3 0	4 0	7	3 6	8	7	2	4	0	0	0	5	5		
25	1 4	9 8 5 8	2 0	1 9	1 6	2 4	4 5	4 3	7	8 5	8	7	2	4	0	0	0	5	5			
25	1 7	9 8 8 2	2 0	1 7	1 1	2 4	4 5	2 4	7	8 5	8	7	2	4	0	0	0	5	5			
25	2 0	9 9 2 3	1 9	1 8	1 4	2 1	3 5	7 2	7	3 6	8	7	2	4	0	0	0	5	5			
25	2 3	9 9 3 0	2 1	2 0	1 6	2 4	2 8	8 0	7	0 2	8	7	2	4	0	0	0	5	5			
25	2 6	0 2	9 9 1 7	2 4	2 3	2 0	2 4	2 5	8 0	8	2 6	8	8	8	4	0	0	0	5	5		
26	0 5	9 9 0 8	2 4	2 3	2 0	2 3	3 0	8 1	7	0 2	8	7	8	4	0	0	0	5	5			
26	0 8	9 8 9 8	2 4	2 2	1 8	2 2	4 0	8 1	7	0 2	8	7	8	4	0	0	0	5	5			
26	1 1	9 9 0 6	2 3	2 2	2 0	2 0	3 5	0 4	8	8 5	8	7	2	4	0	0	0	5	5			
26	1 4	9 9 5 1	2 2	2 1	1 5	1 9	2 5	6 4	8	8 2	8	7	2	4	0	0	0	5	5			
26	1 7	9 9 5 1	2 0	1 9	1 4	1 9	2 5	6 4	8	8 2	8	7	2	4	0	0	0	5	5			
26	2 0	9 9 6 2	2 0	1 9	1 5	1 9	2 0	4 0	8	8 2	8	7	2	4	0	0	0	5	5			
26	2 3	9 9 7 9	2 2	2 2	2 1	2 2	2 5	8 0	6	2 6	8	6	2	4	0	0	0	5	5			
27	0 2	9 9 9 5	2 2	2 1	2 1	2 1	2 5	0 4	8 6	8 6	8	6	2	4	0	0	0	5	5			
27	0 5	0 0 0 0	2 3	2 1	1 6	2 1	3 5	4 0	8	3 6	8	8	2	4	0	0	0	5	5			
27	0 8	0 0 1 3	2 3	2 1	1 6	2 1	4 2	8 0	7	3 6	1	1	5	4	0	0	0	5	5			
27	1 1	0 0 0 3	2 5	2 3	1 9	2 1	4 2	8 0	7	3 6	2	7	5	4	0	0	0	5	5			
27	1 4	0 0 0 3	2 6	2 4	2 0	2 1	4 7	8 0	7	3 6	2	7	5	4	0	0	0	5	5			
27	1 7	0 0 2 1	2 7	2 5	2 1	2 1	5 2	8 0	7	0 2	2	7	5	4	0	0	0	5	5			
27	2 0	0 0 4 1	2 7	2 6	2 3	2 1	4 6	8 0	7	0 2	2	7	8	4	0	0	0	5	5			
27	2 3	0 0 7 5	2 8	2 6	2 5	2 4	5 1	8 1	6	0 3	1	6	5	4	0	0	0	5	5			
28	0 2	0 0 9 3	2 8	2 7	2 5	2 2	3 1	5 1	8 1	5 0 1	1	5	5	4	0	0	0	5	5			
28	0 5	0 0 1 1	2 8	2 6	2 3	2 5	6 2	3 0	1 1	1 1	1	1	5	5	0	0	0	5	5			
28	0 8	0 0 3 3	2 9	2 6	2 7	2 2	4 0	8 2	7	0 2	1	1	5	5	0	0	0	5	5			
28	1 1	0 0 2 9	3 0	2 7	2 2	2 4	4 0	8 2	7	0 2	2	3	5	5	1	1	5	9	9			
28	1 4	0 0 1 4	3 0	2 7	2 1	2 4	4 0	8 2	8	0 2	2	3	5	5	1	1	5	9	9			
28	1 7	0 0 0 1	3 0	2 7	2 2	2 4	5 0	8 2	8	0 2	2	2	5	5	1	1	5	6	6			
29	0 2	9 9 9 0	3 0	2 7	2 1	2 4	1 5	8 2	7	0 2	2	7	5	5	0	0	0	5	5			
29	0 5	0 0																				

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF AUGUST 1950																								
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB		WET BULB		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER		CLOUD DIRECTION	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE			
			LST.	Mbs.	°F	°F		°F	"x10		W	Oktas	ww	W	C _L	h	C _M	C _H	LOW	MIDDLE	HIGH	DIRECTION	SPEED	
31	0 2	9 9 0 7	2 8	2 7	2 5	1 1	0 6	8 0	8	7 0	2	8	0	4	2	2	2	9	9	9	9	0 0 0	0 0 0	0 0 0
31	0 5	9 8 6 4	2 7	2 6	2 5	0 0	0 0	4 0	8	7 0	7	8	0	4	2	2	2	9	9	9	9	0 0 0	0 0 0	0 0 0
31	0 8	9 8 3 0	2 7	2 7	2 7	2 8	0 2	2 4	8	7 1	7	8	0	3	2	2	2	9	9	9	9	0 0 0	0 0 0	0 0 0
31	1 1	9 7 9 5	2 8	2 7	2 5	2 3	0 3	5 6	8	7 0	7	8	0	4	2	2	2	9	9	9	9	0 0 0	0 0 0	0 0 0
31	1 4	9 7 5 2	2 8	2 7	2 7	0 9	0 4	5 6	8	7 1	7	8	0	3	2	2	2	9	9	9	9	0 0 0	0 0 0	0 0 0
31	1 7	9 7 2 4	2 6	2 6	2 6	2 1	4 0	9 0	8	7 3	7	8	0	3	2	2	2	9	9	9	9	0 0 0	0 0 0	0 0 0
31	2 0	9 7 2 3	2 5	2 5	2 4	2 1	4 5	9 0	8	3 7	7	8	0	3	2	2	2	2 9	2 3	0 0 0	3	3 7 8	2 1	5 7
31	2 3	9 7 4 9	2 3	2 3	2 2	2 1	4 3	2 4	8	3 6	8	8	0	4	2	2	2	9	9	9	9	0 0 0	0 0 0	0 0 0

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF HEARD ISLAND
SEPTEMBER 1950**

DAY	HOUR	STATION ELEV. PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	CLOUD DIRECTION	LOW	MIDDLE	HIGH	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE				
						DIRECTION	SPEED * x10	Kts.	VV	Oltas	ww	w	Oltas	C _L	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	DIRECTION	SPEED * x10				
01	02	9 7 7 2	2 1	2 0	1 8	2 1	3 5	2 4	8	8 5	0 2	2 2	0 2 2	4	4	4	4	4	4	9	4	4	4	4	4	4	4	4	4	
01	05	9 7 9 4	2 3	2 1	1 8	2 1	3 8	8 0	8	8 0	0 2	2 2	0 2 2	4	4	4	4	4	4	9	5	5	5	5	5	5	5	5	5	
01	08	9 7 9 9	2 3	2 1	1 8	2 2	3 3	8 0	8	8 0	0 2	2 2	0 2 2	4	4	4	4	4	4	9	5	5	5	5	5	5	5	5	5	
01	11	9 7 9 2	2 4	2 5	2 1	2 2	2 0	8 0	7	8 0	0 2	2 2	0 2 2	5	5	5	5	5	5	9	5	5	5	5	5	5	5	5	5	
01	14	9 7 5 8	2 5	2 5	2 3	0 0	0 0	3 2	8	7 1	2 2	8 0	5 4	5	5	5	5	5	5	9	9	9	9	9	9	9	9	9	9	
01	17	9 7 0 7	5 1	3 0	2 8	2 8	1 4	0 8	8	7 1	7	8 6	5 3	5	5	5	5	5	5	9	9	9	9	9	9	9	9	9	9	
01	20	9 6 3 8	5 1	3 1	5 0	3 6	0 4	0 8	8	7 1	7	8 6	5 3	5	5	5	5	5	5	9	9	9	9	9	9	9	9	9	9	
01	23	9 6 2 6	2 9	2 9	2 8	2 5	1 6	2 4	8	8 5	7	8 6	5 3	5	5	5	5	5	5	9	9	9	9	9	9	9	9	9	9	
02	02	9 6 2 0	3 0	2 9	2 7	2 7	2 4	1 0	8 0	7	0 1	7	7 5	4	4	4	4	4	4	9	5	5	5	5	5	5	5	5	5	
02	05	9 7 2 9	2 3	2 1	1 8	2 1	3 2	4 0	7	7 5	6	6 2	4	4	4	4	4	4	9	5	5	5	5	5	5	5	5	5		
02	08	9 7 9 2	2 2	2 1	1 7	2 1	3 1	4 0	7	7 5	6	6 2	4	4	4	4	4	4	9	5	5	5	5	5	5	5	5	5		
02	11	9 8 2 0	2 2	2 3	2 0	2 5	0 7	8 2	8	8 0	0 3	1 1	3 5	5	5	5	5	5	5	9	5	5	5	5	5	5	5	5	5	
02	14	9 8 0 8	2 5	2 3	2 0	2 5	0 7	8 2	8	8 0	0 3	1 1	3 5	5	5	5	5	5	5	9	5	5	5	5	5	5	5	5	5	
02	17	9 7 7 3	2 5	2 5	2 3	0 0	0 0	2 4	8	7 1	7	8 6	5 3	5	5	5	5	5	5	9	9	9	9	9	9	9	9	9	9	
02	20	9 7 1 7	2 8	2 7	2 5	0 9	0 4	2 4	8	7 1	7	8 0	5 3	5	5	5	5	5	5	9	9	9	9	9	9	9	9	9	9	
02	23	9 6 6 4	2 8	2 7	2 6	0 9	1 7	1 6	8	7 1	7	8 0	5 3	5	5	5	5	5	5	9	9	9	9	9	9	9	9	9	9	
03	02	9 6 4 8	2 9	2 8	2 7	0 9	1 0	0 8	8	7 3	7	8 0	5 3	5	5	5	5	5	5	9	9	9	9	9	9	9	9	9	9	
03	05	9 6 7 1	2 9	2 9	2 7	0 7	0 6	0 3	8	7 0	7	6 5	7	4	4	4	4	4	9	9	9	9	9	9	9	9	9	9		
03	08	9 7 1 2	3 0	2 9	2 7	2 8	0 3	8 1	5	0 2	7	4	4	4	4	4	4	4	9	9	9	9	9	9	9	9	9	9		
03	11	9 7 6 1	3 0	2 8	2 5	2 1	2 1	1 8	8 1	7	0 2	2	7	5	4	4	4	4	9	9	9	9	9	9	9	9	9	9		
03	14	9 8 1 0	2 7	2 6	2 3	2 0	2 2	2 1	8 0	7	0 2	2	7	5	4	4	4	4	9	9	9	9	9	9	9	9	9	9		
03	17	9 8 4 4	2 6	2 4	2 0	2 2	3 0	7 2	8	3 6	8	8 5	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9		
03	20	9 8 7 4	2 2	2 0	1 7	2 3	3 3	0 8	7 2	8	3 6	8	8 5	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	
03	23	9 9 0 0	2 3	2 2	1 9	2 2	3 5	2 4	8	3 6	8	8 5	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	
04	02	9 9 2 1	2 2	2 1	1 8	2 3	3 5	1 6	8	8 7	8	8 5	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	
04	05	9 9 3 4	2 3	2 3	2 0	2 2	3 0	2 4	8	8 7	8	8 5	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	
04	08	9 9 4 4	2 2	2 1	2 1	2 2	3 0	0 1	8	8 6	8	8 5	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	
04	11	9 9 5 8	2 5	2 4	2 1	2 3	2 8	0 0	8	7 3	8	8 5	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	
04	14	9 9 6 1	2 6	2 5	2 1	2 5	3 0	0 9	8	7 0	7	8 6	5 4	5	5	5	5	5	5	9	9	9	9	9	9	9	9	9	9	
04	17	9 9 7 7	2 8	2 7	2 5	2 4	3 3	1 6	8	8 5	8	8 5	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	
04	20	9 9 9 2	2 8	2 7	2 5	2 3	2 3	4 0	8	7 2	7	8 5	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	
04	23	9 9 8 0	3 0	2 9	2 7	2 7	1 3	8 1	8	2 6	8	8 5	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	
05	02	9 9 3 3	3 0	2 9	2 7	3 5	0 7	8 0	8	7 0	7	8 5	4 4	4	4	4	4	4	4	9	9	9	9	9	9	9	9	9	9	
05	05	9 8 8 8	3 1	3 1	2 9	0 0	0 0	4 0	8	7 1	7	8 6	6 6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9	
05	08	9 8 7 9	3 3	3 2	3 1	2 4	2 4	4 0	8	2 3	7	8 6	6 6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9	
05	11	9 8 8 4	3 3	3 2	3 0	2 4	2 3	4 0	8	0 2	2	8 6	6 6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9	
05	14	9 8 7 2	3 2	3 0	2 7	2 4	2 3	4 0	8	0 2	2	8 6	6 6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9	
05	17	9 8 7 1	3 2	3 0	2 6	2 4	2 1	3 7	8	0 2	2	8 6	6 6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9	
06	20	9 8 6 1	3 2	3 1	2 9	2 9	1 2	8 1	8	0 2	2	8 6	6 6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9	
06	23	9 8 4 7	2 8	2 8	2 7	2 4	1 4	8 1	8	8 5	2	8 6	6 6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9	
06	02	9 8 5 0	2 8	2 7	2 5	2 7	2 5	2 4	8 0	7	8 4	2 4	2 4	2 4	2 4	2 4	2 4	2 4	2 4	9	9	9	9	9	9	9	9	9	9	
06	05	9 8 7 7	2 9	2 7	2 2	2 7	2 5	2 3	8 0	7	8 0	2 2	2 2	8 5	5	5	5	5	5	5	9	9	9	9	9	9	9	9	9	9
06	08	9 8 8 4	3 0	2 7	2 2	2 8	2 8	1 4	8 0	7	7 0	2 2	8 5	5	5	5	5	5	5	9	9	9	9	9	9	9	9	9	9	
06	11	9 8 9 1	3 0	2 7	2 4	2 9	2 5	0 8	8	8 5	8	8 8	8 2	8 2	8 2	8 2	8 2	8 2	9	9	9	9	9	9	9	9	9	9		
06	14	9 8 8 1	2 7	2 6	2 5	2 7	2 4	1 5	8 0	8	0 2	2	8 6	6 6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9	
06	17	9 8 0 0	3 1	2 9	2 6	2 6	2 9	2 4	8 2	8	2 6	6 6	6	6	6	6	6	6	9	9	9	9	9	9	9	9	9	9		
06	20	9 8 0 0 0 3	3 1	2 9																										

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF**

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF														HEARD ISLAND SEPTEMBER 1950												
DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB		WET BULB		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST			
		DIRECTION	SPEED	DIRECTION	SPEED	"x10	Kts.		VV	Oktas	ww	W	Oktas	C _L	h	C _M	C _H	C _L	C _M	C _H	"x10	Kts.	Direction	Speed		
LST.	Mbs.	"F	"F	"F	"F	"x10	Kts.																			
11	0 2	9 7 0 5	3 7	3 6	3 5	3 4	1 4	2 4	8	6 3	6	8	0	3	2	9										
11	0 5	9 7 3 6	2 8	2 5	2 0	2 4	3 8	8 0	8	0 2	6	8	2	4	9											
11	0 8	9 7 8 3	2 8	2 5	1 9	2 5	3 8	8 1	7	0 1	8	7	2	4	6											
11	1 1	9 7 9 5	2 8	2 5	2 2	2 9	2 4	6 4	8	8 5	8	8	2	5	6											
11	1 4	9 7 6 7	2 7	2 6	2 3	3 2	2 7	6 4	7	3 6	8	7	2	4	7											
11	1 7	9 7 8 2	2 3	2 2	1 7	3 1	3 3	6 4	8	3 6	8	8	2	5	6											
11	2 0	9 8 0 2	2 4	2 3	1 8	3 2	2 8	8 1	2	3 6	8	2	2	5	6	0	0	0	0	0	0	0	0	0		
11	2 3	9 8 0 9	2 7	2 6	2 5	2 9	2 6	4 0	7	3 6	8	7	2	5	6	9										
12	0 2	9 8 2 3	2 7	2 5	2 3	2 7	3 5	4 0	8	3 6	8	8	2	5	6	9										
12	0 5	9 8 4 6	2 7	2 6	2 3	3 0	3 5	4 0	8	8 7	8	8	2	4	9											
12	0 8	9 8 6 5	3 0	2 7	2 2	3 0	3 0	8 0	8	0 2	2	8	5	5	7											
12	1 1	9 8 7 1	3 2	2 9	2 5	2 9	2 0	8 1	7	0 2	2	7	5	5	6											
12	1 4	9 8 2 6	3 1	3 0	2 9	3 0	0 7	0 5	8	7 3	2	8	0	3	7											
12	1 7	9 7 1 1	3 2	3 1	1 5	1 0	1 1	0 5	8	7 3	7	8	0	2	9											
12	2 0	9 6 2 3	3 6	3 5	3 4	3 0	3 9	3 2	8	6 1	6	8	0	3	7											
12	2 3	9 6 3 4	3 5	3 4	3 2	3 0	2 6	4 8	8	6 0	6	8	0	4	7											
13	0 2	9 6 4 2	3 4	3 3	3 2	3 0	2 4	6 4	8	6 0	6	8	0	4	7											
13	0 5	9 7 1 7	3 0	2 9	2 6	2 2	2 4	8 0	7	2 6	8	7	2	4	6											
13	0 8	9 7 6 2	2 9	2 7	2 3	2 5	2 6	8 1	7	2 5	8	6	2	5	5											
13	1 1	9 8 2 5	2 8	2 6	2 1	2 2	2 7	8 2	6	0 2	2	8	5	5	5											
13	1 4	9 8 7 9	2 8	2 6	2 1	2 4	2 6	8 0	8	8 5	5	2	8	5	5											
13	1 7	9 9 1 6	2 7	2 5	2 1	2 5	3 2	2 4	7	3 7	8	7	2	5	5											
13	2 0	9 9 6 3	2 9	2 6	2 0	2 7	3 0	8 0	8	3 6	8	8	2	4	9											
13	2 3	9 9 9 2	2 7	2 4	1 8	2 5	2 7	8 0	8	3 6	2	8	2	4	9											
14	0 2	0 0 0 2	2 9	2 7	2 3	2 7	1 8	8 1	8	0 2	2	8	2	4	9											
14	0 5	9 9 8 5	3 1	2 9	2 6	2 9	1 8	8 1	8	0 2	2	8	2	4	9											
14	0 8	9 9 6 9	3 2	3 0	2 7	3 0	2 5	8 0	7	0 2	8	6	2	4	9											
14	1 1	9 9 4 6	3 2	3 0	2 7	3 0	1 8	4 0	8	8 5	5	2	8	5	5											
14	1 4	9 9 0 0	3 1	3 0	2 7	3 1	1 1	1 6	8	8 5	8	8	2	4	9											
14	1 7	9 8 7 4	2 9	2 8	2 6	2 7	1 5	1 2	8	7 3	7	8	2	4	9											
14	2 0	9 8 6 7	3 1	3 0	2 8	2 9	0 9	4 0	8	7 1	7	8	2	4	9											
14	2 3	9 7 7 5	3 1	2 9	2 7	2 4	2 0	1 6	8	3 6	7	8	2	4	9											
15	0 2	9 8 9 8	3 1	2 8	2 4	2 9	1 4	4 0	8	3 6	2	8	2	4	9											
15	0 5	9 8 8 8	3 0	2 9	2 6	3 1	1 4	3 2	8	7 1	2	8	2	4	9											
15	0 8	9 8 5 7	3 1	3 1	3 0	3 3	1 8	0 8	8	7 1	7	8	2	4	9											
15	1 1	9 8 1 3	3 1	3 1	3 0	3 5	1 9	0 5	8	7 3	7	8	2	4	9											
15	1 4	9 7 7 2	3 3	3 2	3 2	3 3	2 1	2 4	8	6 6	7	8	2	4	9											
15	1 7	9 7 4 4	3 4	3 3	3 2	3 4	2 4	4 0	8	6 6	7	8	2	4	9											
15	2 0	9 8 6 7	3 2	3 0	2 7	2 8	1 7	4 6	8	2 2	7	8	2	4	9											
15	2 3	9 7 3 5	3 1	2 9	2 6	3 0	1 7	8 0	4	2 2	7	7	2	4	9											
16	0 2	9 7 3 4	3 1	2 9	2 5	3 1	1 2	8 0	4	0 1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0 5	9 7 5 5	2 8	2 7	2 4	2 8	1 5	0 1	8	8 5	8	8	2	4	9											
16	1 1	9 8 1 6	2 5	2 5	2 3	2 4	2 3	4 8	7	3 6	8	7	2	4	9											
16	1 4	9 8 6 4	2 6	2 5	2 3	2 4	2 7	8 0	7	2 7	8	7	2	4	9											
16	1 7	9 9 2 0	2 4	2 3	1 9	2 4	2 2	4 0	8	3 6	8	8	2	4	9											
16	2 0	9 9 5 4	2 5	2 2	1 4	3 2	1 8	8 0	8	2 6	8	8	2	4	9											
16	2 3	9 9 7 0	2 7	2 5	2 1	2 7	0 5	4 8	8	8 5	8	8	2	4	9											
17	0 5	9 9 6 8	3 0	2 8	2 6	3 1	0 7	8 0	8	7 0	2	8	5	4	9											
17	0 8	9 9 5 8	3 1	3 0	2 9	3 4	0 4	4 0	8	7 1	7	8	5	4	9											
17	1 1	9 9 2 7	3 1	3 0	3 4	1 8	1 6	8	7 1	7	8	5	4	9												
17	1 4	9 9 3 0	3 3	3 2	3 0	2 9	2 0	4 0	8	2 2	7	7	8	5	4	9										
17	1 7	9 9 4 1	3 3	3 1	2 7	2 8	1 5	6 4	8	0 2	2	8	8	4	9											
17	2 0	9 9 4 3	3 2	3 1	2 9	2 8	1 6	6 4	8	0 2	2	8	8	4	9											
17	2 3	9 9 5 1	3 3	3 1	2 8	2 8	2 2	6 4	8	2 6	8	8	2	8	3	6										
18	0 2	9 9 5 8	3 3	3 1	2 7	2 8	1 8	8 0	8	0 2	2	8	8	4	9											
18	0 5	9 9 4 3	3 4	3 2	2 9	1 9	7 2	8 0	8	5 1	6	8	0	3	2	9										
18	0 8	9 9 5 9	3 4	3 2	2 9	1 9	7 2	8 0	8	5 0	5	8	0	3	2	9										
18	1 1	9 9 7 8	3 5	3 2	3 2	2 3	2 2	4 0	8	7 0	5	8	0	3	5	5										
18	1 4	9 9 8 8	3 4	3 2	3 0	2 4	1 6	8 1	8	0 2	2	8	8	4	5	5										
18	1 7	9 9 8 8	3 4	3 2	3 0	2 2	0 5	8 1	8	2 2	7	8	0	3	4	5										
18	2 0	9 9 5 3	3 5	3 2	3 1	0 7	1 2	8 0	8	0 2	2	8	8	4	5	5										
18	2 3	9 8 7 8	3 5	3 2	3 0	2 2	0 5	8 0	8	7 3	7	8	0	3	4	2	9									
19	0 2	9 8 5 7	3 6	3 5	3 1	2 1	3 2	3 2	8	5 1	6	8	0	3	2	9										
19	0 5	9 8 3 5	3 6	3 5	3 2	0 6	4 0	8	5 0	5	8	0	3	2	9											
19	0 8	9 8 9 7	3 4	3 5	3 2	2 9																				

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF HEARD ISLAND
SEPTEMBER 1950**

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	WIND SPEED "x10	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER AMOUNT	PAST WEATHER TYPE	HEIGHT	CLOUD DIRECTION			MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F	PRECIPITATION	ANEMOMETER	MAXIMUM GUST SPEED	SUNSHINE	
													LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH				
LST.	Mbs.	"F	"F	"F	Kts.	VV	Oktas	vv	W	Okta	C _L	h	C _M	C _H	C _L	C _M	C _H	Points	Miles	"x10 Kts.	Hours	
2 1	0 2	9 9 0 0	3 0	2 8	2 5	2 9	2 4	8 0	6	3 6	1	6	2	4	0	0	6					
2 1	0 5	9 9 1 1	2 8	2 7	2 5	2 9	2 2	8 1	7	0 2	8	7	2	4	5	5	5					
2 1	0 8	9 9 1 1	2 7	2 5	2 4	2 9	2 3	6 4	7	3 6	8	7	2	4	5	5	5					
2 1	1 1	9 9 1 7	2 9	2 6	2 2	2 9	2 6	5 6	7	3 6	8	7	2	4	5	5	5					
2 1	1 4	9 9 2 3	2 9	2 7	2 2	2 9	3 2	1 6	8	3 6	8	8	2	4	5	5	5					
2 1	1 7	9 9 1 7	2 9	2 7	2 3	3 0	3 2	7 2	7	3 6	8	7	2	4	5	5	5					
2 1	2 0	9 9 2 8	2 8	2 9	2 5	2 9	3 2	7 2	6	3 6	8	6	2	4	5	5	5					
2 1	2 3	9 9 5 5	3 1	2 8	2 3	2 7	3 2	7 2	8	3 6	8	6	2	4	5	5	5					
2 2	0 2	9 9 5 9	3 0	2 9	2 7	2 8	3 0	3 2	8	8 5	8	6	2	4	5	5	5					
2 2	0 5	9 9 6 7	3 1	2 9	2 6	3 0	1 8	4 0	8	3 6	8	6	2	4	5	5	5					
2 2	0 8	9 9 5 2	3 1	3 0	2 9	2 8	1 5	8 2	8	0 2	2	2	2	3	5	5	5					
2 2	1 1	9 9 2 8	3 1	3 0	2 7	2 7	1 0	4 0	8	7 1	7	6	6	3	5	5	5					
2 2	1 4	9 8 8 5	3 0	2 9	2 7	0 0	0 0	4 8	8	7 1	7	6	6	3	5	5	5					
2 2	1 7	9 8 4 8	2 9	2 8	2 6	2 3	0 4	5 6	8	7 1	7	6	6	3	5	5	5					
2 2	2 0	9 8 1 1	3 0	2 9	2 7	2 0	2 1	4 0	7	8 5	8	7	2	3	5	5	5					
2 2	2 3	9 8 4 7	2 7	2 6	2 4	2 0	2 5	0 4	7	3 7	8	7	2	3	5	5	5					
2 3	0 2	9 8 7 5	2 6	2 5	2 3	2 0	2 2	4 8	7	3 6	8	7	2	3	5	5	5					
2 3	0 5	9 9 1 4	2 3	2 1	2 1	2 1	3 6	4 0	7	3 6	8	7	2	3	5	5	5					
2 3	0 8	9 9 3 5	2 4	2 2	1 7	2 1	2 8	8 1	7	0 2	1	7	6	3	5	5	5					
2 3	1 1	9 9 6 1	2 5	2 3	1 8	2 4	2 4	8 0	8	3 6	8	7	2	3	5	5	5					
2 3	1 4	9 9 7 3	2 6	2 5	2 2	2 4	2 5	8 0	8	0 2	2	2	2	4	5	5	5					
2 3	1 7	9 9 7 0	3 0	2 8	2 5	2 4	2 3	8 0	8	0 2	2	2	2	4	5	5	5					
2 3	2 0	9 9 5 6	3 0	2 8	2 6	2 9	1 6	8 1	8	0 2	2	2	2	4	5	5	5					
2 3	2 3	9 9 1 5	3 1	2 9	2 7	3 0	2 1	8 1	7	0 2	2	2	2	4	5	5	5					
2 4	0 2	9 8 8 2	3 2	2 8	2 5	5 2	1 4	6 4	8	3 6	2	8	6	3	5	5	5					
2 4	0 5	9 8 3 8	3 1	3 0	2 9	2 7	1 3	0 8	8	7 1	7	8	6	3	5	5	5					
2 4	0 8	9 8 3 9	3 1	2 9	2 4	2 5	1 4	8 0	7	0 2	2	7	7	5	5	5	5					
2 4	1 1	9 8 4 5	3 2	3 0	2 9	2 3	2 3	1 6	8 1	8	0 2	2	7	8	5	5	5					
2 4	1 4	9 8 5 3	3 2	3 1	2 9	2 5	1 6	8 1	7	0 2	2	2	2	4	5	5	5					
2 4	1 7	9 8 4 0	3 2	2 9	2 6	2 5	1 5	8 1	8	0 2	2	2	2	4	5	5	5					
2 4	2 0	9 8 0 0	3 0	2 9	2 7	3 0	1 4	3 2	8	7 7	8	8	5	4	4	5	5					
2 4	2 3	9 7 2 1	3 0	2 9	2 7	0 3	0 7	0 8	8	7 3	7	8	6	3	5	5	5					
2 4	2 6	9 6 5 9	3 2	3 1	3 0	2 9	2 0	1 6	8 6	8 6	7	8	6	3	5	5	5					
2 4	2 9	9 6 6 6	3 1	3 0	2 9	2 8	2 5	1 2	8 0	8 6	7	8	6	4	4	5	5					
2 5	0 2	9 8 0 1	3 0	2 9	2 7	2 2	3 0	1 6	8 7	8 7	8	0 0	0 0	0 0	0 0	0 0	0 0					
2 5	1 1	9 8 7 3	2 9	2 6	2 3	2 3	2 7	8 0	8	0 2	2	2	2	4	5	5	5					
2 5	1 4	9 8 9 5	2 9	2 6	2 2	2 4	2 0	8 0	8	0 2	2	2	2	4	5	5	5					
2 5	1 7	9 8 8 2	2 9	2 6	2 0	3 1	0 8	8 1	8	0 2	2	2	2	4	5	5	5					
2 5	2 0	9 7 9 5	2 8	2 7	2 5	0 6	1 5	0 4	8	7 3	7	8	0 0	0 0	0 0	0 0	0 0					
2 5	2 3	9 6 5 9	3 1	3 0	2 9	0 4	0 2	0 8	8	7 1	7	8	0 0	0 0	0 0	0 0	0 0					
2 5	2 6	9 6 2 2	3 6	3 3	3 0	3 1	2 7	8 0	8	2 5	8	8	2	4	4	5	5					
2 5	2 9	9 5 6 6	3 3	3 2	3 0	3 7	3 2	8 0	8	5 1	8	5	8	6	3	5	5					
2 6	0 6	9 7 1 5	2 6	2 5	2 2	2 4	6 2	1 6	8 8	8 5	8	0 2	2	2	4	5	5					
2 6	1 1	9 8 3 7	2 2	2 1	1 6	2 3	4 7	4 0	8 0	0 2	2	2	2	4	5	5	5					
2 6	1 4	9 9 2 5	2 1	2 0	1 5	2 4	4 0	4 0	8	8 5	8	0 2	2	2	4	5	5					
2 6	1 7	9 9 8 6	2 2	2 0	1 4	2 3	4 0	4 8	8	2 6	8	0 2	2	2	5	5	5					
2 6	2 0	0 0 3 0	2 6	2 4	2 0	2 2	3 0	8 0	8	0 2	2	2	2	5	5	5	5					
2 6	2 3	0 0 6 6	2 7	2 4	2 0	2 4	3 0	8 0	8	0 2	2	2	2	5	5	5	5					
2 7	0 2	0 0 9 6	2 7	2 5	2 3	2 3	2 8	8 1	8	0 2	2	2	2	4	5	5	5					
2 7	0 5	0 1 2 4	2 6	2 5	2 1	2 1	2 6	8 1	8	0 2	2	2	2	4	5	5	5					
2 7	0 8	0 1 3 8	2 7	2 5	2 1	2 2	1 7	8 2	7	0 2	2	2	2	4	5	5	5					
2 7	1 1	0 1 4 6	3 0	2 8	2 5	2 2	0 2	8 2	8	0 2	2	2	2	4	5	5	5					
2 7	1 4	0 1 3 0	3 2	3 1	2 9	3 1	1 7	7 2	8	7 0	7	8	6	4	4	5	5					
2 7	1 7	0 1 1 6	3 3	3 2	3 1	3 0	2 0	5 6	8	5 0	7	8	6	3	5	5	5					
2 7	2 0	0 1 0 6	3 2	3 1	2 9	3 0	1 2	7 2	8	0 2	2	2	2	4	5	5	5					
2 7	2 3	0 0 8 3	3 1	3 0	2 8	2 9	0 7	7 2	8	2 2	5	8	7	5	4	4	5					
2 8	0 2	0 0 4 8	3 1	3 0	2 8	2 4	0 4	0 6	8	7 0	7	8	6	5	5	5	5					
2 8	0 5	0 0 3 5	3 0	2 9	2 7	2 7	1 0	2 4	8	8 5	8	0 2	2	2	4	5	5					
2 8	0 8	0 0 0 0	3 0	2 9	2 7	2 4	1 6	4 0	8	8 5	8	0 2	2	2	4	5	5					
2 8	1 1	9 9 9 1	3 1	3 0	2 9	2 4	1 5	3 2	8	7 0	7	8	7	5	5	5	5					
2 8	1 4	9 9 8 5	3 2	3 1	3 0	2 7	2 0	4 8	8	2 2	7	8	7	5	5	5	5					
2 8	1 7																					

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF OCTOBER 1950																								
DAY	HOUR	STATION LEVEL PRESSURE	WIND			DEW POINT	DIRECTION	SPEED	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	LOW CLOUD		CLOUD DIRECTION			MAXIMUM TEMPERATURE			PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE
			Dry Bulb	Wet Bulb	*x10 Kts.							CL	h	CM	CH	CL	CM	CH	MILES	*x10 KTS.				
LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Oktas	WW	W	Oktas	CL	h	CM	CH	CL	CM	CH	Miles	*x10 Kts.	Hours			
01	02	9 9 6 1	2 7	2 5	2 3	2 3	2 6	4 0	8	3 6	8	8	8	4										
01	05	9 9 7 7	2 5	2 4	2 1	2 2	1 8	7 2	8	3 5	8	8	2	4										
01	06	0 0 0 6	2 4	2 3	1 9	2 2	2 0	8 2	7	0 0 2	2	2	2	4										
01	11	0 0 3 2	2 4	2 1	1 6	2 2	1 8	8 2		0 0 2	2	2	5	5										
01	14	0 0 5 1	2 4	2 2	1 8	2 2	2 0	8 2	7	0 0 2	2	2	5	5										
01	17	0 0 7 3	2 5	2 1	1 6	2 2	1 8	8 1	7	2 2	2	2	5	5										
01	20	0 0 8 4	2 3	2 1	1 6	2 2	1 1	8 0	8	7 0	2	6	5	5										
01	23	0 0 7 8	2 2	2 0	1 5	2 4	0 4	4 0	8	7 0	7	8	5	5										
02	02	0 0 6 3	2 2	2 0	1 5	2 7	0 2	6 4	8	7 0	7	8	5	5										
02	05	0 0 0 4	2 5	2 4	2 1	0 4	1 0	4 0	8	7 0	7	8	5	5										
02	08	9 9 6 7	2 5	2 4	2 2	0 9	1 8	0 8	8	7 1	7	8	0	3										
02	11	9 9 0 7	2 8	2 7	2 5	0 9	0 9	2 0	0 8	8	7 3	7	8	0	3									
02	14	9 8 4 8	3 3	3 2	3 0	0 6	0 4	8 0	8	7 0	7	4	5	5										
02	17	9 8 5 0	3 2	3 1	2 9	0 0	0 0	0 0	8	7 1	7	8	5	5										
02	20	9 8 2 6	3 0	2 9	2 7	0 0	0 0	0 0	8 1	4	2	4	4	5	5									
02	23	9 8 2 7	2 8	2 7	2 5	0 0	0 0	0 0	8 1	6	0 3	1	6	5	5									
03	02	9 8 1 8	3 1	3 0	2 8	0 7	0 3	2 4	8	7 1	2	8	5	5										
03	05	9 8 1 0	3 3	3 2	3 1	2 9	1 2	0 5	8	7 3	7	8	0	3										
03	08	9 8 2 8	3 2	3 2	3 1	2 8	1 4	0 5	8	7 3	7	8	0	3										
03	11	9 8 6 2	3 2	3 1	2 9	3 0	2 4	3 2	8	3 6	7	8	8	4										
03	14	9 8 9 2	3 2	3 1	2 8	2 9	2 2	6 4	8	3 6	2	8	5	4										
03	17	9 9 0 7	3 2	3 1	2 8	2 9	1 5	8 0	8	0 2	1	7	8	4										
03	20	9 9 0 6	3 4	3 2	3 0	1 9	0 5	5 6	7	8 5	2	7	8	4										
03	23	9 8 9 0	3 5	3 1	3 0	1 1	0 1	8 0	0 2	2	8	5	4											
04	02	9 8 4 7	3 3	3 2	3 0	0 3	1 2	8 0	8	0 2	2	8	5	4										
04	05	9 8 0 5	3 2	3 1	3 0	1 4	1 2	8 1	6	0 2	1	6	5	4										
04	08	9 7 9 1	3 2	3 1	2 8	2 5	2 0	8 1	8	3 6	1	8	5	4										
04	11	9 7 8 0	3 2	3 0	2 7	2 2	1 6	8 2	7	0 2	1	6	5	4										
04	14	9 7 7 5	3 1	2 9	2 7	3 2	2 2	8 1	6	3 6	1	6	8	4										
04	17	9 7 7 0	3 1	2 8	2 4	3 1	2 3	8 2	2	0 1	1	1	1	4										
04	20	9 7 6 7	3 0	2 8	2 4	3 0	2 0	8 2	4	0 2	1	4	2	4										
04	23	9 7 7 8	2 9	2 7	2 3	2 9	2 2	4 0	7	3 6	8	7	2	4										
05	02	9 7 9 4	2 8	2 7	2 5	2 9	1 8	4 0	7	3 6	8	7	2	4										
05	05	9 8 3 7	2 8	2 7	2 6	2 5	2 5	2 5	1 6	8	3 7	8	8	2										
05	08	9 8 7 1	2 7	2 6	2 5	2 4	2 8	1 6	8	8 5	8	8	2	2										
05	11	9 9 2 4	2 8	2 7	2 4	2 4	5 2	6 4	8	3 6	8	8	2	2										
05	14	9 9 8 3	2 8	2 7	2 5	2 4	2 0	4 0	8	8 5	8	8	2	2										
05	17	0 0 1 3	2 7	2 5	2 3	2 4	2 8	4 0	8	8 5	8	8	2	5										
05	20	0 0 4 7	2 5	2 4	1 9	2 4	2 8	8 0	8	0 2	8	8	2	5										
05	23	0 0 8 0	2 5	2 3	1 9	2 4	2 4	8 0	8	0 2	8	8	2	5										
06	02	0 1 0 0	2 6	2 5	2 2	2 5	1 4	8 1	8	0 2	8	8	2	5										
06	05	0 1 1 2	2 9	2 7	2 5	2 3	1 4	8 1	7	0 2	8	7	8	4										
06	08	0 1 2 6	3 0	2 8	2 4	2 4	2 1	8 1	8	0 2	8	8	5	5										
06	11	0 1 3 8	3 1	2 9	2 4	2 5	2 1	8 1	8	0 2	8	8	2	2										
06	14	0 1 4 5	3 1	2 9	2 6	2 4	2 2	8 1	8	0 2	8	8	5	4										
06	17	0 1 5 1	3 1	2 9	2 7	2 3	2 0	8 0	8	8 5	8	8	2	4										
06	20	0 1 6 0	3 0	2 9	2 6	2 2	2 1	7	7 2	8	5 6	8	8	6	4									
06	23	0 1 6 3	3 0	2 8	2 5	2 5	1 7	8 1	8	0 2	8	8	2	4										
07	02	0 1 5 4	2 9	2 8	2 6	2 4	2 2	8 1	8	0 2	8	8	2	4										
07	05	0 1 4 5	2 9	2 8	2 6	2 7	2 0	8 0	7	2 7	7	8	2	4										
07	08	0 1 4 4	3 1	2 9	2 6	2 3	2 5	8 0	3	0 2	1	3	1	4										
07	11	0 1 4 3	3 2	3 0	2 8	2 4	2 0	8 2	5	0 2	1	5	2	4										
07	14	0 1 3 9	3 2	3 1	2 8	2 5	1 9	8 2	7	0 2	2	7	8	4										
07	17	0 1 3 5	3 1	3 1	2 3	1 0	8 2	7	2 5	2	7	8	4											
07	20	0 1 3 3	3 2	3 1	2 3	2 0	0 6	8 2	8	0 2	2	8	5	4										
07	23	0 1 1 9	3 1	3 1	3 0	0 0	0 0	4 0	8	7 1	7	8	7	4										
08	02	0 0 8 0	3 1	3 0	3 0	3 6	1 0	8 0	6	2 2	7	8	5	4										
08	05	0 0 2 8	3 1	3 0	2 8	0 7	0 5	8 0	8	2 2	7	8	5	4										
08	08	9 9 7 7	3 2	3 2	3 2	0 2	1 2	1 2	8	7 1	7	8	0	3										
08	11	9 9 1 1	3 3	3 3	3 3	3 5	1 4	1 6	8	5 3	7	8	0	3										
08	14	9 8 8 0	3 4	3 3	3 2	2 7	2 7	8 0	8	5 1	5	8	5	4										
08	17	9 9 0 8	3 2	3 1	2 7	2 4	2 5	8 0	8	0 2	5	8	2	4										
08	20	9 9 1 4	3 2	3 1	2 9	2 6	2 7	2 4	8 1	6	0 2	1	6	4	5									
08	23	9 9 1 8	3 2	2 8	2 5	3 0	2 5	2 4	8 5	8	8 5	8	8	2	4									

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF HEARD ISLAND
OCTOBER 1950**

DAY	HOUR	STATION LEVEL PRESSURE	WIND		DEW POINT	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD	CLOUD DIRECTION	MIDDLE CLOUD	HIGH CLOUD	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST	SPEED	SUNSHINE				
			DRY BULB	WET BULB																				
11	0 2	9 7 6 2	3 0	2 9	2 7	3 2	1 0	8 0	6	3 6	7	0 3	0 2	0 1	9	9	9	9	9	9	9	9	0 1 4	
11	0 8	9 7 7 0	3 0	2 9	2 6	2 8	1 4	8 0	6	3 6	7	0 2	0 1	0 0	8	6	6	6	6	6	6	6		
11	9 8 2 2	3 1	3 0	2 9	2 5	2 2	1 5	4 0	8	2 6	8	0 2	0 1	0 0	5	5	5	5	5	5	5	5		
11	9 9 2 5	3 0	2 8	2 3	2 3	2 4	3 2	8 0	8	2 6	8	0 2	0 1	0 0	5	5	5	5	5	5	5	5		
11	9 9 7 3	3 0	2 8	2 3	2 5	2 3	3 0	4 0	8	2 6	8	0 2	0 1	0 0	5	5	5	5	5	5	5	5		
11	0 0 2 1	3 1	2 8	2 4	2 4	3 3	3 3	6 4	6	3 6	7	0 2	0 1	0 0	9	9	9	9	9	9	9	9		
11	0 2 3	0 4 5	3 2	2 9	2 4	2 3	2 4	6 4	8	8 7	8	0 2	0 1	0 0	5	5	5	5	5	5	5	5		
12	0 2	0 0 5 5	3 2	2 9	2 5	2 3	2 3	1 1	8 0	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	
12	0 5	0 0 6 3	3 3	3 2	3 1	2 9	1 7	7 2	8	7 0	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	
12	0 8	0 0 6 6	3 4	3 2	2 8	2 9	1 2	8 1	7	8 0	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	
12	1 1	0 0 6 5	3 4	3 2	2 9	3 1	0 6	8 1	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	
12	1 4	0 0 5 4	3 4	3 3	3 2	3 6	0 2	8 1	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	
12	1 7	0 0 3 2	3 5	3 3	3 2	5 0	0 7	0 5	8 1	8	2 2	8	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	
12	2 0	9 9 8 5	3 5	3 3	3 2	5 2	0 8	1 3	7 2	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	
12	2 3	9 9 1 8	3 4	3 4	3 3	0 8	1 5	4 0	8	6 8	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	
13	0 2	9 8 7 4	3 5	3 5	3 4	0 2	0 6	5 1	8	5 1	6	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	
13	0 5	9 8 4 6	3 5	3 4	3 3	3 2	1 4	3 2	8	5 1	6	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	
13	0 8	9 8 3 9	3 4	3 3	3 1	3 0	1 3	4 0	8	5 0	5 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	
13	1 1	9 8 3 8	3 5	3 3	3 0	2 7	1 8	2 4	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	
13	1 4	9 8 4 6	3 3	3 3	3 2	2 8	1 6	1 6	8	7 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	
13	1 7	9 8 9 3	3 2	2 9	2 4	2 3	3 0	8 2	5 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	
13	2 0	9 9 4 1	3 2	2 7	1 8	2 9	2 0	8 2	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	
13	2 3	9 9 5 9	3 2	3 0	2 7	2 9	2 0	8 2	6	0 2	0 2	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	0 2	9 9 5 7	3 3	3 1	3 0	3 1	1 4	3 2	8	5 1	6	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	0 5	9 9 3 6	3 2	3 1	2 8	3 2	2 4	4 0	8	8 5	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	
14	0 8	9 9 1 2	3 2	3 2	3 1	3 0	3 4	2 1	8	7 2	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	
14	1 1	9 8 7 2	3 3	2 7	2 8	2 7	2 8	2 6	6 4	8	2 2	7	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	
14	1 4	9 8 7 9	3 3	3 1	3 1	2 7	3 1	2 4	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	
14	1 7	9 9 2 1	3 2	3 0	2 6	2 7	1 8	8 1	6	0 2	0 2	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	2 0	9 9 2 1	3 2	3 1	2 8	2 9	1 0	8 2	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	
14	2 3	9 8 9 1	3 3	3 1	2 9	3 5	0 8	8 2	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	
15	0 2	9 8 1 6	3 1	3 1	3 1	0 5	1 4	0 4	8	7 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	
15	0 5	9 6 6 7	3 2	3 2	3 1	0 9	1 5	0 8	8	7 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	
15	0 8	9 6 1 1	3 3	3 3	3 2	3 2	2 1	4 0	8	5 1	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	
15	1 1	9 6 3 7	3 2	3 1	3 0	2 9	2 5	0 8	8	7 2	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	
15	1 4	9 6 8 2	3 2	3 1	3 0	2 4	1 4	8 0	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	
15	1 7	9 7 1 5	3 1	3 1	3 0	2 3	1 5	0 4	8	7 3	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	
15	2 0	9 7 6 9	2 9	2 5	2 1	2 3	2 7	3 2	8	8 5	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	
15	2 3	9 8 0 1	2 8	2 5	2 1	2 9	1 8	8 1	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	
16	0 2	9 8 1 2	2 8	2 5	1 8	2 7	1 0	8 1	2	0 2	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	
16	0 5	9 8 2 1	2 6	2 4	2 4	2 0	2 9	1 0	8 0	8	8 7	8	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	
16	0 8	9 8 2 0	2 6	2 5	2 3	2 3	2 7	1 0	8 1	7	2 7	8	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	
16	1 1	9 8 2 2	2 7	2 5	2 5	2 1	2 8	1 0	8 2	7	2 7	8	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	0 2	
16	1 4	9 8 2 5	2 5	2 5	2 1	2 4	1 2	8 2	8	2 7	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	
16	1 7	9 8 2 5	2 5	2 5	1 5	2 8	1 2	8 2	7	1 5	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	
16	2 0	9 8 3 1	2 5	2 5	1 8	2 7	2 0	4 0	8	3 6	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	
16	2 3	9 8 4 1	2 4	2 2	1 8	2 9	2 4	8 0	7	8 7	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	
17	0 2	9 8 4 7	2 5	2 5	1 9	2 9	1 0	8 1	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	
17	0 5	9 8 7 1	2 5	2 5	1 5	2 3	1 0	4 8	8	8 5	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	
17	0 8	9 9 0 5	2 5	2 3	1 8	2 2	2 0	4 0	8	8 5	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	
17	1 1	9 9 5 1	2 6	2 3																				

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF HEARD ISLAND OCTOBER 1950																			MAXIMUM GUST		SUNSHINE							
DAY	HOUR	STATION LEVEL PRESSURE	WIND			DEW POINT	DIRECTION	SPEED	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE					
			DRY BULB	WET BULB	*°F									Oktes	ww	W	Oktes	C _L	h	C _M	C _H	C _L	C _M	C _H	DIRECTION	SPEED		
LST.		Mbs.	"F	"F	"F	*x10	Kts.	VV	Oktes	ww	W	Oktes	C _L	h	C _M	C _H	C _L	C _M	C _H	Points	Miles	*x10	Kts.	Hours				
21	0 2	9 9 2 9	3 2	3 1	3 0	0 2	0 6	8 0	8	0 3	5	8	5	5	4	9	9	9	9	9	9	9	9	9	9	0 0 0		
21	0 5	9 8 8 9	3 5	3 4	3 3	0 0	0 0	6 4	8	5 0	5 0	8	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	
21	0 8	9 8 7 0	3 6	3 6	3 5	0 5	0 5	4 8	8	5 0	5 0	8	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	
21	1 1	9 8 6 3	3 5	3 4	3 4	2 7	2 7	2 6	4 0	8	5 1	5 1	5 0	5 0	5 0	4	4	4	4	4	4	4	4	4	4	4	4	
21	1 4	9 8 7 4	3 4	3 3	3 2	2 8	2 8	1 8	8 0	8	0 2	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	
21	1 7	9 8 8 0	3 5	3 2	3 0	2 4	2 4	2 4	8 0	8	0 2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
21	2 0	9 8 8 2	3 5	3 2	3 2	3 0	2 3	4 0	8	6 8	7	8	8	8	8	3	3	3	3	3	3	3	3	3	3	3	3	
21	2 3	9 8 7 4	3 5	3 2	3 1	3 0	1 6	6 4	8	6 8	7	8	8	8	8	3	3	3	3	3	3	3	3	3	3	3	3	
22	0 2	9 8 6 9	3 5	3 2	3 1	2 9	1 6	6 4	8	7 0	7	8	8	8	8	3	3	3	3	3	3	3	3	3	3	3	3	
22	0 5	9 8 6 9	3 5	3 1	2 8	2 9	1 4	6 4	8	7 0	7	8	8	8	8	3	3	3	3	3	3	3	3	3	3	3	3	
22	0 8	9 8 7 0	3 5	3 1	2 9	3 1	2 7	1 2	8 2	8	7 2	7	8	8	8	8	2	2	2	2	2	2	2	2	2	2	2	
22	1 1	9 8 8 5	3 5	3 2	3 1	3 0	1 7	8 2	6	0 2	8	6	6	6	6	2	2	2	2	2	2	2	2	2	2	2	2	
22	1 4	9 8 9 0	3 4	3 2	2 9	2 9	2 0	8 2	7	0 2	1	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	
22	1 7	9 8 8 8	3 5	3 1	2 7	2 9	2 4	8 2	7	0 3	1	7	7	7	7	5	5	5	5	5	5	5	5	5	5	5	5	
22	2 0	9 8 6 7	3 5	3 2	3 0	2 7	3 0	2 6	4 0	8	8 5	8	8	8	8	8	2	2	2	2	2	2	2	2	2	2	2	
22	2 3	9 8 5 6	3 5	3 2	3 0	2 7	3 0	2 6	8 1	8	0 2	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	
23	0 2	9 8 3 7	3 2	3 0	2 7	2 9	2 0	8 0	8	0 2	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	
23	0 5	9 8 2 9	3 0	2 9	2 8	2 7	1 6	1 6	8	7 1	7	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	
23	0 8	9 8 4 7	3 2	3 0	2 9	2 8	2 7	1 6	1 6	8	0 2	7	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	
23	1 1	9 8 7 8	3 2	3 0	2 9	2 8	2 4	2 4	2 3	8 0	8	2 6	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	
23	1 4	9 9 0 1	2 7	2 5	2 1	2 3	2 3	8 0	8	0 2	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	
23	1 7	9 9 2 7	2 5	2 3	1 9	2 3	2 4	8 0	8	2 6	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4
23	2 0	9 9 5 2	2 5	2 2	1 7	2 2	3 4	8 0	8	0 2	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4
23	2 3	9 9 7 6	2 4	2 2	1 7	2 3	3 5	4 0	8	8 5	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4
24	0 2	9 9 9 2	2 4	2 2	1 6	2 5	3 0	8 0	8	2 6	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4
24	0 5	0 0 1 0	2 5	2 3	2 0	2 0	2 4	2 5	7 2	8	8 5	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4
24	0 8	0 0 1 7	2 6	2 4	2 2	2 3	2 2	8 0	8	2 7	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4
24	1 1	0 0 2 3	2 8	2 6	2 2	2 5	2 1	8 1	8	0 2	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4	4
24	1 4	0 0 1 5	3 0	2 8	2 3	2 9	1 8	8 2	8	0 1	2	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4
24	1 7	0 0 0 9	3 1	2 9	2 4	3 1	1 4	8 1	8	0 2	1	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4
24	2 0	9 9 8 9	3 2	3 1	3 1	2 0	3 2	8 0	8	7 0	5	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4
24	2 3	9 9 6 5	3 2	3 1	3 1	2 0	3 2	8 0	8	7 3	7	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4
25	0 2	9 9 5 0	3 5	3 2	3 2	3 1	2 4	8 0	8	7 1	7	8	8	8	8	8	4	4	4	4	4	4	4	4	4	4	4	4
25	0 5	9 9 4 0	3 1	3 0	2 7	2 7	1 2	8 2	8	5 0	2	1	1	1	1	4	4	4	4	4	4	4	4	4	4	4	4	4
25	0 8	9 9 4 0	3 0	2 6	2 6	2 7	1 0	8 2	8	5 0	2	1	1	1	1	4	4	4	4	4	4	4	4	4	4	4	4	4
25	1 1	9 9 3 2	3 5	3 1	2 6	2 7	1 0	8 2	8	7 0	2	1	2	2	5	3	3	3	3	3	3	3	3	3	3	3	3	3
25	1 4	9 9 3 1	3 2	3 1	2 7	2 8	0 8	8 2	8	8 0	3	1	6	1	6	1	4	4	4	4	4	4	4	4	4	4	4	4
25	1 7	9 9 4 5	3 2	3 1	2 8	2 2	1 0	8 2	8	8 0	3	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
25	2 0	9 9 7 0	3 2	3 1	2 9	2 2	1 5	8 2	8	7 0	2	1	3	1	3	1	4	4	4	4	4	4	4	4	4	4	4	4
26	0 2	9 9 9 0	3 2	3 1	2 9	2 2	1 5	8 2	8	7 0	2	1	3	1	3	1	4	4	4	4	4	4	4	4	4	4	4	4
26	0 5	0 0 1 3	3 2	3 1	2 9	2 4	1 4	8 2	8	8 0	2	1	7	7	8	8	8	4	4	4	4	4	4	4	4	4	4	4
26	0 8	0 0 3 9	3 0	3 0	2 9	2 6	1 5	8 1	8	8 0	2	1	7	7	8	8	8	4	4	4	4	4	4	4	4	4	4	4
26	1 1	0 0 6 7	3 2	3 1	2 9	2 2	1 2	8 2	8	8 0	2	1	7	7	8	8	8	4	4	4	4	4	4	4	4	4	4	4
26	1 4	0 0 9 4	3 4	3 2	2 9	2 2	0 6	8 2	8	8 0	3	1	1	3	1	4	4	4	4	4	4	4	4	4	4	4	4	4
26	1 7	0 1 1 3	3 5	3 1	2 8	2 2	0 6	8 2	8	8 0	5	0	5	1	5	2	4	4	4	4	4	4	4	4	4	4	4	4
26	2 0	0 1 3 7	3 2	3 0	2 7	2 5	0 4	8 2	8	8 0	2	3	1	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5
26	2 3	0 1 4 4	3 3	3 2	3 0	0 7	1 7	1 3	4 8	8	7 0	5	8	8	8	8	3	3	3	3	3	3	3	3	3	3	3	3
27	0 2	0 1 4 5	3 4	3 3	3 2	2 9	1 9	3 2	8 2	8</																		

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF HEARD ISLAND OCTOBER 1950																									
DAY	HOUR	STATION LEVEL PRESSURE	WIND														MAXIMUM GUST	SUNSHINE							
			DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	VISIBILITY	TOTAL CLOUD	PRES- ENT WEATHER	PAST WEATHER	AMOUNT	LOW CLOUD	CLOUD DIRECTION	MIDDLE	HIGH	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE							
	LST.	Mbs.	*F	*F	*F	*x10	Kts.	VV	Oldas	W	W	Oldas	C _L	H	C _M	C _H	C _M	C _H	Points	Miles	*x10	Kts.	Hours		
3 1	0 2	0 1 4 2	5 3	5 2	5 1	2 7	1 0	8 1	6	0 2	6	0 2	5	5	3	3	6	9							
3 1	0 5	0 1 4 9	5 3	5 1	2 9	2 7	1 0	8 2	6	0 2	6	0 3	5	5	0	0	6	9							
3 1	0 8	0 1 4 0	5 4	3 5	3 1	0 0	0 0	8 2	8	0 2	8	0 2	2	1	2	2	6	9							
3 1	1 1	0 1 2 7	3 5	3 4	3 2	0 0	0 0	8 2	8	0 2	8	0 2	0	0	0	0	6	9							
3 1	1 4	0 1 1 7	3 5	3 4	3 2	0 0	0 0	8 2	8	0 2	8	0 2	0	0	0	0	6	9							
3 1	1 7	0 0 9 2	3 4	3 4	3 3	0 8	0 4	8 2	7	0 2	7	0 2	5	5	4	4	6	9							
3 1	2 0	0 0 5 9	3 4	3 4	3 3	0 9	0 8	8 2	8	0 2	8	0 2	5	5	5	5	6	9							
3 1	2 3	0 0 2 2	3 3	3 2	3 2	0 4	1 0	8 2	8	0 2	8	0 2	5	5	5	5	6	9							
																			3 7	3 3	0 0 0 0	1 5 4	3 2	2 3	0 2 2

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF NOVEMBER 1950																										
DAY	HOUR	STATION LEVEL PRESSURE	WIND						VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	LOW CLOUD			CLOUD DIRECTION			MAXIMUM GUST	SUNSHINE							
			DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	*x10	Kts.			Oktas	WW	W	Oktas	C _L	h	TYPE								
LST.	Mbs.	"F	"F	"F	"F	"x10	Kts.	VV	Oktas	WW	W	Oktas	C _L	h	CM	CH	CL	CM	"F	"F	Points	Anemometer	Direction	*x10	Kts.	Hours
01	02	9 9 8 6	3 3	3 3	3 3	0 7	0 8	2 4	8	5 1	5	8	0 2	5	3	2	2	2	4	4	0 0 1 2	2 6 2	2 4	5 2	0 0 0	
01	05	9 9 4 1	3 5	3 5	3 5	0 7	0 6	8 1	8	5 0	5	8	0 2	5	3	2	2	2	4	4	3 8	3 1				
01	08	9 8 9 7	3 6	3 6	3 6	0 6	1 0	1 6	8	6 3	6	8	0 0	0	2	2	2	2	4	4						
01	11	9 8 6 7	3 7	3 7	3 7	1 0	0 6	4 0	8	6 1	6	8	0 0	0	2	2	2	2	4	4						
01	14	9 8 2 9	3 7	3 7	3 7	0 9	0 6	5 6	8	6 0	6	8	0 0	0	2	2	2	2	4	4						
01	17	9 8 5 0	3 5	3 5	3 2	2 4	3 0	8 1	8	0 2	5	8	0 0	0	2	2	2	2	4	4						
01	20	9 9 0 1	3 5	3 1	3 0	2 8	1 9	8 1	8	0 2	2	8	0 0	0	2	2	2	2	4	4						
01	23	9 9 4 1	3 2	3 0	2 7	2 7	1 6	8 1	8	0 2	2	8	0 0	0	2	2	2	2	4	4						
02	02	9 9 5 1	3 1	2 9	2 5	3 0	2 1	8 1	3	0 1	2	8	0 0	0	2	2	2	2	4	4						
02	05	9 9 5 4	3 2	2 9	2 5	2 9	1 7	8 2	6	1 6	6	8	0 2	2	2	2	2	2	4	4						
02	08	9 9 5 4	3 2	2 9	2 4	3 0	1 8	8 2	6	0 2	2	8	0 0	0	2	2	2	2	4	4						
02	11	9 9 5 0	3 2	3 0	2 7	3 2	2 0	2 4	8	8 5	8	8	0 2	2	2	2	2	2	4	4						
02	14	9 9 2 7	3 4	3 2	2 9	3 6	1 2	8 2	6	0 2	2	8	0 0	0	2	2	2	2	4	4						
02	17	9 8 9 0	3 2	3 1	3 1	3 6	1 5	0 8	8	7 3	7	8	0 0	0	2	2	2	2	4	4						
02	20	9 8 8 2	3 1	3 0	2 9	3 2	1 2	8 0	7	7 2	7	8	0 0	0	2	2	2	2	4	4						
02	23	9 8 6 3	3 0	3 0	2 8	2 7	1 2	8 0	7	7 6	7	8	0 0	0	2	2	2	2	4	4						
03	02	9 9 3 2	3 1	2 8	2 4	2 2	2 1	8 2	8	8 2	8	8	0 0	0	2	2	2	2	4	4						
03	05	9 9 6 4	3 0	2 8	2 6	2 4	2 2	4 0	8	8 5	8	8	0 0	0	2	2	2	2	4	4						
03	08	9 9 9 5	3 0	2 8	2 5	2 5	2 4	4 0	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
03	11	0 0 2 0	2 9	2 8	2 6	2 5	2 5	6 4	8	7 7	7	8	0 0	0	2	2	2	2	4	4						
03	14	0 0 5 0	3 0	2 8	2 3	2 5	3 3	8 0	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
03	17	0 0 6 7	3 0	2 7	2 2	2 3	2 3	8 1	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
03	20	0 0 9 3	3 0	2 8	2 4	2 3	1 7	8 1	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
03	23	0 0 9 7	3 0	2 8	2 4	2 5	0 4	8 1	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
04	02	0 0 7 7	3 1	2 9	2 6	3 2	0 7	8 1	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
04	05	0 0 5 3	3 0	2 7	2 7	3 5	1 0	8 1	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
04	08	0 0 0 2	3 1	3 0	3 0	0 4	1 6	3 2	8	7 1	7	8	0 0	0	2	2	2	2	4	4						
04	11	9 9 1 4	3 5	3 2	3 2	0 8	1 5	3 2	8	7 7	7	8	0 0	0	2	2	2	2	4	4						
04	14	9 8 4 7	3 7	3 6	3 2	2 9	4 0	8	6 3	6	8	0 0	0	2	2	2	2	4	4	4						
04	17	9 8 1 5	3 8	3 7	3 6	3 1	3 7	5 6	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
04	20	9 8 5 1	3 4	3 3	3 3	2 6	2 1	8 1	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
04	23	9 8 5 8	3 3	3 3	3 2	2 8	2 3	8 2	7	8 2	8	8	0 0	0	2	2	2	2	4	4						
05	02	9 8 6 3	3 4	3 2	2 9	2 8	1 7	8 1	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
05	05	9 8 7 5	3 3	3 1	2 8	2 8	2 5	2 4	8	8 6	8	8	0 0	0	2	2	2	2	4	4						
05	08	9 8 9 3	3 0	2 9	2 7	3 0	2 2	8 0	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
05	11	9 9 1 5	3 0	2 9	2 6	2 5	2 6	8 0	7	7 2	7	8	0 0	0	2	2	2	2	4	4						
05	14	9 9 6 0	2 9	2 9	2 5	2 7	2 6	8 1	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
05	17	0 0 0 7	3 2	2 9	2 5	2 5	3 0	8 2	8	8 1	8	8	0 0	0	2	2	2	2	4	4						
05	20	0 0 4 7	3 2	2 9	2 7	2 7	2 5	8 2	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
05	23	0 0 7 7	3 2	2 9	2 6	2 5	2 8	8 2	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
06	02	0 0 9 8	3 0	2 7	2 7	2 4	2 4	8 2	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
06	05	0 0 1 4	3 0	2 7	2 7	2 4	2 4	8 2	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
06	08	0 0 1 4	3 1	3 0	2 7	2 4	2 4	8 2	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
06	11	0 0 1 3	3 3	3 1	3 1	2 5	0 5	8 1	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
06	14	0 0 0 9	3 3	3 2	3 2	0 7	8 1	8	8 0	8	8	0 0	0	2	2	2	2	4	4	4						
06	17	0 0 0 8	3 3	3 2	3 0	2 4	2 6	8 0	8	8 1	8	8	0 0	0	2	2	2	2	4	4						
07	02	0 0 9 4	4 0	4 0	4 0	0 7	1 0	8 0	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
07	05	9 9 2 8	3 5	3 7	3 4	2 9	2 5	8 0	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
07	08	9 9 7 8	3 5	3 3	3 0	2 8	2 5	8 1	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
07	11	0 0 3 3	3 6	3 5	3 0	2 8	2 2	8 2	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
07	14	0 0 7 1	3 5	3 3	2 9	2 3	2 3	8 0	8	8 0	8	8	0 0	0	2	2	2	2	4	4						
07	17	0 0 8 7	3 5	3 3	3 0	2 4	2 6	8 0	8	8 1	8	8	0 0	0	2	2	2	2	4	4						
07	20	0 0 1 8	3 4	3 2	3 0	2 7	1 1	8 1	8	8 3	8	8	0 0	0	2	2	2	2	4	4						
07	23	0 0 2 9	3 3	3 1	2 8	2 7	1 0	8 1	8	8 2	8	8	0 0	0	2	2	2	2	4	4						
08	02	0 1 3 3	3 3	3 1	2 9	2 9	2 7	8 1	8	8 3	8	8	0 0	0	2	2	2	2	4	4						
08	05	0 1 3 4	3 3	3 1	2 5	0 5	0 5	8 2	7	8 0	8	8	0 0	0	2	2	2	2	4	4						
08	08	0 1 2 2	3 5	3 3	3 0	0 0	0 0	8 2	8	8 0																

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF NOVEMBER 1950**

DAY	HOUR	STATION ELEV. PRESSURE	WIND		DEW POINT	DIRECTION	SPEED	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	LOW CLOUD		MIDDLE CLOUD		HIGH CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F	PRECIPITATION	ANEMOMETER Points	MAXIMUM GUST Kts.	SUNSHINE								
			DRY BULB	WET BULB										VV	Oktas	WW	W	Oktas	C _L	h	C _M	C _H	C _L	C _M	C _H	LOW	MIDDLE	HIGH	LOW	MIDDLE	HIGH			
LST.	Mbs.	"F	"F	"F	"x10	Kts.																												
11	0 2	9 9 0 4	3 2	3 1	3 1	2 4	2 1	8 1	8	2 6	2	8	8	4																				
11	0 5	9 9 4 0	3 2	2 9	2 5	2 3	3 0	8 2	8	0 2	2	8	8	4																				
11	0 8	9 9 5 2	3 2	2 8	2 1	2 3	3 0	8 2	7	0 2	8	7	2	5																				
11	1 1	9 9 5 9	2 9	2 7	2 3	2 2	2 8	4 0	8	8 7	8	8	2	5																				
11	1 4	9 9 6 8	3 2	2 9	2 4	2 5	2 0	8 2	8	0 2	8	8	5	5																				
11	1 7	9 9 6 8	3 2	2 9	2 4	2 5	1 8	8 2	7	0 2	2	7	8	5																				
11	2 0	9 9 5 5	3 2	3 0	2 6	2 9	1 4	4 0	8	7 0	2	8	5	4																				
11	2 3	9 9 2 9	3 1	3 0	2 8	2 7	1 6	2 4	8	8 6	8	8	8	4																				
12	0 2	9 9 2 1	3 1	3 0	2 8	2 7	1 6	8 0	7	2 6	8	7	8	4																				
12	0 5	9 8 9 4	3 2	3 1	3 0	2 9	1 7	1 6	8	7 1	7	8	6	3																				
12	0 8	9 8 6 0	3 2	3 2	3 2	3 2	1 0	0 8	8	7 1	7	8	0	3																				
12	1 1	9 8 2 2	3 3	3 3	3 3	3 3	1 2	1 2	8	7 1	7	8	0	2																				
12	1 4	9 7 6 3	3 4	3 4	3 4	3 3	1 5	1 6	8	7 1	7	8	0	2																				
12	1 7	9 7 2 9	3 1	3 1	3 0	2 3	2 0	0 4	8	7 3	7	8	0	2																				
12	2 0	9 7 0 7	3 0	2 9	2 8	2 2	1 6	4 8	8	8 7	7	6	2	4																				
12	2 3	9 6 9 6	2 9	2 8	2 7	2 1	2 0	4 8	8	8 7	8	8	2	4																				
13	0 5	9 6 9 7	3 0	2 9	2 8	2 1	2 0	4 8	8	8 6	8	8	2	4																				
13	0 8	9 7 0 7	3 1	3 1	3 0	2 3	2 3	0 8	8	8 6	8	8	2	3																				
13	1 1	9 7 5 1	3 2	3 2	3 1	2 1	2 8	8 0	6	2 6	8	5	8	4																				
13	1 4	9 7 9 7	3 3	3 2	3 1	2 1	2 1	2 6	8 1	4 0 1	2 4	8	4	4																				
13	1 7	9 8 3 5	3 3	3 2	3 1	2 9	2 0	2 5	8 1	8 0 1	2 1	8	8	4																				
13	2 0	9 8 5 7	3 3	3 2	3 1	2 6	2 2	2 8	8 1	7 0 2	2	7	8	4																				
13	2 3	9 8 7 6	3 1	3 0	2 7	2 1	2 7	8 1	7	0 2	8	7	8	4																				
14	0 2	9 8 9 4	3 1	3 1	2 9	2 7	2 1	2 5	8 1	8 0 2	8	8	8	4																				
14	0 5	9 9 1 4	3 1	3 0	2 9	2 3	2 3	2 8	1 6	8 0 5	8	8	5	8																				
14	0 8	9 9 2 4	3 0	2 9	2 9	2 2	2 2	2 8	2 4	8	8 7	8	8	8																				
14	1 1	9 9 4 2	3 1	2 9	2 4	2 3	2 5	5 0	4 0	8 0 2	2	7	8	4																				
14	1 4	9 9 5 8	3 0	2 9	2 6	2 3	2 7	6 4	8	8 2	7	8	8	4																				
14	1 7	9 9 7 2	3 0	2 9	2 6	2 2	2 8	6 4	8	8 2	7	8	8	4																				
14	2 0	9 9 8 9	3 0	2 9	2 7	2 2	3 0	6 4	8	8 0	8	8	8	4																				
14	2 3	0 0 0 1	3 0	2 9	2 6	2 2	3 0	8 0	7	0 2	8	7	5	4																				
15	0 2	0 0 2 6	3 0	2 8	2 5	2 3	2 6	8 1	8	0 2	2	8	5	4																				
15	0 5	0 0 4 0	3 1	2 8	2 4	2 2	2 5	8 1	8	0 2	2	8	5	4																				
15	0 8	0 0 5 2	3 1	3 0	2 8	2 2	1 9	8 1	8	0 2	2	8	5	4																				
15	1 1	0 0 6 4	3 2	3 0	2 8	2 7	2 2	7 6	8	0 2	2	8	5	4																				
15	1 4	0 0 6 3	3 3	3 1	2 9	2 3	1 6	8 1	8	0 2	2	8	5	4																				
15	1 7	0 0 6 8	3 3	3 1	2 7	2 4	1 2	8 1	7	0 2	2	7	5	5																				
15	2 0	0 0 6 7	3 3	3 2	3 0	2 4	0 8	8 1	8	0 2	2	8	5	4																				
15	2 3	0 0 6 7	3 3	3 1	2 9	0 0	0 0	8 1	8	0 2	2	8	5	5																				
16	0 2	0 0 6 5	3 2	3 1	2 8	0 0	0 0	8 1	8	0 2	2	8	5	5																				
16	0 5	0 0 6 0	3 2	3 0	2 8	0 0	0 0	8 1	8	0 2	2	8	5	5																				
16	0 8	0 0 5 2	3 2	3 0	2 7	0 0	0 0	8 1	8	0 2	2	8	5	5																				
16	1 1	0 0 3 7	3 3	3 1	2 8	0 6	0 8	8 2	8	0 2	2	8	5	5																				
16	1 4	0 0 1 8	3 4	3 1	3 0	0 2	1 1	8 1	8	0 2	2	8	5	4																				
16	1 7	9 9 9 4	3 3	3 1	2 8	0 7	1 5	8 2	8	0 2	2	8	5	5																				
16	2 0	9 9 6 9	3 2	3 1	2 9	0 6	1 9	8 2	8	0 2	2	8	5	4																				
16	2 3	9 9 2 5	3 2	3 1	3 1	0 8	2 8	0 0	8 0	5 0	2 2	8	5	4																				
17	0 2	9 8 7 4	3 2	3 2	3 1	0 9	3 9	9 1	8	7 3	7	8	0	3																				
17	0 5	9 8 0 8	3 4	3 3	3 3	0 7	1 8	9 0 8	8 5	3 5	5	8 0	2	2																				
17	0 8	9 8 0 9	3 4	3 3</td																														

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF**

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF HEARD ISLAND DECEMBER 1950**

DAY	HOUR	STATION PRESSURE		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE	
		DRY BULB	WET BULB		DIRECTION	SPEED						C _L	TYPE	HEIGHT	MIDDLE	HIGH	DIRECTION	SPEED				
LST.	Mbs.	"F	"F	"x10	Kts.																	Hours
01	02	0082	34	34	33	27	18	72	8	50	5	6	6	3	9							
01	05	0106	53	52	29	22	25	82	8	02	2	6	5	4	5							
01	08	0116	35	32	22	21	21	82	8	02	2	6	5	4	4	5						
01	11	0121	36	34	51	25	14	82	7	02	2	6	5	4	2	6						
01	14	0125	36	35	34	24	28	17	32	8	15	2	8	8	2	6						
01	17	0124	35	35	34	25	21	32	8	20	6	6	6	1	4	6						
01	20	0131	34	35	32	52	24	81	7	02	2	6	5	4	2	6						
01	23	0150	34	33	32	26	08	32	8	72	6	8	6	3	7	6						
02	02	0142	34	33	32	00	00	24	8	51	7	8	6	2	6	6						
02	05	0129	35	35	35	55	22	17	10	8	51	5	6	6	2	9						
02	08	0135	37	36	35	22	15	12	8	51	5	6	5	3	5	9						
02	11	0133	40	39	37	22	22	81	8	02	5	5	4	7	6	9						
02	14	0138	43	42	40	12	08	08	8	02	2	6	5	4	7	6						
02	17	0136	41	40	38	05	12	81	8	02	2	6	5	4	7	6						
02	20	0132	41	39	36	36	16	81	8	02	2	6	5	5	6	7						
02	23	0131	41	40	37	05	07	81	8	02	2	6	5	5	3	9						
03	02	0117	38	37	35	06	10	81	8	02	1	8	6	1	1	1						
03	05	0104	39	38	38	06	11	32	8	40	2	8	6	1	1	1						
03	08	0100	39	39	39	06	13	08	8	42	4	8	6	1	1	1						
03	11	0095	41	41	41	06	13	08	8	44	4	4	4	1	1	1						
03	14	0095	41	41	41	05	12	24	8	47	4	4	4	1	1	1						
03	17	0092	40	40	40	04	12	03	8	47	4	4	4	1	1	1						
03	20	0093	38	38	38	04	10	24	8	51	6	6	6	1	2	9						
03	23	0099	57	57	57	05	07	32	8	61	6	6	6	2	2	9						
04	02	0124	57	57	56	23	10	72	8	21	3	3	3	2	9	0	5					
04	05	0119	57	56	55	22	19	81	7	02	0	0	0	0	7	0	5					
04	08	0128	37	36	33	23	20	81	8	02	0	0	0	0	7	9	5					
04	11	0145	38	37	36	23	23	48	8	05	0	0	0	0	0	0	9					
04	14	0157	39	37	36	22	22	82	8	01	1	0	0	0	0	0	7					
04	17	0168	37	36	35	23	20	82	8	03	4	4	4	0	4	5	7					
04	20	0182	32	32	32	21	19	03	9	45	4	4	4	0	4	5	9					
04	23	0194	32	31	30	22	19	82	7	02	4	4	4	0	4	5	9					
05	02	0198	34	33	32	22	14	80	7	02	6	6	5	3	3	9	5					
05	05	0198	31	31	30	22	12	12	8	02	6	6	5	1	1	9	9					
05	08	0198	32	31	30	02	08	24	8	02	6	6	5	1	1	9	9					
05	11	0185	35	34	34	32	36	05	24	8	02	6	6	5	1	1	9					
05	14	0150	36	35	33	07	22	48	8	02	6	6	5	1	1	9						
05	17	0124	38	36	35	08	25	64	8	68	6	6	5	1	1	9						
05	20	0079	37	35	35	06	24	16	8	68	6	6	5	1	1	9						
05	23	0031	36	36	35	05	07	18	08	63	6	6	5	1	1	9						
06	02	0299	37	36	35	00	00	00	24	8	51	5	5	5	2	2	9					
06	05	9986	34	34	34	34	22	15	46	8	40	5	5	5	2	2	9					
06	08	9979	35	34	34	34	22	15	46	8	40	5	5	5	2	2	9					
06	11	9966	36	35	35	28	22	24	8	52	5	5	5	2	2	9						
06	14	9972	35	35	35	29	19	72	8	52	5	5	5	2	2	9						
06	17	9976	37	35	35	29	17	72	8	15	2	2	2	2	2	9						
06	20	0005	35	34	34	34	24	25	80	8	02	6	6	4	4	4	6					
06	23	0031	35	35	35	27	24	80	8	02	6	6	4	4	4	6						
07	02	0055	35	34	34	34	24	25	80	7	02	8	8	8	4	4	6					
07	05	0107	34	34	34	34	24	25	80	8	02	8	8	8	4	4	6					
07	08	0125	34	32	29	22	26	81	8	02	8	8	8	4	4	6						
07	11	0146	35	35	35	22	31	81	8	09	3	7	7	5	5	5	5					
07	14	0161	36	34	34	22	19	81	7	02	3	7	7	5	5	5	5					
07	17	0159	35	34	34	34	22	12	84	8	75	6	6	5	5	5	5					
07	20	0133	37	35	35	32	17	81	8	02	6	6	5	4	4	6						
07	23	0091	37	34	34	34	20	81	8	02	6	6	5	4	4	6						
07	02	0026	40	39	39	32	29	24	80	8	02	6	6	5	4	4	6					
08	05	9980	41	40	39	32	33	16	80	8	02	7	7	7	4	4	6					
08	08	9958	41	41	41	40	29	40	16	8	63	6	6	5	4	4	6					
08	11	9915	41	41	40	31	30	24	81	8	59	6	6	5	4	4	6					
08	14	9870	41	40	39	31	31	24	8	02	6	6	5	4	4	6						
08	17	9848	39	37	36	29	35	32	80	8	50	2	2	8	7	4	6					
08	20	9856	35	35	35	30	27	28	80	8	85	2	2	8	7	4	6					
08	23	9883	34	33	30	25	25	80	8	02	7	8	8	2	2	6						
09	02	9890	31	31	30	27	27	28	80	8	02	8	8	8	4	4	6					
09	05	9911	34	32	30	27	24	80	8	02	8	7	2	4	3	6	9					
09	08	9921	34	32	29	27	23	81	8	02	8	7	2	4	3	6	9					
09	11	9922	35	33	29	27	23	81	8	02	8	7	2	4	3	6	6					
09	14	9882	36	35	35	34	30	25	81	8	68	7	6	7	3	4	6					
09	17	9872	35	33	33	30	27	22	80	8	02	6	6	8	4	4	6					
09	20	9856	33	33	31	28	20	24	80	8	85	8	8	8	2	3	6					
09</td																						

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF DECEMBER 1950																												
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB		WET BULB		DEW POINT	DIRECTION	SPEED	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE				
			Mbs.	"F	"F	"F					*x10	Kts.	VV	Oktas	ww	W	Oktas	C _L	h	C _M	C _H	"F	"F	Points	Miles	*x10	Kts.	Hours
11	0 2	9 8 7 4	5 5	3 5	3 3	2 7	1 5	2 4	8	6 8	7	8	6	2														
11	0 5	9 8 9 9	5 5	3 5	3 2	2 2	1 6	2 4	8	7 1	7	8	6	3														
11	0 8	9 9 1 7	5 4	3 4	3 2	2 7	2 0	4 0	8	6 8	7	8	5	4														
11	1 1	9 9 4 5	5 6	3 4	3 1	2 7	1 8	8 0	7	0 1	2	7	5	4														
11	1 4	9 9 7 0	5 7	3 5	3 2	2 7	2 2	8 1	7	0 1	1	7	2	4														
11	1 7	9 9 7 8	5 6	3 4	3 1	2 5	1 8	8 1	8	0 3	1	8	8	4														
11	2 0	9 9 9 2	5 5	3 4	3 1	2 7	1 2	8 1	8	0 3	1	8	5	4														
11	2 3	9 9 8 9	5 4	3 2	2 9	0 0	0	8 2	8	0 3	1	8	5	4														
12	0 2	9 9 7 1	5 5	3 5	3 2	0 4	0 5	8 1	8	0 2	1	8	5	4														
12	0 5	9 9 1 3	5 1	3 1	3 1	0 8	2 2	1 6	8	7 3	7	8	0	3														
12	0 8	9 8 5 9	3 1	3 1	3 1	0 9	3 5	0 6	8	7 3	7	8	0	3														
12	1 1	9 7 0 8	5 2	3 2	3 2	0 9	4 0	0 3	8	7 3	7	8	0	3														
12	1 4	9 5 9 9	5 5	3 5	3 4	0 9	4 6	3 2	8	6 1	7	8	0	4														
12	1 7	9 5 4 5	5 7	3 7	3 6	0 7	1 6	1 8	8	6 1	6	8	0	3														
12	2 0	9 5 2 1	5 3	3 3	3 3	0 0	0	2 4	8	7 1	6	8	0	2														
12	2 3	9 5 7 6	5 2	3 1	3 1	2 0	4 6	1 8	8	8 5	7	8	2	4														
13	0 2	9 6 8 0	5 0	3 0	2 9	2 2	4 7	1 2	8	8 5	8	8	2	3														
13	0 5	9 7 5 4	5 0	3 0	2 9	2 2	4 0	0 8	8	8 5	8	8	2	3														
13	0 8	9 8 1 4	5 0	2 9	2 6	2 2	4 4	2 4	8	8 5	8	8	2	3														
13	1 1	9 8 4 1	5 1	2 9	2 6	2 2	4 4	8 0	7	2 6	8	7	2	4														
13	1 4	9 8 6 8	5 2	2 9	2 5	2 3	3 5	8 1	7	0 9	3	7	2	4														
13	1 7	9 8 8 1	5 2	3 1	2 8	2 4	3 5	8 1	8	0 9	3	8	2	4														
13	2 0	9 9 0 6	5 1	2 9	2 8	2 4	3 6	8 1	7	2 7	8	7	2	5														
13	2 3	9 9 2 8	5 1	2 9	2 7	2 3	3 6	8 1	7	2 6	8	7	2	4														
14	0 2	9 9 4 7	5 2	2 9	2 5	2 3	3 9	8 1	7	0 9	8	7	2	4														
14	0 5	9 9 5 8	5 2	3 0	2 6	2 2	2 5	8 1	7	0 2	2	7	5	4														
14	0 8	9 9 5 2	5 3	3 1	2 8	2 3	1 6	8 0	8	0 2	8	8	8	4														
14	1 1	9 9 3 1	5 6	3 5	3 2	0 5	8 2	7	0 3	1	0	0	9	1														
14	1 4	9 8 9 7	5 5	3 5	3 3	0 8	1 3	0 6	8	7 1	7	8	0	3														
14	1 7	9 8 5 5	5 5	3 5	3 3	0 8	1 5	0 8	8	7 3	7	8	0	3														
14	2 0	9 8 5 5	5 5	3 5	3 4	2 7	2 3	1 6	8	5 3	5	2	7	3														
14	2 3	9 8 6 0	5 6	3 4	3 3	2 7	2 5	2 5	8 1	8 0 2	5	8	5	4														
15	0 2	9 8 9 0	5 5	3 4	3 3	2 7	3 3	8 1	8	0 2	2	8	5	4														
15	0 5	9 9 2 0	5 5	3 5	3 0	2 6	2 2	2 5	8 1	7	0 2	2	7	8	5													
15	0 8	9 9 5 2	5 5	3 4	5 1	2 7	2 1	7 2	8	0 5	2	8	8	4														
15	1 1	9 9 7 0	5 7	3 5	3 3	2 5	2 1	6 4	8	0 5	2	8	8	4														
15	1 4	0 0 0 0	5 6	3 5	3 2	1 7	6 4	7	0 5	2	7	8	4															
15	1 7	0 0 2 9	5 6	3 5	3 2	2 4	1 7	8 0	5	0 5	2	5	8	4														
15	2 0	0 0 5 1	5 5	3 4	3 3	2 5	2 3	1 9	7 2	7	0 5	2	7	5	3													
15	2 3	0 0 7 0	5 5	3 4	3 3	2 2	1 2	7 2	8	0 5	2	8	5	3														
16	0 2	0 0 8 9	5 6	3 4	3 4	2 2	1 0	8 0	8	0 2	2	7	5	4														
16	0 5	0 0 9 9	5 6	3 7	5 6	0 0	0	8 2	7	0 3	1	6	5	5														
16	0 7	0 0 9 2	5 9	3 6	3 5	3 3	1 4	8 2	0 1	0	1	0	0	9														
16	0 9	0 0 8 7	5 5	3 5	3 5	0 8	2 6	2 2	0 1	0	1	2	5	4														
17	0 2	0 0 7 8	5 5	3 5	3 5	0 9	0 6	1 6	8 1	5 8 1	5	8	6	1														
17	0 5	0 0 7 2	5 6	3 5	3 4	0 0	0	8 2	8	0 1	1	6	5	5														
17	0 8	0 0 5 6	5 8	3 7	5 6	0 0	0	8 2	7	0 3	1	6	5	5														
17	1 1	0 0 4 4	4 2	4 1	4 0	3 5	0 8	8 2	6	0 1	1	5	6	2														
17	1 4	0 0 3 3	4 2	4 2	4 2	0 5	0 5	8 0	8	2 0	5	8	6	1														
17	1 7	0 0 0 5	4 7	4 4	4 0	0 0	0	8 2	7	0 1	1	4	5	5														
17	2 0	9 9 8 8	4 1	4 0	4 0	3 4	1 5	1 2	2 4	8	6 2	6	8	6	1													
17	2 3	9 9 8 6	3 9	3 8	3 7	2 2	0 2	9	4 7	5 9	5	8	6	2														
18	0 2	9 9 8 7	3 4	3 4	3 4	2 2	0 2	9	4 7	5 9	5	8	6	2														
18	0 5	0 0 0 6	3 7	3 4	3 4	2 5	1 4	8 0	5 0 1	8	4	2	4	3		0	6	8	6	9	7	7	7	7	7	7	7	
18	0 8	9 9 5 5	5 6	3 5	3 4	0 7	1 5	1 6	8 1	5 1	7	5	7	4		2	6	9	6	7	0	6	7	7	7	7	7	
18	1 1	9 9 1 7	3 9	3 9	3 9	3 5	0 2	0 6	8	5 1	5	8	6	2														
18	1 4	9 9 9 0	4 1	3 9	3 7	2 3	0 7	8 2	8	0 2	2	8	5	4														

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF HEARD ISLAND
DECEMBER 1950**

DAY	HOUR	STATION LEVEL PRESSURE	WIND												TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	HEIGHT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE
			DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	*x10	Kts.	VV	Oktas	ww	W	Oktas	C _L	h	MIDDLE CLOUD	HIGH CLOUD	LOW	C _M	C _H	C _L	LOW	DIRECTION	SPEED					
LST.	Mbs.	"F	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	C _L	h	C _M	C _H	C _L	C _M	C _H	C _L	LOW	DIRECTION	SPEED	Hours						
21	0 2	9 9 8 8 3 1	5 6	3 5	2 9	3 0	3 3	8 0	8	0 2																				
21	1 0	9 9 8 8 3 3	5 5	3 2	2 8	2 9	1 9	8 1	7	2 7																				
21	1 1	9 9 8 8 4 3	5 5	3 3	2 8	2 9	3 0	8 0	8	2 6																				
21	1 2	9 9 8 8 4 9	5 6	3 3	2 9	2 9	2 4	8 0	8	2 6																				
21	1 3	9 9 8 8 5 4	5 4	3 5	3 5	2 9	2 8	2 6	7 2	7	0 5																			
21	1 4	9 9 8 8 5 7	5 5	3 2	2 7	2 6	2 6	7 2	8	0 5																				
21	1 5	9 9 8 8 6 7	5 5	3 2	2 8	2 7	3 1	7 2	8	0 5																				
22	0 2	9 9 8 8 7 8	3 4	3 1	2 8	2 7	3 0	8 0	8	0 2																				
22	0 5	9 9 8 8 9 7	3 4	3 1	2 7	2 5	3 5	8 0	8	0 9																				
22	0 8	9 9 9 1 7	3 4	3 1	2 6	2 5	3 2	8 0	8	2 7																				
22	1 1	9 9 9 2 2 7	3 5	3 2	2 8	2 4	3 5	8 0	8	0 9																				
22	1 4	9 9 9 5 5 5	5 5	3 3	2 9	2 3	4 0	8 0	8	0 9																				
22	1 7	9 9 9 8 8 2	5 5	3 3	3 0	2 5	3 9	7 2	8	0 9																				
22	2 0	0 0 1 9 1 9	5 5	3 2	2 8	2 3	3 7	8 0	7	0 9																				
22	2 3	0 0 3 5 3 5	3 4	3 3	5 1	2 1	3 9	8 0	7	0 9																				
23	0 2	0 0 7 7 7 2	3 4	3 2	2 9	2 1	3 5	8 0	7	0 2																				
23	0 5	0 0 9 5 3	3 4	3 2	3 0	2 0	2 6	8 1	8	0 2																				
23	0 8	0 1 0 8	3 5	3 5	2 9	2 4	1 5	8 1	8	0 2																				
23	1 1	0 0 7 8 7 8	3 8	3 4	2 7	3 2	0 5	8 2	7	0 2																				
23	1 4	0 0 3 5 3 5	3 6	3 4	3 0	0 4	1 5	8 1	8	0 2																				
23	1 7	9 9 9 6 5 0	3 3	3 2	3 1	0 7	2 2	1 6	8 7	7	0 2																			
23	2 0	9 9 8 5 5 3	3 4	3 3	3 2	0 8	2 6	2 0	8 8	8	6 5																			
23	2 3	9 7 6 5 4	5 9	3 9	5 8	3 2	2 4	2 4	8 2	8	0 2																			
23	2 6	9 7 6 6 5	3 6	3 6	3 6	2 6	2 6	5 0	8 2	8	0 2																			
23	2 9	9 7 7 7 5 5	3 8	3 8	3 5	2 9	2 9	4 0	8 8	8	0 1																			
24	1 1	9 7 9 1 9 3	3 7	3 5	3 1	2 9	2 8	4 8	8 8	8	8 0																			
24	1 4	9 9 8 1 1 1	5 8	3 5	3 1	2 9	3 1	4 6	8 8	8	0 5																			
24	1 7	9 9 8 2 9 7	3 7	3 4	3 0	2 9	3 1	4 8	8 8	8	0 5																			
24	2 0	9 9 8 5 4 4	3 7	3 5	2 9	2 9	2 3	7 2	8	0 5																				
24	2 3	9 9 8 6 1 1	3 8	3 5	3 2	2 9	3 1	7 2	8	0 5																				
24	2 6	9 9 8 6 5 3	3 7	3 6	3 6	2 9	2 6	4 8	8 8	8	5 0																			
24	2 9	9 9 8 7 4 1	3 7	3 7	3 6	2 9	2 0	2 4	8 8	8	5 3																			
25	0 2	9 9 8 8 4 1	3 7	3 7	3 6	2 9	2 0	2 4	8 8	8	5 3																			
25	0 5	9 9 8 8 4 5	3 7	3 6	2 5	2 1	8 0	8 8	8	2 0																				
25	0 8	9 9 8 8 4 8	3 7	3 6	2 5	2 1	8 0	8 8	8	2 0																				
25	1 1	9 9 8 8 5 3	3 6	3 5	3 2	2 7	2 0	8 8	8	2 0																				
25	1 4	9 9 8 8 6 4	3 5	3 3	3 0	2 5	1 7	8 8	8	2 0																				
25	1 7	9 9 8 8 7 7	3 5	3 2	2 9	2 7	2 2	8 8	8	2 0																				
25	2 0	9 9 8 8 7 9	3 3	3 3	3 2	2 8	1 6	8 1	8	2 0																				
25	2 3	9 9 8 8 8 3	3 5	3 4	2 9	2 9	2 1	8 0	8	6 8																				
25	2 6	9 9 8 8 4 7	3 7	3 6	2 9	2 2	2 2	6 4	8 8	8	0 2																			
25	2 9	9 9 8 8 6 5	3 6	3 5	3 4	2 7	2 0	6 4	8 8	8	2 2																			
26	0 2	9 9 8 8 7 7	3 7	3 6	3 4	2 7	2 5	6 4	8 8	8	2 3																			
26	0 5	9 9 8 8 9 4	3 7	3 5	3 3	2 7	2 4	6 0	8 8	8	5 0																			
26	0 8	9 9 9 0 2 2	3 7	3 6	3 5	2 7	2 4	6 0	8 8	8	5 0																			
26	1 1	9 9 9 2 2 2	3 7	3 6	3 5	2 7	2 4	6 0	8 8	8	5 0																			
26	1 4	9 9 9 5 5 6	3 7	3 6	3 5	2 7	2 8	6 0	8 8	8	6 0																			
26	1 7	9 9 9 7 4 8	3 6	3 4	3 7	3 4	3 1	2 7	2 5	8 0	8	0 9																		
26	2 0	9 9 9 7 7 4	3 6	3 4	3 4	3 1	2 7	2 5	8 0	8	0 9																			
26	2 3	9 9 9 7 8 8	3 6	3 5	3 4	2 8	2 2	8 1	8	0 2																				
26	2 6	9 9 9 8 3 3	3 5	3 2	3 2	0 0	0 0	0 8	8	7 1																				
26	2 9	9 9 9 8 4 4	3 7	3 7	3 7	3 1	2 2	2 5	8 2	8	0 2																			
27	0 2	9 9 9 8 5 1	3 4	3 3	3 8	5 7	2 9	2 6	2 4	8 2	8	0 2																		
27	0 5	9 9 9 8 5 1	3 7	3 7	3 7	3 6	2 9	2 6	2 4	8 2	8	0 2																		
27	0 8	9 9 9 8 5 1	3 5	3 4	3 2	2 3	1 2	8 2	8	0 2																				
27	1 1	9 9 9 8 6 5	3 8	3 5	2																									

		RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF DECEMBER 1950																														
DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB		WET BULB		DEW POINT		WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	LOW CLOUD		CLOUD DIRECTION		MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE
		LST.	Mbs.	*F	*F	*F	*F	*x10	Kts.	VV	Oktas	ww	W	Oktas	C _L	h	C _M	C _H	C _L	C _M	C _H	*F	*F	Points	Miles	*x10	Kts.	Hours				
31	0 2	9 9 0 7	4 2	4 1	4 1	3 0	3 3	0 4	8	6 1	6	8	6 0	6 0	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
31	0 5	9 9 0 4	3 9	3 9	3 8	2 8	1 5	4 0	8	6 0	6	8	6 0	6 0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
31	0 8	9 8 9 9	3 6	3 5	3 4	2 7	1 6	8 1	8	6 0	6	8	6 0	6 0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
31	1 1	9 8 9 1	3 7	3 5	3 3	2 4	1 4	R 1	8	6 0	6	8	6 0	6 0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
31	1 4	9 8 8 3	3 7	3 4	3 1	2 7	1 8	R 2	7	0 2	2	7	0 2	2	2	2	0 2	2	0 2	2	0 2	2	0 2	2	0 2	2	0 2	2	0 2	2		
31	1 7	9 8 7 5	3 6	3 5	3 2	2 7	1 7	R 2	7	0 2	2	7	0 2	2	2	2	0 2	2	0 2	2	0 2	2	0 2	2	0 2	2	0 2	2	0 2	2		
31	2 0	9 8 8 9	3 5	3 3	3 0	2 7	1 5	R 2	7	0 2	2	7	0 2	2	2	2	0 2	2	0 2	2	0 2	2	0 2	2	0 2	2	0 2	2	0 2	2		
31	2 3	9 9 0 8	3 5	3 5	2 8	2 7	2 0	R 2	8	0 2	2	8	0 2	2	2	2	0 2	2	0 2	2	0 2	2	0 2	2	0 2	2	0 2	2	0 2	2		

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF JANUARY 1950

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	WIND SPEED	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
														LOW	MIDDLE	HIGH							DIRECTION	SPEED	
LST.	Mbs.	"F	"F	"x10	Kts.	VV	Oktas	vv	W	W	Oktas	C _L	h	C _M	C _H	C _L	"F	"F	Points	Miles	"x10	Kts.	Hours		
01	01	99.37	4.4	4.4	4.2	3.3	2.0	81	4	02	2	4	6	4	7	7	7	7	7	7	7	7	7	7	072
01	04	99.48	4.4	4.4	4.2	3.2	2.0	80	7	05	2	7	5	4	5	0	1	7	0	7	0	0	0	0	
01	07	99.51	4.5	4.3	4.0	3.1	2.2	80	5	01	1	4	8	5	0	1	7	0	1	7	0	0	0	0	
01	10	99.74	4.7	4.5	4.3	3.1	2.1	80	6	05	1	5	8	4	0	0	6	0	0	6	0	0	0		
01	13	99.98	4.6	4.4	4.1	3.0	2.2	80	7	25	8	7	2	4	0	0	6	0	0	6	0	0	0		
01	16	00.22	4.6	4.4	4.9	3.0	2.2	81	2	01	1	2	8	4	0	0	6	0	0	6	0	0	0		
01	19	00.48	4.5	4.4	4.3	3.5	1.4	81	3	01	1	3	8	4	0	0	7	0	0	7	0	0	0		
02	22	00.69	4.4	4.4	4.3	5.2	1.2	81	4	01	1	2	4	4	0	1	7	0	1	7	0	0	0		
02	01	00.69	4.4	4.4	4.3	3.2	1.0	81	5	03	1	1	6	3	0	6	7	0	7	7	0	7	0		
02	04	00.76	4.4	4.4	4.4	4.4	0.9	40	7	05	2	3	6	3	0	6	7	0	7	7	0	7	0		
02	07	00.83	4.6	4.5	4.5	3.4	0.8	80	4	05	2	2	6	3	0	4	8	0	7	7	0	7	0		
02	10	00.77	4.7	4.5	4.5	3.4	0.8	80	6	05	2	2	5	3	0	4	8	0	7	7	0	7	0		
02	13	00.66	4.8	4.7	4.6	3.5	0.7	48	8	05	2	8	6	3	0	8	8	0	8	8	0	8	0		
02	16	00.35	4.8	4.7	4.6	3.6	0.3	40	8	05	2	6	6	3	7	6	8	2	6	8	1	8	0		
02	19	00.10	4.6	4.6	4.5	0.7	0.6	40	8	60	2	2	7	7	3	3	2	2	2	2	2	2	2	019	
02	22	99.69	4.6	4.5	4.4	1.1	1.4	40	8	60	6	6	8	7	7	3	3	2	2	2	2	2	2		
03	01	99.09	4.5	4.4	4.3	1.1	2.1	32	8	61	6	6	8	7	7	3	3	2	2	2	2	2	2		
03	04	98.46	4.4	4.4	4.4	1.2	2.6	32	8	60	6	6	8	7	7	3	3	2	2	2	2	2	2		
03	07	98.15	4.6	4.5	4.5	3.4	0.8	80	4	05	2	2	6	3	7	1	8	7	0	7	7	0	7		
03	10	97.97	4.6	4.5	4.6	3.3	1.0	00	9	47	6	9	0	0	0	0	0	0	0	0	0	0	0		
03	13	97.70	4.7	4.6	4.5	3.3	1.5	32	8	53	4	4	8	6	3	3	3	2	2	2	2	2	2		
03	16	97.79	4.6	4.5	4.5	3.3	1.5	12	8	50	5	5	8	5	2	2	2	2	2	2	2	2	2		
03	19	97.76	4.5	4.5	4.5	3.1	1.3	16	8	50	5	5	8	6	2	2	2	2	2	2	2	2	2		
03	22	97.81	4.5	4.4	4.4	3.2	1.8	32	8	50	5	5	8	6	2	2	2	2	2	2	2	2	2		
04	01	97.83	4.4	4.4	4.3	3.0	1.7	40	8	50	5	5	8	6	2	2	2	2	2	2	2	2	2		
04	04	97.92	4.3	4.3	4.2	2.9	1.9	64	8	20	8	8	8	6	3	3	3	2	2	2	2	2	2	000	
04	07	98.11	4.2	4.1	4.0	2.7	1.9	32	8	50	8	8	8	6	3	3	3	2	2	2	2	2	2		
04	10	98.12	4.2	4.1	4.0	2.8	2.5	40	8	50	5	5	8	6	3	3	3	2	2	2	2	2	2		
04	13	98.21	4.1	4.0	4.0	2.7	3.0	40	8	51	6	6	8	7	7	3	3	3	2	2	2	2	2		
04	16	98.42	4.1	4.0	3.9	2.6	2.9	40	8	62	6	6	8	7	7	6	6	6	6	6	6	6			
04	19	98.71	4.1	4.1	4.0	2.6	2.6	48	8	50	8	8	8	7	7	6	6	6	6	6	6	6			
04	22	98.92	4.1	4.0	3.9	2.6	2.4	80	8	50	8	8	8	6	6	6	6	6	6	6	6	6			
05	01	99.02	4.0	3.8	3.5	2.6	1.9	80	8	50	8	8	8	6	6	6	6	6	6	6	6	6			
05	04	98.97	4.1	3.9	3.6	2.7	1.3	80	8	52	2	2	8	5	4	4	4	4	4	4	4	4			
05	07	98.89	4.2	4.2	4.1	3.1	1.4	40	8	50	5	5	8	8	8	7	7	6	6	6	6	6			
05	10	98.49	4.4	4.4	4.3	3.5	1.7	32	8	50	5	5	8	6	6	6	6	6	6	6	6	6			
05	13	97.97	4.5	4.5	4.5	3.5	2.0	24	8	60	6	6	8	7	7	6	6	6	6	6	6	6			
05	16	97.55	4.5	4.5	4.5	3.1	1.7	16	8	61	6	6	8	7	7	6	6	6	6	6	6	6			
05	19	97.01	4.5	4.5	4.5	3.1	1.7	16	8	61	6	6	8	7	7	6	6	6	6	6	6	6			
05	22	96.62	4.5	4.5	4.5	3.2	2.7	12	8	50	6	6	8	7	7	6	6	6	6	6	6	6			
06	01	97.35	4.5	4.2	4.1	2.7	2.4	48	8	50	6	6	8	7	7	6	6	6	6	6	6	6			
06	04	97.61	4.4	4.3	4.2	3.0	2.0	64	7	05	2	2	8	8	8	7	7	6	6	6	6	6			
06	07	97.77	4.4	4.3	4.2	3.1	2.2	80	8	50	5	5	8	7	7	6	6	6	6	6	6	6			
06	10	98.01	4.5	4.4	4.3	2.9	2.0	80	8	16	2	2	8	7	7	6	6	6	6	6	6	6			
06	13	98.24	4.7	4.5	4.3	2.9	2.3	81	8	02	2	2	5	4	3	0	6	6	6	6	6	6			
06	16	98.54	4.6	4.4	4.4	3.0	2.2	81	5	01	1	1	3	5	4	0	0	6	0	0	6	0			
06	19	98.78	4.5	4.4	4.2	3.0	1.3	81	3	01	1	1	3	5	4	0	0	7	0	0	7	0			
07	01	98.91	4.4	4.4	4.4	3.2	1.7	48	8	05	2	2	8	6	5	3	7	7	6	6	6	6	060		
07	04	98.71	4.4	4.4	4.3	3.5	1.5	40	8	10	2	2	8	6	5	3	7	7	6	6	6	6			
07	07	98.49	4.5	4.4	4.4	3.3	1.6	81	8	01	0	0	0	0	0	0	7	7	6	6	6	6			
07	10	98.34	4.6	4.5	4.5	3.3	1.7	81	7	03	1	1	3	5	4	0	0	7	7	7	7	7			
07	13	98.22	4.7	4.6	4.5	3.2	2.0	81	7	02	1	1	3	5	4	0	0	7	7	7	7	7			
07	16	98.16	4.5	4.4	4.3	3.1	1.6	81	8	02	1	1	3	5	4	0	0	7	7	7	7	7			
07	19	98.16	4.4	4.4	4.3	3.2	2.1	40	7	05	2	2	8	6	5	4	7	7	6	6	6	6			
07	22	98.42	4.3	4.2	4.1	2.9	2.3	40	8	05	2	2	8	6	5	4	7	7	6	6	6	6			
08	01	98.46	4.3	4.2	4.2	2.9	1.8	64	8	05	2	2	8	6	5	4	7	7	6	6	6	6			
08	04	98.72	4.3	4.2	4.1	2.8	1.7	64	7	05	2	2	8	6	5	4	7	7	6	6	6	6			
08	07	98.96	4.3	4.2	4.1	2.8	1.9	82	5																

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF JANUARY 1950																										
DAY	HOUR	STATION ELEV. PRESSURE	WIND			VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE				
			DRY BULB	WET BULB	DEW POINT					DIRECTION	SPEED *x10	Kts.	VV	Oktas	WW	W	Oktas	C _L	h	C _M	C _H	"F	"F	Points	Miles	*x10 Kts.
11	01	9 8 9 6	4.0	3.9	3.9	2.4	1 7	2 4	7	5 1	5	7	8	3												
11	04	9 9 1 6	4.0	3.9	3.9	2.3	1 4	4 0	8	6 0	5	8	8	4												
11	07	9 9 3 7	4.1	4.0	3.8	2.5	1 3	8 0	8	0 2	2	8	8	4												
11	10	9 9 5 4	4.0	3.9	3.8	2.6	1 5	8 0	8	5 0	2	8	8	4												
11	13	9 9 6 9	4.1	4.0	3.6	2.7	1 4	8 0	8	0 2	6	8	8	4												
11	16	9 9 8 3	4.1	3.9	3.6	2.7	1 3	8 0	8	0 2	2	8	8	4												
11	19	0 0 0 1	4.0	3.8	3.5	2.6	0 7	8 0	8	0 2	2	8	8	4												
11	22	0 0 1 5	4.0	3.7	3.2	2.6	0 7	8 0	8	0 2	2	8	8	4												
12	01	0 0 2 1	3.9	3.7	3.3	2.6	0 4	8 0	8	0 2	2	8	8	4												
12	04	0 0 2 5	3.8	3.7	3.4	0 0	0 0	8 0	8	0 2	2	8	8	4												
12	07	0 0 3 8	4.0	3.6	2.9	3.0	0 2	8 1	8	0 2	2	8	8	4												
12	10	0 0 4 9	4.4	4.0	3.4	3.5	0 4	8 2	6	0 1	2	6	5	4												
12	13	0 0 5 8	4.4	4.1	3.8	1 1	0 1	8 2	7	0 3	1	6	5	5												
12	16	0 0 6 8	4.4	4.2	3.9	3.5	0 3	8 2	8	0 2	2	2	5	5												
12	19	0 0 8 0	4.5	4.1	3.9	0 0	0 0	8 2	8	0 2	2	2	5	4												
12	22	0 1 0 1	4.5	4.2	4.0	2 4	0 1	8 0	8	0 2	2	8	5	4												
13	01	0 1 1 5	4.3	4.3	4.3	1 1	0 4	8 0	8	0 5	2	8	6	3												
13	04	0 1 3 0	4.5	4.2	4.2	0 0	0 0	3 2	8	0 5	2	8	6	2												
13	07	0 1 5 6	4.5	4.2	4.2	0 0	0 0	1 6	8	1 0	2	8	6	2												
13	10	0 1 7 5	4.5	4.5	4.4	2 6	0 7	1 6	8	5 0	2	8	7	2												
13	13	0 1 8 8	4.7	4.4	4.0	2 6	0 7	8 3	5	0 1	2	5	5	5												
13	16	0 1 9 6	4.6	4.3	3.9	2 8	0 6	8 3	5	0 2	1	3	4	5												
13	19	0 1 9 6	4.3	4.2	3.9	2 9	1 2	8 2	8	0 3	2	6	8	5												
13	22	0 2 0 2	4.3	4.2	4.1	3 1	0 7	8 2	7	0 2	2	8	8	4												
14	01	0 1 9 1	4.5	4.3	4.3	3 3	1 4	8 0	8	0 5	2	8	8	4												
14	04	0 1 8 6	4.5	4.3	4.3	3 3	1 1	4 0	8	1 5	2	8	6	2												
14	07	0 1 8 1	4.4	4.4	4.4	3 3	1 3	8 0	8	0 5	2	8	6	3												
14	10	0 1 6 6	4.5	4.4	4.3	3 3	1 7	8 1	8	0 2	2	3	6	3												
14	13	0 1 3 9	4.5	4.4	4.3	3 3	1 7	8 1	8	0 2	2	3	6	3												
14	16	0 1 1 5	4.5	4.5	4.4	3 3	2 0	8 0	8	1 6	2	5	6	3												
14	19	0 0 9 1	4.5	4.5	4.4	3 4	3 4	1 9	8 0	8	2 0	5	8	6												
14	22	0 0 7 0	4.5	4.4	4.4	3 4	2 1	8 8	8	0 5	2	8	6	3												
15	01	0 0 2 7	4.5	4.4	4.3	3 4	2 2	8 0	8	0 2	2	8	6	3												
15	04	9 9 8 3	4.5	4.5	4.5	3 4	2 2	6 4	8	6 0	2	8	7	2												
15	07	9 9 4 0	4.6	4.5	4.6	3 5	2 6	2 9	8	6 0	6	6	8	7												
15	10	9 9 4 7	4.5	4.5	4.5	2 6	2 2	4 0	8	1 5	6	6	8	6												
15	13	9 9 8 6	4.4	4.5	4.2	2 6	2 2	4 0	8	1 5	6	7	7	3												
15	16	9 9 9 9	4.4	4.3	4.2	2 7	1 8	8 0	8	0 2	2	8	8	3												
15	19	0 0 2 9	4.2	3.9	3.4	2 4	1 8	8 2	7	0 2	1	3	8	4												
15	22	0 0 5 6	4.1	3.9	3.4	2 6	2 1	8 1	6	0 2	1	6	8	4												
16	01	0 0 2 7	4.5	4.4	4.3	3 4	2 2	8 0	8	0 2	2	8	8	3												
16	04	9 9 8 8	4.2	4.1	3.9	2 9	1 7	8 1	7	0 3	2	7	8	4												
16	07	0 0 9 8	4.3	4.2	4.1	2 8	1 8	8 1	5	0 2	2	5	8	4												
16	10	0 0 1 0	4.5	4.3	4.0	3 0	1 7	8 2	7	0 2	2	6	1	5												
16	13	0 1 0 2	4.5	4.4	4.3	3 1	2 0	6 4	8	1 6	2	7	8	4												
16	16	0 0 9 1	4.5	4.5	4.2	3 2	2 2	8 0	8	2 1	2	6	8	4												
16	19	0 0 8 0	4.5	4.4	4.3	3 2	2 8	6 4	8	0 5	2	6	7	3												
16	22	0 0 7 3	4.5	4.4	4.3	3 2	2 9	8 0	8	0 5	2	6	7	3												
17	01	0 0 6 3	4.5	4.4	4.4	3 2	2 9	3 2	8 0	6 0	2	6	7	3												
17	04	0 0 5 9	4.5	4.5	4.4	3 2	2 8	4 0	8	2 1	2	6	7	3												
17	07	0 0 6 5	4.6	4.5	4.4	3 2	2 4	4 0	8	1 0	2	8	6	2												
17	13	0 0 6 5	4.6	4.6	4.4	3 2	2 6	1 6	8	1 0	2	8	6	2												
17	16	0 0 6 5	4.7	4.6	4.5	3 3	2 4	6 4	7	0 5	2	3	6	2												
17	19	0 0 5 7	4.6	4.5	4.4	3 3	2 1	6 4	8	0 5	1	1	6	3												
17	22	0 0 4 0	4.5	4.5	4.4	3 4	1 8	4 8	8	1 0	2	8	7	3												
18	01	9 9 9 4	4.7	4.5	4.5	3 5	2 9	3 2	8 0	6 0	2	8	7	3												
18	04	9 9 5 1	4.6	4.5	4.6	3 5	2 8	1 6	8	6 3	6	3	7	2												
18	07	9 9 1 9	4.7	4.7	4.6	3 1	2 9	2 4	8	1 0	6	8	8	4												
18	13	9 9 3 7	4.8	4.7	4.5	3 2	3 1	8 1	8	0 5	2	6	8	4												
18	16	9 9 4 4	4.8	4.7	4.6	3 2	3 4																			

**RESULTS OF SURFACE OBSERVATIONS AT
MACQUARIE ISLAND
FOR THE MONTH OF JANUARY 1950**

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF MACQUARIE ISLAND JANUARY 1950																												
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB		WET BULB		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	LOW CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST					
			LST.	Mbs.	"F	"F		'x10	Kts.		Oktas	vv	W	Oktas	C _L	h	C _M	C _H	C _L	C _M	C _H	"F	"F	DIRECTION	SPEED	SUNSHINE		
31	0 1	9 8 4 0	4 6	4 6	4 6	4 6	3 1	3 0	1 6	8	6 1	6	8	7	7	2	2	7	7	7	7	4 9	4 5	0 0 3 7	5 0 3	2 9	5 9	0 1 9
31	0 4	9 8 3 9	4 6	4 6	4 6	4 6	3 1	3 1	2 4	8	6 0	6	6	7	7	2	2	7	7	7	7							
31	0 7	9 8 4 9	4 7	4 6	4 6	4 6	3 1	2 9	6 4	7	1 5	8	7	8	8	4	4	7	7	7	7							
31	1 0	9 8 3 9	4 7	4 7	4 6	4 6	3 1	3 2	1 6	8	8 0	8	7	8	8	4	4	7	7	7	7							
31	1 3	9 8 4 1	4 8	4 6	4 4	4 4	3 1	3 3	4 0	8	2 5	8	8	8	8	4	4	7	7	7	7							
31	1 6	9 8 8 4	4 6	4 4	4 1	4 1	2 8	3 6	6 4	8	0 2	2	7	7	4	4	4	7	7	6	6	4 9	4 5	0 0 3 7	5 0 3	2 9	5 9	0 1 9
31	1 9	9 9 2 9	4 4	4 3	4 2	4 2	2 8	1 7	8 1	8	0 5	2	7	7	8	8	4	4	7	7	6							
31	2 2	9 9 5 1	4 4	4 3	4 2	3 0	1 6	8 1	8	0 2	2	7	7	8	8	8	4	4	7	7	6							

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF FEBRUARY 1950**

RESULTS OF SURFACE OBSERVATIONS AT												MACQUARIE ISLAND															
FOR THE MONTH OF FEBRUARY 1950												FEBRUARY 1950															
DAY	HOUR	STATION LEVEL PRESSURE		WIND				CLOUD				DIRECTION				MAXIMUM GUST											
		LST.	Mbs.	Dry Bulb	Wet Bulb	Dew Point	Direction	Total Cloud	Past Weather	Low Cloud	Cloud Direction	Present Weather	Min Temp	Max Temp	Precipitation	Anemometer	Maximum Gust	Direction	Speed	Sunshine							
				"F	"F	"F	"x10	Kts.	VV	Oktas	LOW	AMOUNT	TYPE	HEIGHT	MIDDLE	HIGH	LOW	MIDDLE	HIGH	"F	"F	Points	Miles	"x10	Kts.	Hours	
01	0 1	9 9 7 7	4 4	4 3	4 2	3 0	1 6	8 1	3	0 1	1	3	5	4	0	0	6	0	0	7	7	0	2 9 3	2 9	2 5	0 3 2	
01	0 4	9 9 8 9	4 4	4 3	4 1	3 1	1 6	8 0	7	0 5	2	5	5	4	7	7	7	7	7	7	7	7	4 6	4 3	0 0 0 1	2 9 3	
01	0 7	9 9 9 5	4 5	4 4	4 3	3 2	1 4	8 0	8	0 5	2	5	5	4	7	7	7	7	7	7	7	6	4 4	3 7	0 0 5 4	5 5 8	
01	1 0	9 9 9 5	4 6	4 5	4 5	3 1	1 0	8 1	7	0 5	2	5	5	4	7	7	7	7	7	7	7	6	4 4	3 7	0 0 0 5	5 0 4	
01	1 3	9 9 7 7	4 6	4 6	4 6	3 4	0 9	1 6	8	6 0	2	8	8	4	7	7	7	7	7	7	7	6	4 4	3 7	0 0 0 5	5 0 4	
01	1 6	9 9 2 9	4 6	4 6	4 6	3 5	0 6	2 4	8	6 1	6	6	6	4	7	7	7	7	7	7	7	6	4 4	3 7	0 0 0 5	5 0 4	
01	1 9	9 8 9 5	4 4	4 4	4 4	1 4	0 1	2 4	8	6 1	6	6	6	4	7	7	7	7	7	7	7	6	4 4	3 7	0 0 0 5	5 0 4	
01	2 2	9 8 8 4	4 4	4 3	4 2	0 3	0 3	2 4	8	6 1	6	6	6	4	7	7	7	7	7	7	7	6	4 4	3 7	0 0 0 5	5 0 4	
02	0 1	9 9 0 1	4 3	4 2	4 1	2 6	1 8	4 0	8	2 1	2	8	8	4	7	7	7	7	7	7	7	6	4 4	3 7	0 0 0 5	5 0 4	
02	0 4	9 9 2 7	4 1	4 1	3 9	2 6	2 1	2 4	8	8 1	2	8	8	4	7	7	7	7	7	7	7	6	4 4	3 7	0 0 0 5	5 0 4	
02	0 7	9 9 4 0	4 4	4 2	3 9	2 8	2 3	3 0	7	0 5	2	5	5	4	4	4	4	4	4	4	4	4	4 4	3 7	0 0 0 5	5 0 4	
02	1 0	9 9 4 1	4 4	4 1	3 7	2 8	2 6	8 1	7	0 5	2	5	5	4	4	4	4	4	4	4	4	4	4 4	3 7	0 0 0 5	5 0 4	
02	1 3	9 9 4 6	4 4	4 1	3 8	2 8	3 0	8 2	5	0 1	2	2	2	1	5	5	5	5	5	5	5	0	4 4	3 7	0 0 0 5	5 0 4	
02	1 6	9 9 5 2	4 1	3 9	3 6	2 7	2 2	8 0	7	8 0	2	3	3	5	5	5	5	5	5	5	5	0	4 4	3 7	0 0 0 5	5 0 4	
02	1 9	9 9 5 7	4 0	3 8	3 4	2 7	2 2	8 1	6	0 2	8	5	5	2	2	2	2	2	2	2	2	2	4 4	3 7	0 0 0 5	5 0 4	
02	2 2	9 9 4 8	3 7	3 7	3 7	2 7	1 6	4 0	6	8 4	8	6	6	2	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
03	0 1	9 9 5 6	4 0	3 8	3 5	2 8	1 7	8 1	6	0 2	2	6	6	2	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
03	0 4	9 9 1 5	4 0	3 9	3 8	2 8	2 1	8 1	7	0 2	2	7	7	2	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
03	0 7	9 8 7 0	4 1	4 0	4 0	3 0	2 4	4 0	8	8 1	8	8	8	2	2	2	2	2	2	2	2	2	7	4 4	3 7	0 0 0 5	5 0 4
03	1 0	9 7 9 6	4 3	4 3	4 3	3 1	3 0	3 2	8	6 1	8	8	8	2	2	2	2	2	2	2	2	2	7	4 4	3 7	0 0 0 5	5 0 4
03	1 3	9 7 8 9	4 4	4 3	4 2	2 6	3 7	2 4	8	8 0	8	8	8	2	2	2	2	2	2	2	2	2	7	4 4	3 7	0 0 0 5	5 0 4
03	1 6	9 8 1 0	4 3	4 2	4 1	2 7	3 7	3 2	8	8 1	8	8	8	2	2	2	2	2	2	2	2	2	7	4 4	3 7	0 0 0 5	5 0 4
03	1 9	9 8 4 0	4 2	4 1	4 0	2 7	3 0	8 1	7	1	2	5	5	2	2	2	2	2	2	2	2	2	1	4 5	3 9	0 0 2 5	5 4 4
03	2 2	9 8 5 4	4 3	4 1	3 9	2 7	2 2	8 0	8	2 5	8	8	8	2	2	2	2	2	2	2	2	2	6	4 5	3 9	0 0 2 5	5 4 4
04	0 1	9 8 4 9	4 1	4 1	4 1	2 7	2 0	8 0	8	8 0	8	8	8	2	2	2	2	2	2	2	2	2	6	4 5	3 9	0 0 2 5	5 4 4
04	0 4	9 8 5 3	4 2	4 2	4 2	2 7	1 2	8 0	8	0 5	2	6	6	2	2	2	2	2	2	2	2	2	6	4 5	3 9	0 0 2 5	5 4 4
04	0 7	9 8 5 2	4 3	4 3	4 2	2 7	1 7	2 4	8	5 0	2	6	6	2	2	2	2	2	2	2	2	2	6	4 5	3 9	0 0 2 5	5 4 4
04	1 0	9 8 2 5	4 3	4 2	4 2	2 6	1 7	8 0	8	1 6	5	6	6	2	2	2	2	2	2	2	2	2	6	4 5	3 9	0 0 2 5	5 4 4
04	1 3	9 8 1 8	4 4	4 3	4 1	2 7	3 7	3 2	8	6 1	5	6	6	2	2	2	2	2	2	2	2	2	7	4 5	3 9	0 0 2 5	5 4 4
04	1 6	9 8 2 0	4 4	4 3	4 1	2 6	3 0	8 1	8	0 2	8	7	7	2	2	2	2	2	2	2	2	2	7	4 5	3 9	0 0 2 5	5 4 4
04	1 9	9 8 2 2	3 9	3 8	3 7	2 4	1 0	5 4	6	8 3	2	6	6	2	2	2	2	2	2	2	2	2	6	4 5	3 8	0 0 0 5	5 0 4
05	0 2	9 8 2 3	4 0	3 9	3 8	2 5	2 2	4 0	8	8 4	8	8	8	2	2	2	2	2	2	2	2	2	6	4 5	3 8	0 0 0 5	5 0 4
05	0 5	9 8 2 7	3 9	3 9	3 8	2 3	0 8	8 1	8	2 5	8	5	5	2	2	2	2	2	2	2	2	2	5	4 5	3 8	0 0 0 5	5 0 4
05	0 7	9 8 4 9	3 8	3 8	3 7	1 9	2 3	2 4	8	6 1	6	6	6	2	2	2	2	2	2	2	2	2	5	4 5	3 8	0 0 0 5	5 0 4
05	1 0	9 8 9 5	4 0	3 7	3 3	2 2	1 8	2 0	8 0	8	0 5	8	6	6	2	2	2	2	2	2	2	2	5	4 5	3 8	0 0 0 5	5 0 4
05	1 3	9 9 5 9	4 2	3 9	3 2	2 0	2 0	8 3	5	0 1	2	2	2	2	2	2	2	2	2	2	2	2	5	4 5	3 8	0 0 0 5	5 0 4
05	1 6	9 9 7 7	4 0	3 6	2 9	2 2	1 3	8 3	5	0 2	2	2	2	2	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
05	1 9	9 9 8 4	4 0	3 6	3 0	2 5	1 6	8 3	4	0 1	2	2	2	2	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
05	2 2	9 9 7 3	4 0	4 0	4 0	2 9	0 9	8 1	8	0 2	2	2	2	2	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
06	0 1	9 9 4 6	4 1	4 1	4 1	2 7	2 1	4 0	8	6 1	6	6	6	2	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
06	0 4	9 9 2 5	4 1	4 1	4 1	2 6	2 5	2 4	8	6 1	6	6	6	2	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
06	0 7	9 9 2 1	4 2	4 1	4 1	2 6	2 4	2 4	8	6 1	6	6	6	2	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
06	1 0	9 9 1 5	4 4	4 4	4 3	2 7	1 4	8 0	8	0 5	2	2	2	2	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
06	1 3	9 8 4 4	4 2	4 2	4 2	2 6	2 8	1 5	4 8	8	6 1	6	6	6	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
06	1 6	9 8 4 4	4 2	4 2	4 2	2 7	1 4	1 5	4 0	8	6 1	6	6	6	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
06	1 9	9 8 3 5	4 1	4 1	4 1	2 7	1 7	1 9	2 4	8	6 1	6	6	6	2	2	2	2	2	2	2	2	6	4 4	3 7	0 0 0 5	5 0 4
07	0 1	9 8 5 7	4 0	3 9	3 8	2 6	2 6	8 0	8	2 0	6	6	6	2	2	2	2	2	2	2	2	2	6	4 4	3 6	0 0 1 6	5 6 0
07	0 4	9 8 7 8	4 0	3 9	3 7	2 6	2 5	3 0	8 0	8	0 5	8	8	8	2	2	2	2	2	2	2	2	6	4 4	3 6	0 0 0 5	5 0 4
07	0 7	9 9 0 5	3 9	3 9	3 8	2 6	2 0	4 0	8	6 3	8	6	6	2	2	2	2	2	2	2	2	2	6	4 4	3 6	0 0 0 5	5 0 4
07	1 0	9 9 1 4	4 0	3 9	3 2	2 5	2 4	8 0	8	2 5	8	7	7	2	2	2	2	2	2	2	2	2	6	4 4	3 6	0 0 0 5	5 0 4
07	1 3	9 9 1 5	4 1	4 0	3 7	2 5	2 4	8 0	8	2 6	8	7	7	2	2	2	2	2	2	2	2	2	6	4 4	3 6	0 0 0 5	5 0 4
07	1 6	9 9 1 6	3 9	3 8	3 6	2 6	2 0	8 1	8	2 6	7	8	8	2	2	2	2	2	2	2	2	2	6	4 4	3 6	0 0 0 5	5 0 4
07	1 9	9 9 3 6	3 8	3 7	3 5	2 3	0 5	8 1	8	2 6	7	5	5	9	4	4	4	4	4	4	4	4	6	4 3	3 6	0 0 3 1	3 1 9

**RESULTS OF SURFACE OBSERVATIONS AT
MACQUARIE ISLAND
FOR THE MONTH OF FEBRUARY 1950**

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF													MACQUARIE ISLAND FEBRUARY 1950											
DAY	HOUR	STATION	ATMOSPHERE PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST			
							DIRECTION	SPEED						C _L	H	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED		
LST.	Mbs.	"F	"F	"F	"F	"F	"x10	Kts.	VV	Oktas	WW	W	Oktas	C _L	H	C _M	C _H	"F	"F	Points	Miles	"x10	Kts.	Hours
11	0 1	9 9 7 8	4 0	3 8	3 5	2 6		1 7	B 0	4	0 5	I	4	4	4	0	0	6	0	0				
11	0 4	9 9 8 4	3 9	3 7	3 5	2 6		1 4	6 4	7	0 5	P	2	7	6	4	4	6	0	0				
11	0 7	9 9 9 7	4 0	3 8	3 5	2 6		1 2	B 1	6	2 5	B	6	6	6	4	4	6	6	6				
11	1 0	0 0 0 7	4 5	4 0	3 6	2 7		1 0	B 3	6	2 5	B	6	6	6	4	4	6	6	6				
11	1 3	0 0 1 5	4 5	4 1	3 5	2 7		1 1	B 5	6	0 2	P	2	6	5	2	4	6	6	6				
11	1 6	0 0 1 1	4 5	4 1	3 5	2 8		0 9	B 3	5	0 2	P	2	5	6	4	4	6	6	6				
11	1 9	0 0 1 2	4 3	4 1	3 7	2 9		0 7	B 3	7	1 4	B	2	5	4	3	3	9	6	6	6			
11	2 2	0 0 1 1	4 2	4 0	3 7	3 0		0 4	B 3	6	0 2	P	2	6	4	3	3	9	6	6	6			
12	0 1	9 9 9 4	4 1	3 9	3 7	3 2		1 2	A 0	8	8 1	B	6	6	6	4	4	7	7	7	7			
12	0 4	9 9 7 1	4 2	4 1	3 9	3 2		1 7	A 0	9	8 0	B	6	6	6	4	4	7	7	7	7			
12	1 0	9 9 4 8	4 3	4 3	4 2	3 3		2 1	A 0	8	5 0	B	6	6	6	4	4	7	7	7	7			
12	1 3	9 9 3 3	4 3	4 1	3 9	2 9		2 1	B 0	8	0 5	B	6	6	6	3	3	7	7	7	7			
12	1 6	9 9 1 2	4 2	4 2	4 1	2 9		2 0	B 2	8	2 1	B	6	6	6	3	3	2	6	6	6			
12	1 9	9 8 9 0	4 3	4 3	4 3	3 1		1 1	B 2	8	0 5	B	6	6	6	3	3	2	7	7	7			
12	1 9	9 8 9 8	4 3	4 3	4 2	2 7		1 9	A 0	8	2 0	B	6	6	6	3	3	2	7	7	7			
12	2 2	9 8 9 4	4 3	4 2	4 1	2 9		1 9	A 0	8	0 2	B	6	6	6	3	3	2	7	7	7			
13	0 1	9 8 7 7	4 5	4 2	4 1	2 9		1 7	B 0	8	0 5	P	2	8	6	3	3	2	6	6	6			
13	0 4	9 8 4 3	4 5	4 2	4 1	3 2		1 6	B 4	8	6 1	B	6	5	8	3	3	2	6	6	6			
13	0 7	9 8 5 3	4 0	3 9	3 6	2 5		2 1	A 0	8	5 0	B	6	6	6	2	3	2	6	6	6			
13	1 0	9 8 5 9	4 3	4 0	3 7	2 7		2 2	B 1	8	6 2	B	6	6	6	2	4	2	6	6	6			
13	1 3	9 8 7 6	4 3	4 1	3 7	2 6		2 8	B 2	8	2 5	B	6	6	6	1	5	0	6	6	6			
13	1 6	9 8 8 6	4 2	4 0	3 8	2 7		1 9	B 1	7	2 5	B	6	5	2	5	3	1	5	6	6			
13	1 9	9 9 0 7	4 1	3 8	3 5	2 6		1 7	B 1	6	2 5	B	6	5	2	5	3	3	6	6	6			
13	2 2	9 9 3 5	4 0	3 8	3 6	2 7		2 3	B 4	8	8 0	B	6	6	6	4	4	4	6	6	6			
14	0 1	9 9 5 1	3 8	3 6	3 2	2 6		2 1	A 0	8	5 0	B	6	6	6	3	3	0	6	6	6			
14	0 4	9 9 6 1	4 0	3 7	3 2	2 7		2 3	A 0	8	7 5	B	6	6	6	4	4	4	6	6	6			
14	0 7	9 9 7 9	4 2	3 8	3 2	2 6		2 8	B 1	8	7 5	B	6	6	6	4	4	4	6	6	6			
14	1 0	9 9 8 8	4 2	3 9	3 6	2 6		2 2	B 2	8	5 5	B	6	6	6	4	4	6	6	6	6			
14	1 3	9 9 8 8	4 3	3 8	3 6	2 5		1 8	B 1	7	2 5	B	6	5	2	5	3	1	5	6	6			
14	1 6	0 0 0 2	4 3	3 8	3 5	2 6		1 8	B 1	5	0 2	B	6	4	4	3	3	0	6	6	6			
14	1 9	0 0 2 1	4 2	3 8	3 0	2 7		1 7	B 1	7	0 2	B	6	6	6	5	3	0	6	6	6			
14	2 2	0 0 5 0	4 0	3 7	3 2	2 8		1 2	B 1	8	3 0	B	6	6	6	3	3	0	6	6	6			
15	0 1	0 0 5 3	4 1	4 0	3 7	2 8		2 8	B 1	8	7 5	B	6	6	6	4	4	4	6	6	6			
15	0 4	0 0 4 5	4 2	4 0	3 7	2 9		1 1	B 0	8	7 5	B	6	6	6	4	4	6	6	6	6			
15	0 7	0 0 4 5	4 2	4 1	3 9	2 9		1 5	B 4	8	8 0	B	6	6	6	4	4	6	6	6	6			
15	1 0	0 0 2 9	4 4	4 3	4 2	3 0		2 0	B 4	6	8 0	B	6	6	6	7	7	4	7	7	7			
15	1 3	0 0 2 3	4 5	4 4	4 3	2 9		1 7	B 4	6	8 0	B	6	6	6	8	4	6	6	6	6			
15	1 6	0 0 2 1	4 5	4 4	4 2	2 8		1 7	B 0	8	0 5	B	6	6	6	8	4	6	6	6	6			
15	1 9	0 0 2 1	4 4	4 3	4 2	2 9		1 1	B 1	7	0 2	B	6	6	6	8	4	3	6	6	6			
15	2 2	0 0 2 4	4 3	4 3	4 3	3 2		1 0	B 0	8	0 5	B	6	6	6	8	3	0	6	6	6			
15	0 1	9 9 9 8	4 4	4 4	4 4	3 2		1 0	B 0	8	1 6	B	6	6	6	7	7	4	6	6	6			
15	0 4	9 8 8 4	4 3	4 3	4 3	3 2		0 3	B 4	6	8 0	B	6	6	6	7	7	2	6	6	6			
15	0 7	9 9 8 0	4 4	4 4	4 4	3 2		1 4	B 0	8	2 1	B	6	6	6	7	7	3	2	7	7			
15	1 0	9 9 7 0	4 3	4 3	4 2	2 5		1 2	B 2	8	6 3	B	6	6	6	7	7	3	2	2	6			
15	1 3	9 9 4 9	4 5	4 5	4 5	4 2		2 9	B 0	8 0	8 0	B	6	6	6	7	7	4	2	2	6			
15	1 6	9 9 3 7	4 2	4 2	4 1	3 9		2 6	B 1	8 0	8 0	B	6	6	6	7	7	4	2	2	6			
15	1 9	9 9 3 5	4 1	4 0	3 9	2 8		1 3	B 1	8 1	3 0	P	2	1	2	9	4	3	1	5	5	5		
15	2 2	9 9 4 5	4 1	3 9	3 6	2 6		1 4	B 1	8 1	7 0	P	2	2	7	8	4	4	6	6	6			
17	0 1	9 9 6 5	4 0	3 9	3 7	2 0		0 3	B 1	8 1	7 0	P	2	2	7	8	4	4	6	6	6			
17	0 4	9 9 6 5	4 0	3 9	3 7	2 0		0 3	B 1	8 1	7 0	P	2	2	7	8	4	4	6	6	6			
17	0 7	0 0 3 6	4 1	3 9	3 5	1 7		2 3	B 0	8 0	7 8 0	P	2	2	8	7	2	4	4	6	6	6		
17	1 0	0 0 8 1	4 3	4 0	3 5	1 8		2 0	B 1	8 1	6 0	P	2	2	8	7	1	4	4	5	5	5		
17	1 3	0 0 1 8	4 0	3 7	3 2	1 8		1 8	B 1	8 1	7 2 5	B	6	6	6	8	4	4	3	4	4	4		
17	1 6	0 0 4 1	4 3	4 0	3 5	1 8		1 0	B 2	8 2	6 0 1	B	6	6	6	8	4	4	3	4	4	4		
17	1 9	0 0 6 5	3 9	3 8	3 5	1 8		0 8	B 1	6 6	0 2	B	6	6	6	8	3	2	4	4	4	4		
17	2 2	0 0 7 7	4 0	3 8	3 3	2 1		0 4	B 0	8 0	8 0 2	B	6	6	6	8	3	2	4	4	4	4		
18	0 1	0 1 7 9	4 1	3 9	3 5	2 7		2 0	B 0	8 0	8 0 5	B	6	6	6	8	3	2	6	6	6	6		
18	0 4	0 1 7 9	4 1	3 9	3 6	2 8		1 5	B 0	8 0	8 0 5	B	6	6	6	8	3	2	6	6	6	6		
18	0 7	0 1 8 1	4 1	4 0	3 8	2 7		1 7	B 0	8 0	8 0 5	B	6	6	6	8	3	2	6	6	6	6		
18	1 0	0 1 7 9	4 3	4 0	3 6	2 7		2 1	B 0	8 1	8 0 5	B	6	6	6	8	3	2	6	6	6	6		
18	1 3	0 1 6 4	4 2	4 0	3 6	2 6		2 4	B 0	8 0	8 0 5	B	6	6	6	8	4	4	7	7	7	7		
18	1 6	0 1 4 6	4 3	4 1	3 9	2 7		2 4	B 0	8 0	8 0 5	B	6	6	6	8	4	4	7	7	7	7		
18	1 9	0 1 3 2	4 3	4 1	3 8	2 7		2 6	B 0	8 0	8 0 5	B	6	6	6	8	4	4	7	7	7	7		
18	2 2	0 1 1 6	4 3	4 2	4 0	2 7		3 0	B 0	8 0	8 0 5	B	6	6	6	8	4	4	7	7	7	7</		

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF MACQUARIE ISLAND
FEBRUARY 1950**

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	WIND SPEED	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	TYPE	HEIGHT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE										
															W	Oktas	vv	W	Oktas	C _L	h	C _M	C _H	"F	Points	Miles	*x10	Kts.						
2 1	0 1	9 9 4 9	4 3	4 2	4 1	2 9	1 1	6 4	8	0 5	5	8	6	3	7	7	7	7	5	2	5	6	6	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9					
2 1	0 4	9 9 3 8	4 3	4 3	4 3	3 1	1 3	3 2	8	6 0	2	8	7	3	7	7	7	7	5	1	5	6	6	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9					
2 1	0 7	9 9 2 7	4 4	4 4	4 4	3 1	1 7	2 4	8	5 1	5	8	7	3	7	7	7	7	5	2	5	4	6	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9					
2 1	1 0	9 9 3 0	4 3	4 3	4 2	2 7	1 7	2 0	8	0	8	5	5	2	7	3	7	3	2	2	5	4	1	5	2	5	4	6	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9
2 1	1 3	9 9 2 2	4 6	4 4	4 2	2 9	1 6	8 2	4	0 1	2	2	5	4	1	5	6	6	6	6	6	6	6	6	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9				
2 1	1 6	9 9 0 9	4 2	4 2	4 2	2 9	1 0	4 0	8	6 0	6	6	7	3	2	2	6	6	6	6	6	6	6	6	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9				
2 1	1 9	9 9 0 8	4 3	4 3	4 3	2 9	0 9	8 1	6	6	2 1	6	3	7	3	7	3	7	3	7	6	6	6	6	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9				
2 2	2 2	9 9 2 1	4 5	4 2	4 1	5 1	1 6	8 1	8	0 5	2	6	7	3	7	7	7	7	6	6	6	6	6	6	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9				
2 2	0 4	9 8 9 5	4 2	4 2	4 2	3 3	2 0	2 4	8	6 1	6	8	7	2	2	6	7	7	7	7	7	7	7	7	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9				
2 2	0 7	9 8 5 2	4 5	4 5	4 5	3 3	2 4	1 6	8	6 1	6	8	7	1	2	6	7	7	7	7	7	7	7	7	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9				
2 2	1 3	9 8 5 8	4 5	4 5	4 4	3 2	3 0	2 4	8 0	8	0	2 5	8	6	8	4	4	4	4	4	4	4	4	4	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9				
2 2	1 6	9 8 4 8	4 5	4 3	4 1	3 0	2 5	8 0	2	0 5	1	1	8	4	4	4	4	3	0	6	6	6	6	6	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9				
2 2	1 9	9 8 4 8	4 3	4 1	4 0	3 0	2 2	8 2	2	0 2	1	1	4	4	4	4	4	3	0	6	6	6	6	6	41	0 0 0 5	4 0 9	2 7	2 6	0 2 9				
2 2	2 2	9 8 5 3	3 9	3 9	3 8	2 6	2 2	1 6	8	8 6	8	8	2	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 3	0 1	9 8 7 6	3 6	3 6	3 6	2 6	2 6	1 6	8	8 5	7	8	2	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 3	0 4	9 8 8 7	3 8	3 4	2 9	2 6	2 6	4 8	7	2 6	7	7	2	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 3	0 7	9 9 0 9	3 6	3 5	3 2	2 6	2 6	5 0	8	6 5	6	6	7	2	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 3	1 0	9 9 3 6	4 0	3 5	2 9	2 6	3 2	8 1	5	1 5	7	5	2	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 3	1 3	9 9 5 9	4 1	3 8	5 4	2 7	2 6	2 6	1 6	8	5 1	7	5	2	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 3	1 6	9 9 8 2	4 0	3 7	3 3	2 6	2 3	5 4	6	0 5	7	6	2	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 3	1 9	9 9 0 5	3 9	3 6	3 1	2 6	2 3	8 0	6	0 5	7	5	2	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 3	2 2	0 0 1 4	3 8	3 7	3 5	2 7	1 6	8 0	8	0 5	2	6	8	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 4	0 1	0 0 0 6	4 0	3 8	5 5	2 9	1 6	8 0	8	0 5	2	8	8	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 4	0 4	9 9 8 9	4 0	3 9	3 8	3 0	1 6	8 0	8	0 5	2	8	8	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 4	0 7	9 9 5 4	4 1	4 0	3 9	3 4	1 3	8 1	8	0 2	2	6	8	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 4	1 0	9 9 7 8	4 2	4 2	4 1	3 4	2 4	2 4	8 1	8	5 1	6	5	7	3	2	8	8	8	8	8	8	8	8	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 4	1 3	9 7 9 4	4 5	4 5	4 5	3 2	3 0	2 4	8 0	8	6 1	6	6	7	3	2	8	8	8	8	8	8	8	8	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 4	1 6	9 8 3 1	4 4	4 5	4 3	2 8	2 7	8 0	4	0 5	6	6	7	3	2	8	8	8	8	8	8	8	8	8	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 4	1 9	9 8 8 5	4 5	4 5	4 5	4 1	2 9	2 4	8 0	5	0 5	2	3	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 4	2 2	9 9 2 1	4 4	4 5	4 5	3 0	2 3	8 0	8	7	0 5	2	7	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 5	0 1	9 9 4 2	4 5	4 3	4 3	3 1	2 0	4 0	8	6 0	6	6	8	4	4	4	4	4	4	4	4	4	4	4	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 5	0 4	9 9 3 3	4 4	4 4	4 4	3 2	2 6	2 4	8 0	8	6 0	6	6	7	3	2	8	8	8	8	8	8	8	8	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 5	0 7	9 9 3 9	4 5	4 5	4 5	3 0	2 0	4 0	8	6 0	5	4	6	6	3	8	7	7	7	7	7	7	7	7	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 5	1 6	9 9 1 8	4 5	4 5	4 5	3 2	3 1	4 0	8 0	8	5 0	5	6	5	6	3	8	7	7	7	7	7	7	7	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 5	1 9	9 9 0 1	4 5	4 5	4 5	3 3	3 1	1 2	8 0	8	5 1	6	6	7	3	2	8	7	7	7	7	7	7	7	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 5	2 2	9 9 0 2	4 4	4 4	4 4	3 2	2 4	0 8	8	6 1	6	7	7	2	2	2	2	2	2	2	2	2	2	2	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 6	0 1	9 9 1 4	4 4	4 4	4 4	3 2	2 2	0 8	8 0	8	6 0	6	6	7	2	2	2	2	2	2	2	2	2	2	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 6	0 4	9 9 0 9	4 3	4 3	4 3	3 2	1 5	3 2	8 0	8	0 5	6	6	7	2	2	2	2	2	2	2	2	2	2	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6			
2 6	0 7	9 9 0 5	4 4	4 4	4 4	3 3	1 7	1 6	8 0	8	0 5	1	3	5	5	5	5	5	5	5	5	5	5	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6				
2 6	1 0	9 9 8 9	4 4	4 4	4 4	3 3	1 6	8 0	8	1 0	2	7	6	5	5	5	5	5	5	5	5	5	5	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0 9 6				
2 6	1 3	9 9 8 7	4 4	4 4	4 4	3 1	2 1	2 4	8 0	8	2 1	6	6	7	3	7	7	7	7	7	7	7	7	46	3 9	0 0 2 2	6 2 0	2 6	4 1	0				

		RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF MACQUARIE ISLAND MARCH 1950																							
DAY	HOUR	STATION LEVEL PRESSURE			WIND			VISIBILITY			LOW CLOUD			CLOUD DIRECTION			PRECIPITATION			ANEMOMETER			MAXIMUM GUST		
		Dry Bulb	Wet Bulb	Dew Point	Direction	Speed	*x10	Kts.	VV	Oktas	ww	Past	Present Weather	Amount	Type	Height	Low	Middle	High	"F	"F	Points	Miles	*x10	Kts.
01	01	9 8 8 9	3 9	3 8	3 7	3 4	0 2	8 0	1	0 5	1	1	6	4											
01	04	9 8 5 8	3 9	3 9	3 8	0 0	0 0	8 0	3	0 5	1	3	6	4											
01	07	9 8 3 5	4 0	3 9	3 7	1 6	0 9	8 0	8	0 5	2	4	6	3											
01	10	9 8 0 4	4 0	4 0	3 9	1 5	1 5	8 0	8	0 5	2	6	7	3											
01	13	9 7 3 0	4 1	4 0	4 0	1 3	2 3	2 4	8	6 5	6	3	7	3											
01	16	9 6 9 1	5 7	5 7	5 7	1 5	5 5	1 6	8	6 9	5	7	7	2											
01	19	9 7 1 3	5 7	5 7	5 6	1 7	5 5	8 0	7	2 5	7	5	6	4											
01	22	9 7 4 6	5 9	5 7	5 3	1 8	2 5	8 0	8	2 1	6	8	7	3											
02	01	9 7 7 5	5 7	5 7	5 6	1 9	1 4	4 0	8	6 0	6	8	7	3											
02	04	9 7 9 4	5 7	5 6	5 5	1 7	1 0	8 0	8	2 1	6	8	8	3											
02	07	9 8 1 8	5 8	5 6	5 4	2 0	0 9	8 0	8	5 0	6	8	8	3											
02	10	9 8 3 4	4 1	3 8	3 5	2 6	1 1	8 2	7	0 2	2	3	2	4											
02	13	9 8 4 1	4 0	3 8	3 4	2 6	1 1	8 2	7	8 5	2	6	2	4											
02	16	9 8 5 5	4 0	3 7	3 5	2 7	1 6	8 2	6	1 6	2	2	5	3											
02	19	9 8 7 2	5 8	5 6	5 1	2 4	1 0	8 2	6	1 6	2	2	5	3											
02	22	9 8 9 6	5 7	5 5	5 2	2 1	0 8	8 2	7	0 2	7	3	5	3											
03	01	9 9 1 9	5 8	5 4	5 2	2 4	0 3	8 0	7	0 5	2	2	7	6											
03	04	9 9 4 5	5 8	5 6	5 2	2 4	0 9	8 0	7	0 5	2	2	8	6											
03	07	9 9 7 7	5 9	5 6	5 2	2 4	0 8	8 0	8	0 5	2	2	8	6											
03	10	9 9 9 8	5 9	5 3	5 1	2 6	1 0	8 0	8	0 5	2	2	8	6											
03	13	0 0 1 1	4 0	5 7	5 1	2 8	1 1	8 1	8	0 2	2	2	6	5											
03	16	0 0 1 7	4 1	5 8	5 2	3 0	0 6	8 2	8	0 2	2	2	5	5											
03	19	0 0 1 8	4 0	5 8	5 5	3 5	0 8	8 0	8	0 5	2	2	8	6											
03	22	0 0 0 4	4 4	4 1	3 7	3 5	0 5	8 0	8	0 5	2	2	8	6											
04	01	9 9 7 5	4 2	4 1	4 0	3 5	1 5	4 8	8	6 0	6	2	8	6											
04	04	9 9 4 2	4 3	4 3	4 3	5 5	2 5	4 0	8	6 1	6	2	8	6											
04	07	9 9 5 4	4 3	4 3	4 3	5 0	1 4	4 0	6	1 0	6	2	8	6											
04	10	9 9 6 1	4 3	4 5	4 3	5 5	1 5	5 2	8	1 0	6	2	8	6											
04	13	9 9 4 9	4 4	4 4	4 4	5 5	1 8	4 0	8	0 5	2	2	6	5											
04	16	9 9 1 7	4 5	4 5	4 5	5 5	2 3	1 2	8	6 1	6	2	7	7											
04	19	9 9 0 1	4 4	4 4	4 4	5 3	2 1	0 1	9	4 7	5	9	9	0											
04	22	9 8 9 8	4 4	4 4	4 4	4 4	3 2	2 2	0 1	9	5 0	4	9	8											
05	01	9 8 8 5	4 4	4 4	4 4	3 3	2 5	0 8	8	6 1	6	8	7	7											
05	04	9 8 8 9	4 4	4 4	4 4	3 2	2 4	4 0	8	4 2	7	6	5	2											
05	07	9 9 1 5	4 4	4 4	4 4	4 2	2 0	4 0	8	0 5	2	2	6	5											
05	10	9 9 2 9	4 4	4 4	4 4	3 2	1 7	3 2	8	1 0	2	2	6	5											
05	13	9 9 2 4	4 5	4 5	4 5	5 5	1 7	2 4	8	1 0	2	2	6	5											
05	16	9 9 2 6	4 5	4 4	4 3	5 5	1 7	8 0	1	0 5	1	1	1	1											
05	19	9 9 3 2	4 5	4 5	4 3	5 3	1 6	6 4	1	0 5	1	1	1	1											
05	22	9 9 2 6	4 4	4 4	4 3	5 3	2 3	6 4	6	0 5	1	1	6	5											
06	01	9 9 3 3	4 4	4 4	4 3	5 2	2 3	4 0	7	8 0	1	1	6	5											
06	04	9 9 4 7	4 5	4 2	4 1	3 1	2 5	8 0	3	0 5	1	1	6	5											
06	07	9 9 8 2	4 5	4 2	4 0	3 0	2 2	8 1	6	1 5	1	1	6	5											
06	10	0 0 1 7	4 5	4 3	4 0	3 0	1 9	8 1	2	0 5	1	1	6	5											
06	13	0 0 3 8	4 5	4 5	4 3	4 0	1 7	8 2	3	0 1	1	1	6	5											
06	16	0 0 4 7	4 5	4 4	4 3	4 3	3 2	0 8	8 0	2	0 5	1	1	6	5										
06	19	0 0 5 2	4 5	4 3	4 3	4 2	3 4	1 1	8 0	3	0 5	1	1	6	5										
06	22	0 0 5 1	4 5	4 2	4 2	4 2	3 2	1 0	2 4	2	0 5	1	1	6	5										
07	01	0 0 4 5	4 2	4 2	4 2	3 5	1 1	2 4	5	1 0	1	1	6	5											
07	04	0 0 3 5	4 2	4 2	4 2	3 5	0 8	2 4	7	1 0	1	1	6	5											
07	07	0 0 3 5	4 2	4 1	4 1	2 5	1 1	8 1	7	2 5	8	2	4	4											
07	10	0 0 4 4	4 5	4 1	3 8	2 4	0 2	8 2	7	0 2	2	2	6	6											
07	13	0 0 5 7	4 4	4 4	3 4	2 4	0 5	8 2	6	0 2	2	2	6	6											
07	16	0 0 7 4	4 5	4 0	3 5	2 7	1 0	8 2	5	0 2	2	2	6	6											
07	19	0 0 9 5	4 0	3 8	3 5	2 8	0 6	8 2	2	0 1	2	1	6	5											
07	22	0 1 1 3	4 1	3 9	3 6	3 1	0 9	8 2	6	0 3	1	1	6	5											
08	01	0 1 1 2	4 1	4 0	3 9	3 1	1 3	8 1	0	0 1	1	1	6	5											
08	04	0 1 0 2	4 2	4 1	4 0	3 2	1 6	8 1	7	0 3	1	1	6	5											
08	07	0 0 8 2	4 3	4 2	4 1	3 2	2 2	4 0	2	0 5	1	1	6	5											
08	10	0 0 6 7	4 4	4 3	4 2	3 2	2 8	4 0	8	0 5	2	2	6	6											
08	13	0 0 2 0	4 5	4 4	4 1	3 3	1 8	4 8	8	0 5	2	2	6	6											
08	16	0 9 6 4	4 4	4 3	4 3	3 3	3 5	4 0	8	6 1	2	2	6	6											

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF**

**MACQUARIE ISLAND
MARCH 1950**

DAY	HOUR	STATION LEVEL PRESSURE	WIND		DEW POINT	DIRECTION	SPEED	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE			
			DRY BULB	WET BULB									LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH						
LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Oktas	WW	W	Oktas	C _L	h	C _M	C _H	CL	CH	"F	"F	Points	Miles	*x10	Kts.	Hours
11	0 1	00 5 1	3 6	3 5	3 2	2 5	2 0	6 4	6	8 6	7	6	2	4										
11	0 4	00 6 4	3 7	3 5	3 1	1 8	1 5	6 4	8	2 6	7	8	2	4										
11	0 7	00 8 9	3 7	3 4	2 8	2 4	1 6	4 0	8	8 5	7	8	2	4										
11	1 0	01 1 5	3 7	3 4	2 8	2 2	1 9	8 0	6	2 6	7	6	2	4										
11	1 3	01 3 9	4 0	3 5	2 6	1 9	2 3	8 1	7	2 7	8	7	8	4										
11	1 6	01 6 5	3 7	3 5	3 4	1 8	1 5	1 6	8	8 6	8	8	2	4										
11	1 9	01 8 3	3 8	3 5	2 9	1 9	1 5	6 4	7	2 6	7	7	8	4										
11	2 2	02 0 6	3 9	3 6	3 2	1 8	0 9	8 0	7	2 5	7	8	4											
12	0 1	02 1 0	3 8	3 5	3 0	2 0	0 3	8 0	3	0 1	2	2	8	4	3									
12	0 4	02 0 3	3 9	3 6	3 2	2 9	0 9	8 0	8	0 5	2	8	8	4										
12	0 7	01 9 5	4 0	3 8	3 4	3 3	1 1	8 1	8	0 5	2	8	8	5										
12	1 0	01 8 0	4 1	4 0	3 8	3 3	1 1	8 1	8	0 2	2	6	8	5	7									
12	1 3	01 5 2	4 2	4 1	4 0	3 3	2 0	8 1	8	0 2	2	7	8	4	7									
12	1 6	01 1 5	4 3	4 2	4 0	3 5	2 0	8 0	8	0 5	2	6	4	4	7									
12	1 9	00 7 6	4 3	4 2	4 1	3 5	1 9	6 4	8	0 5	2	6	4	4	7									
12	2 2	00 5 7	4 4	4 2	4 0	3 4	2 6	4 0	8	0 5	2	8	6	3	8									
13	0 1	99 9 8	4 4	4 3	4 2	3 5	2 4	6 8	8	5 0	2	8	6	3										
13	0 4	99 6 2	4 4	4 3	4 3	3 5	2 6	4 0	8	6 1	5 5	8	7	3	2									
13	0 7	99 4 5	4 4	4 4	4 4	3 4	2 7	2 4	8	6 1	6 6	6	7	3	2									
13	1 0	99 3 9	4 4	4 4	4 3	3 5	2 3	1 6	8	6 3	6	7	2	2										
13	1 3	99 2 3	4 5	4 3	4 3	3 5	1 8	2 4	8	6 1	6 6	6	7	3	2									
13	1 6	99 0 5	4 2	4 2	4 2	3 2	3 2	1 5	2 4	8	6 1	6 6	6	7	3	2								
13	1 9	98 9 1	3 9	3 9	3 9	1 6	0 8	2 4	8	6 1	6 6	6	7	3										
13	2 2	98 8 5	3 9	3 9	3 9	1 8	0 9	2 4	8	6 1	6 6	8	7	5										
14	0 1	98 8 2	4 0	3 8	3 8	1 8	0 8	4 0	8	5 0	6 6	8	7	3										
14	0 4	98 8 0	4 0	4 0	3 9	1 8	1 0	4 0	8	0 5	2	8	6	3										
14	0 7	98 8 6	4 1	4 0	3 8	2 1	1 0	4 0	6	8 0	2	6	8	4										
14	1 0	99 0 3	4 3	4 2	4 0	2 1	1 0	8 2	4	0 1	1	2	1	4	3	1	5	8						
14	1 3	99 1 5	4 3	4 0	3 6	2 7	2 1	8 1	7	0 3	1	6	8	4	4	1	5	6						
14	1 6	99 0 7	4 2	3 9	3 5	2 7	1 5	8 1	8	0 2	1	3	8	4	5	6	6	6						
14	1 9	98 8 2	3 9	3 8	3 8	3 1	1 7	3 2	8	6 1	6 6	7	7	3	2									
14	2 2	98 6 6	4 2	4 2	4 2	2 7	1 9	4 0	8	0 5	6	6	8	3										
15	0 1	98 5 6	4 5	4 1	3 8	2 8	2 0	4 0	8	0 5	5	6	8	3										
15	0 4	98 5 5	4 5	4 0	3 5	2 7	2 4	4 8	8	0 5	2	2	8	3										
15	0 7	98 5 2	4 2	4 0	3 8	2 8	1 8	4 0	8	0 5	2	6	7	3										
15	1 0	98 1 5	4 0	3 9	3 7	3 0	1 8	2 4	8	6 3	6	7	3	2										
15	1 3	97 0 4	4 4	4 4	4 4	3 1	3 3	4 0	8	6 3	6	6	7	3										
15	1 6	96 1 8	4 4	4 4	4 3	3 1	3 3	5 2	8	6 2	6	6	7	3										
15	1 9	95 9 4	4 2	4 2	4 1	2 9	3 1	2 4	8	8 1	6	6	2	3										
15	2 2	97 4 8	3 8	3 6	3 6	2 6	2 2	2 4	8	6 1	6	6	8	3										
16	0 1	98 8 0	3 9	3 6	3 1	2 7	3 0	8 0	3	2 6	8	8	3	3										
16	0 4	98 8 4	3 8	3 7	3 6	2 6	3 6	4 0	5	8 4	8	5	8	3										
16	0 7	98 6 7	3 8	3 6	3 5	2 5	3 2	3 2	6	8 5	7	6	2	4										
16	1 0	98 9 2	4 1	3 8	3 1	2 5	3 0	8 1	5	2 6	7	3	2	4										
16	1 3	98 9 0	4 1	3 8	3 5	2 6	2 1	6 4	8	0 5	8	7	8	4	7	9	6	0	6					
16	1 6	98 6 5	3 8	3 8	3 8	2 8	1 9	3 2	8	6 3	8	7	7	5										
16	1 9	98 8 1	3 6	3 6	3 6	3 1	0 6	2 4	8	6 1	6	6	8	3										
16	2 2	97 9 0	3 5	3 5	3 5	1 6	1 0	1 6	8	6 1	6	6	8	7										
17	0 1	98 3 5	3 7	3 6	3 5	1 9	0 9	4 0	6	6 0	6	6	8	3										
17	0 4	98 7 8	3 9	3 5	2 9	2 5	2 3	8 0	7	0 5	2	7	8	3										
17	0 7	98 9 9	3 6	3 6	3 6	2 7	2 0	2 4	8	6 2	6	7	6	3										
17	1 0	99 1 4	4 0	3 8	3 4	2 7	2 4	8 1	8	2 5	8	6	8	4	4	3	1	6	6					
17	1 3	99 3 1	4 0	3 7	3 0	2 6	2 6	8 1	6	0 2	2	5	8	4										
17	1 6	99 4 7	3 9	3 8	3 5	2 6	2 3	8 1	5	2 6	7	4	2	5										
17	1 9	99 6 8	4 2	4 2	4 2	2 9	2 2	8 1	5	8 5	7	5	9	4										
17	2 2	99 8 7	3 8	3 7	3 5	2 7	2 2	4 8	6	2 6	7	6	9	4										
18	0 1	00 0 1	3 1	2 5	2 4	2 8	2 5	6 4	4	8 0	8	4	2	4										
18	0 4	00 2 7	4 0	3 7	3 2	2 7	2 4	4 0	8	2 6	8	8	4	4	0	0	6	0	0					
18	0 7	00 2 8	4 0	3 8	3 4	2 8	2 5	6 4	8	0 5	2	8	8	4	4									
18	1 0	99 5 7	4 1	4 0	3 9	2 9	3 5	3 2	8	6 0	6	6	7	4	2									
18	1 3	99 6 8	4 2	4 2	4 2	2 9	3 4	1 6	8	6 1	6	6	8	7	3									

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF																			MACQUARIE ISLAND MARCH 1950											
DAY	HOUR	STATION LEVEL PRESSURE	WIND			DEW POINT	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE									
			DIRECTION	SPEED	*x10							Low	Middle	High	Low	Middle	High	Direction	Speed											
LST.	Mbs.	"F	"F	"F	"F	Kts.	VV	Oktas	ww	W	Oktas	C _L	h	C _M	C _H	"F	"F	Points	Miles	*x10	Kts.	Hours								
21	0 1	0 0 5 0	4 2	4 2	4 2	3 1	2 9	2 4	8	6 1	6	7	7	2	2	7	7													
21	0 4	0 0 2 7	4 3	4 2	4 2	3 1	2 9	4 0	8	6 1	6	7	7	3	2	7	7													
21	0 7	0 0 2 4	4 3	4 5	4 2	3 0	2 8	4 0	8	2 1	6	7	7	3	2	7	7													
21	1 0	0 0 3 5	4 4	4 3	4 2	2 9	3 2	8 1	7	0 5	2	4	1	4	3	2	6	6	5											
21	1 3	0 0 5 8	4 5	4 4	4 2	2 8	2 6	8 0	8	0 5	2	3	8	4	7	6	6	5												
21	1 6	0 0 7 4	4 3	4 1	3 8	2 9	1 9	4 8	7	0 5	2	7	8	4	7	6	6	5												
21	1 9	0 0 7 8	4 3	4 1	3 9	3 0	1 9	6 4	8	0 5	2	2	8	4	7	6	6	5												
21	2 2	0 0 6 4	4 2	4 2	4 2	3 0	2 6	3 2	8	5 0	5	8	4	3	7	7	7	7												
22	0 1	0 0 5 0	4 4	4 3	4 3	3 1	2 5	4 0	8	0 5	5	8	4	3	7	7	7	7												
22	0 4	0 0 3 2	4 4	4 3	4 2	3 1	2 8	6 4	8	0 5	2	8	4	3	7	7	7	7												
22	0 7	0 0 3 7	4 3	4 3	4 1	2 7	5 0	4 8	8	6 1	2	6	7	3	2	6	6	5												
22	1 0	0 0 6 4	4 3	4 0	3 3	2 7	3 0	8 0	5	0 5	2	5	4	5	5	6	6	5												
22	1 3	0 0 9 5	4 3	3 9	5 2	2 6	3 2	8 1	4	0 5	2	4	5	4	0	0	6	6	0											
22	1 6	0 1 1 6	4 2	3 8	5 0	2 6	3 3	8 1	6	0 5	2	6	8	4	4	6	6	5												
22	1 9	0 1 5 7	4 0	3 6	2 9	2 6	2 8	8 0	3	0 5	2	3	8	4	0	0	6	6	0											
23	0 1	0 1 9 0	4 0	3 8	3 4	2 7	1 7	8 1	3	0 2	1	1	3	8	4	0	0	6	6	0										
23	0 4	0 1 8 4	4 0	3 8	3 4	2 8	1 9	8 1	2	0 2	1	2	2	4	4	4	4	4												
23	0 7	0 1 9 1	4 2	4 0	3 7	2 7	1 9	8 1	8	0 2	2	2	8	4	4	4	4	4												
23	1 0	0 1 9 9	4 4	4 3	4 1	2 6	2 3	8 0	7	1 5	5	7	8	3	4	6	6	5												
23	1 3	0 2 1 5	4 5	4 0	3 5	2 5	2 2	8 1	7	0 5	8	0	5	4	4	4	4	4												
23	1 6	0 2 2 8	4 2	4 0	3 7	2 7	1 8	8 0	8	0 5	5	8	4	3	6	6	6	5												
23	1 9	0 2 3 8	4 2	3 9	5 4	2 7	2 0	8 1	8	0 2	2	2	8	4	4	4	4	4												
23	2 2	0 2 5 5	4 1	3 8	3 3	2 7	1 5	8 1	8	0 2	2	2	8	4	4	4	4	4												
24	0 1	0 2 5 2	4 2	3 9	5 4	2 7	1 2	8 1	8	0 2	2	2	8	4	4	4	4	4												
24	0 4	0 2 4 7	4 1	3 9	5 6	2 7	1 5	8 1	8	0 2	2	2	8	4	4	4	4	4												
24	0 7	0 2 4 4	4 0	3 9	5 8	2 8	1 7	8 1	6	0 2	2	2	8	4	4	4	4	4												
24	1 0	0 2 3 9	4 3	4 1	4 0	3 0	1 8	8 2	5	0	5	2	2	8	4	4	4	4												
24	1 3	0 2 2 7	4 3	4 2	4 0	2 8	1 8	8 2	6	0	2	2	2	8	4	4	4	4												
24	1 6	0 2 0 9	4 2	4 1	4 0	2 7	3 0	8 1	6	1	2	2	2	8	4	4	4	4												
24	1 9	0 2 1 0	4 2	4 0	3 8	2 8	2 1	8 1	4	0	5	5	3	8	4	4	4	4												
24	2 2	0 2 1 1	4 2	4 1	4 0	2 8	1 7	8 1	8	0 5	2	2	2	8	4	4	4	4												
25	0 1	0 1 9 7	4 2	4 1	4 0	2 8	1 8	8 1	8	0 5	2	2	2	8	4	4	4	4												
25	0 4	0 1 8 5	4 2	4 1	3 9	2 8	1 8	8 1	8	0 5	2	2	2	8	4	4	4	4												
25	0 7	0 1 8 2	4 2	4 1	3 8	3 0	1 7	8 0	8	0 5	2	2	2	8	4	4	4	4												
25	1 0	0 1 7 4	4 2	4 0	3 9	3 0	1 7	6 4	8	1 5	2	2	5	7	4	2	2	6	5											
25	1 3	0 1 6 1	4 1	4 0	3 9	3 0	2 1	4 8	8	5 0	2	2	6	4	3	6	6	5												
25	1 6	0 1 4 7	4 1	4 1	4 1	2 9	2 1	8 0	7	1 6	5	7	8	3	2	6	6	5												
25	1 9	0 1 3 5	4 1	4 0	3 9	3 0	2 3	6 4	7	5 0	5	5	5	5	3	7	6	5												
25	2 2	0 1 2 8	4 1	4 0	5 9	3 1	1 9	8 0	7	5 0	5	7	8	3	2	7	7	7												
26	0 1	0 1 0 9	4 1	4 1	4 1	3 1	1 8	4 8	8	5 1	5	8	7	3	2	7	7	7												
26	0 4	0 0 9 9	4 1	4 1	4 1	3 1	1 6	4 8	8	5 1	5	8	7	3	2	7	7	7												
26	0 7	0 1 0 1	4 2	4 2	4 2	2 5	1 2	8 0	8	6 0	6	6	6	8	7	3	2	7	7											
26	1 0	0 1 0 1	4 4	4 4	4 3	2 9	1 9	8 0	8	0 5	6	7	8	3	7	7	7	7												
26	1 3	0 1 2 9	4 5	4 4	4 4	4 4	2 5	1 5	8 1	6 0	5	6	7	3	2	6	6	5												
26	1 6	0 1 4 2	4 4	4 3	4 2	3 1	1 5	8 1	1	1	0	5	1	1	4	4	0	0	6	0	0									
26	1 9	0 1 3 8	4 2	4 2	4 2	3 3	1 5	8 1	3	0	5	1	1	6	3	0	5	5	7	0	0									
26	2 2	0 1 2 4	4 4	4 3	4 2	3 3	2 4	8 0	8	0 5	2	2	8	6	3	7	7	7												
27	0 1	0 0 9 6	4 5	4 3	4 3	3 3	2 4	8 0	8	0 5	2	2	8	6	4	2	2	7	7											
27	0 4	0 0 8 0	4 4	4 4	4 3	3 2	2 5	4 8	8	5 1	5	8	7	3	2	7	7	7												
27	0 7	0 0 8 9	4 3	4 2	4 2	3 2	1 7	8 0	8	0 5	5	8	7	3	2	7	7	7												
27	1 0	0 0 9 7	4 5	4 3	4 2	3 1	1 2	6 4	8	0 5	2	2	6	7	3	7	7	7												
27	1 3	0 0 8 6	4 3	4 2	4 1	3 2	1 4																							

RESULTS OF SURFACE OBSERVATIONS AT																MACQUARIE ISLAND MARCH 1950													
DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB		WET BULB		DEW POINT		WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	LOW CLOUD		CLOUD DIRECTION		HIGH CLOUD		MAXIMUM TEMPERATURE		MINIMUM TEMPERATURE		PRECIPITATION	ANEMOMETER		MAXIMUM GUST	
		LST.	Mbs.	"F	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	C _L	h	HEIGHT	C _M	C _H	C _L	C _M	C _H	Points	Miles	"x10	Kts.	Hours	DIRECTION	SPEED
3 1	0 1	0 1 2 6	3 8	3 7	3 5	2 6	1 4	8 1	7	0 2																			
3 1	0 4	0 1 3 6	3 9	3 6	3 1	2 7	1 9	8 1	8	0 2																			
3 1	0 7	0 1 3 1	4 1	3 8	3 5	2 9	1 6	8 1	8	0 2																			
3 1	1 0	0 1 2 1	4 2	4 1	3 9	3 0	1 7	8 1	8	0 2																			
3 1	1 3	0 0 8 4	4 2	4 2	4 2	3 2	2 6	1 6	8	1 0																			
3 1	1 6	0 0 4 9	4 3	4 3	4 3	3 0	2 6	2 4	8	5 0																			
3 1	1 9	0 0 3 2	4 3	4 2	4 2	3 0	2 6	1 6	8	5 0																			
3 1	2 2	0 0 1 7	4 4	4 4	4 3	3 0	2 8	4 0	8	5 0																			

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF MACQUARIE ISLAND APRIL 1950																									
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	WIND SPEED	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	TYPE	HEIGHT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE	
															CL	h	CM	CH	CL	CM	CH	DIRECTION	SPEED		
LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	vv	W	Oktas	vv	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10 Kts.	Hours
01	0 1	0 0 2 3	4 4	4 5	4 3	2 7	2 3	3 2	8	6 1	5	0	0	0	3										
01	0 4	0 0 3 6	4 1	4 0	3 9	2 7	1 7	8 1	8	0 2	6	0	4	3		6									
01	0 7	0 0 3 6	4 1	3 9	3 6	2 8	2 2	8 1	6	2 5	8	5	2	4		6									
01	1 0	0 0 4 0	4 2	4 0	3 8	2 7	2 4	8 1	6	2 5	8	5	2	4		6									
01	1 3	0 0 3 3	4 3	4 2	4 0	2 9	2 2	8 1	7	0 2	8	7	0	4		6									
01	1 6	0 0 2 6	4 1	4 0	3 9	2 8	2 6	8 1	5	0 2	1	6	0	4		6									
01	1 9	0 0 2 9	4 1	4 0	3 9	2 8	2 6	8 1	7	0 5	2	5	5	4	7	6	6	6	6	6	6	6	6		
01	2 2	0 0 2 9	4 2	4 1	4 0	2 8	2 6	8 0	8	2 5	8	7	8	4		6									
02	0 1	0 0 1 2	4 2	4 1	4 0	2 8	3 2	8 0	8	0 5	8	8	8	4		6									
02	0 4	9 9 8 9	4 3	4 2	4 1	2 9	3 2	8 0	8	0 5	8	2	8	4	4		6								
02	0 7	9 9 4 9	4 2	4 2	4 2	2 9	3 7	8 0	8	0 5	8	8	4	4		6									
02	1 0	9 9 6 3	4 0	4 0	3 9	2 6	4 4	5 6	7	8 0	8	7	8	3		6									
02	1 3	9 9 7 1	4 1	4 0	3 8	2 6	3 5	4 8	8	8 0	8	8	8	3	4		6								
02	1 6	9 9 8 7	3 7	3 7	3 7	3 7	2 6	3 7	4 0	7	8 4	8	6	3	4	7									
02	1 9	9 9 9 8	3 6	3 6	3 6	2 6	2 1	4 0	8	2 6	7	8	3	4		6									
02	2 2	0 0 2 3	3 7	3 4	2 9	2 3	1 7	6 4	8	0 5	7	8	8	4		6									
03	0 1	0 0 4 6	3 4	3 2	2 9	2 3	1 6	4 0	8	8 6	7	8	5	4		6									
03	0 4	0 0 6 7	3 2	3 2	3 1	2 5	2 2	2 4	8	8 6	7	8	5	4		6									
03	0 7	0 0 8 2	3 4	4 2	4 2	2 9	1 7	2 4	6	6 5	7	5	2	4		6									
03	1 0	0 0 9 4	3 7	3 4	2 9	1 6	1 6	8 2	5	2 6	7	8	2	4		6									
05	1 3	0 0 9 3	3 5	3 5	3 5	2 5	2 1	0 8	8	8 5	7	8	2	4		6									
05	1 6	0 0 7 5	3 7	3 6	3 4	2 6	2 1	6 4	7	2 5	8	3	2	4		6									
05	1 9	0 0 4 3	4 0	3 8	3 6	2 2	2 2	2 4	8	8 0	8	8	8	4		6									
04	0 1	9 9 2 2	4 0	4 0	3 9	3 1	2 6	4 0	8	6 0	6	8	8	7		7									
04	0 4	9 8 4 0	4 2	4 2	4 2	3 1	2 6	1 6	8	6 3	6	8	8	7		7									
04	0 7	9 7 7 8	4 2	4 1	4 0	3 0	3 5	0 8	8	6 5	6	8	8	7		7									
04	1 0	9 7 4 3	4 0	3 9	3 7	2 7	2 4	2 4	8	8 0	8	8	8	7		7									
04	1 3	9 7 1 7	3 9	3 9	3 8	2 6	2 2	2 4	8	6 3	6	8	8	7		7									
04	1 6	9 8 0 1	3 5	3 3	5 0	1 9	2 6	0 8	8	8 6	7	8	8	7		7									
04	1 9	9 8 4 2	3 1	3 1	2 9	2 0	1 3	1 6	7	7 2	7	5	5	4		7									
04	2 2	9 8 6 0	3 1	2 9	2 4	2 4	2 0	6 4	7	2 6	7	6	5	4		7									
05	0 1	9 8 7 8	3 0	2 8	2 5	1 7	1 8	2 4	8	8 6	7	8	8	7		7									
05	0 4	9 9 0 4	2 6	2 6	2 6	2 0	2 2	0 8	8	8 6	7	8	8	7		7									
05	0 7	9 9 4 4	3 3	3 2	2 9	1 7	3 9	4 0	7	2 6	7	7	5	4		7									
05	1 0	0 0 1 7	3 6	3 3	2 8	1 6	3 6	8 0	7	2 6	7	7	5	3		7									
05	1 3	0 0 7 1	3 4	3 3	3 1	2 5	2 2	4 0	7	8 3	5	6	5	4		7									
05	1 6	0 1 0 1	5 4	5 1	2 5	1 8	1 7	8 0	7	2 6	7	7	5	4		7									
05	1 9	0 1 2 9	5 3	5 0	2 4	1 8	0 9	4 8	8	8 5	7	8	5	4		7									
05	2 2	0 1 3 3	5 5	5 2	2 5	2 6	2 1	6 4	8	0 5	7	8	2	4		7									
06	0 1	0 1 1 5	3 6	3 4	3 0	2 6	2 6	2 6	8 0	8 0	5	2	8	4		7									
06	0 4	0 0 8 8	3 7	3 7	3 6	2 8	3 0	6 4	8	2 4	6	8	7	4	2	7									
06	0 7	0 0 8 2	4 1	4 1	4 1	2 7	2 5	3 2	8	1 0	6	8	7	1		7									
06	1 0	0 0 9 6	4 5	4 2	4 1	2 7	2 6	8 0	8	0 5	2	7	8	3		7									
06	1 3	0 1 1 5	4 3	4 2	4 1	2 8	2 8	4 8	8	0 5	2	8	7	3		7									
06	1 6	0 1 4 4	4 2	4 2	4 1	2 3	1 8	3 2	8	1 4	2	8	7	3		7									
06	1 9	0 1 7 5	4 1	4 1	4 0	2 6	2 6	1 7	2 4	8	1 4	2	8	7	3		7								
06	2 2	0 1 9 6	4 1	4 1	4 0	2 6	1 2	3 2	8	0 5	2	8	7	2		7									
07	0 1	0 2 1 4	4 2	4 2	4 1	2 6	1 2	3 2	8	0 5	2	8	7	3		7									
07	0 4	0 2 2 1	4 2	4 2	4 2	2 6	1 7	0 8	8	4 6	4	8	6	2		7									
07	0 7	0 2 3 2	4 1	4 1	4 1	3 0	1 2	2 4	8	1 0	4	8	6	2		7									
07	1 0	0 2 3 5	4 2	4 2	4 1	2 9	1 9	4 8	8	0 5	2	8	6	2		7									
07	1 3	0 2 2 4	4 2	4 2	4 1	2 9	1 9	5 6	8	0 5	2	8	7	3		7									
07	1 6	0 2 1 9	4 2	4 1	4 0	3 0	2 1	8 0	8	0 5	2	8	6	2		7									
07	1 9	0 2 0 2	4 2	4 1	4 0	3 1	2 1	8 1	8	0 2	2	8	6	2		7									
07	2 2	0 2 0 0	4 2	4 2	4 1	3 1	2 2	8 0	7	0 5	2	8	6	4	7	0	0	0	4 3	4 0	0 0 0 2	5 4 6	3 1	3 2	
08	0 1	0 1 8 5	4 2	4 2	4 1	3 2	2 4	8 0	8	9 4	7	4	9	5	2	8									
08	0 4	0 1 6 0	4 2	4 2	4 1	3 2	2 2	8 1	8	0 1	1	1	3	4	4	4	0	0	7	0	0				
08	0 7	0 1 4 5	4 3	4 2	4 1	3 1	0 9	0 8	8	6 3	6	8	7	2		8									
08	1 0	0 1 2 9	4 5	4 2	4 1	3 2	2 2	8 0	8	0 5	2	8	1	6	3	7	7	6							
08	1 3	0 1 0 5	4 5	4 2	4 1	3 2	2 0	6 4	8	0 5	2	8</td													

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF APRIL 1950

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	CLOUD DIRECTION	HIGH CLOUD TYPE	HEIGHT	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE	
								*x10	Kts.																
11	0 1	9 7 5 1	3 9	3 7	5 3	3 2	2 0	8 0	3	0 5	2	3	8	4	0	0	7	0	0	6	6	6	6	6	6
11	0 4	9 7 7 3	3 8	3 7	5 5	2 7	1 1	4 8	8	6	0 5	2	8	4	3	1	6	6	6	6	6	6	6	6	6
11	0 7	9 8 1 4	3 7	3 7	5 6	2 6	1 7	8 1	6	2 5	8	5	8	4	1	6	6	6	6	6	6	6	6	6	6
11	1 0	9 8 5 0	4 0	3 8	5 6	2 6	2 2	1 6	8	5 1	2	8	8	3	1	6	6	6	6	6	6	6	6	6	6
11	1 3	9 8 9 8	4 0	3 9	5 7	2 7	2 3	1 6	8	5 0	5	8	8	3	1	6	6	6	6	6	6	6	6	6	6
11	1 6	9 9 3 7	3 8	3 7	5 5	2 7	2 1	4 0	8	5 0	5	8	8	3	1	6	6	6	6	6	6	6	6	6	6
11	1 9	9 9 8 0	3 9	3 7	5 4	2 7	1 8	8 0	8	0 5	2	8	8	3	6	6	6	6	6	6	6	6	6	6	6
11	2 2	0 0 1 5	3 9	3 7	5 4	2 7	1 9	8 0	8	0 5	2	8	8	3	6	6	6	6	6	6	6	6	6	6	6
12	0 1	0 0 3 9	3 7	3 6	5 5	2 6	2 2	8 1	7	0 5	2	7	8	3	6	6	6	6	6	6	6	6	6	6	6
12	0 4	0 0 6 2	3 7	3 5	5 2	2 7	0 5	8 0	8	0 5	2	8	8	3	6	6	6	6	6	6	6	6	6	6	6
12	0 7	0 0 8 4	3 7	3 5	5 3	2 2	2 3	0 8	8	0 2	2	7	8	3	6	6	6	6	6	6	6	6	6	6	6
12	1 0	0 0 9 3	3 7	3 5	5 2	2 7	1 5	4 0	8	8 0	5	6	8	3	6	6	6	6	6	6	6	6	6	6	6
12	1 3	0 0 9 2	3 8	3 6	5 2	2 7	1 2	8 0	8	0 2	2	7	8	4	7	6	6	6	6	6	6	6	6	6	6
12	1 6	0 0 9 2	3 8	3 6	5 0	2 6	1 1	8 0	8	0 2	2	8	8	4	7	6	6	6	6	6	6	6	6	6	6
12	1 9	0 0 7 3	3 8	3 6	5 1	2 6	1 4	8 0	7	0 2	2	7	5	4	6	6	6	6	6	6	6	6	6	6	6
12	2 2	0 0 7 0	3 9	3 8	5 1	2 9	0 9	4 0	8	8 1	8	8	8	3	6	6	6	6	6	6	6	6	6	6	6
13	0 1	0 0 6 6	4 0	3 9	5 9	3 1	0 9	1 6	8	5 0	2	8	6	2	6	6	6	6	6	6	6	6	6	6	6
13	0 4	0 0 0 6	4 0	4 0	3 3	1 0	0 3	8	1 0	2	8	6	2	6	6	6	6	6	6	6	6	6	6	6	6
13	0 7	9 9 9 6	4 0	4 0	3 0	3 0	0 3	0 4	8	4 5	4	8	6	1	6	6	6	6	6	6	6	6	6	6	6
13	1 0	9 9 9 5	4 1	4 1	4 1	3 0	0 9	0 8	8	1 0	4	8	6	0	6	6	6	6	6	6	6	6	6	6	6
13	1 3	9 9 9 0	4 2	4 1	4 1	2 6	0 7	0 9	8	1 0	4	8	6	1	6	6	6	6	6	6	6	6	6	6	6
13	1 6	9 9 5 6	4 1	4 1	4 1	2 6	1 3	0 2	8	5 1	4	8	6	1	6	6	6	6	6	6	6	6	6	6	6
13	1 9	9 9 8 4	4 0	4 0	4 0	2 7	1 9	0 8	8	6 1	4	8	6	2	6	6	6	6	6	6	6	6	6	6	6
13	2 2	9 9 9 6	4 0	3 9	5 8	2 7	2 8	0 4	8	5 1	6	8	6	2	6	6	6	6	6	6	6	6	6	6	6
14	0 1	0 0 0 2	5 9	3 9	5 5	2 6	1 9	8 0	6	0 1	2	6	5	4	0	6	6	6	6	6	6	6	6	6	6
14	0 4	0 0 1 9	4 0	3 9	5 8	2 8	1 5	4 0	8	5 0	2	8	6	3	4	0	6	6	6	6	6	6	6	6	6
14	0 7	0 0 4 2	3 9	3 7	5 2	2 7	2 2	6 4	8	0 2	5	8	6	4	0	6	6	6	6	6	6	6	6	6	6
14	1 0	0 0 4 4	4 0	3 8	5 4	2 7	1 8	8 1	3 0 1	1	3	5	5	1	0	6	6	6	6	6	6	6	6	6	6
14	1 3	0 0 2 7	4 0	3 9	5 8	2 9	2 2	8 1	8	0 3	8	7	5	5	3	0	5	9	7	7	6	6	6	6	6
14	1 6	9 9 8 9	4 1	3 9	5 6	3 1	2 6	2 4	8	5 1	5	8	6	2	6	6	6	6	6	6	6	6	6	6	6
14	1 9	9 9 5 7	4 2	4 2	4 1	3 0	2 8	0 8	8	5 1	5	8	6	2	6	6	6	6	6	6	6	6	6	6	6
14	2 2	9 9 4 1	4 2	4 2	4 2	2 9	2 3	0 6	8	5 1	5	8	6	2	6	6	6	6	6	6	6	6	6	6	6
15	0 1	9 9 0 4	4 2	4 1	4 0	3 0	1 9	0 6	8	5 1	5	8	6	2	6	6	6	6	6	6	6	6	6	6	6
15	0 4	9 8 5 4	4 1	4 1	4 1	2 9	2 3	0 7	8	5 3	6	8	0	4	2	6	6	6	6	6	6	6	6	6	6
15	0 7	9 8 5 2	3 9	3 6	5 1	2 8	2 6	8 1	3 0 1	2	1	5	4	0	6	6	6	6	6	6	6	6	6	6	6
15	1 0	9 8 5 7	3 7	3 6	5 4	2 6	2 6	4 0	8	5 2	5	8	4	8	5	4	2	8	5	5	5	5	5	5	5
15	1 3	9 8 5 5	3 7	3 5	5 1	2 7	2 4	8 1	3	2	5	8	2	8	4	1	0	5	5	5	5	5	5	5	5
15	1 6	9 8 4 4	3 9	3 6	5 1	2 7	2 2	8 1	5	2	5	8	5	8	4	0	0	4	4	0	6	6	6	6	6
15	1 9	9 8 5 8	3 8	3 4	5 2	2 7	2 4	8 1	4	2	5	8	4	8	4	0	0	5	5	5	5	5	5	5	5
15	2 2	9 9 5 3	3 8	3 5	5 1	2 7	3 5	8 0	8	0 3	2	8	5	5	5	4	2	8	5	5	5	5	5	5	5
16	0 1	9 9 4 3	3 7	3 5	5 1	2 7	2 3	8 0	5	0 2	1	5	8	4	0	0	6	6	6	6	6	6	6	6	6
16	0 4	9 9 4 3	3 6	3 5	5 3	2 7	2 6	4 0	8	8 0	8	8	8	8	4	1	0	5	6	6	6	6	6	6	6
16	0 7	9 9 3 6	3 8	3 6	5 2	2 6	2 8	4 0	8	8 0	8	8	8	8	4	1	0	5	6	6	6	6	6	6	6
16	1 0	9 9 2 9	3 9	3 8	5 4	2 7	2 8	4 0	8	8 0	8	8	8	8	4	2	6	6	6	6	6	6	6	6	6
16	1 3	9 9 1 9	3 9	3 8	5 6	2 7	2 6	6 4	8	2 5	8	8	8	8	4	2	6	6	6	6	6	6	6	6	6
16	1 6	9 9 1 8	3 8	3 7	5 5	2 4	1 6	8 0	7	2 5	8	8	8	8	4	2	6	6	6	6	6	6	6	6	6
16	1 9	9 9 3 0	3 9	3 9	5 7	2 7	1 1	1 0	8 0	0 2	8	8	8	8	4	2	6	6	6	6	6	6	6	6	6
16	2 2	9 9 2 0	3 8	3 8	5 8	2 9	0 9	0 2	8	5 3	5	8	8	8	4	2	6	6	6	6	6	6	6	6	6
17	0 1	9 9 1 4	4 1	4 1	4 1	2 7	2 3	8 0	8	0 2	5	8	8	8	4	2	6	6	6	6	6	6	6	6	6
17	0 4	9 9 1 1	4 1	4 1	4 1	2 8	1 4	4 0	8	0 2	2	8	8	8	4	2	6	6	6	6	6	6	6	6	6
17	0 7	9 8 9 8	4 2	4 1	4 0	2 7	2 1	2 4	8	5 1	5	8	6	3	2	6	6	6	6	6	6	6	6	6	6
17	1 0	9 8 7 6	4 1	4 1	4 0	3 2	2 1	0 8	8	5 3	5	8	6	3	2	6	6	6	6	6	6	6	6	6	6
17	1 3	9 8 4 7	4 2	4 2	4 2	3 0	2 1	1 6	8	5 0	5	8	6	4	2	6	6	6	6	6	6	6	6	6	6
17	1 6	9 8 4 9	4 2	4 2	4 2	2 9	2 1	0 8	8	2 5	5</														

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF**

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF APRIL 1950																							
DAY	HOUR	STATION LEVEL PRESSURE		WIND		VISIBILITY	LOW CLOUD			CLOUD DIRECTION			MAXIMUM GUST										
		DRY BULB	WET BULB	DEW POINT	DIRECTION		TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	TYPE	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER				
LST.	Mts.	"F	"F	"F	"x10	Kts.	VV	Oktas	Ww	W	Oktas	C _L	h	C _M	C _H	C _L	C _M	C _H	Points	Miles	"x10	Kts.	Hours
21	0 1	0 2 0 3	4 3	4 3	4 3	3 1	2 2	4 0	8	0 2	2	8	6	2	9								
21	0 4	0 2 0 2	4 3	4 3	4 3	2 1	2 4	8	6 0	5 8	6	2	9										
21	0 7	0 1 9 5	4 5	4 2	4 2	3 2	2 0	5 2	8	5 2	5 8	5	5	5	7								
21	1 0	0 1 8 4	4 3	4 3	4 5	3 2	2 6	2 4	8	6 1	6	7	7	3	7								
21	1 3	0 1 5 1	4 3	4 3	4 3	3 2	2 6	0 4	8	5 3	5 8	6	2	6	6								
21	1 6	0 1 0 4	4 3	4 3	4 3	3 2	3 1	0 8	8	2 0	5 8	6	3	3	7								
21	1 9	0 0 7 5	4 4	4 3	4 3	3 2	3 2	0 8	8	5 0	5 8	6	2	7	7								
21	2 2	0 0 6 5	4 4	4 3	4 3	3 2	3 0	0 8	8	0 2	5 8	5	4	7	7								
21	0 0 6 0	4 2	4 1	4 0	3 0	3 0	1 6	8	0 2	2 8	5 5	5	5	9	9								
22	0 4	0 0 7 2	4 1	4 0	3 9	2 9	2 4	6 4	8	0 2	2 8	5 5	5	5	7								
22	0 7	0 0 9 9	3 9	3 7	3 5	2 7	2 0	8 1	8	0 2	2 7	8 4	4	1	7								
22	1 0	0 1 3 3	3 9	3 7	3 3	2 6	2 0	8 1	6	2 5	6	5	8	4	1	8							
22	1 3	0 1 5 6	5 9	5 3	5 1	2 5	1 4	8 1	7	0 2	2 7	8 8	5	0	0	5							
22	1 6	0 1 6 7	3 7	3 5	3 1	2 6	1 4	8 1	6	0 2	2 6	8 5	0	0	5	6							
22	1 9	0 0 8 9	3 7	3 6	3 4	2 7	1 4	8 1	2	0 1	1 2	8 0	5	0	0	5							
22	2 2	0 2 0 5	3 7	3 6	3 4	2 5	1 4	8 1	2	0 2	0 2	8 2	5	5	5	5							
23	0 1	0 1 9 6	3 7	3 5	3 1	2 7	0 9	8 1	1	0 2	0 1	8 1	5	5	6	6							
23	0 4	0 2 3 6	3 8	3 6	3 2	2 6	1 3	8 1	5	0 2	0 5	8 5	6	6	6	6							
23	0 7	0 2 5 5	3 8	3 7	3 5	2 7	0 9	8 1	5	0 2	0 5	8 5	6	6	6	6							
23	1 0	0 2 6 0	4 0	3 8	3 5	2 9	1 3	8 2	5	0 1	1 4	8 5	6	6	6	6							
23	1 3	0 2 5 1	4 1	3 9	3 7	3 2	1 7	8 2	7	0 3	1 7	8 5	6	6	6	6							
23	1 6	0 2 4 6	4 0	3 8	3 6	3 1	2 0	8 2	7	0 5	2 7	8 5	4	4	6	6							
23	1 9	0 2 5 1	4 0	3 8	3 5	3 1	2 6	8 1	7	0 3	2 7	8 5	5	5	7	7							
23	2 2	0 2 1 7	4 1	3 8	3 3	3 2	3 0	8 1	8	0 3	2 8	8 5	5	5	7	7							
24	0 1	0 2 0 6	4 1	4 0	3 9	3 1	2 7	8 0	8	0 2	2 8	8 5	6	6	9	9							
24	0 4	0 1 9 3	4 2	4 0	3 7	3 2	2 5	8 0	8	0 2	2 8	8 5	6	6	9	9							
24	0 7	0 1 6 5	4 2	4 1	4 0	3 2	2 5	8 0	8	0 2	2 8	8 7	3	3	7	7							
24	1 0	0 1 7 2	4 2	4 2	4 1	3 3	2 4	0 8	8	5 1	5 8	6	2	7	7								
24	1 3	0 1 4 0	4 2	4 2	4 1	3 3	2 9	1 2	8	1 6	5 8	6	2	7	7								
24	1 6	0 1 1 7	4 2	4 1	4 0	3 3	2 7	0 4	8	5 1	5 8	6	1	7	7								
24	1 9	0 1 1 3	4 2	4 2	4 2	3 5	2 6	0 2	8	5 8	5 8	6	1	7	7								
24	2 2	0 1 1 5	4 2	4 1	4 1	3 1	0 9	0 2	8	6 1	6 8	6	4	7	7								
25	0 1	0 1 1 9	3 9	3 9	3 9	1 7	1 8	0 4	8	6 1	6 8	6	5	3	9								
25	0 4	0 1 3 5	3 8	3 7	3 5	1 5	2 7	0 8	8	0 2	2 8	8 5	6	3	9								
25	0 7	0 1 5 8	5 7	5 6	5 4	1 5	2 6	8 1	8	0 2	2 8	8 5	4	3	3								
25	1 0	0 1 6 4	3 8	3 6	3 5	1 4	2 0	8 1	8	0 2	2 8	8 5	4	3	3								
25	1 3	0 1 5 5	5 8	5 7	5 5	1 3	1 9	8 1	8	0 2	2 8	8 5	4	3	3								
25	1 6	0 1 3 5	3 8	3 7	3 5	1 2	1 6	8 1	8	0 2	2 8	8 5	4	3	3								
25	1 9	0 1 3 1	5 6	5 6	5 6	0 3	0 1	0 2	7	4 4	4 4	7	6	2	0	0	9	9					
25	2 2	0 0 9 8	5 7	5 7	5 6	3 2	2 2	0 8	8	1 0	4 4	8	6	3	7								
26	0 1	0 0 8 0	4 0	4 0	3 9	3 5	1 7	0 8	8	5 1	5 8	8	3	3	7								
26	0 4	0 0 4 7	4 3	4 2	4 2	3 3	2 8	0 6	8	5 1	5 8	8	2	2	7								
26	0 7	0 0 3 3	4 3	4 2	4 2	3 3	2 7	0 8	8	5 0	5 8	8	1	1	7								
26	1 0	0 0 1 2	4 3	4 3	4 3	3 3	3 3	3 0	8 0	8	2 0	5 5	5	7	2								
26	1 3	0 0 0 6	4 4	4 3	4 3	3 3	3 3	3 0	8 0	8	5 1	5 8	8	6	2	7							
26	1 6	0 0 2 3	4 0	4 0	3 9	1 9	0 5	4 0	8	2 0	5 5	3	6	3	2								
26	1 9	0 0 7 7	5 9	5 7	5 3	2 7	1 0	8 1	6	0 5	2 2	8 5	5	7	0	5							
26	2 2	0 1 1 0	5 9	5 6	5 2	2 5	0 2	8 1	1	0 1	1 1	8 5	5	0	5								
27	0 1	0 1 3 7	5 8	5 8	5 3	2 6	1 0	8 1	1	0 1	1 1	8 5	5	0	5								
27	0 4	0 1 7 6	3 8	3 8	3 5	3 0	2 7	1 0	8 1	1	0 2	1 1	8 5	5	0	5							
27	0 7	0 1 9 4	5 6	5 1	5 1	3 0	1 2	8 1	2	0 2	1 1	8 5	5	0	5								
27	1 0	0 2 0 4	4 1	3 9	3 6	3 2	1 5	8 1	7	0 3	1 7	8 5	5	0	7								
27	1 3	0 1 9 7	4 2	4 0	3 9	3 3	1 9	8 1	7	0 1	1 1	8 5	5	1	6	7							
27	1 6	0 1 8 2	4 1	4 0	3 9	3 3	2 1	8 1	8	0 3	2 7	8 5	5	1	7	7							
27	1 9	0 1 7 4	4 1	4 1	4 1	3 9	3 3	2 3	8 1	8	0 2	2 0	8 0	9	1	0							
27	2 2	0 1 5 6	4 2	4 1	4 0	3 3	3 3	3 1	8 1	7	0 2	2 0	8 0	9	1	0							
28	0 1	0 1 5 6	4 2	4 1	4 0	3 2	2 9	8 1	5	0 2	2 0	8 0	9	1	6								
28	0 4	0 1 3 6	4 2	4 1	3 2	3 2	3 1	8 1	4	0 2	2 0	8 5	5	8	6	2							
28	0 7	0 1 0 7	4 3	4 2	4 2	3 2	3 1	1 2	8 1	4	0 2	2 0	8 5	6	2	7							
28	1 0	0 1 1 0	4 4	4 4	4 3	3 2	3 2	3 4	1 2	8 1	4	0 2	2 0	8 6	3	3							
28	1 3	0 1 1 2	4 4	4 4	4 3	3 2	3 0	0 8	8	1 0	4 4	8	6	0	7								
28	1 6	0 1 3 2	4 4	4 4	4 3	3 2	3 0	0 4	8	5 1	5 8	8	6	1	7								
28	1 9	0 1 5 9	4 4	4 4	4 3	3 1	2 6	0 4	8	5 1	5 8	8	6	2	7								
28	2 2	0 1 8 2	4 3	4 3	4 3	3 1	1 8	0 4	8	5 1	5 8	8	6	2	7								
29	0 1	0 2 0 7	4 3	4 2	4 2	3 1	1 4	0 2	9	4 5	4 9	9	0	0	9								
29	0 4	0 2 1 8	4 2	4 2	4 2	3 1	1 2	0 4	9	5 3	5 8	8	6	2	7								
29	0 7	0 2 2 0	4 2	4 2	4 2	3 1	1 7	0 1	9	4 5	4 9	9	0	0	9								
29	1 0	0 2 2 0	4 2	4 2	4 1	5 0	1 7	0 1	9	4 5	4 9	9	0	0	9								
29	1 3	0 2 1 3	4 2	4 2	4 1	3 1	1 5	1 0	9	4 3	4 9	9	0	0	9								
29	1 6	0 2 1 5	4 1	4 1	4 1	3 0	1 0	0 0	9	4 7	4 9	9	0	0	9								
29	1 9	0 2 0 5	4 1	4 1	4 1	3 0	1 2	0 0	9														

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF MAY 1950

DAY	HOUR	STATION ELEV. PRESSURE		WET BULB	DEW POINT	WIND DIRECTION	WIND SPEED	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER		PAST WEATHER		LOW CLOUD TYPE	MIDDLE CLOUD TYPE	HIGH CLOUD TYPE	CLOUD DIRECTION		MAXIMUM TEMPERATURE		MINIMUM TEMPERATURE		PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE	
		LST.	Mbs.							WW	W	Oktas	CL	H	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours		
01	0 1	00 1 5	4 0	3 9	3 8	2 8	1 1	8 0	8	0 2	2	8	5	8														
01	0 4	00 1 5	4 0	3 8	3 5	2 8	1 2	8 0	8	0 2	2	2	8	5	8													
01	0 7	00 1 4	4 1	3 9	3 6	2 9	2 0	8 1	7	0 2	2	2	7	5	6													
01	1 0	00 0 1	4 2	4 1	4 0	3 1	2 5	8 1	8	0 3	2	2	8	5	5													
01	1 3	9 9 6 9	4 2	4 1	4 0	3 2	3 0	0 5	8	5 5	3	5	8	6	0													
01	1 9	9 9 4 9	4 3	4 2	4 1	3 3	2 6	0 5	8	5 5	3	5	8	6	0													
01	2 2	9 9 4 5	4 3	4 3	4 2	3 2	2 7	0 8	8	6 1	5	6	8	6	0													
02	0 1	9 9 5 5	4 4	4 3	4 3	3 2	2 8	0 8	8	6 1	6	6	8	6	0													
02	0 4	9 9 6 1	4 4	4 3	4 5	3 2	2 6	0 6	8	6 1	6	6	8	6	0													
02	0 7	9 9 6 7	4 4	4 3	4 2	3 3	2 9	3 2	8	5 8	6	6	8	6	3													
02	1 0	9 9 6 6	4 4	4 3	4 5	3 2	3 1	3 2	8	6 1	6	6	8	6	3													
02	1 3	9 9 7 0	4 4	4 3	4 3	3 2	2 6	0 6	8	6 1	6	6	8	7	1													
02	1 6	9 9 9 3	4 5	4 3	4 2	3 2	2 6	0 5	8	5 3	3	5	8	6	0													
02	1 9	0 0 0 8	4 2	4 1	4 0	3 1	1 8	4 0	7	0 3	2	3	5	7	2													
02	2 2	0 0 1 3	4 2	4 1	4 0	3 3	2 0	4 0	8	0 2	2	2	8	5	7													
03	0 1	0 0 1 5	4 2	4 1	4 1	3 0	2 3	0 2	8	5 0	2	2	8	6	0													
03	0 4	0 0 0 3	4 2	4 1	4 0	3 3	1 8	4 0	8	5 0	5	5	8	6	2													
03	0 7	9 9 8 4	4 2	4 1	4 1	3 3	1 5	3 2	8	6 1	6	6	8	7	3													
03	1 0	9 9 6 4	4 3	4 3	4 3	3 2	2 6	4 0	8	2 1	6	6	8	7	3													
03	1 3	9 9 6 4	4 2	4 1	4 0	3 2	1 4	4 8	8	5 0	2	2	5	7	3													
03	1 6	9 9 4 8	4 2	4 2	4 1	3 2	2 1	4 8	8	2 0	5	5	7	5	3													
03	1 9	9 9 6 2	4 2	4 1	3 6	3 0	2 9	8 0	5	2 5	8	8	5	8	4													
03	2 2	9 9 9 1	4 0	3 8	3 4	2 9	1 7	8 1	3	0 1	1	0	0	0	9													
04	0 1	9 9 8 5	4 0	3 9	3 5	3 2	1 2	8 2	8	0 2	1	0	0	0	9													
04	0 4	9 9 4 9	4 1	4 0	3 9	3 0	1 1	1 5	8 0	8	5 0	0	0	0	9													
04	0 7	9 8 7 5	4 3	4 3	4 3	3 5	2 3	0 8	8	5 9	5	5	8	6	2													
04	1 0	9 8 0 8	4 4	4 3	4 2	3 4	2 9	0 8	8	6 3	5	5	8	6	2													
04	1 3	9 7 6 1	4 3	4 2	4 1	3 2	1 4	4 8	8	5 0	2	2	5	7	3													
04	1 6	9 7 1 5	4 1	3 9	3 6	3 3	1 0	4 8	7	2 5	8	8	5	8	4													
04	1 9	9 6 9 0	3 8	3 7	3 6	2 7	2 6	8 0	7	2 5	7	4	5	6	3													
05	0 1	9 9 2 3	3 4	3 5	3 1	2 8	3 1	3 2	8	1 8	2	8	8	5	5													
05	0 4	0 0 0 2	3 2	3 1	3 0	2 8	3 0	6 4	6	8 5	6	6	8	6	4													
05	0 7	0 0 5 5	3 1	3 1	3 1	2 6	1 7	8 0	7	3 2	2	7	3	8	4													
05	1 0	0 0 9 8	2 9	2 7	2 3	2 7	3 7	0 8	7	2 5	6	6	5	6	3													
05	1 3	0 1 2 3	3 5	3 1	2 4	2 7	2 3	8 1	7	3 0	1	7	3	8	4													
05	1 6	0 1 4 7	3 5	3 1	2 5	2 7	2 5	8 1	6	2 6	7	7	5	6	4													
05	1 9	0 1 6 5	3 7	3 4	2 8	2 8	1 6	8 1	7	0 1	1	7	4	5	4													
05	2 2	0 1 5 8	3 8	3 7	3 4	3 2	1 7	8 1	8	0 2	2	7	5	5	4													
06	0 1	0 1 4 6	3 9	3 8	3 5	3 2	2 2	6 4	8	5 0	5	5	8	6	4													
06	0 4	0 1 3 0	4 0	3 9	3 9	3 3	2 1	6 4	8	5 1	5	5	8	6	4													
06	0 7	0 0 8 9	4 1	4 0	4 0	3 4	2 2	4 0	8	6 1	6	6	8	6	3													
06	1 0	0 0 5 1	4 2	4 1	4 0	3 4	2 2	4 0	8	6 3	6	6	8	6	3													
06	1 3	9 9 6 6	4 3	4 2	4 1	3 4	3 2	4 0	8	6 3	6	6	8	6	3													
06	1 6	9 8 8 9	4 3	4 3	4 3	3 3	4 4	0 8	8	6 3	6	6	8	6	2													
06	1 9	9 9 2 8	4 2	4 2	4 1	4 0	2 9	3 0	0 8	8	5 0	5	5	8	6	4												
06	2 2	9 9 7 4	4 0	3 8	3 5	2 8	2 6	8 0	8	0 2	2	2	5	5	4													
07	0 1	9 9 9 0	4 1	4 0	3 6	3 0	2 6	8 0	7	0 2	2	2	4	5	4													
07	0 4	0 0 0 2	4 1	4 0	3 9	3 0	2 4	8 0	7	0 2	2	2	4	5	5													
07	0 7	9 9 8 6 2	4 0	3 9	3 9	3 0	2 7	8 0	7	0 2	2	2	4	5	5													
07	1 0	9 9 7 1	4 0	4 0	4 0	3 9	3 2	2 6	1 6	8	5 0	5	5	8	6	3												
07	1 3	9 9 4 0	4 1	4 0	3 8	2 9	2 5	5 5	4 0	8	5 0	5	5	8	6	3												
07	1 6	9 9 9 3	3 8	3 7	3 5	2 7	3 1	8 1	6	2 5	5	5	8	6	3													
07	1 9	0 0 3 4	3 6	3 5	3 4	2 7	3 0	8 0	7	0 2	2	2	4	5	5													
07	2 2	0 0 6 8	3 7	3 4	2 8	2 7	3 0	8 0	7	0 2	2	2	4	5	5													
08	0 1	0 0 7 3	3 9	3 8	3 0	2 8	2 6	6 4	8	0 2	2	2	4	5	5													
08	0 4	0 0 5 1	4 0	4 0	3 9	3 2	2 9	0 7	8	6 3	6	6	8	6	3		</											

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF																		MACQUARIE ISLAND MAY 1950											
DAY	HOUR	STATION LEVEL PRESSURE			WIND			VISIBILITY	TOTAL CLOUD	PRESENT WEATHER			LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE				
		Dry Bulb	Wet Bulb	Dew Point	Direction	Speed	VV			WW	W	Oktas	C _L	h	Middle	Cloud	Low	Middle	High			Points	Miles	*x10	Kts.				
11	0 1	0 0 9 4	4 0	4 0	4 0	2 8	2 2	3 2	8	5 0	5	8	6	3															
11	0 4	0 0 9 3	4 1	4 1	4 0	2 8	1 9	4 0	6	0 1	2	6	5	3	0	0	6	6	6										
11	0 7	0 1 0 5	4 0	4 0	4 0	2 7	1 8	8 0	8	0 2	2	7	5	3	2	0	6	6	6										
11	1 0	0 1 1 7	4 1	4 0	3 9	2 7	1 8	4 0	8	5 0	5	8	5	4	7	9	6	6	6										
11	1 3	0 1 1 8	4 0	4 0	3 9	2 7	2 4	8 0	7	2 5	8	5	8	4	7	9	6	6	6										
11	1 6	0 1 2 1	4 0	3 8	3 5	2 5	2 4	8 0	8	0 2	8	7	6	5	2	2	6	6	6										
11	1 9	0 1 3 2	5 9	3 8	3 6	2 6	1 6	4 0	7	5 0	5	7	8	4	7	5	5	9		4 1	3 9	0 0 0 4	3 5 2	2 6	3 6	0 0 3			
11	2 2	0 1 5 1	3 8	3 8	3 7	2 7	1 0	6 4	6	2 0	5	6	8	4	6	6	6	9											
12	0 1	0 1 5 0	3 8	3 7	3 6	2 7	1 1	6 4	5	5 0	5	5	4	0	0	0	6	9											
12	0 4	0 1 5 2	3 8	3 7	3 7	2 8	1 0	6 4	5	0 2	2	4	5	4	7	0	0	6											
12	0 7	0 1 5 0	3 9	3 8	3 6	3 0	1 2	8 0	8	1 5	2	4	8	4	7	9	7	9											
12	1 0	0 1 4 9	4 0	3 9	3 8	3 1	1 7	8 0	8	0 2	2	1	8	4	7	9	7	9											
12	1 3	0 1 3 0	4 1	4 0	3 9	3 2	2 1	8 0	8	0 3	2	6	5	4	7	7	7	7											
12	1 6	0 1 1 8	4 1	4 0	4 0	3 2	2 2	8 0	8	0 2	2	1	5	3	7	7	9												
12	1 9	0 1 1 8	4 1	4 1	4 0	3 2	2 4	4 0	8	1 5	2	8	6	3	7				4 2	3 7	0 0 0 2	5 3 3	3 2	3 0	0 0 0				
12	2 2	0 1 1 8	4 1	4 1	4 0	3 1	2 2	1 6	8	1 2	4	8	6	3	7														
13	0 1	0 1 1 3	4 1	4 1	4 0	3 1	2 3	2 4	8	1 0	2	8	6	2	7														
13	0 4	0 1 0 4	4 1	4 1	4 0	3 2	2 3	2 6	8	5 0	5	8	6	2	7														
13	0 7	0 1 0 7	4 1	4 1	4 1	2 6	1 6	8 0	8	5 0	5	8	6	3	7														
13	1 0	0 1 1 7	4 1	4 1	4 1	2 8	1 6	8 0	8	5 0	5	8	6	3	7														
13	1 3	0 1 1 6	4 2	4 1	4 1	3 2	1 8	0 6	8	5 1	5	8	6	1	7														
13	1 6	0 1 2 5	4 1	4 1	4 1	3 2	1 7	0 2	9	4 5	4	9	0	0	9														
13	1 9	0 1 3 5	4 1	4 1	4 0	3 1	1 0	0 0	9	4 7	4	9	0	0	9														
13	2 2	0 1 4 2	4 1	4 1	4 0	2 9	0 9	0 0	9	4 5	4	9	0	0	9														
14	0 1	0 1 3 0	4 0	4 0	4 0	3 2	1 7	4 8	8	2 8	4	6	7	2	2	7	9		4 2	4 0	0 0 0 1	3 9 0	3 2	3 2	0 0 0				
14	0 4	0 1 1 8	4 0	4 0	4 0	3 2	1 7	2 4	8	0 2	2	8	7	2	7	7	9												
14	0 7	0 1 0 2	4 0	4 0	3 9	3 3	1 8	0 3	8	4 0	2	8	6	1	7	7	9												
14	1 0	0 0 8 0	4 0	4 0	4 0	3 2	2 4	0 8	8	0 1	2	2	6	1	7	7	9												
14	1 3	0 0 5 9	4 1	4 1	4 0	3 2	2 7	0 8	8	1 5	2	8	6	2	7	7	9												
14	1 6	0 0 3 1	4 2	4 1	4 1	3 1	2 2	1 2	8 0	2 0	5	8	6	1	7														
14	1 9	0 0 0 9	4 2	4 2	4 1	3 2	2 3	0 8	8	5 0	5	8	6	1	7														
14	2 2	9 9 9 6	4 2	4 2	4 1	3 2	2 9	0 9	0 0	9	4 5	4	9	0	0	9			4 2	3 8	0 0 0 0	4 9 1	3 3	3 4	0 0 0				
15	0 1	0 1 3 0	4 0	4 0	4 0	3 2	1 7	4 8	8	2 8	4	6	5	7	2	2	7	9											
15	0 4	0 1 1 8	4 0	4 0	4 0	3 2	1 7	2 4	8	0 2	2	8	7	2	7	7	9												
15	0 7	9 9 7 8	3 7	3 7	3 6	2 2	1 6	2 2	1 6	8	5 1	5	8	6	2	7	7	9											
15	1 0	0 0 0 3	3 8	3 7	3 5	1 5	2 3	1 6	8	6 3	6	7	6	4	2	2	4	4	4										
15	1 3	0 0 1 4	3 8	3 7	3 4	1 7	2 2	8 1	8	1 5	8	6	8	4	4	4	7	7											
15	1 6	0 0 4 5	3 7	3 5	3 0	1 7	1 9	8 1	6	2 5	8	6	8	4	0	0	4	7											
15	1 9	0 0 7 7	3 6	3 5	3 3	1 6	2 8	8 0	8	5 1	5	8	6	1	7														
15	2 2	0 1 1 2	3 5	3 5	3 3	1 7	2 6	8 1	8	2 6	8	8	8	5	0	0	4	4	4		3 9	3 5	0 0 2 4	5 1 1	1 6	4 2	0 0 6		
16	0 1	0 1 3 7	3 5	3 5	3 0	1 7	2 2	8 0	9	4 5	4	9	0	0	4	4	4	4	4										
16	0 4	0 1 5 9	3 4	3 3	3 1	2 5	1 6	2 2	1 6	8	6 3	6	6	4	2	2	4	4	4										
16	0 7	0 1 8 4	3 5	3 3	3 1	1 7	2 2	8 0	8	0 3	2	8	8	5	0	0	4	4	4										
16	1 0	0 2 0 2	3 7	3 6	3 3	1 7	1 2	8 1	7	0 3	2	7	5	5	0	0	4	4	4										
16	1 3	0 2 0 7	3 6	3 5	3 3	1 7	1 2	8 1	5	2 6	8	5	8	5	0	0	4	4	4										
16	1 6	0 2 1 6	3 5	3 4	3 1	1 7	1 1	6 4	6	2 6	8	6	8	4	1	0	4	4	4										
16	1 9	0 2 3 0	3 6	3 5	3 3	2 1	0 7	4 0	7	5 0	5	7	5	3	0	0	4	4	4										
16	2 2	0 2 3 6	3 7	3 6	3 3	2 5	1 5	1 6	8	5 1	5	8	6	3	0	0	4	4	4										
17	0 1	0 2 4 3	3 6	3 5	3 4	2 2	0 7	8 0	1	0 2	0	1	5	5	0	0	4	4	4										
17	0 4	0 2 4 1	3 8	3 7	3 4	2 7	2 0	8 0	6	1 5	2	5	8	5	0	0	6	6	6										
17	0 7	0 2 3 5	3 9	3 8	3 6	2 9	2 2	8 0	7	8 0	2	7	8	4	0	0	6	6	6										
17	1 0	0 2 3 0	4 0	3 9	3 8	2 7	2 2	8 0	6	1 6	8	6	8	4	0	0	5	6	6										
17	1 3	0 2 3 0	4 1	4 0	3 9	2 5	1 8	2 3	1 6	8 0	2 8	4	5	5	3	0	0	5	5	6									

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF**

**MACQUARIE ISLAND
MAY 1950**

DAY	HOUR	STATION LEVEL PRESSURE	SURFACE OBSERVATIONS												MAXIMUM GUST	SUNSHINE										
			DRY BULB	WET BULB	DEW POINT	WIND DIRECTION	WIND SPEED * x10	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	CLOUD DIRECTION	LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER			
LST.	Mbs.	"F	"F	"F	* x10	Kts.	VV	Oktas	W	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	* x10	Kts.	Hours	
21	01	0201	41	40	39	21	16	16	8	18	5	8	6	5												
21	04	0199	40	40	39	24	19	24	8	20	5	8	6	5												
21	07	0200	59	38	38	22	10	32	8	50	5	8	6	5												
21	10	0196	39	38	56	22	20	64	7	16	5	7	8	3												
21	13	0174	40	38	55	26	22	80	3	15	1	3	8	4	0	0	0	0	0							
21	16	0158	38	38	37	26	23	40	7	80	8	7	8	4	0	0	0	0	0							
21	19	0146	39	38	37	26	24	64	3	01	8	2	6	3	3	4	0	0	5	5						
21	22	0130	40	40	27	17	40	8	01	5	8	6	5	5	5	5	5	5	5							
22	01	0122	41	40	40	26	19	48	8	02	8	2	6	6	5	5	6	6	6							
22	04	0110	40	39	39	28	19	32	8	02	2	8	6	5	5	5	6	6	6							
22	07	0109	38	38	37	27	19	16	8	02	5	7	6	5	5	5	6	6	6							
22	10	0104	38	38	38	28	18	16	1	51	5	7	7	6	5	5	6	6	6							
22	13	0088	39	37	36	29	24	80	7	02	7	5	7	5	4	0	0	0	0							
22	16	0084	38	36	37	30	26	64	8	54	8	5	4	4	4	4	6	6	6							
22	19	0064	40	39	39	31	18	40	8	50	5	8	5	4	4	4	7	7	7							
22	22	0049	40	40	39	32	23	40	8	02	5	8	5	4	4	4	7	7	7							
23	01	0039	41	40	40	32	23	32	8	02	2	8	5	4	4	4	7	7	7							
23	04	0015	41	41	40	33	24	80	8	02	2	8	5	4	4	4	7	7	7							
23	07	0002	41	41	40	34	16	80	8	02	2	8	5	4	4	4	7	7	7							
23	10	0972	42	41	41	01	13	80	6	05	2	4	6	2	2	2	7	7	7							
23	13	9962	42	42	41	01	10	81	7	05	2	4	5	5	5	5	6	6	6							
23	16	9940	41	41	40	10	04	64	8	50	2	6	6	2	2	2	7	7	7							
23	19	9920	41	40	40	15	17	04	8	58	5	8	6	1	1	1	3	3	3							
23	22	9916	40	40	39	16	16	64	7	25	5	5	6	2	2	2	7	7	7							
24	01	9923	40	40	39	16	03	64	8	02	2	4	5	5	5	5	6	6	6							
24	04	9925	40	40	39	16	03	64	8	02	2	4	5	5	5	5	6	6	6							
24	07	9931	40	40	39	16	09	00	9	47	9	9	0	0	0	0	3	3	3							
24	10	9934	40	40	39	16	08	02	9	43	4	4	9	9	0	0	3	3	3							
24	13	9938	40	40	40	15	08	08	8	51	4	8	6	1	1	1	4	4	4							
24	16	9946	40	39	39	23	07	08	7	20	5	7	6	1	1	1	4	4	4							
24	19	9975	39	39	38	28	16	40	8	03	2	8	6	2	2	2	7	7	7							
24	22	9995	41	40	40	29	18	08	8	20	3	8	6	3	3	3	7	7	7							
25	01	0001	41	41	40	30	18	40	8	02	5	8	6	3	3	3	7	7	7							
25	04	0011	41	41	41	52	18	04	9	45	4	9	0	0	0	0	7	7	7							
25	07	0010	40	40	40	33	20	80	8	44	8	8	6	0	0	0	7	7	7							
25	10	0017	42	41	40	33	22	16	8	28	4	8	6	0	0	0	7	7	7							
25	13	0021	41	41	41	35	23	01	8	51	4	8	6	0	0	0	7	7	7							
25	16	9980	42	42	41	34	21	16	8	51	5	8	6	1	1	1	7	7	7							
25	19	9945	43	42	41	34	23	48	8	02	5	8	6	1	1	1	7	7	7							
25	22	9920	43	43	42	34	30	53	8	51	5	8	6	2	2	2	7	7	7							
26	01	9886	44	44	43	34	28	08	8	63	6	6	6	1	1	1	7	7	7							
26	04	9823	42	42	41	16	02	06	8	63	6	6	6	1	1	1	7	7	7							
26	07	9763	42	42	41	14	12	08	8	63	6	6	6	2	2	2	7	7	7							
26	10	9765	41	41	41	00	00	18	8	61	6	6	6	0	0	0	9	9	9							
26	13	9804	40	38	35	24	20	81	7	01	6	5	5	4	4	4	2	2	2							
26	16	9862	38	35	31	24	19	81	3	01	1	3	5	4	4	4	2	2	2							
26	19	9901	38	36	32	28	08	81	1	01	0	0	0	0	0	0	9	9	9							
26	22	9911	40	37	35	33	10	81	8	01	1	0	0	0	0	0	9	9	9							
27	01	9905	36	36	35	01	03	16	8	61	7	8	6	3	1	1	7	7	7							
27	04	9838	36	36	35	14	22	08	8	61	7	8	6	2	2	2	7	7	7							
27	07	9814	35	35	35	16	32	08	8	63	6	8	7	1	1	1	7	7	7							
27	10	9857	35	35	34	20	17	40	7	68	7	6	5	4	4	4	5	5	5							
27	13	9912	36	36	33	24	15	81	6	02	6	5	8	4	4	4	2	2	2							
27	16	9946	38	36	32	27	22	81	5	80	8	3	9	4	4	4	2	2	2							
27	19	9968	39	37	35	30	30	81	6	02	4	9	4	2	2	2	7	7	7							
27	22	9982	40	39	38	30	22	81	5	02	1	1	8	4	4	4	1	1	1							
28	01	9985	41	40	40	31	23	40	8	50	8	8	8	3	1	1	6	6	6							
28	04	9996	41	40	39	28	26	40	8	25	8	5	5	5	5	5	6	6	6							
28	07	0034	41	40	39	29	25	64	5	01	2	5	5	5	5	5	6	6	6							
28	10	0048	43	42	41	30	28	64	7	03	2	4	5	4	4	4	7	7	7			</				

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF**

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF												MACQUARIE ISLAND 1950									
DAY	HOUR	STATION LEVEL PRESSURE		WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	HEIGHT	CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		
		DRY BULB	WET BULB	DEW POINT	DIRECTION								CL	h	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION	SPEED
5 1	0 1	9 9 2 5	3 9	3 8	3 6	2 8	3 3	4 0	7	2 1	6	7	8	5	0	0	0	0	0	" x10	Kts.
5 1	0 4	9 9 0 2	3 8	3 7	3 6	2 8	3 0	0 B	8	6 3	6	8	6	4	5	0	0	0	0	"	Mbs.
5 1	0 7	9 9 1 9	3 5	3 4	3 2	2 7	4 0	1 6	6	8 3	8	6	6	5	5	0	0	0	0	" F	
5 1	1 0	9 9 5 3	3 5	3 4	3 3	2 5	3 5	8 0	5	2 6	7	5	8	5	5	0	0	0	0	"	
5 1	1 3	9 9 7 1	3 7	3 4	2 9	2 5	3 1	4 0	7	2 6	7	7	8	4	4	4	0	0	0	"	
5 1	1 6	9 9 5 5	3 6	3 4	3 1	2 4	4	6 4	4	2 6	7	4	4	4	4	1	3	0	0	"	
5 1	1 9	9 9 7 5	3 5	3 4	3 0	2 5	5	8 0	6	2 6	7	5	5	5	5	5	5	5	5	"	
5 1	2 2	9 9 9 6	3 5	3 3	3 0	2 4	4	8 0	6	2 6	7	4	4	4	4	3	3	3	3	"	

**RESULTS OF SURFACE OBSERVATIONS AT
MACQUARIE ISLAND
FOR THE MONTH OF JUNE 1950**

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB		WET BULB		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD		PRESENT WEATHER		PAST WEATHER		LOW CLOUD		CLOUD DIRECTION		MIDDLE CLOUD		HIGH CLOUD		MAXIMUM TEMPERATURE		MINIMUM TEMPERATURE		PRECIPITATION		ANEMOMETER		MAXIMUM GUST	
			DIRECTION	SPEED	DIRECTION	*x10	Kts.	VV			Oklas	ww	W	Oklas	Cl	Type	Height	CM	CH	Cl	Low	Middle	High	CM	CH	°F	°F	Points	Miles	Direction	*x10	Kts.	Hours	
LST.	Mbs.	°F	°F	°F	°F	"	Kts.																											
01	01	0001	37	35	35	3	27	18	40	8	8	8	8	8	8	B	4	7	6	6	6	9	6	6	41	34	0010	788	29	55	000			
01	04	9981	58	57	55	5	28	26	26	80	8	8	8	8	8	8	5	4	6	6	6	6	6	6	5	4	6	6	6	6	6	6		
01	07	9957	59	58	56	5	29	30	29	80	8	8	8	8	8	8	5	4	6	6	6	6	6	6	5	4	6	6	6	6	6	6		
01	10	9925	40	39	58	2	29	38	16	80	8	8	8	8	8	8	5	4	6	6	6	6	6	6	5	4	6	6	6	6	6	6		
01	13	9890	40	40	39	2	29	38	12	80	8	8	8	8	8	8	5	4	6	6	6	6	6	6	5	4	6	6	6	6	6	6		
01	16	9858	41	40	40	2	29	40	12	80	8	8	8	8	8	8	5	4	6	6	6	6	6	6	5	4	6	6	6	6	6	6		
01	19	9841	41	40	39	2	29	36	16	80	8	8	8	8	8	8	5	4	6	6	6	6	6	6	5	4	6	6	6	6	6	6		
02	01	9820	41	40	40	2	29	30	24	80	8	8	8	8	8	8	5	4	6	6	6	6	6	6	5	4	6	6	6	6	6	6		
02	04	9797	40	40	39	2	28	27	32	80	8	8	8	8	8	8	6	5	7	7	6	6	6	6	5	4	6	6	6	6	6	6		
02	07	9780	39	37	36	2	26	22	22	80	8	8	8	8	8	8	6	5	7	7	6	6	6	6	5	4	6	6	6	6	6	6		
02	10	9760	38	38	57	2	27	21	29	80	7	7	7	7	7	7	6	5	7	7	6	6	6	6	5	4	6	6	6	6	6	6		
02	13	9749	36	35	55	2	27	27	22	80	7	7	7	7	7	7	6	5	7	7	6	6	6	6	5	4	6	6	6	6	6	6		
02	16	9766	35	34	52	2	25	22	64	80	7	7	7	7	7	7	6	5	7	7	6	6	6	6	5	4	6	6	6	6	6	6		
02	19	9785	35	32	29	2	25	26	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	6	5	4	6	6	6	6	6	6		
02	22	9807	32	29	26	2	26	26	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	6	5	4	6	6	6	6	6	6		
03	01	9807	31	31	30	2	25	25	48	70	7	7	7	7	7	7	6	5	7	7	6	6	6	6	5	4	6	6	6	6	6	6		
03	04	9803	31	31	25	2	25	02	8	77	7	7	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6		
03	07	9793	30	29	26	2	25	00	8	72	7	7	7	7	7	7	6	5	7	7	6	6	6	6	5	4	6	6	6	6	6	6		
03	10	9796	30	29	27	2	21	09	40	7	86	7	7	8	8	8	8	7	6	5	7	7	6	6	5	4	6	6	6	6	6	6		
03	13	9800	31	28	25	2	24	16	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
03	16	9808	30	26	14	2	23	08	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
03	19	9816	31	29	25	2	23	10	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
03	22	9815	31	29	23	2	23	14	40	7	70	7	6	9	9	9	9	8	7	7	6	6	6	5	4	6	6	6	6	6	6			
04	01	9808	32	29	22	2	25	21	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
04	04	9802	32	29	22	2	26	26	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
04	07	9792	31	28	23	2	26	23	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
04	10	9799	29	27	25	2	26	24	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
04	13	9796	28	25	25	2	27	20	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
04	16	9802	27	25	16	2	19	12	81	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
04	19	9819	24	21	16	2	22	15	40	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
04	22	9826	24	21	18	2	21	11	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
05	01	9855	24	21	19	2	17	11	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
05	04	9834	24	21	18	2	17	11	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
05	07	9853	24	21	17	2	17	07	02	9	75	7	9	9	9	9	9	8	7	7	6	6	6	5	4	6	6	6	6	6	6			
05	10	9820	25	23	18	2	20	00	80	8	7	7	7	7	7	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
05	13	9797	27	25	23	2	24	01	04	9	75	7	9	9	9	9	9	8	7	7	6	6	6	5	4	6	6	6	6	6	6			
05	16	9757	28	26	23	2	25	08	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
05	19	9734	27	25	23	2	29	29	08	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
06	01	9759	28	25	14	2	21	20	80	8	8	8	8	8	8	7	6	5	7	7	6	6	6	5	4	6	6	6	6	6	6			
06	04	9776	24	21	17	19	15	48	80	7	86	7	7	8	8	8	8	7	6	5	7	7	6	6	5	4	6	6	6	6	6			
06	07	9795	24	21	15	18	10	40	80	7	85	7	7	8	8	8	8	7	6	5	7	7	6	6	5	4	6	6	6	6	6			
06	10	9804	24	21	17	17	10	04	04	7	86	8	5	8	8	8	8	7	6	5	7	7	6	6	5	4	6	6	6	6	6			
06	13	9809	25	23	14	18	13	08	05	02	7	85	8	5	8	8	8	8	7	6	5	7	7	6	6	5	4	6	6	6	6			
06	16	9824	21	21	18	18	04	06	01	6	16	16	1	9	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16				
07	01	9874	30	27	21	17	26	40	80	6	26	26	7	6	8	8	8	8	7	6	5	7	7	6	6	5	4	6	6	6	6			
07	04	9905	30	24	16	18	22	40	80	6	26	26	8	6	8	8	8	8	7	6	5	7	7	6	6	5	4	6	6	6	6			
07	07	9913	28	24	18	17	13	08	05	02	7	25	25	8	8	8	8	8	8	7	6	5	7	7	6	6	5	4	6	6	6			
07	10	9901	27	23	17	17	06	01	81	6	16	16	2	8	8	8	8	8	8	7	6	5	7	7	6	6	5	4	6	6	6			
07	13	9863	26	24	21	05	00	00	82	5	16	16	1	9	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16				
07	16	9825	25	25	15	22	00	00	80	5	16	16	2	8	8	8	8	8	8	7	6	5	7	7	6	6	5	4	6	6	6			
07	19	9799	27	27	25	15	22	00	80	5	16	16	2	8	8	8	8	8	8	7	6	5</td												

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF JUNE 1950																												
DAY	HOUR	STATION ELEVATION PRESSURE		WIND DRY BULB		WIND WET BULB		DEW POINT	DIRECTION	SPEED	VISIBILITY	TOTAL CLOUD	LOW CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE					
		Mbs.	"F	"F	"F	"F	"x10					Olas	ww	W	Olas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.
11	01	99 4 4	3 1	2 8	2 2	2 1	1 7	4 0	4	2 6	8	4	6	8	5	0	0	0	5									
11	04	99 6 9	3 3	2 9	2 0	2 5	3 0	8 0	5	1 6	8	6	8	3	0	0	0	0	5									
11	07	99 8 8	3 1	3 0	2 6	2 5	2 6	4 0	6	8 5	8	6	8	3	0	0	0	0	5									
11	10	00 1 2	3 3	3 0	2 4	2 7	1 2	7 2	8	8 3	8	8	8	4	0	0	0	0	5									
11	15	00 3 2	3 5	3 0	2 4	2 1	1 2	8 0	7	0 2	2	6	8	5	0	0	0	0	5									
11	16	00 6 3	3 4	3 1	2 5	1 7	0 7	8 0	6	0 2	2	6	8	5	0	0	0	0	5									
11	19	00 9 5	3 2	3 1	2 9	1 7	0 3	8 0	3	0 1	2	3	5	5	0	0	0	0	5									
11	22	01 0 8	3 1	3 0	2 8	2 1	0 3	8 0	2	0 1	2	2	5	5	0	0	0	0	5									
12	01	01 0 4	3 5	3 1	2 5	5 2	1 7	8 0	8	0 2	2	8	8	5	4	0	0	0	5									
12	04	00 9 1	3 5	3 3	3 1	3 5	1 3	0 2	7	5	7	8	8	6	3	0	0	0	5									
12	07	00 6 6	4 0	4 0	4 0	3 2	1 7	0 1	8	5 2	6	8	8	6	0	0	0	0	5									
12	10	00 5 6	4 2	4 1	4 1	3 0	2 2	1 0	8	2 0	5	8	8	6	1	0	0	0	5									
12	13	00 3 0	4 2	4 2	4 2	3 0	2 5	2 4	8	2 0	5	8	8	6	1	0	0	0	5									
12	16	00 2 9	4 2	4 1	3 9	2 9	2 7	1 6	8	0 2	2	6	5	5	4	2	0	0	5									
12	19	00 4 8	4 0	3 9	3 8	2 7	2 7	1 6	5	0 1	2	3	5	4	0	0	0	0	5									
12	22	00 5 5	3 9	3 8	3 4	2 8	1 9	6 4	8	0 2	2	8	8	6	4	0	0	0	5									
13	01	02 2 4	4 0	3 9	5 7	3 0	1 6	4 8	8	0 2	2	8	8	5	3	0	0	0	5									
13	04	99 8 2	4 1	4 0	4 0	3 1	2 3	0 8	8	6 1	8	8	8	6	2	0	0	0	5									
13	07	99 5 2	3 9	3 8	5 7	2 8	2 9	8 0	6	2 5	8	8	8	4	0	0	0	0	6									
13	10	99 4 8	3 8	3 7	3 6	2 9	2 9	8 0	4	2 5	8	8	8	4	0	0	0	0	6									
13	13	99 3 4	3 8	3 7	3 6	2 8	2 5	8 0	5	2 5	8	8	8	4	0	0	0	0	6									
13	16	99 4 5	3 7	3 5	3 1	2 6	3 0	8 0	5	2 5	8	8	8	4	0	0	0	0	5									
13	19	99 8 1	3 5	3 4	3 2	2 7	3 5	6 4	6	8 5	8	8	8	2	4	0	0	0	5									
13	22	00 0 7	3 6	3 4	3 0	2 6	3 3	6 4	7	2 5	8	7	8	8	4	0	0	0	5									
14	01	00 1 6	3 6	3 4	3 0	2 6	5 4	4 0	8	8 5	8	8	8	2	4	0	0	0	6									
14	04	00 3 0	3 6	3 4	3 0	2 7	3 0	8 1	2	2 6	8	8	8	4	0	0	0	0	6									
14	07	00 4 6	3 5	3 3	2 9	2 7	1 7	8 1	5	0 2	1	5	8	8	4	0	0	0	5									
14	10	00 5 8	3 4	3 2	2 8	2 3	1 4	8 1	7	8 6	7	7	8	4	0	0	0	0	5									
14	13	00 6 7	3 5	3 1	2 7	2 8	2 1	8 0	7	8 3	8	7	8	4	0	0	0	0	5									
14	16	00 7 4	3 2	3 1	2 8	2 6	2 4	8 0	7	2 6	8	7	8	4	0	0	0	0	5									
14	19	00 8 8	3 5	3 3	3 1	2 6	1 4	8 0	7	0 2	8	7	8	4	0	0	0	0	5									
14	22	00 6 9	3 5	3 2	2 7	2 8	1 0	8 0	7	0 2	2	7	5	4	0	0	0	0	5									
15	01	00 5 6	3 6	3 5	3 3	2 6	5 5	4 0	8	6 1	6	0	0	0	0	0	0	0	6									
15	04	99 6 4	4 0	4 0	3 9	3 1	1 4	2 4	8	6 3	6	0	0	0	0	0	0	0	6									
15	07	99 5 1	4 1	4 0	4 0	3 0	1 7	4 0	8	6 1	6	0	0	0	0	0	0	0	6									
15	10	99 9 8	4 1	4 1	4 0	2 9	2 3	1 6	8	5 1	5	0	0	0	0	0	0	0	6									
15	13	99 7 8	4 0	4 0	3 9	2 8	1 9	4 0	8	5 0	5	7	7	5	3	2	0	0	6									
15	16	99 8 7 2	3 9	3 7	3 4	2 6	1 4	8 0	7	5 0	5	7	7	5	3	0	0	0	6									
15	19	99 8 8 5	3 7	3 7	3 6	2 6	3 8	2 4	8	6 0	5	8	6	5	3	0	0	0	6									
15	22	99 9 1 4	3 7	3 6	3 3	2 6	3 0	4 0	8	6 0	6	8	6	5	3	0	0	0	6									
16	01	99 9 3 5	3 5	3 5	3 4	2 4	1 7	4 0	7	2 4	6	7	5	4	0	0	0	0	6									
16	04	99 9 6 6	3 6	3 5	3 5	2 0	1 9	2 4	7	6 0	6	7	8	4	0	0	0	0	6									
16	07	00 2 2 1	3 8	3 7	3 6	1 5	2 4	2 4	8	5 0	5	8	6	5	4	0	0	0	6									
16	10	00 8 4	3 9	3 8	3 6	1 6	1 9	8 1	7	0 5	2	5	8	6	4	3	0	0	4									
16	13	01 1 5	3 9	3 8	3 7	1 7	0 9	8 1	8	0 5	2	5	8	6	4	3	0	0	4									
16	16	01 4 6	3 6	3 5	3 5	1 7	0 2	8 0	2	1 1	2	5	8	6	4	0	0	0	4									
16	19	01 7 1	3 5	3 5	3 4	2 0	0 2	8 0	3	0 2	1	5	5	4	0	0	0	0	4									
16	22	01 7 9	3 5	3 5	3 4	2 7	0 5	4 0	4	3	0 2	1	5	5	4	0	0	0	4									
17	01	01 8 0	3 4	3 4	3 3	2 8	0 8	2 4	7	1 1	2	7	8	6	2	0	0	0	6									
17	04	01 7 6	3 5	3 4	3 4	2 8	1 3	6 4	7	2 0	2	5	5	3	0	0	0	0	6									
17	07	01 7 2	3 6	3 5	3 4	3 0	1 8	8 0	6	0 2	2	6	5	4	2	0	0	0	6									
17	10	01 6 3	3 8	3 8	3 6	3 0	1 7	8 0	8	0 5	2	8	6	5	3	2	0	0	6									
17	13	01 4 7	4 0	4 0	3 9	3 1	1 7	4 0	8	5 0	6	8	6	5	2	0	0	0	6									
17	16	01 4 4	4 0	4 0	3 9	3 1	1 6	0 4	8	4 4	4	8	6	5	1	1	0	0	6					</td				

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF JUNE 1950

DAY	HOUR	STATION LEVEL PRESSURE	WIND		DEW POINT	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD		CLOUD DIRECTION	HEIGHT	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
			DIRECTION	SPEED						Oktas	h							Miles	*x10	Kts.		
LST.	Mbs.	"F	"F	"F	"F					VV												
21	01	0 1 0 3	5 6	3 5	3 5	2 5	2 6	0 8	8	6 1	7	8	6	3								
21	04	0 0 9 6	5 8	3 8	3 7	2 7	2 0	0 8	8	5 3	6	8	6	3								
21	07	0 1 1 7	3 7	3 5	3 4	2 3	1 0	4 0	7	5 3	6	5	6	3								
21	10	0 1 2 2	3 6	3 6	3 7	3 5	2 8	2 2	8 0	7	2 5	8	5	8								
21	13	0 1 1 4	5 8	5 7	5 6	2 5	2 5	3 0	5 4	7	8 0	8	7	8								
21	16	0 1 0 4	3 9	3 9	3 8	2 5	3 3	4 0	8	5 0	6	8	6									
21	19	0 0 9 6	5 9	3 9	3 8	2 6	3 5	4 0	8	5 0	5	8	6									
21	22	0 0 9 8	5 9	3 9	3 8	2 6	3 3	1 6	8	5 1	5	8	6									
22	01	0 0 9 6	5 8	3 8	3 8	2 7	3 6	0 8	8	5 1	5	8	6									
22	04	0 1 0 0	3 8	3 8	3 8	2 7	3 6	0 8	8	5 1	5	8	6									
22	07	0 1 1 7	3 8	3 7	3 5	2 7	2 3	4 0	8	5 0	5	7	6									
22	10	0 1 3 4	3 7	3 7	3 5	2 3	1 7	6 4	7	8 3	8	7	8									
22	13	0 1 3 6	3 8	3 7	3 5	2 7	2 0	4 0	8	5 1	9	8	6									
22	16	0 1 4 6	3 8	3 7	3 7	2 6	2 6	4 0	8	5 0	5	5	6									
22	19	0 1 5 1	5 8	3 8	3 8	2 6	2 3	1 6	8	2 0	5	8	6									
22	22	0 1 4 3	3 9	3 7	3 5	2 6	3 1	4 0	8	1 8	2	8	6									
23	01	0 1 4 4	3 9	3 8	3 6	2 6	3 0	4 8	7	0 2	2	5	5									
23	04	0 1 5 2	3 9	3 8	3 6	2 5	2 6	3 2	8	0 2	2	8	5									
23	07	0 1 7 0	3 8	3 8	3 8	2 6	3 0	1 6	8	5 0	5	8	6									
23	10	0 1 7 9	3 8	3 8	3 7	2 6	2 6	2 4	8	5 0	5	8	6									
23	13	0 1 9 4	3 7	3 7	3 6	2 7	2 4	2 4	8	5 1	5	8	6									
23	16	0 1 9 0	3 6	3 5	3 3	2 6	2 8	4 0	8	5 0	5	8	6									
23	19	0 2 0 6	3 8	3 7	3 6	2 6	2 4	6 4	7	5 0	5	6	6									
24	22	0 2 1 0	4 0	4 0	3 9	2 8	1 6	8 0	8	0 2	5	8	6									
24	01	0 1 9 1	4 1	4 1	4 0	2 9	1 8	4 0	5 0	5	6	6										
24	04	0 1 8 8	4 1	4 1	4 0	2 8	1 7	2 4	8	0 2	2	8	6									
24	07	0 1 8 7	4 1	4 1	4 0	2 9	2 0	6 4	7	0 2	2	4	5									
24	10	0 1 8 3	4 2	4 1	4 0	3 0	2 3	8 1	8	0 2	2	7	5									
24	13	0 1 6 1	4 2	4 1	4 0	3 0	2 4	8 2	8	0 2	2	7	5									
24	16	0 1 4 9	4 2	4 1	4 0	3 0	2 6	8 2	7	0 2	2	3	8									
24	19	0 1 4 6	4 2	4 2	4 2	3 0	2 6	8 0	8	0 2	2	3	8									
24	22	0 1 3 8	4 1	4 1	4 0	3 0	2 7	8 0	8	5 0	5	8	6									
25	01	0 1 3 0	4 2	4 2	4 2	3 0	2 6	3 2	8	2 0	5	8	6									
25	04	0 1 1 4	4 1	4 1	4 0	3 0	2 7	3 2	8	0 2	2	8	6									
25	07	0 0 9 7	4 2	4 2	4 2	3 0	2 6	3 2	8	0 2	2	8	6									
25	10	0 0 8 6	4 2	4 2	4 2	3 1	2 6	3 2	8	0 2	2	8	6									
25	13	0 0 7 5	4 3	4 3	4 2	3 0	2 9	0 8	8	5 1	5	8	6									
25	16	0 0 7 5	4 3	4 2	4 2	2 9	2 3	0 8	8	5 1	5	8	6									
25	19	0 0 8 8	4 2	4 2	4 1	2 8	1 6	0 8	8	5 1	5	8	6									
25	22	0 0 9 5	4 2	4 2	4 1	2 9	1 5	0 1	9	4 6	4	9	9									
25	01	0 0 9 7	4 2	4 2	4 1	3 0	1 7	0 1	9	4 7	4	9	9									
25	04	0 0 9 7	4 1	4 1	4 1	2 9	1 6	0 2	9	4 3	4	9	9									
25	07	0 1 0 4	4 1	4 1	4 0	2 8	1 3	0 8	9	4 3	4	9	9									
25	10	0 1 1 2	3 9	3 9	3 9	2 8	1 6	0 2	9	4 7	4	9	9									
25	13	0 1 1 4	3 9	3 9	3 9	2 9	1 0	0 2	9	4 5	4	9	9									
25	16	0 1 1 3	3 9	3 8	3 7	2 8	1 5	0 3	9	4 5	4	9	9									
25	19	0 1 1 6	4 0	4 0	4 0	2 8	0 7	0 2	9	4 5	4	9	9									
25	22	0 1 1 6	4 1	4 1	4 1	3 1	0 7	0 5	9	4 5	4	9	9									
25	01	0 1 1 6	4 1	4 1	4 1	3 0	0 9	0 3	9	4 3	4	9	9									
25	04	0 1 1 2	4 0	4 0	4 0	3 0	1 0	0 4	9	4 3	4	9	9									
25	07	0 1 1 2	4 0	4 0	4 0	2 8	1 0	0 2	9	4 5	4	9	9									
25	10	0 0 1 8	4 1	4 1	4 0	2 8	0 2	0 4	7	4 6	4	6	6									
25	13	0 1 0 9	4 1	4 1	4 0	2 9	0 6	4 0	7	1 1	4	7	6									
25	16	0 1 1 2	3 9	3 9	3 9	2 7	0 2	8 1	1	0 2	1	1	5									
25	19	0 1 1 0	3 9	3 9	3 8	2 8	0 3	8 1	8	0 5	2	3	6									
25	01	0 1 0 7	4 0	3 8	3 5	2 9	0 3	R 1	0	0 1	0	0	0									
25	04	0 0 0 8	3 8	3 7	3 5	0 0	0 0	R 1	1	0 0	0	0	0									
25	07	0 0 0 8	3 8	3 7	3 5	0 0	0 0	R 1	2	0 0	0	0	0									
25	10	0 0 1 7	3 9	3 9	3 6	1 4	0 4	R 2	3	0 3	1	2	5									
25	13	0 0 1 6	3 9	3 9	3 6	1 3	1 4	R 2	7	2 0	5	4	6									
25	16	0 0 1 2	3 5	3 5	3 4	1 1	1 7	R 1	6	0 2	2	2	5									
25	19	0 0 1 2	3 4	3 4	3 1	1 2	2 1	R 1	8	0 2	2	8	5									
25	22	0 0 1 3	3 6	3 4	3 0	1 0	1 9	R 1	8	0 2	2	8	5									
25	01	0 1 4 3	3 7	3 4	2 8	0 9	1 6	R 1	5	0 2	2	1	5									
25	04	0 1 4 5	3 7	3 4	2 8	0 9	1 6	R 1	5	0 2	2	1	5									
25	07	0 1 6 1	3 8	3 5	2 2	1 1	1 9	R 0	8	0 2	2	8	5									
25	10	0 1 7 3	3 8	3 7	3 4	1 0	1 8	R 0	8	0 2	2	8	5		</td							

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF JULY 1950**

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF												MACQUARIE ISLAND JULY 1950											
DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER DIRECTION	MAXIMUM GUST		
		Mbs.	"F				DIRECTION	SPEED					oktas	ww	w	oktas	cl	height	type	middle	high	direction	speed
LST.				"F	"F	"F	"x10	Kts.	VV														
01	01	01	9.9	3.9	3.8	3.6	3.1	2.3	6.4	8	0.2	N	8	5	4	7							
01	04	01	8.5	3.9	3.8	3.7	3.0	2.5	5.6	8	0.2	N	8	5	3	7							
01	07	01	7.4	4.0	3.9	3.7	3.1	2.3	5.6	8	0.2	N	8	5	3	7							
01	10	01	6.9	4.0	3.9	3.8	3.1	2.4	6.4	8	0.2	N	8	5	3	7							
01	13	01	5.1	4.1	4.0	3.9	3.1	2.2	6.4	8	0.2	N	8	5	3	7							
01	16	01	3.7	4.0	4.0	4.0	3.1	2.1	1.2	5.0	5	1	N	5	3	7							
01	19	01	1.9	4.0	4.0	4.0	3.1	2.5	1.6	2.0	5	1	N	5	3	7							
01	22	01	0.9	4.1	4.1	4.0	3.0	2.6	0.8	5.1	5	1	N	5	3	7							
02	01	01	0.9	4.1	4.1	4.0	3.1	2.8	0.8	5.1	5	1	N	5	3	7							
02	04	01	0.8	4.1	4.1	4.0	3.0	1.6	0.2	4.4	4	6	N	0	0	7							
02	07	01	1.5	3.9	3.9	3.7	2.3	0.2	1.6	8	2	1	N	6	3	6							
02	10	01	2.3	3.9	3.9	3.8	0.0	0.0	1.6	8	6	1	N	6	3	6							
02	13	01	1.2	3.8	3.8	3.7	1.6	1.0	1.0	8	5	3	N	6	2	2							
02	16	01	1.1	3.6	3.6	3.5	1.5	1.0	4.0	8	6	1	N	6	2	2							
02	19	01	0.5	3.6	3.6	3.5	1.4	0.6	3.2	8	5	1	N	6	2	2							
02	22	01	0.5	3.5	3.4	3.2	1.6	0.4	8.0	7	0	2	N	7	8	4	0	0	4	4	4	4	
03	01	01	0.6	3.5	3.5	2.6	2.0	0.1	8.1	7	0	2	N	1	8	4	3	0	5	5	5	5	
03	04	01	0.7	3.8	3.4	2.6	2.3	0.1	8.1	7	0	2	N	2	5	5	7	0	3	0	5	5	
03	07	01	0.8	3.5	3.5	2.6	2.5	0.2	8.1	7	0	2	N	2	5	5	7	0	0	5	5	5	
03	10	01	0.9	3.5	3.5	2.8	2.8	0.9	8.1	7	0	2	N	2	6	5	6	0	0	5	5	5	
03	13	01	0.8	3.6	3.6	3.2	2.7	2.9	1.1	B1	7	0	2	2	7	8	4	0	0	4	4	4	
03	16	01	0.7	3.6	3.6	2.9	2.9	1.4	B1	7	0	2	2	7	5	5	5	0	0	5	5	5	
03	19	01	0.2	3.5	3.5	3.4	3.0	1.0	B1	8	0	2	2	7	5	5	5	0	0	5	5	5	
03	22	01	0.1	3.1	3.6	3.6	3.2	1.7	1.6	8	2	0	5	8	6	3	3	9	9	9	9	9	
04	01	01	0.6	3.9	3.9	3.8	3.3	1.0	0.2	8	4	6	4	8	6	0	0	0	7	7	7	7	
04	04	01	0.5	3.6	3.8	3.8	0.0	0.0	0.2	8	4	4	4	6	0	0	1	1	1	1	1	1	
04	07	01	0.5	3.7	3.7	2.8	0.0	0.0	0.2	8	4	4	4	6	0	0	9	9	9	9	9	9	
04	10	01	0.5	3.9	3.8	3.7	0.0	0.0	0.2	8	4	4	4	6	0	0	9	9	9	9	9	9	
04	13	01	0.4	3.6	3.8	3.7	0.5	0.5	0.5	9	4	7	4	9	0	0	9	9	9	9	9	9	
04	16	01	0.2	3.9	3.8	3.4	0.4	0.7	9	4	7	4	9	0	0	9	9	9	9	9	9	9	
04	19	01	0.1	1.5	4.0	4.0	0.4	0.1	0.5	8	5	1	4	8	6	1	4	4	4	4	4	4	
04	22	01	0.0	1.6	4.1	4.0	3.9	3.5	1.2	1.6	8	2	0	5	8	6	2	4	4	4	4	4	
05	01	01	0.7	0.7	4.1	4.0	3.9	0.2	0.4	2.4	8	0	2	2	8	5	3	3	3	3	3	3	
05	04	01	0.5	4.1	4.1	4.0	3.3	1.4	0.8	8	5	1	5	5	8	6	2	2	2	2	2	2	
05	07	01	0.6	4.2	4.1	4.0	3.4	0.4	0.8	8	5	1	5	5	8	6	2	2	2	2	2	2	
05	10	01	0.9	4.2	4.2	4.2	3.6	1.0	0.8	8	5	1	5	5	8	6	2	2	2	2	2	2	
05	13	01	0.3	4.3	4.2	4.2	3.6	1.2	1.6	8	2	0	5	8	6	2	2	2	2	2	2	2	
05	16	01	0.0	0.8	4.2	4.2	4.1	3.1	2.4	8	5	1	5	5	8	6	1	1	1	1	1	1	
05	19	01	0.9	5.1	3.9	3.8	3.1	2.7	0.8	8	5	1	5	5	8	6	2	2	2	2	2	2	
05	22	01	2.2	3.9	3.9	3.0	1.6	2.4	8	0	2	5	8	6	3	3	3	3	3	3	3	3	
06	01	01	9.7	3.9	3.8	3.7	2.8	1.7	4.0	7	0	2	2	7	5	4	4	4	4	4	4	4	
06	04	01	9.7	3.8	3.7	3.7	2.8	1.7	4.0	8	0	2	2	7	5	4	4	4	4	4	4	4	
06	07	01	9.7	3.7	3.6	3.6	2.7	1.7	4.0	8	0	2	2	7	5	4	4	4	4	4	4	4	
06	10	01	9.7	3.6	3.6	3.5	2.6	1.7	4.0	8	0	2	2	7	5	4	4	4	4	4	4	4	
06	13	01	9.7	3.5	3.5	3.5	2.5	1.7	4.0	8	0	2	2	7	5	4	4	4	4	4	4	4	
06	16	01	9.7	3.5	3.5	3.4	2.7	1.7	4.0	8	0	2	2	7	5	4	4	4	4	4	4	4	
06	19	01	9.7	3.5	3.5	3.4	2.8	1.7	4.0	8	0	2	2	7	5	4	4	4	4	4	4	4	
06	22	01	9.7	3.5	3.5	3.4	2.8	1.7	4.0	8	0	2	2	7	5	4	4	4	4	4	4	4	
07	01	01	0.9	5.8	5.8	5.8	4.5	1.5	1.6	6	6	3	2	8	6	3	2	7	7	7	7	7	
07	04	01	0.8	5.8	5.8	5.8	4.5	1.5	1.6	6	6	3	2	8	6	3	2	7	7	7	7	7	
07	07	01	0.8	5.8	5.8	5.8	4.5	1.5	1.6	6	6	3	2	8	6	3	2	7	7	7	7	7	
07	10	01	0.8	5.8	5.8	5.8	4.5	1.5	1.6	6	6	3	2	8	6	3	2	7	7	7	7	7	
07	13	01	0.8	5.8	5.8	5.8	4.5	1.5	1.6	6	6	3	2	8	6	3	2	7	7	7	7	7	
07	16	01	0.8	5.8	5.8	5.8	4.5	1.5	1.6	6	6	3	2	8	6	3	2	7	7	7	7	7	
07	19	01	0.8	5.8	5.8	5.8	4.5	1.5	1.6	6	6	3	2	8	6	3	2	7	7	7	7	7	
07	22	01	0.8	5.8	5.8	5.8	4.5	1.5	1.6	6	6	3	2	8	6	3	2	7	7	7	7	7	
08	01	01	0.4	4.9	4.1	4.1	3.4	1.6	0.0	9	4	5	4	9	0	0	0	0	0	7	7	7	
08	04	01	0.5	4.0	4.0	3.9	3.1	1.8	0.8	8	5	1	4	8	6	1	1	1	1	1	1	1	
08	07	01	0.0	0.54	5.8	5.8	2.9	1.0	0.4	9	4	5	4	9	0	0	0	0	0	6	6	6	
08	10	01	0.0	0.49	4.0	4.0	3.0	1.0	1.6	8	5	0	4	8	6	3	3	3	3	3	3	3	
08	13	01	0.0	0.57	3.9	3.9	2.9	0.6	0.8	9	4	7	4	9	0	0	0	0	0	6	6	6	
08	16	01	0.0	0.53	3.9	3.9	2.9	0.7	0.8	8	4	1	4	8	6	3	3	3	3	3	3	3	
08	19	01	0.0	0.43	3.8	3.8	2.7	0.7	0.8	8	4	1	4	8	6	3	3	3	3	3	3	3	
08	22	01	0.0	0.43	3.8	3.8	2.7	0.7	0.8	8	4	1	4	8	6	3	3	3	3	3	3	3	
09	01	01	0.0	0.36	4.0	4.0	4.0	3.0	0.0	12	0	1	9	4	5	4	9	0	0	0	0	0	
09	04	01	0.0	0.35	4.0	4.0	3.9	2.9	1.7	8	0	7	2	0	5	5	5	7	7	9	9	9	
09	07	01	0.0	0.40	4.0	4.0	3.9	2.8	1.6	8	1	7	0	2	2	6	7	7	9	9	9	9	
09	10	01	0.0	0.52	4.0	3.9	3.8	2.7	1.3	8	1	8	0</										

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF JULY 1950**

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB		WET BULB		DEW POINT °F	WIND DIRECTION °x10	WIND SPEED Kts.	VISIBILITY	TOTAL CLOUD		PRESENT WEATHER	PAST WEATHER	LOW CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F	PRECIPITATION	ANEMOMETER POINTS	MAXIMUM GUST SPEED Kts.		SUNSHINE Hours			
			LST.	Mbs.	"F	"F					Oktas	Ww			Oktas	C _L	h	C _M	C _H	C _L	C _M	C _H	Points	Miles	"x10	Kts.		
11	0 1	0 1 4 4	4 1	4 1	4 0	2 9	2 6	4 0	8	2 1	6	8	6	5	0	0	6	6	7	7	7	9						
11	0 4	0 1 4 1	4 1	4 0	4 0	5 1	2 4	8 0	3	1 8	6	3	7	4	0	0	6	6	7	7	7	9						
11	0 7	0 1 3 0	4 1	4 1	4 1	3 1	2 2	4 0	8	0 2	2	5	7	3	1	0	2	5	6	7	7	7	9					
11	1 0	0 1 2 5	4 2	4 2	4 1	3 1	2 4	2 4	8	5 0	5	8	6	1	0	2	2	0	0	9	7	7	7					
11	1 3	0 0 9 8	4 3	4 2	4 1	3 2	2 6	8 0	8	0 2	2	0	0	9	7	7	7	7	7	7	7	7	9					
11	1 6	0 0 7 6	4 2	4 2	4 1	3 3	2 8	8 0	7	0 3	2	1	6	3	0	1	8	7	7	7	7	7	9					
11	1 9	0 0 5 3	4 3	4 3	4 2	3 2	2 9	8 0	8	5 1	5	6	6	2	0	0	8	7	7	7	7	7	9					
11	2 2	0 0 3 5	4 3	4 3	4 2	3 3	3 0	8 0	8	5 1	5	6	6	2	0	0	8	7	7	7	7	7	9	4 3	3 8	0 0 0 2	7 0 0	3 3 4 1 0 0 1
12	0 1	0 0 1 2	4 2	4 2	4 2	3 2	2 8	8 0	8	5 1	5	6	6	1	0	0	8	7	7	7	7	7	9					
12	0 4	9 9 8 4	4 2	4 2	4 2	3 2	2 8	8 0	8	2 1	5	6	6	1	0	0	8	7	7	7	7	7	9					
12	0 7	9 9 6 1	4 2	4 2	4 2	3 2	2 8	8 0	7	5 0	5	6	6	2	0	0	8	7	7	7	7	7	9					
12	1 0	9 9 4 8	4 2	4 2	4 1	3 2	3 0	8 0	8	6 3	6	8	7	2	0	0	8	7	7	7	7	7	9					
12	1 3	9 9 6 8	4 0	3 9	3 8	2 9	1 6	8 2	1	0 1	1	1	1	5	0	0	8	7	7	7	7	7	9					
12	1 6	9 9 6 5	4 0	3 8	3 6	2 8	1 5	8 1	7	0 1	1	1	1	5	0	0	8	7	7	7	7	7	9					
12	1 9	9 9 5 7	3 7	3 5	3 5	2 7	0 1	8 1	7	0 2	1	0	0	9	2	0	0	8	7	7	7	7	9					
12	2 2	9 9 3 9	3 9	3 8	3 5	1 2	1 0	8 1	8	0 2	2	0	0	9	2	0	0	8	7	7	7	7	9					
13	0 1	9 9 3 4	3 7	3 7	3 6	1 4	2 6	8 0	8	8 8	8	8	8	4	0	0	8	7	7	7	7	7	9	4 2	3 7	0 0 1 6	4 4 4	3 0 5 0 0 2 6
13	0 4	9 9 6 2	3 7	3 5	3 2	1 7	2 6	4 0	8	0 2	2	0	0	9	2	0	0	8	7	7	7	7	9					
13	0 7	0 0 3 2	3 6	3 4	3 0	1 8	2 8	4 0	7	0 3	2	7	5	4	0	0	8	7	7	7	7	7	9					
13	1 0	0 0 6 7	3 7	3 5	3 1	1 7	2 5	8 0	7	1 5	2	7	8	5	0	0	8	7	7	7	7	7	9					
13	1 3	0 1 0 4	3 5	3 4	3 2	1 7	2 0	8 0	7	8 5	8	7	8	5	0	0	8	7	7	7	7	7	9					
13	1 6	0 1 3 9	3 3	3 1	2 7	1 8	2 2	8 0	7	0 2	2	7	8	5	0	0	8	7	7	7	7	7	9					
13	1 9	0 1 6 2	3 3	3 1	2 7	1 8	2 0	8 0	8	0 2	2	8	8	5	0	0	8	7	7	7	7	7	9					
14	2 2	0 1 7 3	3 2	3 0	2 6	1 7	1 6	8 1	6	0 1	2	6	5	5	0	0	8	7	7	7	7	7	9	3 9	3 2	0 0 0 5	1 7 4 5 0 0 1	
14	0 1	0 1 6 6	3 1	3 1	2 7	2 2	0 7	8 1	7	0 2	2	7	5	5	0	0	8	7	7	7	7	7	9					
14	0 4	0 1 5 9	3 5	3 5	3 3	2 7	1 3	8 0	8	0 3	2	0	0	9	2	0	0	8	7	7	7	7	9					
14	0 7	0 1 4 3	3 8	3 8	3 8	2 9	1 0	8 0	8	1 5	2	8	8	6	3	0	0	8	7	7	7	7	9					
14	1 0	0 1 3 0	3 8	3 8	3 8	2 8	1 0	8 0	8	5 3	5	8	6	2	0	0	8	7	7	7	7	9						
14	1 3	0 1 0 8	3 9	3 9	3 8	2 7	1 0	8 0	8	2 8	4	8	6	2	0	0	8	7	7	7	7	9						
14	1 6	0 0 9 3	3 9	3 9	3 8	2 8	0 9	8 0	8	1 1	5	8	6	1	0	0	8	7	7	7	7	9						
14	1 9	0 0 8 4	3 9	3 9	3 9	2 8	1 2	8 0	8	4 4	4	9	6	0	0	0	8	7	7	7	7	9						
14	2 2	0 0 7 5	4 0	4 0	4 0	2 7	1 6	8 0	8	2 0	4	8	6	1	0	0	8	7	7	7	7	9		4 0	3 1	0 0 0 1	2 4 6	2 7 2 4 0 0 0
15	0 1	0 0 7 2	3 8	3 8	3 8	2 4	0 9	8 0	8	1 6	6	8	6	5	4	0	0	8	7	7	7	7	9					
15	0 4	0 0 8 2	3 5	3 5	3 4	1 8	1 7	2 4	8	2 4	8	8	8	4	0	0	8	7	7	7	7	7	9					
15	0 7	0 1 0 3	3 5	3 4	3 4	2 4	2 0	8 0	8	5 2	8	8	8	4	0	0	8	7	7	7	7	7	9					
15	1 0	0 1 1 7	3 5	3 5	3 2	2 4	2 0	8 0	8	4 0	4	0	2	2	0	0	8	7	7	7	7	7	9					
15	1 3	0 1 1 2	3 5	3 5	3 2	2 7	2 0	8 0	8	2 7	8	8	8	4	0	0	8	7	7	7	7	7	9					
15	1 6	0 1 0 1	3 5	3 5	3 2	2 7	2 3	8 1	8	5 5	2	6	8	4	0	0	8	7	7	7	7	7	9					
15	1 9	0 0 1 0 3	3 4	3 1	2 6	2 7	2 4	8 0	8	7 6	8	8	8	4	0	0	8	7	7	7	7	7	9					
15	2 2	0 1 2 0	3 5	3 5	3 2	2 6	2 2	8 0	8	5 5	8	8	8	4	0	0	8	7	7	7	7	7	9					
16	0 1	0 1 3 4	3 6	3 5	3 2	2 6	2 6	8 0	8	6 5	8	8	8	4	0	0	8	7	7	7	7	7	9					
16	0 4	0 1 4 4	3 5	3 5	3 2	2 9	2 3	8 0	8	4 2	8	8	8	4	0	0	8	7	7	7	7	7	9					
16	0 7	0 1 5 1	3 6	3 6	3 4	2 9	2 6	8 0	8	1 5	8	8	8	4	0	0	8	7	7	7	7	7	9					
16	1 0	0 1 6 5	3 7	3 6	3 6	2 6	2 6	8 0	8	7 0	8	8	8	4	0	0	8	7	7	7	7	7	9					
16	1 3	0 1 7 7	4 0	3 7	3 6	2 6	2 7	8 0	8	2 0	5	8	8	3	0	0	8	7	7	7	7	7	9					
16	1 6	0 1 9 2	3 8	3 7	3 6	2 6	2 7	8 0	8	6 0	6	7	5	4	0	0	8	7	7	7	7	7	9					
16	1 9	0 2 0 1	3 7	3 7	3 6	2 6	2 8	2 3	8 0	8	6 1	6	6	5	4	0	0	8	7	7	7	7	9					
16	2 2	0 2 1 2	3 6	3 6	3 6	2 7	2 2	8 0	8	5 0	5	8	5	4	0	0	8	7	7	7	7	7	9					
17	0 1	0 2 1 0	3 8	3 7	3 7	2 9	2 9	8 0	8	2 0	5	8	5	4	0	0	8	7	7	7	7	7	9					
17	0 4	0 2 1 4	4 3	4 2	4 2	3 2	3 2	8 0	8	0 2	2	8	5	4	0	0	8	7	7	7	7	7	9					
17	0 7	0 2 0 9	4 5	4 3	4 2	3 2	3 2	8																				

		RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF JULY 1950																						
DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB	WET BULB	DEW POINT	WIND DIRECTION		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
		L.S.T.	Mbs.				"F	"F						VV	Oktas	WW	W	Oktas	C _L	C _M	C _H	MILES	"x10 Kts.	Hours
21	01	00 080	3 9	3 9	3 9	3 3	2 5	0 4	8	4 4	4	8	6	0				7	7	7	7			
21	04	00 47	4 1	4 1	4 0	3 5	2 8	8 0	8	0 2	6	8	6	5				7	7	7	7			
21	07	00 14	4 1	4 1	4 1	3 2	2 4	8 0	8	0 2	2	8	6	3				7	7	7	7			
21	10	99 99	4 1	4 1	4 1	3 1	2 0	8 0	8	0 2	2	8	5	3				7	7	7	7			
21	13	99 66	4 2	4 2	4 1	3 1	2 5	8 0	8	0 2	2	7	5	3				7	7	7	7			
21	16	99 46	4 2	4 2	4 2	3 1	2 8	3 2	8	6	1	6	7	7	3			7	7	9	9			
21	19	99 66	3 9	3 9	3 7	2 9	1 3	8 1	2	0 1	2	0	0	0				7	7	7	7			
21	22	99 71	3 9	3 7	3 4	2 9	1 9	8 1	5	0 3	1	0	0	0				6	6	6	6			
22	01	99 71	3 7	3 7	3 7	3 0	2 0	4 0	8	5 0	6	0	0	0				5	5	5	5			
22	04	99 68	3 7	3 6	3 4	2 9	2 0	8 0	1	0 1	7	1	8	4				5	5	5	5			
22	07	00 05	3 5	3 3	3 2	2 4	1 2	8 0	4	2 6	8	4	4	4				5	5	5	5			
22	10	00 38	3 6	3 3	2 6	2 6	2 2	8 1	3	8 5	8	3	9	4				5	5	5	5			
22	13	00 39	3 8	3 6	3 2	2 9	2 3	8 1	7	1 5	8	6	8	4				5	5	5	5			
22	16	00 37	3 8	3 7	3 4	2 9	2 5	8 1	6	0 1	1	2	4	4				5	5	5	5			
22	19	00 28	3 9	3 8	3 8	2 9	3 0	4 0	8	2 1	8	6	6	3				5	5	5	5			
22	22	00 44	3 9	3 8	3 6	2 7	2 5	8 1	7	2 5	8	2	5	4				5	5	5	5			
23	01	00 61	3 7	3 7	3 6	2 6	2 6	4 0	3	8 0	8	3	8	4				5	5	5	5			
23	04	00 68	3 9	3 8	3 7	2 8	2 2	8 0	7	2 5	8	7	8	5				5	5	5	5			
23	07	00 58	3 9	3 9	3 9	2 9	2 6	4 0	8	0 2	2	8	6	3				5	5	5	5			
23	10	00 42	4 0	3 9	3 8	2 9	3 4	4 0	8	5 1	5	8	6	2				5	5	5	5			
23	13	99 94	4 1	4 0	3 9	3 0	3 0	8 0	7	0 5	5	5	5	4				5	5	5	5			
23	16	99 43	4 0	4 0	4 0	3 0	4 2	1 6	8	6	5	6	8	7	3			5	5	5	5			
23	19	00 02	3 6	3 5	3 1	2 5	2 6	8 1	2	2 0	0	2	5	4				5	5	5	5			
23	22	00 53	3 5	3 1	2 3	2 6	2 6	8 0	4	0	2	1	4	0				5	5	5	5			
24	01	00 59	3 5	3 1	2 7	2 7	2 6	8 0	1	3	2	2	3	0				5	5	5	5			
24	04	00 11	3 6	3 5	3 2	2 5	2 6	8 0	1	1	2	1	0	2				5	5	5	5			
24	07	99 90	3 1	3 0	2 7	2 7	3 5	8 1	6	2	6	7	5	0				5	5	5	5			
24	10	00 24	3 0	2 8	2 4	2 2	2 5	8 2	4	8	6	7	4	9				5	5	5	5			
24	13	00 55	3 5	2 7	1 7	2 7	3 5	8 2	7	2 6	8	5	8	4				5	5	5	5			
24	16	00 72	2 8	2 8	2 4	2 6	2 6	8 1	8	0 3	8	7	5	5				5	5	5	5			
24	19	00 51	3 1	3 1	2 7	2 7	2 0	8 0	8	1 5	2	8	5	5				5	5	5	5			
24	22	99 91	3 5	3 3	2 9	2 9	2 8	8 0	8	7	3	7	4	2				5	5	5	5			
25	01	98 71	3 8	3 8	3 7	3 1	3 4	1 6	8	6	3	5	7	4				5	5	5	5			
25	04	98 10	3 8	3 8	3 7	2 9	2 9	8 0	8	6	3	5	7	4				5	5	5	5			
25	07	98 22	3 7	3 5	3 5	2 6	2 6	8 2	8	2 1	6	8	5	4				5	5	5	5			
25	10	99 19	3 2	3 0	2 5	1 8	2 5	8 2	8	2 5	6	8	5	4				5	5	5	5			
25	13	99 83	3 1	2 8	2 2	2 2	2 6	8 4	8	2 5	8	8	8	4				5	5	5	5			
25	16	00 61	3 1	2 7	1 8	1 7	1 9	8 0	7	0 9	2	7	8	4				5	5	5	5			
25	19	00 86	3 2	3 0	2 7	2 7	2 6	8 0	5	2 6	2	5	8	4				5	5	5	5			
25	22	00 85	3 5	3 2	2 6	2 7	3 2	8 1	7	0 2	2	7	5	5				5	5	5	5			
26	01	00 66	3 6	3 4	3 0	2 7	3 5	4 0	8	1 5	8	8	5	5				5	5	5	5			
26	04	00 41	3 7	3 5	3 1	2 8	3 5	4 0	8	5 0	2	8	5	4				5	5	5	5			
26	07	00 10	3 8	3 6	3 2	2 9	3 5	4 0	8	2 1	6	8	5	4				5	5	5	5			
26	10	99 92	3 9	3 8	3 6	2 9	2 9	2 4	8	5 1	5	8	6	3				5	5	5	5			
26	13	00 08	3 7	3 5	3 1	2 7	2 5	8 1	4	1 8	6	4	4	5				5	5	5	5			
26	16	00 34	3 5	3 0	2 1	2 6	3 0	8 1	6	1 8	2	5	8	5				5	5	5	5			
26	19	00 66	3 5	3 2	2 6	2 6	2 2	8 1	8	1 8	2	8	6	5				5	5	5	5			
27	01	00 74	3 9	3 8	3 7	2 9	2 9	2 4	8	1 5	8	2	9	5				5	5	5	5			
27	04	00 82	3 8	3 1	2 7	2 6	2 4	8 0	7	1 5	8	2	9	5				5	5	5	5			
27	07	01 00	3 5	3 5	3 1	2 7	2 7	1 8	8 1	2	1 5	8	2	9				5	5	5	5			
27	10	01 16	3 6	3 0	2 1	2 6	3 0	8 1	1 8	1 8	1 1	6	5	5				5	5	5	5			
27	13	01 05	3 5	3 4	3 3	2 8	1 6	4 0	8	6	8	2	1	5				5	5	5	5			
27	16	00 97	3 4	3 4	3 3	2 8	0 9	4 8	8	6	8	2	0	9				5	5	5	5			
28	01	00 85	3 5	3 5	3 4	2 9	2 9	0 9	8 6	8	5 1	5	6	6	3			5	5	5	5			
28	04	00 74	3 8	3 8	3 7	2 6	2 0	6 4	7	2 0	5	6	6	2	1			5	5	5	5			
28	07	00 89	3 7	3 7	3 6	2 7	1 2	0 8	8	5 1	5	6	6	1				5	5	5	5			
28	10	00 99	3 8	3 8	3 8	2 6	1 7	2 4	8	5 1	6	7	6	3	1			5	5	5	5			
28	13	01 01	3 9	3 9	3 9	2 8	2 2	1 6	8	5 1	5	8	6	2				5	5	5	5			
28	16	01 16	3 9	3 9	3 8	2 8	2 2	0 5	8	5 3	5	8	8	6				5	5	5	5			
28	19	01 26	3 9	3 9	3 9	2 8	2 0	0 6	8	5 1	5	8	8	6				5	5	5	5			
29	01																							

**RESULTS OF SURFACE OBSERVATIONS AT
MACQUARIE ISLAND
FOR THE MONTH OF JULY 1950**

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF AUGUST 1950																													
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	WIND SPEED	VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	CLOUD DIRECTION			MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F	PRECIPITATION	ANEMOMETER	MAXIMUM GUST	DIRECTION	SPEED	SUNSHINE						
													W	Oktas	vv	W	Oktas	C _L	h	C _M	C _H	LOW	MIDDLE	HIGH	MILES	*x10	Kts.	Hours	
01	0 1	0 0 6 6	4 0	4 0	4 0	3 1	1 7	0 1	9	4 5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0 4	0 0 5 3	4 1	4 0	4 0	3 2	1 7	0 1	9	4 5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01	0 7	0 0 3 5	4 0	4 0	4 0	3 1	1 9	0 0	9	4 7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01	1 0	0 0 2 6	4 1	4 1	4 0	3 2	2 4	4 0	8	4 0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01	1 3	0 0 0 7	4 0	3 9	3 9	3 2	2 2	0 1	8	5 1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01	1 6	9 9 9 0	4 0	4 0	4 0	3 2	1 4	0 2	8	6 1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01	1 9	9 9 8 1	4 0	3 9	3 8	1 6	0 4	8 1	2	0 1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01	2 2	9 9 8 5	3 8	3 6	3 2	2 1	0 3	8 1	7	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0 1	9 9 8 2	3 7	3 4	2 9	2 3	0 4	1 2	8	5 1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0 4	9 9 7 2	3 5	3 4	3 1	1 6	0 3	4 8	5	5 0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02	0 7	9 9 7 8	3 4	3 3	3 2	2 8	0 3	0 4	8	4 6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02	1 0	9 9 7 5	3 4	3 4	3 4	0 0	0 0	8 2	7	7 8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02	1 3	9 9 6 0	3 6	3 5	3 5	3 2	0 8	0 0	9	4 7	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02	1 6	9 9 5 3	3 7	3 7	3 7	2 8	0 8	0 6	8	5 3	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02	1 9	9 9 4 6	3 7	3 7	3 7	2 7	0 9	0 8	7	2 0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02	2 2	9 9 4 7	3 7	3 6	3 4	2 0	0 2	8 0	8	2 0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0 1	9 9 5 7	3 6	3 5	3 3	2 9	0 2	8 0	7	0 3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0 4	9 9 5 4	3 6	3 5	3 4	0 3	0 9	8 0	8	0 3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03	0 7	9 9 2 7	3 5	3 5	3 4	0 2	0 5	2 4	8	6 1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03	1 0	9 9 2 5	3 6	3 4	3 2	0 6	0 6	4 0	7	5 0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03	1 3	9 9 2 0	3 7	3 5	3 5	3 2	0 8	0 0	6	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03	1 6	9 9 1 7	3 6	3 4	3 1	1 2	0 3	0 0	8	5 7	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03	1 9	9 9 1 4	3 6	3 4	3 1	1 4	0 3	0 2	8	5 1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0 1	9 9 1 0	3 6	3 4	3 1	1 3	0 0	8 2	6	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0 4	9 9 0 8	3 6	3 4	3 1	0 2	0 3	8 2	2	1 5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04	0 7	9 9 0 5	3 6	3 4	3 1	0 4	0 2	8 2	8	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1 0	9 9 0 2	3 5	3 4	3 3	1 2	0 5	8 1	8	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1 3	9 9 0 1	3 5	3 4	3 3	1 2	0 5	8 1	8	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1 6	9 9 0 0	3 5	3 4	3 3	1 2	0 5	8 1	8	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04	1 9	9 9 0 4	3 5	3 4	3 3	1 2	0 5	8 1	8	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0 1	9 9 0 5	2 7	2 6	2 2	1 7	0 5	8 1	8	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0 4	9 9 0 7	2 8	2 5	2 1	1 8	0 9	8 1	8	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	0 7	9 9 0 5	2 9	2 6	2 1	1 8	0 9	8 1	8	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	1 0	9 9 0 4	2 9	2 6	2 1	1 8	0 9	8 1	8	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	1 3	9 9 0 5	3 0	2 9	2 5	1 8	0 9	8 1	8	0 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	1 6	9 9 0 2	2 9	2 8	2 5	1 8	0 9	8 0	9	7 3	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	1 9	9 9 0 2	2 9	2 8	2 5	1 8	0 9	8 0	9	8 6	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	2 2	9 9 0 2	2 9	2 8	2 5	1 8	0 9	8 0	9	8 5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	2 5	9 9 0 2	2 9	2 8	2 5	1 8	0 9	8 0	9	8 5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	2 8	9 9 0 2	2 9	2 8	2 5	1 8	0 9	8 0	9	8 5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	3 1	9 9 0 2	2 9	2 8	2 5	1 8	0 9	8 0	9	8 5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	3 4	9 9 0 2	2 9	2 8	2 5	1 8	0 9	8 0	9	8 5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	3 7	9 9 0 2	2 9	2 8	2 5	1 8	0 9	8 0	9	8 5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	4 0	9 9 0 2	2 9	2 8	2 5	1 8	0 9	8 0	9	8 5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	4 3	9 9 0 2	2 9	2 8	2 5	1 8	0 9	8 0	9	8 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	4 6	9 9 0 2	2 9	2 8	2 5	1 8	0 9	8 0	9	8 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05	4 9	9 9 0 2	2 9	2 8	2 5	1 8	0 9	8 0	9	8 5	0	0	0																

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF AUGUST 1950**

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF												MACQUARIE ISLAND AUGUST 1950														
DAY	HOUR	STATION PRESSURE		DRY BULB		WET BULB		DEW POINT		WIND DIRECTION		VISIBILITY VV	TOTAL CLOUD OKtas	PRESENT WEATHER OKtas	LOW CLOUD AMOUNT		CLOUD DIRECTION		MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F	PRECIPITATION Points	ANEMOMETER		MAXIMUM GUST		SUNSHINE
		STATION	PRESSURE	DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED x10	Kts.	VV	OKtas			WW	W	OKtas	CL	h	CM	CH	CL	CM	CH	DIRECTION Kts.	SPEED x10	
11	01	00 8 0	4 0	4 0	4 0	2 8	2 2	6 4	8	0 2	8 8	2 2	8 8	6 5	4						6					
11	04	00 9 3	4 0	4 0	4 0	2 8	2 2	6 4	8	0 2	8 8	2 2	8 8	6 5	3						6					
11	07	01 2 0	4 0	4 0	4 0	2 9	2 2	6 2	8	0 2	8 8	2 2	8 8	6 5	3						6					
11	10	01 2 2	4 1	4 1	4 0	2 8	2 4	4 8	8	5 0	8 8	2 2	8 8	6 5	3						6					
11	13	01 1 8	4 1	4 1	4 0	2 9	2 2	4 8	8	5 0	8 8	2 2	8 8	6 5	3						6					
11	16	01 1 7	4 1	4 1	4 0	3 0	2 0	0 8	8	5 1	8 8	2 2	8 8	6 2	2						7					
11	19	01 1 1	4 1	4 1	4 1	3 0	2 9	0 8	8	5 0	8 8	2 2	8 8	6 2	2						7					
11	22	01 0 1	4 1	4 1	4 1	3 1	3 0	1 6	8	6 0	8 8	2 2	8 8	6 2	2						7					
12	01	00 8 5	4 1	4 1	4 0	3 1	2 9	0 8	0	0 1	1 1	0 0	0 0	9 0	0 0						7					
12	04	00 6 5	4 1	4 1	4 1	3 1	3 0	3 0	8	0 3	1 1	0 0	0 0	9 4	0 0						7					
12	07	00 5 3	4 2	4 2	4 1	3 0	3 1	4 0	7	0 2	2 2	1 1	6 3	7 0	0						9					
12	10	00 5 5	4 2	4 2	4 2	3 1	3 3	8 0	7	0 5	2 0	0 0	0 0	9 7	0						7					
12	13	00 4 4	4 2	4 2	4 2	3 1	3 5	4 8	8	6 1	6 6	4	5	5 2	2						6					
12	16	00 5 5	4 2	4 2	4 1	3 0	2 6	1 6	8	5 0	6 6	6	2	2	0						6					
12	19	00 6 4	4 1	4 1	4 1	3 1	2 0	1 6	8	6 1	6 6	6	2	2	0						7					
12	22	00 5 5	4 1	4 1	4 1	3 1	2 4	1 6	8	6 1	6 6	6	2	2	0						7					
13	01	00 4 9	4 2	4 1	4 1	3 1	2 8	0 8	8	6 1	6 6	6	2	2	0						7					
13	04	00 4 2	4 1	4 1	4 1	3 1	2 8	0 8	8	6 1	6 6	6	2	2	0						7					
13	07	00 3 6	4 1	4 1	4 1	3 2	2 8	0 8	8	6 1	6 6	6	2	2	0						7					
13	10	00 4 5	4 1	4 1	4 0	3 1	2 4	4 0	8	0 2	1 1	0 0	0 0	9 3	0 0						7					
13	13	00 3 3	4 2	4 2	4 1	3 2	2 6	8 0	9	1 5	2 2	3 3	7	3 5	7						7					
13	16	00 1 5	4 3	4 3	4 2	3 2	3 2	3 1	1 2	8	5 5	6 7	7	7	2	2					7					
13	19	00 6 1	3 9	3 9	3 8	3 0	0 9	6 4	8	0 2	6 8	5 4	4	5 4	4	0					6					
13	22	00 7 9	4 0	5 9	5 9	3 1	1 4	6 4	6	2 1	6 1	5 4	4	0	0	6					9					
14	01	01 0 0	3 9	3 9	3 9	5 9	3 0	1 0	8 2	1	0 2	0 1	1	5	4	0	0				9					
14	04	01 2 5	3 9	3 8	3 6	3 6	2 8	2 0	4 0	7	8 0	6 7	8	4	4	0	0				7					
14	07	01 6 9	3 8	3 7	3 5	2 5	2 3	8 2	1	0 1	8 1	7	8	4	4	0	0				5					
14	10	02 0 7	3 9	3 9	3 8	2 9	2 8	1 4	8 2	4	0 5	0 0	0 0	9 0	0 0						7					
14	13	02 0 4	4 0	5 8	5 6	3 2	1 6	8 1	4	0 5	1 0	0 0	0 0	9 4	4 8						9					
14	16	01 9 8	4 0	5 8	5 5	3 3	1 8	8 1	4	0 5	2 0	0 0	0 0	9 4	7 7						6					
14	19	01 8 1	4 0	5 9	5 6	3 2	2 6	8 0	8	0 5	2 0	0 0	0 0	9 5	7 7						9					
14	22	01 5 7	4 1	4 0	5 8	3 2	3 0	8 1	7	0 2	2 0	0 0	0 0	9 5	7 7						9					
15	01	01 4 0	4 1	4 0	5 9	3 2	3 2	8 2	8	2 0	3 0	1 0	0 0	9 9	7 0						9					
15	04	01 2 0	4 1	4 0	5 9	3 2	3 2	3 5	4 0	8	0 3	2 8	8	5 5	5 5	7					5					
15	07	01 0 8	4 0	4 0	4 0	3 1	3 0	0 8	8	5 3	5 8	6	3	6	3	2				6						
15	10	01 4 5	3 5	3 4	3 2	2 3	0 6	5 6	8	5 9	6 5	1	1	7	2	2				5						
15	13	01 4 0	3 7	3 6	3 5	2 9	0 6	5 1	8	0 5	6 4	4	4	4	3	0				6						
15	16	01 4 4	3 8	3 7	3 5	2 8	1 4	8 0	8	1 5	1 2	2	8	4	3	0				6						
15	19	01 5 1	3 5	3 4	3 2	2 6	1 7	8 1	8	2 0	2 2	1	2	4	4	0				6						
15	22	01 5 0	3 5	3 5	3 5	2 6	2 8	2 2	8 1	2	0 2	1 2	2	8	4	0	0			6						
16	01	01 2 6	3 5	3 5	3 3	2 4	2 7	0 2	9	7 3	6 9	2 0	0 0	0 0	9 0	0 0					6					
16	04	01 4 3	3 6	3 5	3 3	2 6	1 8	8 0	6	6 8	6 6	6	8	5 0	0 0					6						
16	07	01 6 5	3 6	3 4	3 2	2 5	2 6	2 6	8 0	5 8	8 5	8 5	8 5	5 0	0 0					5						
16	10	01 9 9	3 6	3 2	2 4	2 6	2 9	2 0	8 0	7 1	8 8	8 5	8 5	5 0	0 0					6						
16	13	02 1 4	3 7	3 4	2 8	2 5	2 0	8 1	3	0 1	2 3	3 5	5 5	5 0	0 0					6						
16	16	02 1 8	3 8	3 5	3 2	2 9	2 3	8 1	7	0 3	2 7	5 5	5 5	5 0	0 0					9						
16	19	02 1 2	3 9	3 8	3 6	3 6	2 9	2 3	8 0	8	0 3	2 8	8 8	4 4	0 0					6						
16	22	02 1 5	4 0	3 9	3 8	2 9	2 4	8 0	6	1 5	2 2	2 2	2 2	4 4	4	0				6						
17	01	02 1 8	4 0	3 9	3 8	2 9	2 4	4 0	8	0 2	5 8	8 8	5 5	4 4	4	0	0			7						
17	07	02 2 3	4 0	3 9	3 8	2 8	2 4	4 0	4 0	7	6 0	6 7	7	5 5	4 4	0	0			7						
17	10	02 2 4	4 0	3 9	3 7	2 9	2 1	6 4	7	6 0	6 7	7	5 5	5 0	0	0				7						
17	13	02 1 1	4 0	3 9	3 7	2 9	2 8	8 0	8	2 5	8 7	8	7	8	5	0				6						
17	16	01 9 7	4 0	3 9	3 6	3 0	2 3	8 1	4	0 1	1 1	1	4	4	5	0				7						
17	19	01 7 2	4 1	4 0	3 8	3 1	3 1	8 1	5	0 1	8 3	5 5	5 5	5 0	0					7						
17	22	01 5 6	4 0	3 9	3 1	3 1	8 1	5	0 2	0 0	0 0	0 0	9 0	0 0						4 2						
18	01	01 3 0	4 1	4 0	3 9	3 1	3 5	8 2	8	1 0	3 0	0 0	0 0	9 7	0 0						9					
18	04	00 9 2	4 1	4 0	3 9	3 1	3 7	1 6	8	5 1	6 8	8	8	8	8	0				7						
18	07	00 5 6	4 1	4 1	4 0	3 1	3 7	8 0	8	5 1	5 9	5 8	6	2	2	0				7						
18	10	00 9 9	4 2	4 1	4 0	3 1	4 3	1 6	8	5 4	6 6	6	0	1	2	2				7						
18	13	00 9 5	4 1	4 1	4 0	3 1	4 4	1 6	8	5 5	6 8	6	0	1	2	2				7						
18	16	00 9 3	3 5	3 5	3 5	2 4	1 7	2 4	8	5 8	6 6	3	7	2	2	2				6						
18	19	00 9 3	3 7	3 6	3 6	2 2	1 1	2 4	8	7 0	7 3	7	3	4	3	0				6						
19	01	00 9 0	3 2	3 2	3 0	2 6	2 6	1 6	8	8 6	8 6	8 8	8	8	4	4	0			5						
19	04	00 9 3	3 1	2 8	2 8	2 5	4 1	4 0	7	8 5	8 7	8	7													

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF AUGUST 1950																														
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB		WET BULB		DEW POINT	WIND DIRECTION		WIND SPEED		VISIBILITY		TOTAL CLOUD	PRESENT WEATHER	FIST WEATHER	AMOUNT	TYPE	HEIGHT	CLOUD DIRECTION			MAXIMUM TEMPERATURE			PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE
			LST.	Mbs.	"F	"F		"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	C _L	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
21	01	9 7 3 6	2 7	2 5	1 9	2 5	4 8	2 0		7	7 3	7	7	2	4	0	0	6												
21	04	9 7 4 2	2 5	2 4	1 9	1 8	2 0	0 6		9	7 3	7	9	0	0	0	0	0												
21	07	9 8 2 2	2 5	2 4	1 9	1 8	3 0	0 0		9	7 5	7	9	4	4	0	0	4												
21	10	9 9 0 8	2 8	2 5	1 6	1 6	2 8	6 4		6	2 6	8	6	8	4	0	0	0												
21	13	9 9 7 0	2 6	2 3	1 4	1 8	1 0	0 0		6	1 6	8	6	9	4	0	0	4												
21	16	0 0 1 8	2 2	2 1	1 6	2 0	1 8	1 6		6	8 5	8	6	9	4	0	0	5												
21	19	0 0 4 3	2 4	2 1	1 0	2 1	0 9	0 0		7	2 6	8	7	5	5	0	0	5												
22	01	0 0 1 5	3 1	2 9	2 0	2 9	1 9	8 1		8	0 2	8	4	5	4	0	0	6												
22	04	9 9 6 9	3 4	3 2	2 8	3 0	2 4	8 0		8	7 1	8	7	5	4	1	1	6												
22	07	9 9 1 2	3 8	3 7	3 5	3 1	2 8	8 1		8	0 2	6	7	5	3	1	1	7												
22	10	9 8 5 5	4 0	3 9	3 7	3 1	3 5	4 0		8	6 1	6	8	5	3	1	1	7												
22	13	9 7 9 5	4 0	4 0	3 8	3 5	3 4	4 0		8	6 0	6	8	5	3	1	1	7												
22	16	9 7 7 8	4 0	3 8	3 5	3 5	2 9	8 0		8	2 1	6	8	5	5	1	1	7												
22	19	9 7 6 1	3 9	3 8	3 6	2 9	3 5	1 6		8	6 1	6	8	6	3	1	1	7												
22	22	9 7 5 0	3 4	3 4	3 3	2 6	2 4	0 4		8	6 9	6	8	6	2	1	1	6												
23	01	9 7 4 2	3 1	3 0	2 8	2 1	1 0	0 0		7	7 1	7	7	7	4	0	0	5												
23	04	9 7 9 9	2 6	2 3	1 3	1 3	2 6	8 1		5	2 2	7	5	4	0	0	0	5												
23	07	9 8 8 0	2 1	1 9	1 3	2 3	2 5	6 4		6	7 1	7	6	3	4	0	0	5												
23	10	9 9 3 3	1 8	1 7	1 7	2 4	2 2	0 8		6	7 0	8	6	3	2	1	1	6												
23	13	9 9 9 6	2 0	1 8	0 9	2 2	2 6	4 0		7	2 6	8	7	5	4	0	0	5												
23	16	0 0 5 1	2 2	1 9	0 9	2 3	2 5	8 0		7	8 5	8	7	4	0	0	0	5												
23	19	0 0 9 9	2 4	2 2	1 2	2 0	2 0	8 0		7	8 5	8	7	8	4	0	0	5												
23	22	0 1 1 8	2 7	2 4	1 5	2 5	2 5	8 1		7	1 5	8	7	8	4	0	0	6												
24	01	0 1 3 3	3 0	2 8	2 4	2 5	2 4	8 1		8	0 2	2	8	5	4	0	0	6												
24	04	0 1 3 5	3 0	3 0	2 4	2 7	2 6	8 0		8	0 2	2	8	5	4	0	0	6												
24	07	0 1 4 1	3 5	3 2	2 6	2 6	2 3	8 1		7	0 1	2	7	5	4	0	0	6												
24	10	0 1 5 4	3 6	3 2	2 7	2 7	2 4	8 0		7	0 3	2	7	5	4	2	0	6												
24	13	0 1 3 4	3 9	3 8	3 5	2 9	2 2	8 0		8	5 1	5	8	6	2	1	1	6												
24	16	0 1 3 0	4 0	3 9	3 8	2 7	2 1	2 4		8	5 0	5	8	6	3	1	1	6												
24	19	0 1 2 5	4 0	4 0	3 9	2 8	2 6	2 1		8	5 0	5	8	6	3	1	1	6												
24	22	0 1 1 4	4 1	4 0	3 9	2 4	2 5	2 4		8	2 0	5	8	6	3	1	1	6												
25	01	0 1 0 0	4 1	4 1	4 0	2 9	2 6	2 6		8	0 2	2	8	5	4	0	0	6												
25	04	0 0 8 3	4 1	4 1	4 1	3 0	2 5	5 4		8	0 2	2	8	5	3	1	1	6												
25	07	0 0 6 7	4 1	4 1	4 0	3 1	2 9	5 2		8	6 0	6	8	6	3	1	1	6												
25	10	0 0 4 0	4 1	4 1	4 0	3 1	3 1	1 6		8	6 1	5	8	6	3	1	1	6												
25	13	0 0 1 4	4 2	4 1	4 1	2 9	3 1	4 1		8	2 1	6	8	6	3	1	1	6												
25	16	0 0 2 3	4 1	3 9	3 7	2 8	3 4	4 0		8	0 2	5	8	6	4	1	2	6												
25	19	0 0 6 9	4 0	3 9	3 7	2 5	3 0	8 0		8	2 1	2	5	9	3	1	2	6												
25	22	0 1 1 3	3 8	3 7	3 6	2 5	2 7	4 0		8	5 0	5	8	6	3	1	2	6												
26	01	0 1 4 1	3 7	3 7	3 6	2 5	2 1	4 0		8	5 1	5	8	6	3	1	2	6												
26	04	0 1 4 3	3 7	3 7	3 6	2 8	1 7	1 6		8	5 1	5	8	6	2	1	2	6												
26	07	0 1 4 3	3 7	3 7	3 7	2 8	1 7	1 6		8	5 1	5	8	6	2	1	2	6												
26	10	0 1 1 4	3 9	3 9	3 2	3 2	2 1	4 0		8	5 0	5	8	6	3	1	2	6												
26	13	0 0 7 2	4 1	4 1	4 0	3 0	2 1	1 6		8	2 8	4	8	6	0	0	0	0	0											
26	16	0 0 1 9	4 2	4 1	4 0	3 1	3 0	2 4		8	2 0	5	8	6	2	1	2	6												
26	19	9 9 6 9	4 2	4 2	4 2	4 1	3 4	4 0		8	0 2	2	8	6	3	1	2	6												
26	22	9 9 3 2	4 3	4 2	3 9	3 2	2 5	3 5		8	0 2	6	8	6	3	1	2	6												
27	01	9 9 1 6	4 2	4 1	3 6	3 1	3 2	8 0		8	0 1	5	8	6	3	1	2	6												
27	04	9 8 9 6	4 2	4 1	4 0	3 1	3 5	8 0		8	0 3	1	8	6	4	1	0	6												
27	07	9 8 6 9	4 2	4 2	4 1	4 0	3 1	3 5		8	2 0	5	8	6	4	0	0	6												
27	10	9 8 0 9	3 9	3 9	3 8	3 8	3 0	8 0		8	0 2	2	8	5	5	4	0	0	6											
27	13	9 8 2 4	3 9	3 8	3 6	3 0	5 0	1 6		8	6 0	6	8	7	3	2	0	6												
27	16	9 8 7 5	3 8	3 6	3 2	2 7	5 1	4 0		7	2 5	8	7	8	4	0	0	6												
27	19	9 9 0 9	5 7	3 5	3 1	2 7	2 8	4 0		7	5 5	8	7	8	4	0	0	6</												

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF AUGUST 1950

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	CLOUD DIRECTION			MAXIMUM GUST	SUNSHINE				
						DIRECTION	SPEED						LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH			
LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Oktas	ww	W	Oktas	C _L	C _M	C _H	"F	"F	Points	Miles	*x10	Kts.	Hours
31	01	0108	39	39	39	30	16	16	8	50	2	8	6	3							
31	04	0109	39	39	39	30	11	16	8	50	2	8	5	3							
31	07	0106	40	39	38	31	14	64	8	02	2	2	8	6							
31	10	0102	40	39	39	53	20	80	7	02	2	2	5	6							
31	13	0100	40	39	37	32	15	80	8	02	2	2	8	6							
31	16	0087	39	37	32	32	24	R1	8	02	2	2	5	4							
31	19	0073	39	37	32	33	26	80	8	02	2	2	8	6							
31	22	0061	40	38	36	35	21	80	8	02	2	2	5	5							

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF MACQUARIE ISLAND SEPTEMBER 1950																							
DAY	HOUR	STATION LEVEL PRESSURE			WIND			VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	LOW CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
		DST.	Mbs.	"F	"F	"F	x10	Kts.	VV	Oktas	ww	W	Oktas	C _L	h	LOW	MIDDLE	HIGH	°F	°F	Points	Miles	"x10 Kts.
01	01	00 4 2	41	40	39	35	1 9	80	8	0 2	2	8	5	5		7	7	7					
01	04	00 1 1	40	40	40	34	2 9	80	8	1 8	2	8	7	4		7	7	7					
01	07	99 9 5	41	40	39	34	6 4	8	1 8	2	8	5	4										
01	10	99 7 2	42	41	41	35	3 1	6 4	8	6 1	6	7	7	3	2	8	8	9					
01	13	99 4 6	42	41	40	34	3 1	6 5	8	6 1	6	7	7	3	2	8	8	9					
01	16	99 3 3	42	41	40	34	3 0	1 6	8	6 3	6	7	7	3	2	8	8	9					
01	19	99 1 6	42	42	41	34	5 4	0 8	8	6 5	6	8	7	3	2	8	8	9					
01	22	98 8 9	43	42	41	33	5 4	0 8	8	6 3	6	9	7	2		7	7	7					
02	01	98 7 4	42	42	42	34	2 6	2 4	8	1 8	6	8	6	2		7	7	7					
02	04	98 5 8	43	43	42	34	2 4	1 6	8	5 0	5	8	6	2		7	7	7					
02	07	98 4 6	41	41	41	34	1 7	0 1	9	4 7	4	9	0	0									
02	10	98 4 7	40	40	39	34	1 5	1 2	8	5 1	5	8	6	2									
02	13	98 4 4	39	38	36	34	1 7	4 8	8	5 0	5	8	6	4		8	8	8					
02	16	98 4 8	38	38	38	34	0 0	0 1	9	4 5	2	9	0	0									
02	19	98 7 5	39	38	37	1 5	1 9	2 4	8	2 1	6	7	7	2	2	3	9	9					
02	22	99 0 2	35	35	34	1 5	3 4	1 6	8	6 1	6	8	6	3		4	4	9					
03	01	99 4 6	35	35	34	1 4	3 4	1 6	8	6 1	6	7	7	3	2	0	0	0					
03	04	99 8 0	34	33	31	1 5	3 0	8 0	7	2 1	6	7	5	4	0	0	0	0					
03	07	00 2 4	54	53	50	1 5	7	4 0	5	0 1	2	2	5	4	0	0	0	0					
03	10	00 5 4	54	52	2 8	2 8	2 1	8 2	5	0 1	2	6	5	4	0	0	0	0					
03	13	00 7 5	55	54	3 0	1 6	0 9	8 2	2	0 1	2	2	5	4	0	0	0	0					
03	16	00 8 6	55	53	2 9	2 5	0 4	8 2	4	0 3	0	0	0	9	0	0	6	6					
03	19	00 8 9	56	54	3 1	2 8	1 4	8 2	5	0 3	2	0	0	9	1	1	6	6					
03	22	00 7 7	58	57	3 3	2 8	2 4	8 1	8	0 3	2	5	5	4	1	1	6	9					
04	01	00 6 5	59	58	5 6	2 9	2 9	4 0	7	0 2	2	7	5	4	0	0	7	9					
04	04	00 4 5	59	59	3 9	2 9	2 9	1 6	8	6 1	6	8	6	3									
04	07	00 4 1	40	40	3 9	2 9	2 8	1 6	8	6 1	6	8	6	3									
04	10	00 3 5	40	40	4 0	2 8	2 2	1 6	8	6 1	6	8	6	2									
04	13	00 1 9	40	40	3 9	2 8	2 4	1 6	8	2 0	5	8	6	2									
04	16	99 9 4	41	41	4 0	2 8	2 5	0 8	8	5 3	5	8	6	2									
04	19	99 9 8	40	39	5 8	2 8	2 1	2 4	8	5 1	5	8	6	4									
04	22	00 0 5	40	38	5 6	2 6	2 7	4 0	8	0 2	5	8	6	4									
05	01	00 0 5	59	58	3 6	2 5	2 6	4 0	8	5 0	5	8	6	4									
05	04	00 1 2	58	58	3 8	2 5	1 2	1 6	8	0 2	2	8	6	2									
05	07	00 0 0	59	59	3 8	2 5	1 0	0 8	8	5 3	5	8	6	2									
05	10	99 7 1	40	40	4 0	3 1	1 7	0 8	8	6 1	5	8	6	2									
05	13	99 3 9	40	40	4 0	3 1	1 9	0 4	8	6 0	6	8	6	1									
05	16	98 5 9	41	41	4 0	3 5	2 0	0 8	8	6 1	6	8	6	2									
05	19	98 4 4	41	41	4 0	2 5	2 5	2 4	8	2 0	6	8	6	2									
05	22	98 4 4	59	59	3 7	2 8	3 0	4 0	8	2 1	5	8	5	4									
06	01	98 4 1	40	39	5 8	2 8	3 0	4 0	8	0 2	2	8	6	4									
06	04	98 1 3	40	40	4 0	3 0	2 5	0 2	8	4 6	4	8	6	1									
06	07	98 0 7	40	39	3 8	2 9	3 0	1 6	8	5 1	4	8	6	3									
06	10	98 2 1	59	38	3 5	2 8	3 3	4 0	8	8 0	6	8	6	3									
06	13	98 1 8	59	37	3 2	2 7	3 6	4 0	8	2 5	6	8	6	4									
06	16	98 3 4	38	36	3 2	2 6	4 2	3 2	8	8 0	7	6	4	2									
06	19	98 7 1	36	35	3 3	2 5	4 4	4 0	8	2 5	6	8	5	5									
06	22	99 0 8	37	35	3 0	2 5	3 3	6 4	8	0 2	2	8	5	5									
07	01	99 3 3	37	35	3 0	2 5	2 7	8 0	4	0 2	2	4	8	5	0	0	5	5					
07	04	99 5 6	58	57	3 5	2 6	2 6	2 4	8 0	5 0	1	2	8	5	1	0	5	5					
07	07	99 3 5	58	57	3 7	2 8	2 6	2 1	8 0	7 0	2	2	6	4	7	0	5	9					
07	10	99 0 4	59	59	3 8	3 5	3 5	2 4	8 0	5 8	5	8	6	3									
07	13	98 4 8	41	41	4 0	3 2	2 1	4 0	8	5 8	5	8	6	3									
07	16	97 8 1	40	40	4 0	3 3	2 2	0 2	8	6 3	6	8	6	1									
07	19	96 8 2	42	42	4 2	3 2	2 2	0 2	8	6 2	6	8	6	1									
07	22	96 7 0	41	40	3 9	2 9	3 2	4 2	6 4	8	0 2	2	0	0	9	2	0	5					
08	01	96 7 5	41	39	3 6	2 6	4 8	4 8	8 0	3 0	4 0	2	4	8	4	2	0	0	7				
08	04	96 7 7	40	39	3 7	2 9	4 8	4 8	8 0	3 0	3 0	2	4	8	4	1	2	2	7				
08	07	96 7 0	41	40	3 9	3 0	3 5	2 8	2 3	8 1	1 2	0 3	2	0	0	9	2	0	6				
08	10	96 1 4	41	41	3 0	4 6	2 4	8 0	7	0 3	2	0	0	9	2	0	0	6					
08	13	96 0 9	41	39	3 7	2 9	5 0	2 4	8 0	4 4	2	5	6	2	3	4	3	0	6				
08	16	95 9 4	38	36	3 7	2 8	5 3	2 4	8 0	4 0	2	8	6	4	2	0	0	6					
08	19	97 0 4	36	36	3 6	2 6	3 9	0 2	8 0	8 6	2	8	6	4	0	0	6	6					
08	22	97 4 3	39	39	3 8	2 7	3 6	8 0	3	0 1	2	3	5	4	0	0	6	6					
09	01	97 7 0	37	37	3 6	2 7	2 7</																

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF**

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF												MACQUARIE ISLAND SEPTEMBER 1950										
DAY	HOURLY	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND DIRECTION	WIND SPEED	VISIBILITY	TOTAL CLOUD	PRES- ENT WEATHER	PAST WEATHER	LOW CLOUD	CLOUD DIRECTION	MIDDLE CLOUD	HIGH CLOUD	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITA- TION	ANEMOMETER	MAXIMUM GUST		
LST.	Mbs.	"F.	"F.	"F.	*x10	Kts.	VV	Oktas	vv	W	Oktas	C.L.	h	Cm	Cm	CH	"F.	"F.	Points	Miles	*x10 Kts.	SUNSHINE Hours
11	0 1	9 9 6 7	3 6	3 3	2 3	2 8	2 1	8 0	5	0 1	1	5	4	5	0	6	6	6				
11	0 4	9 9 9 0	3 5	3 4	3 2	2 9	1 2	8 0	2	0 1	1	2	5	4	0	0	6	6				
11	0 7	0 0 3 6	3 5	3 4	3 2	2 9	1 3	8 1	6	2 6	7	5	4	4	0	0	6	6				
11	1 0	0 0 6 8	3 8	3 5	3 1	3 1	1 9	8 2	3	0 2	1	2	6	5	4	0	0	6				
11	1 3	0 0 6 8	3 9	3 7	3 3	3 0	2 1	8 1	8	0 3	1	1	8	4	0	0	6	6				
11	1 6	0 0 4 0	3 9	3 7	3 5	3 3	2 8	8 0	8	6 1	2	8	0	5	3	3	7	6				
11	1 9	0 0 1 3	4 1	4 0	3 9	3 2	2 6	2 4	8	6 1	6	7	7	4	2	2	7	9				
11	2 2	0 0 1 4	4 2	4 1	4 0	3 2	2 5	4 0	8	2 5	8	8	6	4	0	0	7	7	4 3	3 3	0 0 0 5	
12	0 1	0 0 1 6	4 1	4 1	4 0	3 2	2 4	8 0	4	2 1	6	4	5	5	0	0	7	7		7 7 0	3 3 5 3 0 5 2	
12	0 4	9 9 9 5	4 2	4 1	4 1	3 3	3 1	8 4	8	0 2	6	6	7	3	5	2	7	9				
12	0 7	9 9 8 5	4 2	4 1	4 0	3 3	3 4	8 4	8	6 0	6	8	6	3	0	0	7	7				
12	1 0	9 9 6 2	4 2	4 2	4 1	3 3	3 4	8 0	8	6 2	6	8	6	3	0	0	7	7				
12	1 3	9 9 4 1	4 2	4 2	4 2	3 3	3 8	8 0	8	6 1	5	8	6	3	0	0	7	7				
12	1 6	9 9 4 8	4 0	4 0	3 1	2 6	1 6	8 1	8	6 1	6	6	7	3	2	2	7	9				
12	1 9	9 9 5 5	3 9	3 6	3 1	2 9	2 3	5 4	8	2 5	6	2	7	3	2	2	7	9				
12	2 2	9 9 4 9	3 7	3 6	3 4	3 2	2 6	5 4	8	0 2	2	3	6	3	0	0	7	9				
13	0 1	9 9 5 7	3 7	3 5	3 2	3 0	2 6	8 0	7	8 6	8	7	8	4	0	0	6	6	4 3	3 5	0 0 1 2	
13	0 4	9 9 8 8	3 5	3 1	2 3	2 8	2 8	8 0	5	0 1	2	5	4	6	0	0	6	6	7 5 0	3 3 5 5 0 0 0		
13	0 7	0 0 1 5	3 1	3 0	2 7	2 8	3 0	8 1	6	8 5	8	5	3	4	6	0	5	5				
13	1 0	0 0 4 9	3 0	2 9	2 8	2 8	3 2	0 2	9	8 6	8	9	0	0	0	5	5					
13	1 3	0 0 9 8	3 2	2 8	1 8	2 7	3 0	8 2	7	0 2	2	8 7	8	4	0	0	6	6				
13	1 6	0 1 4 8	3 5	3 5	3 0	2 7	2 6	8 2	7	2 6	8	7	8	5	3	0	6	6	9			
13	1 9	0 1 8 5	3 6	3 5	3 4	2 7	2 5	8 1	7	2 6	8	7	8	6	0	0	6	6	3 8	2 8	0 0 2 3	
13	2 2	0 2 0 5	3 7	3 6	3 5	2 7	2 4	8 1	8	0 2	8	8	5	7	0	0	6	6	6 2 2	2 7	7 7 0 2 1	
14	0 1	0 2 1 2	3 6	3 6	3 5	2 8	2 3	8 0	7	8 0	8	7	8	5	0	0	6	6	3 8	2 8	0 0 0 4	
14	0 4	0 2 1 3	3 7	3 6	3 5	2 7	2 4	8 0	7	8 0	8	7	8	4	0	0	6	6	4 5 9	2 9 4 0 0 0 4		
14	0 7	0 2 1 5	3 7	3 6	3 6	2 8	2 2	6 4	7	8 0	8	7	8	3	0	0	6	6				
14	1 0	0 2 0 2	3 6	3 6	3 5	2 7	2 6	8 0	7	8 3	8	7	8	3	0	0	6	6				
14	1 3	0 1 8 6	3 9	3 8	3 5	2 7	2 3	8 0	7	1 5	8	5	8	3	6	0	6	6	9			
14	1 6	0 1 8 8	3 6	3 6	3 6	2 6	2 5	8 0	7	2 5	8	6	8	3	5	6	0	6	6			
14	1 9	0 1 9 0	3 7	3 5	4 5	2 5	2 3	8 1	4	0 1	2	4	8	5	0	0	6	6	3 9	3 4	0 0 0 4	
14	2 2	0 2 0 4	3 5	5 5	4 2	2 1	6 4	7	8 5	2	7	8	5	0	0	5	5	0	6			
15	0 1	0 2 1 1	3 5	5 5	3 4	2 5	1 3	6 4	7	8 0	8	7	4	5	0	0	6	6				
15	0 4	0 2 1 3	3 6	5 5	3 3	2 6	1 6	8 0	7	2 5	8	7	4	5	0	0	6	6				
15	0 7	0 2 1 9	3 5	5 5	3 3	2 5	1 6	8 1	7	8 3	8	7	8	4	3	0	6	6	6			
15	1 0	0 2 2 6	3 7	3 6	3 4	2 7	1 2	4 0	7	8 3	8	7	8	3	0	0	6	6	6			
15	1 3	0 2 1 4	3 7	3 5	3 1	2 7	1 3	8 0	7	2 5	8	8	8	4	0	0	6	6	6			
15	1 6	0 2 1 3	3 8	3 7	3 4	2 5	1 0	8 1	7	0 2	2	3	5	5	7	0	0	6	6	6		
15	1 9	0 2 1 3	3 7	3 7	3 6	3 0	0 3	8 1	7	0 2	2	4	5	4	7	0	0	6	6	4 1	3 4 0 0 0 4	
15	2 2	0 2 0 9	3 8	3 7	3 7	2 9	0 2	8 0	8	0 5	2	1	5	4	7	0	0	6	6	2 1 1	2 5 3 0 0 1 6	
16	0 1	0 1 9 8	3 9	3 8	3 6	2 9	0 4	8 0	8	0 1	0	0	9	9	7	0	0	6	6			
16	0 4	0 1 9 0	3 9	3 9	3 8	3 1	1 0	6 4	8	0 2	2	8	6	5	3	0	0	7	7			
16	0 7	0 1 7 8	4 0	4 0	3 5	0 8	0 2	9 4	9	4 7	2	9	0	0	0	0	6	6				
16	1 0	0 1 7 2	4 1	4 1	4 1	2 7	0 6	0 1	9	4 7	4	9	0	0	0	0	6	6				
16	1 3	0 1 5 3	4 1	4 1	4 1	2 7	1 0	0 1	9	4 5	4	9	0	0	0	0	6	6				
16	1 6	0 1 4 2	4 0	4 0	3 9	2 8	0 9	0 1	9	4 5	4	9	0	0	0	0	6	6				
16	1 9	0 1 3 5	4 1	4 1	4 0	2 8	0 9	0 0	9	4 7	4	9	0	0	0	0	6	6				
16	2 2	0 1 1 6	4 0	4 0	3 1	0 3	1 7	0 1	9	6 1	4	9	0	0	0	0	6	6				
17	0 1	0 1 1 0	4 0	4 0	3 0	1 3	0 1	9	4 7	6	9	0	0	0	0	0	6	6				
17	0 4	0 1 1 1	4 1	4 1	4 0	2 8	1 0	0 1	9	4 5	4	9	0	0	0	0	6	6				
17	0 7	0 1 1 8	3 9	3 9	2 7	0 8	0 6	5	2 8	4	6	6	2	0	0	6	6	6				
17	1 0	0 1 2 9	4 0	4 0	3 0	0 6	0 8	8	4 0	4	7	6	1	1	1	1	6	6	9			
17	1 3	0 1 2 6	4 1	4 1	4 1	3 2	0 5	4 0	8	4 0	4	6	5	5	5	0	0	7	7	9		
17	1 6	0 1 2 0	3 9	3 9	3 9	3 1	0 3	0 4	6	4 2	4	0	0	9	7	0	0	7	7	9		
17	1 9	0 1 1 3	3 9	3 9	3 9	2 7	0 1	0 1	9	6 2	6	9	0	0	0	0	0	6	6			
17	2 2	0 1 0 0	4 0	4 0	0 1	0 1	0 3	9	5 3	6	9	0	0	0	0	0	6	6				
18	0 4	0 0 5 6	4 0	4 0	3 5	1 4	0 8	8	2 8	4	8	6	5	5	8	0	0	4 2	3 8	0 0 0 6	1 5 5	
18	0 7	0 0 5 2	4 1	4 1	4 0	3 4	1 5	0 1	9	4 7	4	9	0	0	0	0	6	6				
18	1 0	9 9 9 3	4 1	4 1	4 1	0 0	0 0	0 4	5 1	5 1	5 6	6	1	0	0	0	6	6				
18	1 3	9 9 6 4	4 0	4 0	4 0	1 5	1 4	0 3	9	5 1	5 1	5 9	6	0	0	0	6	6				
18	1 6	9 9 6 4	3 9	3 9	3 9	1 5	2 1	6 4	8	2 8	5	4	7	3	3	7	0	0	4 1	3 7	0 0 1 1	2 7 9
18	1 9	0 0 0 6	3 9	3 9	3 7	1 4	1 2	8 1	2	0 1	2	1	6	3	3	0	0	6	6			
18	2 2	0 0 4 8	3 7	3 6	3 6	1 7	0 7	8 2	2	1 1	1	2	6	2	0	0	6	6				
19	0 1	0 0 7 2	3 4	3 4	3 4	0 4	0 3	8 2	1	1 2	1	1	6	3	0	0	6	6	5			
19	0 4	0 0 8 8	3 5	3 5	3 4	2 4	1 0	8 2	7	2 0	5	7	5	3	0	0	6	6	6			
19	0 7	0 1 0 1	3 6	3 5	3 3	2 6	1 5	8 1	7	2 0	5	7	5	3	0	0	6	6	6			
19	1 0	0 1 2 1	3 7	3 6	3 4	2 7	1 6	8 1	7	0 3	2	6	8	3	0	0	6	6	6			
19	1 3	0 1 2 8	3 8	3 6	3 2	2 6	1 5	8 1	6	0 1	2	3	4	4	5	0	6	6	6			
19	1 6	0 1 3 1	3 9	3 9	3 7	3 1	0 5	8 2	2	0 1	1	1	5	5	3	0	6	6	6			
19	1 9	0 1 3 7	3 7	3 6	3 4	3 2	0 7	8 2	2	0 1	1	1	5	5	3	0	6	6	6			
19	2 2	0 1 2 3	3 8	3 7	3 6	3 3	0 8	8 1	5	1	1	1	5	6	3	0	6					

		RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND SEPTEMBER 1950																					
DAY	HOUR	STATION LEVEL PRESSURE		DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	CLOUD DIRECTION		LOW CLOUD	MIDDLE CLOUD	HIGH CLOUD	MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE
		DRY BULB °F	WET BULB °F		DIRECTION	SPEED *x10	Kts.	VV	Oktas	WW	Oktas	C_L	h	C_M	C_H	C_L	C_M	C_H	Miles	Direction	Speed Kts.		
21	01	98.85	3.9	57	34	27	13	64	8	21	6	0	7	0	0	9	2	9					
21	04	98.89	3.9	56	31	28	26	40	7	03	0	7	8	8	4	1	0	6	6	6			
21	07	99.39	3.6	53	27	25	26	82	3	26	7	3	8	8	8	5	5	0	6	6			
21	10	99.98	3.5	53	29	26	30	82	4	85	8	4	5	8	5	5	5	0	6	6			
21	13	00.34	3.9	55	29	27	28	81	3	01	1	1	1	1	1	1	1	0	6	6			
21	16	00.61	3.8	37	33	28	25	81	7	26	8	7	2	5	5	5	5	0	6	6			
21	19	00.77	3.8	35	35	28	26	81	3	01	1	1	1	5	5	6	6	0	6	6			
21	22	00.81	4.1	39	56	29	26	80	7	02	2	7	5	5	5	5	5	42	34	0061	637		
22	01	00.94	4.1	40	39	29	25	40	7	61	6	7	4	5	5	5	5	0	6	6	054		
22	04	01.07	4.1	40	39	29	26	80	1	03	1	1	1	5	5	5	5	0	6	6			
22	07	01.21	4.1	41	40	29	22	64	7	03	1	7	1	5	5	5	5	0	6	6			
22	10	01.24	4.2	41	40	30	20	81	4	15	2	2	8	5	4	4	4	0	6	6			
22	13	01.25	4.2	41	41	30	18	81	7	15	2	2	6	3	3	3	3	7	0	6	6		
22	16	01.26	4.2	41	41	29	22	24	8	50	2	8	6	6	6	6	6	43	37	0001	482		
22	19	01.35	4.1	41	40	28	23	40	8	02	5	8	6	3	3	3	3	7	0	6	6		
22	22	01.34	4.1	41	40	30	16	40	8	20	5	8	6	3	3	3	3	7	0	6	6		
23	01	01.28	4.0	40	40	31	18	00	9	47	4	9	6	0	0	0	0	7	0	6	6		
23	04	01.19	4.0	40	40	31	17	00	9	45	4	9	6	0	0	0	0	7	0	6	6		
23	07	01.10	4.1	41	40	31	20	80	8	02	4	7	5	5	5	5	5	7	9	0	6		
23	10	00.90	4.2	41	41	31	27	64	8	05	2	6	5	5	5	5	5	7	9	0	6		
23	13	00.63	4.2	42	42	32	24	04	8	61	2	8	6	1	1	1	1	7	0	6	6		
23	16	00.38	4.2	42	42	32	27	08	8	20	5	8	6	1	1	1	1	7	0	6	6		
23	19	00.30	4.2	42	42	32	26	04	8	51	5	8	6	1	1	1	1	7	0	6	6		
23	22	00.15	4.2	42	42	32	25	04	8	51	5	8	6	1	1	1	1	7	0	6	6		
24	01	01.98	4.2	42	42	31	27	24	8	63	6	8	1	1	1	1	1	7	0	6	6		
24	04	01.92	4.2	42	41	29	22	64	2	21	6	1	5	3	3	3	3	7	0	6	6		
24	07	00.13	4.1	41	41	30	21	24	8	50	2	8	6	3	3	3	3	7	0	6	6		
24	10	00.33	4.3	42	42	31	21	80	5	01	1	3	8	4	4	4	4	7	7	6	6		
24	13	00.26	4.3	42	41	31	23	80	7	02	1	3	8	4	4	4	4	7	7	6	6		
24	16	00.18	4.2	42	41	31	23	80	8	05	2	3	5	5	5	5	5	7	7	6	6		
24	19	00.09	4.2	41	41	31	25	80	7	03	2	7	7	7	7	7	7	7	7	6	6		
24	22	00.95	4.2	41	41	31	25	80	7	02	2	6	5	5	5	5	5	7	7	6	6		
25	01	01.97	3.7	37	37	24	20	16	8	51	5	8	6	1	1	1	1	7	0	7	7		
25	04	00.01	3.9	38	36	29	19	64	8	02	2	8	5	5	5	5	5	6	6	6	6		
25	07	00.44	3.8	36	36	26	29	81	8	02	2	8	5	5	5	5	5	6	6	6	6		
25	10	00.93	3.8	36	35	25	26	80	7	25	7	8	4	4	4	4	4	6	6	6	6		
25	13	01.25	4.0	37	37	25	17	82	3	01	2	2	2	5	5	5	5	6	6	6	6		
25	16	01.50	3.9	38	35	29	14	81	5	02	1	3	5	5	5	5	5	6	6	6	6		
25	19	01.71	3.9	37	35	28	16	81	5	02	1	3	5	5	5	5	5	6	6	6	6		
25	22	01.85	3.9	38	36	29	17	81	5	02	1	3	5	5	5	5	5	6	6	6	6		
26	01	01.94	3.9	38	36	29	17	81	1	01	2	1	1	1	1	1	1	41	36	0006	405		
26	04	01.92	4.0	39	37	28	21	80	7	03	1	7	5	5	5	5	5	7	7	6	6		
26	07	02.00	3.9	39	38	30	17	80	7	02	2	0	0	0	0	0	0	7	7	6	6		
26	10	02.00	4.1	40	39	31	22	81	7	02	2	0	0	0	0	0	0	7	7	6	6		
26	13	01.96	4.2	41	40	31	20	81	3	01	1	3	5	6	6	6	6	7	7	6	6		
26	16	01.99	4.3	41	39	30	16	81	6	02	1	1	4	4	4	4	4	7	7	6	6		
26	19	02.05	4.0	40	39	31	17	81	3	01	1	1	6	4	4	4	4	7	7	6	6		
26	22	02.05	4.0	40	39	31	17	81	3	01	1	1	6	3	4	4	4	7	7	6	6		
27	01	02.04	4.0	40	30	18	40	8	50	2	8	6	4	4	4	4	4	7	7	6	6		
27	04	01.91	4.0	39	30	21	80	6	60	5	3	5	8	4	4	4	4	7	7	6	6		
27	07	01.90	4.0	39	30	20	80	6	02	2	3	5	5	5	5	5	5	7	7	6	6		
27	10	01.86	4.2	41	41	30	17	81	7	02	2	2	2	5	5	5	5	7	7	6	6		
27	13	01.75	4.2	41	41	29	17	81	6	02	2	2	2	5	5	5	5	7	7	6	6		
27	16	01.69	4.1	41	41	30	14	81	8	02	2	2	2	5	5	5	5	7	7	6	6		
27	19	01.70	4.0	40	27	15	40	8	50	5	8	6	2	2	2	2	2	7	6	6	6		
27	22	01.65	4.0	40	39	26	15	04	8	50	5	8	6	1	1	1	1	7	0	7	7		
28	01	01.64	3.9	38	38	27	09	04	8	51	5	8	6	0	0	0	0	7	0	7	7		
28	04	01.58	4.0	40	39	28	09	04	8	53	4	8	6	1	1	1	1	7	0	7	7		
28	07	01.63	4.0	39	39	27	07	04	9	43	4	9	9	0	0	0	0	7	0	7	7		
28	10	01.63	4.0	40	39	27	07	04	9	42	4	7	6	0	0	0	0	7	0	7	7		
28	13	01.58	4.1	41	40	26	10	08	8	02	4	7	6	0	0	0	0	7	0	7	7		
28	16	01.53	4.0	40	40	29	09	08	7	02	4	7	6	0	0	0	0	7	0	7	7		
28	19	01.57	3.9	39	39	28	10	40	8	40	4	8	6	1	1	1	1	7	0	7	7		
28	22	01.60	3.9	38	38	29	13	40	8	11	5	8	6	3	3	3	3	7	0	7	7		
29	01	01.59	3.8	38	38	50	04	40	7	20	5	7	6	3	3	3	3	7	0	7	7		
29</																							

**RESULTS OF SURFACE OBSERVATIONS AT
MACQUARIE ISLAND
FOR THE MONTH OF OCTOBER 1950**

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND												FOR THE MONTH OF OCTOBER 1950													
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB		WET BULB		DEW POINT		WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD AMOUNT	CLOUD DIRECTION		MIDDLE CLOUD	HIGH CLOUD	MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST	
			DIRECTION	SPEED	DIRECTION	SPEED	*x10	Kts.	VV	Oktas		ww	W	Oktas	C _L	h	C _M	C _H	LOW	MIDDLE	HIGH	DIRECTION	SPEED		
01	01	00 5 5	4 0	4 0	3 2	2 3	0 4	8	4 2	4	8	5 1	5 5	6 6	6	0	7	7	7	7	7	7	7	7	0 0 3
01	04	00 2 2	4 1	4 1	4 0	3 2	2 0	0 8	5 1	5 5	6	6	4	7	7	7	7	7	7	7	7	7	7	7	
01	07	9 9 9 4	4 1	4 1	4 1	3 2	2 2	1 6	8	5 1	5 5	6 6	6	6	2	7	7	7	7	7	7	7	7	7	
01	10	9 9 5 1	4 5	4 2	4 1	3 2	2 5	4 0	8	0 2	2 2	6 6	7	3	3	7	7	7	7	7	7	7	7		
01	13	9 8 9 7	4 2	4 2	4 1	3 3	2 4	8	5 0	5 5	6 6	7	3	3	7	7	7	7	7	7	7	7	7		
01	16	9 8 4 8	4 5	4 3	4 2	3 2	3 0	2 4	8	0 2	2 2	6 6	7	3	3	7	7	7	7	7	7	7	7		
01	19	9 8 0 4	4 3	4 2	4 1	3 1	3 5	4 0	8	0 2	2 2	6 6	7	3	3	7	7	7	7	7	7	7	7		
01	22	9 7 9 2	4 0	4 0	3 0	3 0	3 1	4 0	8	6 0	6 6	7	3	3	2	6	6	6	6	6	6	6	6		
02	01	9 8 1 5	3 8	3 8	2 8	3 8	3 8	1 6	8	6 0	6 6	7	3	3	2	7	7	6	6	6	6	6	6		
02	04	9 8 4 0	3 9	3 9	3 8	3 8	2 8	3 6	8 0	7	1 5	6 6	5 5	5 5	5 5	7	6	6	6	6	6	6	6		
02	07	9 8 6 1	3 7	3 7	3 5	3 5	2 7	2 4	8 0	1 5	6 6	8	8	4	2	6	6	6	6	6	6	6	6		
02	10	9 8 8 5	3 7	3 7	3 5	3 5	2 5	1 4	8 0	8 5	8 5	6 6	4	2	2	6	6	6	6	6	6	6	6		
02	13	9 8 8 3	3 5	3 5	3 5	0 9	0 1	4 0	8	7 2	7 8	8	6	3	3	3	3	3	3	3	3	3	3		
02	16	9 8 9 5	3 6	3 4	3 5	2 8	1 5	1 0	8 1	8 5	7 8	8	8	3	3	3	3	3	3	3	3	3	3		
02	19	9 9 2 5	3 4	3 4	3 5	1 5	1 1	5 4	7	2 2	7 5	6	6	3	2	0	0	0	0	0	0	0	0		
02	22	9 9 6 8	3 5	3 5	3 5	1 6	0 9	8 1	4	2 2	7 4	5	4	0	0	0	0	0	0	0	0	0	0		
03	01	0 0 0 0	3 1	2 9	2 4	1 8	0 3	8 1	1	0 1	1 1	1	5 5	0	0	0	0	0	0	0	0	0	0		
03	04	0 0 2 2	3 2	3 2	2 5	2 8	1 2	8 1	2	0 2	1 1	1	5 5	0	0	0	0	0	0	0	0	0	0		
03	07	0 0 3 6	3 5	3 5	2 9	2 8	1 8	8 1	7	0 3	2 2	5	5	3	6	6	6	6	6	6	6	6			
03	10	0 0 3 6	4 0	3 8	3 4	3 0	1 8	8 1	1 5	2 8	8	8	5	5	5	7	7	7	7	7	7	7			
03	13	0 0 3 7	4 0	3 8	3 5	2 9	1 8	8 1	8 0	0 2	8 8	8	8	5	5	5	7	7	7	7	7	7			
03	16	0 0 4 4	4 0	4 0	3 5	2 9	1 8	8 1	8 0	0 2	2 8	5	5	5	5	5	7	7	7	7	7	7			
03	19	0 0 6 2	4 1	4 0	4 0	2 9	1 5	8 1	7	0 2	2 4	6	6	3	0	0	0	0	0	0	0	0			
03	22	0 0 7 9	4 0	4 0	2 8	1 7	8 1	2	0 1	2 2	6	6	3	0	0	0	0	0	0	0	0	0			
04	01	0 0 9 6	4 1	4 1	4 0	2 9	1 8	8 1	7	0 3	2 7	7	7	7	7	7	7	7	7	7	7	7			
04	04	0 1 0 1	4 1	4 1	4 0	2 9	1 8	8 1	8 0	5 0	2 8	8	8	6	2	7	7	7	7	7	7	7			
04	07	0 1 2 7	4 2	4 2	4 1	5 8	2 9	1 7	8 1	2 0	5 8	5	5	3	7	7	7	7	7	7	7	7			
04	10	0 1 3 8	4 2	4 2	4 1	3 0	1 4	4 0	8	2 0	5 7	6	6	3	7	7	7	7	7	7	7	7			
04	13	0 1 4 1	4 2	4 1	4 0	3 1	1 5	6 4	8	0 2	2 8	5	5	5	7	7	7	7	7	7	7	7			
04	16	0 1 4 2	4 1	4 1	3 0	3 0	1 8	8 1	8 0	0 2	2 7	7	5	5	5	7	7	7	7	7	7	7			
04	19	0 1 5 4	4 1	4 1	4 0	3 0	2 1	2 4	8 1	5 1	5 5	7	6	3	7	7	7	7	7	7	7	7			
04	22	0 1 6 1	4 1	4 1	4 1	3 1	1 8	2 4	8 1	5 1	5 5	8	6	4	7	7	7	7	7	7	7	7			
05	01	0 1 5 0	4 1	4 1	4 0	3 2	1 9	2 4	8 1	5 1	5 5	8	6	2	7	7	7	7	7	7	7	7			
05	04	0 1 4 4	4 1	4 1	4 1	3 2	2 3	1 6	8 0	5 1	5 5	8	6	1	0	0	0	0	0	0	0	0			
05	07	0 1 4 9	4 2	4 1	4 1	3 2	2 4	0 2	9 5	5 1	5 5	9	0	0	0	0	0	0	0	0	0	0			
05	10	0 1 4 9	4 2	4 1	4 1	3 2	2 4	1 2	8 8	5 0	4 8	6	6	3	7	7	7	7	7	7	7	7			
05	13	0 1 5 8	4 2	4 2	4 1	4 0	3 2	1 7	1 6	8 0	0 2	2 4	5	5	5	7	7	7	7	7	7	7			
05	16	0 1 1 6	4 1	4 1	4 0	3 5	1 9	4 0	8 0	2 0	5 5	7	6	3	7	7	7	7	7	7	7	7			
05	19	0 0 9 5	4 1	4 0	3 9	3 2	2 3	4 0	8 0	0 2	5 5	8	5	5	5	7	7	7	7	7	7	7			
05	22	0 0 6 0	4 1	4 0	3 9	3 3	1 9	4 0	8 0	2 0	5 5	8	6	3	7	7	7	7	7	7	7	7			
06	01	0 0 2 2	4 1	4 0	3 9	3 3	1 8	8 0	7 0	0 2	2 7	5	5	5	7	7	7	7	7	7	7	7			
06	04	0 9 8 5	4 0	4 0	3 9	3 3	2 0	1 6	8 0	5 1	5 5	8	6	2	7	7	7	7	7	7	7	7			
06	07	0 9 4 8	4 0	4 0	3 9	3 3	1 9	1 6	8 0	6 1	6 6	8	6	1	0	0	0	0	0	0	0	0			
06	10	0 9 5 1	3 7	3 5	3 4	2 0	2 0	4 0	8 8	1 5	5 8	5	5	4	7	7	7	7	7	7	7	7			
06	13	9 9 9 1	3 6	3 5	3 3	2 2	1 0	4 0	8 8	8 5	8 8	8 4	4	4	4	7	7	7	7	7	7	7			
06	16	0 0 3 2	3 5	3 5	3 2	1 8	1 3	R 2	6 0	0 2	2 6	6	6	5	0	0	0	0	0	0	0	0			
06	19	0 0 5 9	3 3	3 2	3 0	2 1	0 4	B 0	6 2	2 2	5	6	8	5	5	0	0	0	0	0	0	0			
06	22	0 0 7 5	3 4	3 4	3 0	2 1	2 6	1 4	8 1	8 0	2 2	2 2	5	5	5	6	6	6	6	6	6	6			
07	01	0 0 7 7	3 5	3 5	3 0	1 9	2 5	2 0	8 1	8 0	2 1	2 8	6	6	2	6	6	6	6	6	6	6			
07	04	0 0 8 8	3 5	3 5	3 0	1 9	2 4	1 8	8 1	6 2	8 4	4	4	4	3	1	5 5	5	5	5	5	5			
07	07	0 0 9 1	3 6	3 5	3 2	2 7	1 4	8 1	7	1 5	2 8	6	6	2	5	5	5	5	5	5	5	5			
07	10	0 0 9 1	3 9	3 5	3 2	2 8	1 0	4 2	4 3	0 3	2 1	1 5	8 5	5	5	1	6	6	6	6	6	6			
07	13	0 0 7 8	4 0	3 5	3 2	3 0	0 7	8 3	2	0 2	1 1	1	8 5	5	5	0	8	8	8	8	8	8			
07	16	0 0 6 1	3 9	3 4	3 2	3 3	1 0	8 2	6	0 3	1 1	0	0	9	3	5	5	5	5	5	5	5			
07	19	0 0 4 3	3 7	3 5	3 0	0 1	4 0	8 2	8	0 2	2 2	1	5 5	5	5	7	8	9	9	9	9	9			
07	22	0 0 1 7	3 8	3 4	2 8	0 2	0 3	5 6	7	0 2	2 0	0	0	9	7	8	9	9	9	9	9	9			
08	01	9 9 7 7	3 9	3 7	3 2	0 2	0 9	8 1	8	0 3	2 7	5	5	6	1	1	1	1	1	1	1	1			
08	04	9 9 3 8	3 9	3 7	3 3	3 6	1 2	8 0	8	6 0	2 7	7	5	5	2	1	1	1	1	1	1	1			
08	07	9 9 0 9	3 9	3 5	3 5	1 2	2 8	R 1	7	0 3	2 1	5	4	5	0	0	0	0	0	0	0	0			
08	10	9 8 9 0	4 0	3 9	3 5	0 6	2 4	8 2	4	8	0 2	2 8	7	7	5	2	1	1	1	1	1	1			
08	13	9 8 6 5	4 2	4 1	3 2	2 5	1 4	5 6	8	0 2	5 3	6	6	3	7	7	7	7	7	7	7	7			
08	16	9 8 8 5	3 7	3 5	3 4	2 6	2 3	4 0	8 8	6 8	6	6	7	3	2	6	6	6	6	6	6	6			
08	19	9 9 4 1	3 8	3 5	3 0	2 5	2 3	8 1	3	0 1	2	3	8	5	5	0	0	0	0						

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF OCTOBER 1950																									
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE				
						DIRECTION	SPEED					"x10	Kts.	VV	Oktas	W	Oktas	C _L	J	C _M	C _H	Points	Miles	"x10	Kts.
LST.	Mbs.	"F	"F	"F	"F	"x10	Kts.	VV	Oktas	W	Oktas														
11	01	9829	37	36	35	16	19	24	8	61	6	3	7	3	2	4	4	4	4	4	4	4	4	4	
11	04	9970	35	34	31	17	17	81	8	26	7	8	8	4	0	0	0	0	0	0	0	0	0		
11	07	0070	34	32	28	21	16	82	3	01	2	2	3	5	5	0	0	0	0	0	0	0	0		
11	10	0123	38	35	29	25	17	81	3	05	2	2	3	5	4	0	0	0	0	0	0	0	0		
11	13	0147	40	37	31	26	17	81	4	05	2	2	4	5	4	0	0	0	0	0	0	0	0		
11	16	0158	39	36	31	27	15	81	5	02	1	1	4	5	5	0	0	0	0	0	0	0	0		
11	19	0157	38	35	31	28	17	81	8	02	1	1	6	5	5	0	0	0	0	0	0	0	0		
11	22	0159	39	38	35	31	18	81	8	03	2	2	3	5	5	1	1	7	7	7	7	41	33		
12	01	0113	39	38	36	17	81	3	01	2	2	3	5	5	0	0	0	0	0	0	0	0	0		
12	04	0068	39	39	38	31	14	81	7	03	1	7	5	4	0	0	0	0	0	0	0	0	0		
12	07	0044	59	39	38	30	12	81	7	02	2	4	5	4	0	0	0	0	0	0	0	0	0		
12	10	0024	41	39	37	25	10	81	6	01	2	1	8	4	0	0	0	0	0	0	0	0	0		
12	13	0018	42	40	37	28	11	82	2	01	1	1	5	4	0	0	0	0	0	0	0	0	0		
12	16	0010	41	40	38	28	17	82	2	01	1	1	5	4	0	0	0	0	0	0	0	0	0		
12	19	0016	41	40	39	27	29	80	8	15	2	4	5	4	0	0	0	0	0	0	0	0	0		
12	22	0024	40	39	39	27	15	81	2	01	5	2	8	4	0	0	0	0	0	0	0	0	0		
13	01	0018	41	41	40	29	16	81	8	03	1	0	0	5	5	0	0	0	0	0	0	0	0		
13	04	0015	41	40	39	28	28	81	6	02	2	5	5	5	3	0	0	0	0	0	0	0	0		
13	07	0013	41	41	41	30	22	64	8	21	6	8	6	3	0	0	0	0	0	0	0	0	0		
13	10	0030	42	41	40	28	20	81	4	01	2	3	8	3	4	0	0	0	0	0	0	0	0		
13	13	0053	41	40	39	27	23	81	7	25	8	7	8	3	0	0	0	0	0	0	0	0	0		
13	16	0061	41	40	39	27	21	81	7	15	8	7	8	4	0	0	0	0	0	0	0	0	0		
13	19	0058	41	40	39	29	23	40	8	50	2	8	5	3	0	0	0	0	0	0	0	0	0		
13	22	0042	42	41	41	30	28	40	8	51	5	8	6	3	0	0	0	0	0	0	0	0	0		
14	01	0020	42	42	41	30	29	40	8	51	5	8	7	3	0	0	0	0	0	0	0	0	0		
14	04	9998	42	42	42	30	30	50	40	8	20	5	8	7	3	0	0	0	0	0	0	0	0		
14	07	9987	43	42	42	30	29	40	8	02	2	2	8	6	3	0	0	0	0	0	0	0	0		
14	10	9986	43	43	41	29	29	48	8	50	2	9	5	3	0	0	0	0	0	0	0	0	0		
14	13	9980	43	42	41	29	25	72	7	05	2	7	8	5	0	0	0	0	0	0	0	0	0		
14	16	9970	43	42	41	29	28	80	6	05	2	6	5	4	0	0	0	0	0	0	0	0	0		
14	19	9997	40	38	35	27	24	80	1	02	1	1	8	4	0	0	0	0	0	0	0	0	0		
14	22	0010	38	36	32	27	29	80	7	22	8	7	8	5	0	0	0	0	0	0	0	0	0		
15	01	0039	35	34	32	25	25	80	3	26	8	3	8	5	0	0	0	0	0	0	0	0	0		
15	04	0037	36	35	32	27	28	81	3	02	1	3	8	5	0	0	0	0	0	0	0	0	0		
15	07	0013	38	35	31	28	28	81	3	02	1	3	8	5	0	0	0	0	0	0	0	0	0		
15	10	0011	38	36	32	26	35	80	6	22	8	4	8	5	3	8	5	6	6	6	6	6	6		
15	13	0043	37	34	28	23	30	80	6	22	8	5	8	4	6	8	5	6	6	6	6	6	6		
15	16	0067	37	34	28	25	28	81	6	15	2	6	8	4	6	0	6	6	6	6	6	6	6		
15	19	0088	38	36	32	25	28	80	8	15	2	6	8	4	5	5	6	6	6	6	6	6	6		
15	22	0093	38	37	36	26	24	81	8	02	8	0	5	6	6	6	6	6	6	6	6	6	6		
16	01	0090	38	37	36	26	26	81	8	25	8	8	5	5	6	6	6	6	6	6	6	6	6		
16	04	0097	38	37	36	26	26	81	8	02	8	8	5	5	6	6	6	6	6	6	6	6	6		
16	07	0106	39	38	36	27	27	81	7	02	2	7	5	5	0	2	6	6	6	6	6	6	6		
16	10	0018	41	40	38	26	27	81	7	05	2	6	5	5	3	3	2	6	6	6	6	6	6		
16	13	0133	40	38	35	25	27	80	6	25	8	6	8	4	0	0	0	0	0	0	0	0	0		
16	16	0147	39	37	34	25	22	81	8	02	2	8	5	4	0	0	0	0	0	0	0	0	0		
16	19	0164	38	36	32	25	22	81	7	80	8	6	8	4	6	0	0	0	0	0	0	0	0		
16	22	0180	38	37	35	27	16	81	6	02	2	6	5	5	5	5	5	5	5	5	5	5	5		
17	01	0173	39	37	34	28	17	80	8	02	2	6	5	5	0	7	6	6	6	6	6	6	6		
17	04	0159	41	39	36	31	17	80	8	03	2	8	5	4	0	7	6	6	6	6	6	6	6		
17	07	0145	42	41	40	31	26	40	8	50	5	8	6	2	2	6	6	6	6	6	6	6	6		
17	10	0129	42	42	41	31	24	40	8	50	5	8	6	2	2	6	6	6	6	6	6	6	6		
17	13	0113	43	43	42	31	24	03	9	47	4	9	9	0	0	0	0	0	0	0	0	0	0		
17	16	0105	43	43	42	30	20	08	8	02	2	4	8	6	6	1	7	7	7	7	7	7	7		
17	19	0106	43	43	42	30	19	04	9	47	4	9	9	0	0	0	0	0	0	0	0	0	0		
17	22	0109	43	43	42	30	22	02	9	47	4	9	9	0	0	0	0	0	0	0	0	0	0		
18	01	0110	43	42	42	31	18	02	9	45	4	9	9	0	0	0	0	0	0	0	0	0	0		
18	04	0104	43	42	42	31	22	02	9	45	4	9	9	0	0	0	0	0	0	0	0	0	0		
18	07	0107	43	42	42	31	27	03	9	45	4	9	9	0	0	0	0	0	0	0	0	0	0		
18	10	0100	42	42	42	31	27	03	9	45	4	9	9	0	0	0	0	0	0	0	0	0	0		
18	13	0088	43	42	42</td																				

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF**

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUDS	PRESENT WEATHER	PAST WEATHER	LOW CLOUD		CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST						
						DIRECTION	SPEED					x10	Kts.	VV	Oktas	vv	W	Oktas	C _L	h	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	DIRECTION
LST.	Mbs.	"F	"F	"F	"F	"x10	Kts.																			
21	0 1	0 1 6 8	3 8	3 6	3 1	2 5	0 3	8 2	1	1	0 1	1	1	5	0	0	0	0	0	0	0	0	0	0	0	
21	0 4	0 2 0 0	3 6	3 4	3 0	2 1	0 2	8 3	1	1	0 1	1	1	5	4	0	0	0	0	0	0	0	0	0	0	
21	0 7	0 2 3 2	3 8	3 4	2 7	2 6	0 8	8 3	0	0	0 0	0	0	5	4	0	0	0	0	0	0	0	0	0	0	
21	1 0	0 2 6 2	4 1	3 7	3 0	2 5	1 0	8 2	1	1	0 3	0	1	5	5	0	0	0	0	0	0	0	0	0	0	
21	1 3	0 2 7 6	4 2	3 8	3 2	2 5	1 5	8 2	4	3	0 3	1	4	8	5	0	0	0	0	0	0	0	0	0	0	
21	1 6	0 2 8 8	4 0	3 7	3 2	2 5	1 8	8 2	3	0	1	1	3	5	5	0	0	0	0	0	0	0	0	0	0	
21	1 9	0 3 1 2	3 8	3 6	3 3	2 4	0 4	8 2	2	0	1	1	2	4	0	0	0	0	0	0	0	0	0	0	0	
22	2 2	0 3 2 2	3 8	3 6	3 2	2 3	0 4	8 2	2	0	2	0	2	5	4	0	0	0	0	0	0	0	0	0	0	
22	0 1	0 3 2 3	3 7	3 6	3 3	2 4	0 2	8 3	2	0	2	0	2	5	4	0	0	0	0	0	0	0	0	0	0	
22	0 7	0 3 3 3	4 0	3 7	3 2	2 4	0 3	8 2	3	0	3	1	3	5	5	0	0	0	0	0	0	0	0	0	0	
22	1 0	0 3 3 6	4 2	3 9	3 3	2 7	0 5	8 2	5	0	2	1	5	5	5	0	0	0	0	0	0	0	0	0	0	
22	1 3	0 3 2 6	4 2	3 9	3 4	2 9	0 6	8 2	1	0	1	1	1	5	5	0	0	0	0	0	0	0	0	0	0	
22	1 6	0 3 1 5	4 2	3 8	3 1	3 0	0 1	8 3	1	0	1	1	0	5	5	0	0	0	0	0	0	0	0	0	0	
22	1 9	0 3 1 5	3 9	3 6	3 2	3 5	0 3	8 2	1	0	1	1	0	5	5	0	0	0	0	0	0	0	0	0	0	
23	0 1	0 2 8 2	3 9	3 8	3 6	3 4	1 4	8 1	7	0	3	2	4	5	5	0	0	0	0	0	0	0	0	0	0	
23	0 4	0 2 5 7	4 0	3 7	3 2	3 2	1 8	8 1	8	0	2	2	8	5	5	0	0	0	0	0	0	0	0	0	0	
23	0 7	0 2 4 4	4 1	3 8	3 5	3 2	2 0	8 1	8	0	2	2	8	5	5	0	0	0	0	0	0	0	0	0	0	
23	1 0	0 2 2 6	4 2	4 1	3 8	3 2	1 9	8 1	8	0	2	2	8	5	5	0	0	0	0	0	0	0	0	0	0	
23	1 3	0 1 9 7	4 3	4 0	3 6	3 2	2 3	8 1	7	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	1 6	0 1 7 0	4 2	4 1	4 0	3 2	2 5	8 1	8	0	3	2	7	5	5	0	0	0	0	0	0	0	0	0	0	
23	1 9	0 1 5 7	4 2	4 1	4 0	3 2	2 3	4 8	8	0	2	2	7	5	5	0	0	0	0	0	0	0	0	0	0	
24	2 2	0 1 5 1	4 1	4 1	4 0	3 2	2 1	6 4	8	0	2	2	6	5	5	0	0	0	0	0	0	0	0	0	0	
24	0 1	0 1 3 3	4 1	4 1	4 1	3 1	1 6	2 4	8	5	1	5	5	5	0	0	0	0	0	0	0	0	0	0	0	
24	0 4	0 1 2 3	4 1	4 1	4 1	3 2	1 8	2 4	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0 7	0 1 1 9	4 1	4 1	4 1	3 2	1 5	0 0	9	4	5	4	9	0	0	0	0	0	0	0	0	0	0	0	0	
24	1 0	0 1 0 3	4 2	4 2	4 1	3 2	1 2	0 0	9	4	5	4	9	0	0	0	0	0	0	0	0	0	0	0	0	
24	1 3	0 0 8 2	4 2	4 2	4 2	3 3	1 2	0 8	9	4	5	4	9	0	0	0	0	0	0	0	0	0	0	0	0	
24	1 6	0 0 6 5	4 2	4 2	4 2	3 1	1 5	0 8	8	2	2	8	4	8	0	0	0	0	0	0	0	0	0	0	0	
24	1 9	0 0 6 7	4 2	4 2	4 2	3 0	1 5	0 4	9	4	5	4	9	0	0	0	0	0	0	0	0	0	0	0	0	
25	2 2	0 0 6 5	4 2	4 2	4 1	2 9	1 0	0 1	9	6	1	6	9	0	0	0	0	0	0	0	0	0	0	0	0	
25	0 1	0 0 6 3	4 2	4 1	4 1	2 9	1 3	0 0	9	6	1	6	9	0	0	0	0	0	0	0	0	0	0	0	0	
25	0 4	0 0 7 1	4 0	3 9	3 6	2 6	1 7	8 0	7	2	2	6	6	6	0	0	0	0	0	0	0	0	0	0	0	
25	0 7	0 0 9 0	3 9	3 8	3 7	2 6	1 7	8 0	7	5	0	2	2	5	6	6	0	0	0	0	0	0	0	0	0	
25	1 0	0 1 0 8	3 9	3 8	3 6	2 2	1 0	8 0	7	5	0	2	2	5	6	6	0	0	0	0	0	0	0	0	0	
25	1 3	0 1 2 3	4 1	3 9	3 7	2 5	0 5	8 1	7	0	3	2	5	5	5	0	0	0	0	0	0	0	0	0	0	
25	1 6	0 1 4 3	3 9	3 7	3 4	2 0	1 5	8 0	8	2	2	8	5	5	0	0	0	0	0	0	0	0	0	0	0	
25	1 9	0 1 5 9	3 7	3 6	3 4	0 0	0 0	8 0	8	0	2	2	8	5	5	0	0	0	0	0	0	0	0	0	0	
26	2 2	0 1 7 1	3 7	3 5	3 2	0 0	0 0	8 0	8	0	2	2	8	5	5	0	0	0	0	0	0	0	0	0	0	
26	0 1	0 1 7 5	3 6	3 5	3 4	2 7	0 9	8 0	8	0	2	2	8	5	5	0	0	0	0	0	0	0	0	0	0	
26	0 4	0 1 7 1	3 5	3 5	3 4	2 9	0 8	4 0	8	5	0	2	2	8	5	5	0	0	0	0	0	0	0	0	0	
26	0 7	0 1 7 4	3 7	3 6	3 5	2 8	0 8	4 0	8	5	1	5	5	8	0	0	0	0	0	0	0	0	0	0	0	
26	1 0	0 1 7 6	4 0	3 7	3 5	2 8	1 4	8 2	8	0	2	2	8	5	5	0	0	0	0	0	0	0	0	0	0	
26	1 3	0 1 6 4	4 0	3 8	3 5	3 0	1 0	8 2	7	0	1	2	4	5	5	0	0	0	0	0	0	0	0	0	0	
26	1 6	0 1 5 6	4 0	3 8	3 6	2 9	1 0	8 2	7	0	2	2	4	5	5	0	0	0	0	0	0	0	0	0	0	
26	1 9	0 1 4 6	4 1	3 9	3 0	1 0	8 2	8	0	3	2	4	5	5	0	0	0	0	0	0	0	0	0	0	0	
27	2 2	0 1 3 4	4 0	4 0	3 1	1 2	1 6	8 2	8	0	3	2	4	5	5	0	0	0	0	0	0	0	0	0	0	
27	0 1	0 1 1 9	4 1	4 1	4 1	3 0	0 5	2 4	8	6	1	6	6	6	6	0	0	0	0	0	0	0	0	0	0	
27	0 4	0 0 9 3	4 1	4 1	4 1	2 7	0 2	0 0	9	6	1	6	6	6	6	0	0	0	0	0	0	0	0	0	0	
27	0 7	0 0 9 1	4 2	4 2	4 2	2 9	0 2	0 1	9	6	1	6	6	6	6	0	0	0	0	0	0	0	0	0	0	
27	1 0	0 0 7 3	4 4	4 4	4 3	0 0	0 0	4 8	8	4	1	4	3	5	5	0	0	0	0	0	0	0	0	0	0	
27	1 3	0 0 5 5	4 2	4 2	4 2	1 3	0 4	0 1	9	5	8	5	9	5	5	0	0	0	0	0	0	0	0	0	0	
27	1 6	0 0 2 8	4 2	4 2	4 2	1 4	0 7	0 3	8	5	1	5	5	8	6	1	1	9	0	0	0	0	0	0	0	
27	1 9	0 0 0 9	4 1	4 1	4 1	1 4	0 7	0 4	8	5	1	5	5	8	6	1	1	9	0	0	0	0	0	0	0	
28	0 1	0 9 2 8	4 6	4 6	4 5	3 4	1 4	0 8	8	6	3	6	6	6	6	3	2	2	8	8	8	8	8	8	8	
28	0 4	0 8 7 2	4 4	4 4	4 3	3 2	2 0	1 6	8	6	3	6	6	6	6	3	2	2	8	8	8	8	8	8	8	
28	0 7	0 8 5 2	4 3	4 3	4 3	3 2	1 6	1 6	8	6	1	6	6	6	6	1	1	7	7	7	7	7	7	7	7	
28	1 0	0 8 3 2	4 3	4 3	4 3	3 1	1 7	0 0	9	5	1	5	9	9	0	0	0	0	0	0	0	0	0	0	0	
28	1 3	0 0 5 7	3 8	3 7	3 4	2 5	2 0	8 0	8	5	8	8	6	6	6	5	5	0	0	0	0	0	0	0	0	
28	1 6	0 0 2 5	4 1	4 0	3 9	1 9	1 2	4 8	8	5	8	8	7	7	3	2	2	4	9	9	9	9	9	9	9	
28	1 9	0 0 4 7	3 6	3 5	3 3	1 7	2 8	0 8	8	6	1	6	6	6	6	5	5	0	0	0	0	0	0	0	0	
28	2 2	0 0 8 1	3 5	3 5	3 1	1 8	3 0	0 8	8	7																

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF OCTOBER 1950																										
DAY	HOUR	STATION LEVEL PRESSURE		WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD	CLOUD DIRECTION		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE							
		DRY BULB	WET BULB	DEW POINT	DIRECTION						° x 10	Kts.	VV	Oktas	WW	W	Oktas	C _L	b	LOW	MIDDLE	HIGH	DIRECTION	° x 10	Kts.	
31	01	99.02	42	41	41	32	30	32	8	02	2	8	5	6												
31	04	98.54	41	41	41	33	37	08	8	51	6	8	7	3												
31	07	98.34	42	42	42	33	36	08	8	51	5	8	6	2												
31	10	98.08	45	44	44	32	35	08	7	50	5	6	6	3												
31	13	97.95	45	43	40	31	40	40	7	15	1	1	8	4												
31	16	98.13	43	41	40	30	27	32	3	05	1	3	8	5												
31	19	98.32	40	39	37	28	22	64	6	05	2	6	5	5												
31	22	98.59	39	38	36	27	17	80	3	02	0	0	0	0												
					</td																					

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF NOVEMBER 1950

DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB °F	WET BULB °F	DEW POINT °F	WIND		VISIBILITY	TOTAL CLOUD	PAST WEATHER	PRESENT WEATHER	CLOUD DIRECTION		MAXIMUM TEMPERATURE °F	MINIMUM TEMPERATURE °F	PRECIPITATION Points	ANEMOMETER Miles	MAXIMUM GUST		SUNSHINE Hours							
		LST.	Mbs.				*x10	Kts.					CM	CH	CL	CM	CH	CH	CH	CH	CH	CH						
21	01	9797	4.5	43	42	42	30	30	16	8	51	6	8	6	2	3	0	7	7	7	6	4.5	3.7	0025	373	30	37	052
21	04	9778	4.2	42	41	30	17	40	7	20	5	6	6	3	2	3	0	7	7	7	6	4.5	3.7	0025	373	30	37	052
21	07	9768	4.3	42	42	31	20	40	8	10	5	7	6	2	3	0	7	7	7	6	4.5	3.7	0025	373	30	37	052	
21	10	9755	4.2	42	40	28	17	80	8	02	6	8	8	3	2	3	0	7	7	7	6	4.5	3.7	0025	373	30	37	052
21	13	9749	4.1	40	39	28	15	40	8	60	6	0	0	9	2	3	0	7	7	7	6	4.5	3.7	0025	373	30	37	052
21	16	9747	4.2	40	36	30	07	82	2	01	6	2	2	0	5	6	0	9	9	9	6	4.5	3.7	0025	373	30	37	052
21	19	9768	4.0	39	37	25	06	81	4	01	1	3	8	4	2	3	0	5	5	9	6	4.5	3.7	0025	373	30	37	052
22	01	9826	5.7	56	54	16	24	32	8	61	8	7	5	4	4	0	5	5	9	6	4.5	3.7	0025	373	30	37	052	
22	04	9928	3.6	35	28	17	19	64	8	26	8	8	8	5	2	3	0	5	5	9	6	4.5	3.7	0025	373	30	37	052
22	07	9970	3.6	34	30	20	09	64	8	26	8	8	8	4	2	3	0	5	5	9	6	4.5	3.7	0025	373	30	37	052
22	10	9994	4.0	35	29	20	09	82	3	01	2	1	1	5	3	0	4	5	5	9	6	4.5	3.7	0025	373	30	37	052
22	13	9999	4.0	37	33	24	08	81	8	03	1	1	8	5	5	2	0	5	5	9	6	4.5	3.7	0025	373	30	37	052
22	16	9994	4.1	39	36	27	10	81	7	02	8	6	8	5	0	1	8	6	9	9	6	4.5	3.7	0025	373	30	37	052
22	19	9972	3.9	38	36	31	08	80	8	25	2	6	6	3	2	3	0	8	6	9	6	4.5	3.7	0025	373	30	37	052
22	22	9957	4.0	40	39	33	13	48	8	61	6	6	6	3	2	3	0	8	6	9	6	4.5	3.7	0025	373	30	37	052
23	01	9909	3.8	38	38	00	00	08	8	61	6	6	6	2	2	3	0	8	6	9	6	4.5	3.7	0025	373	30	37	052
23	04	9865	4.2	42	42	30	11	08	8	61	6	6	6	1	1	2	0	8	6	9	6	4.5	3.7	0025	373	30	37	052
23	07	9848	4.2	42	42	29	16	08	8	61	6	6	6	1	1	2	0	8	6	9	6	4.5	3.7	0025	373	30	37	052
23	10	9816	4.2	42	42	29	13	24	8	63	6	8	8	2	2	3	0	8	6	9	6	4.5	3.7	0025	373	30	37	052
23	13	9789	4.2	42	42	28	12	64	8	21	6	6	6	3	2	3	0	8	6	9	6	4.5	3.7	0025	373	30	37	052
23	16	9776	4.1	41	41	25	16	12	8	50	5	6	6	2	2	3	0	8	6	9	6	4.5	3.7	0025	373	30	37	052
23	19	9830	3.8	37	35	15	35	40	8	02	6	6	6	4	4	2	0	8	6	9	6	4.5	3.7	0025	373	30	37	052
23	22	9921	3.7	35	32	15	23	80	5	01	2	5	5	4	4	2	0	8	6	9	6	4.5	3.7	0025	373	30	37	052
24	01	9961	3.6	34	30	17	10	81	7	02	2	7	8	5	5	4	0	0	4	4	4.5	3.7	0025	373	30	37	052	
24	04	9985	3.5	33	29	18	04	81	7	02	2	7	8	5	5	4	0	0	5	4	4.5	3.7	0025	373	30	37	052	
24	07	9995	3.9	37	33	31	04	81	8	02	2	8	8	5	5	4	0	0	5	4	4.5	3.7	0025	373	30	37	052	
24	10	9988	4.1	39	37	30	15	80	8	03	1	6	6	6	6	5	2	7	9	6	4.5	3.7	0025	373	30	37	052	
24	13	9971	3.9	39	39	32	19	16	8	54	5	6	6	2	2	3	0	7	9	6	4.5	3.7	0025	373	30	37	052	
24	16	9944	4.1	40	39	32	12	64	7	02	5	7	8	4	4	2	0	7	9	6	4.5	3.7	0025	373	30	37	052	
24	19	9912	4.1	40	40	33	10	40	7	02	8	3	5	4	4	2	0	7	9	6	4.5	3.7	0025	373	30	37	052	
24	22	9875	4.2	41	41	35	14	08	8	61	6	6	6	2	2	3	0	7	9	6	4.5	3.7	0025	373	30	37	052	
24	25	9852	4.1	41	41	25	23	40	8	51	6	8	6	2	2	3	0	7	9	6	4.5	3.7	0025	373	30	37	052	
24	28	9865	4.2	42	41	25	11	40	8	61	6	6	6	3	2	3	0	7	9	6	4.5	3.7	0025	373	30	37	052	
25	01	9910	4.4	43	42	25	14	80	4	02	2	2	2	2	2	3	0	8	6	6	9	4.5	3.7	0025	373	30	37	052
25	04	9924	4.5	43	41	27	17	64	2	05	2	2	2	2	2	3	0	8	6	6	9	4.5	3.7	0025	373	30	37	052
25	07	9937	4.4	42	40	27	17	80	5	02	2	2	2	2	2	3	0	8	6	6	9	4.5	3.7	0025	373	30	37	052
25	10	9944	4.2	41	40	28	17	80	5	02	2	2	2	2	2	3	0	8	6	6	9	4.5	3.7	0025	373	30	37	052
25	13	9933	4.1	41	41	33	13	32	8	21	2	2	2	2	2	3	0	8	6	6	9	4.5	3.7	0025	373	30	37	052
25	16	9914	4.2	42	41	30	17	32	8	60	6	6	6	3	2	3	0	8	6	6	9	4.5	3.7	0025	373	30	37	052
25	19	9920	4.2	41	39	28	12	81	5	01	2	2	2	2	2	3	0	8	6	6	9	4.5	3.7	0025	373	30	37	052
25	22	9924	4.4	41	37	29	20	81	6	03	1	5	5	4	4	2	0	7	9	6	4.5	3.7	0025	373	30	37	052	
25	25	9923	4.3	41	38	28	23	81	5	02	2	2	2	2	2	3	0	8	6	6	9	4.5	3.7	0025	373	30	37	052
26	01	9934	4.1	40	39	25	30	80	6	80	8	5	5	4	4	2	0	2	6	6	7	4.5	3.7	0025	373	30	37	052
26	04	9965	4.0	38	34	25	30	80	7	25	8	7	8	4	4	2	0	2	5	5	9	4.5	3.7	0025	373	30	37	052
26	07	9989	4.0	38	34	25	23	80	4	01	2	2	2	2	2	3	0	0	5	5	9	4.5	3.7	0025	373	30	37	052
26	10	0009	4.0	39	37	26	17	81	5	02	2	2	2	2	2	3	0	0	6	6	6	4.5	3.7	0025	373	30	37	052
26	13	9983	4.1	39	38	27	17	80	8	53	6	6	6	1	1	2	0	6	6	6	6	4.5	3.7	0025	373	30	37	052
26	16	9972	4.3	43	43	29	25	08	8	53	5	6	6	1	1	2	0	6	6	6	6	4.5	3.7	0025	373	30	37	052
26	19	9973	4.4	43	42	29	28	16	8	20	5	6	6	3	3	2	0	6	6	6	6	4.5	3.7	0025	373	30	37	052
26	22	9971	4.4	43	42	29																						

**RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF**

RESULTS OF SURFACE OBSERVATIONS AT FOR THE MONTH OF												MACQUARIE ISLAND DECEMBER 1950												
DAY	HOUR	STATION LEVEL PRESSURE			WIND			VISIBILITY			LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE			PRECIPITATION		MAXIMUM GUST		
		DRY BULB	WET BULB	DEW POINT	DIRECTION	SPEED	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	MINIMUM TEMPERATURE	ANEMOMETER	DIRECTION	SPEED	SUNSHINE		
LST.	Mbs.	°F	°F	°F	" x 10	Kts.	VV	Oktas	WW	W	Oktas	C _L	C _M	C _H	C _L	C _M	C _H	°F	Points	Miles	" x 10	Kts.	Hours	
01	01	98 42	38	37	34	27	26	64	7	8 3	8	4	4	2	0	6	9	6	45	35	0018	250	27	48 071
01	04	98 43	39	36	31	25	26	81	7	25	8	5	4	6	6	8	6	6	45	35	0018	250	27	48 071
01	07	98 71	38	37	33	25	19	81	7	26	8	6	4	6	6	0	0	5	45	35	0018	250	27	48 071
01	10	98 93	41	39	35	25	12	81	6	02	8	6	4	0	0	0	0	5	45	35	0018	250	27	48 071
01	13	99 09	43	41	38	22	07	81	6	02	8	6	4	0	0	0	0	5	45	35	0018	250	27	48 071
01	16	99 36	43	41	38	22	05	81	7	02	2	7	5	5	0	0	5	45	35	0018	250	27	48 071	
01	19	99 65	40	37	32	25	02	80	8	15	2	5	6	3	0	0	5	45	35	0018	250	27	48 071	
01	22	99 88	39	36	35	19	01	82	7	02	2	7	5	5	0	0	5	45	35	0018	250	27	48 071	
02	01	00 01	39	37	33	24	10	80	8	02	2	8	8	5	5	0	0	5	45	35	0018	250	27	48 071
02	04	00 15	39	38	35	26	08	81	7	02	2	7	5	5	3	0	0	5	45	35	0018	250	27	48 071
02	07	00 18	40	39	38	28	12	81	7	60	2	5	5	6	3	0	0	5	45	35	0018	250	27	48 071
02	10	99 99	41	41	41	32	18	24	8	50	5	8	6	2	1	7	7	45	35	0018	250	27	48 071	
02	13	99 70	43	45	43	30	18	08	8	50	5	8	6	1	7	7	45	35	0018	250	27	48 071		
02	16	99 70	42	42	42	28	13	01	9	47	5	9	0	0	0	0	5	45	35	0018	250	27	48 071	
02	19	99 54	42	42	42	29	10	02	9	45	6	9	0	0	0	0	5	45	35	0018	250	27	48 071	
02	22	99 44	42	42	41	33	01	06	8	53	6	8	6	1	7	7	45	35	0018	250	27	48 071		
03	01	99 40	42	41	41	27	05	04	8	53	5	8	6	1	6	6	6	44	40	0029	629	25	44 043	
03	04	99 51	41	41	41	25	16	81	7	21	6	7	4	4	6	0	6	44	40	0029	629	25	44 043	
03	07	99 61	43	43	43	26	14	64	7	05	6	8	4	4	7	0	6	44	40	0029	629	25	44 043	
03	10	99 68	42	42	42	28	16	40	8	51	6	8	6	3	0	0	6	44	40	0029	629	25	44 043	
03	13	99 81	43	41	39	25	25	56	7	80	8	7	8	4	0	0	6	44	40	0029	629	25	44 043	
03	16	99 99	42	40	38	29	29	80	5	25	5	6	6	4	0	0	6	44	40	0029	629	25	44 043	
03	19	00 19	40	39	37	25	30	80	7	25	8	7	8	4	0	0	6	44	40	0029	629	25	44 043	
03	22	00 26	40	39	37	26	31	80	6	25	9	6	8	4	0	0	6	44	40	0029	629	25	44 043	
04	01	00 29	41	40	39	25	26	80	6	02	2	6	8	6	0	0	6	44	40	0029	629	25	44 043	
04	04	00 28	41	41	41	25	17	64	8	02	2	8	5	3	0	0	6	44	40	0029	629	25	44 043	
04	07	00 22	42	41	41	25	24	48	8	50	5	8	6	3	0	0	6	44	40	0029	629	25	44 043	
04	10	00 24	43	42	41	25	23	80	7	20	5	6	8	4	0	0	6	44	40	0029	629	25	44 043	
04	13	00 26	43	40	37	26	22	80	7	15	5	6	8	4	3	0	6	44	40	0029	629	25	44 043	
04	16	00 37	41	37	30	24	16	80	7	05	8	6	5	4	0	0	6	44	40	0029	629	25	44 043	
04	19	00 55	38	38	35	23	05	80	7	16	8	7	8	4	0	0	6	44	40	0029	629	25	44 043	
04	22	00 68	37	35	31	20	01	80	3	25	8	3	8	4	0	0	6	44	40	0029	629	25	44 043	
05	01	00 76	37	35	31	22	08	80	3	02	1	3	8	4	0	0	5	44	40	0029	629	25	44 043	
05	04	00 69	36	35	33	00	08	81	6	03	8	6	8	4	0	0	5	44	40	0029	629	25	44 043	
05	07	00 48	39	36	31	11	80	7	02	2	3	5	5	3	0	0	5	44	40	0029	629	25	44 043	
05	10	99 85	41	39	36	34	19	40	8	50	2	8	6	4	3	0	6	44	40	0029	629	25	44 043	
05	13	99 12	42	42	42	33	22	08	8	51	6	8	6	1	7	7	5	44	40	0029	629	25	44 043	
05	16	98 77	43	43	42	28	26	12	8	50	5	7	6	2	2	2	6	44	40	0029	629	25	44 043	
05	19	98 81	41	38	33	24	30	80	5	02	2	4	5	4	0	1	6	44	40	0029	629	25	44 043	
05	22	98 81	40	37	35	18	01	80	3	25	8	3	8	4	0	0	5	44	40	0029	629	25	44 043	
06	01	98 61	39	37	35	22	08	80	5	02	1	4	5	4	0	1	6	44	40	0029	629	25	44 043	
06	04	98 46	39	37	35	27	22	81	4	25	8	1	8	4	0	2	6	44	40	0029	629	25	44 043	
06	07	98 30	40	38	35	25	17	82	4	25	8	8	8	4	3	0	6	44	40	0029	629	25	44 043	
06	10	98 12	39	34	34	21	16	80	8	84	8	8	8	4	3	0	6	44	40	0029	629	25	44 043	
06	13	97 86	41	39	37	28	16	64	8	80	8	5	8	3	1	7	6	44	40	0029	629	25	44 043	
06	16	97 68	36	35	34	26	14	16	8	68	2	8	6	3	2	2	6	44	40	0029	629	25	44 043	
06	19	97 74	38	36	31	25	22	80	3	15	8	2	9	3	0	1	6	44	40	0029	629	25	44 043	
06	22	97 70	37	35	31	29	26	10	81	6	03	1	1	8	4	1	7	6	44	40	0029	629	25	44 043
07	01	97 64	35	34	34	22	16	80	5	03	8	6	3	2	2	6	44	40	0029	629	25	44 043		
07	04	98 09	36	34	32	20	05	82	8	03	1	6	8	4	6	0	5	44	40	0029	629	25	44 043	
07	07	98 42	39	35	32	29	22	81	7	03	1	6	8	4	6	0	5	44	40	0029	629	25	44 043	
07	10	98 69	40	38	35	25	12	81	7	25	6	6	8	4	6	0	6	44	40	0029	629	25	44 043	
07	13	99 02	40	37	32	15	20	80	6	02	8	6	8	4	0	0	4	43	35	0001	715	08	50 005	
07	16	99 48	41	38	35	18	12	80	7	02	8	7	8	4	0	0	4	43	35	0001	715	08	50 005	
07	19	99 87	38	36	31	17	05	81	8	02	2	8	5	5	5	4	4	43	35	0001	715	08	50 005	
07	22	99 94	36	36	34	24	16	81	8	02	2	8	5	5	5	4	4	43	35	0001	715	08	50 005	
08	01	99 99	36	36	34	28	17	03	80	8	02	2	8	5	5	5	4	43	35	0001	715	08	50 005	
08	04	99 90	36	34	32	04	03	84	8	02	2	8	5	5	5	4	4	43	35	0001	715	08	50 005	
08	07	99 63	37	35	30	03	02	81	8	02	2	8	5	5	5	2	2	8	9	9	9	9	9	
08	10	99 25	38	35	32	05	03	83	9	51	6	9	0	0	0	0	5	43	35	0001	715	08	50 005	
08	13	98 87	39	35	33	05	16	80	8	02	2	8	5	5	5	2	2	8	9	9	9	9	9	
08	16	98 42	39	38	57	07	20	24	8	61	6	8	7	3	3	2	2	8	9	9	9	9	9	
08	19	97 67	39	39	37	08	23	24	8	63	6	8	7	3	2									

**RESULTS OF SURFACE OBSERVATIONS AT
MACQUARIE ISLAND
FOR THE MONTH OF DECEMBER 1950**

**RESULTS OF SURFACE OBSERVATIONS AT
MACQUARIE ISLAND
FOR THE MONTH OF DECEMBER 1950**

RESULTS OF SURFACE OBSERVATIONS AT
FOR THE MONTH OF MACQUARIE ISLAND
DECEMBER 1950

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	AMOUNT	TYPE	HEIGHT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE			
						DIRECTION	SPEED * x10								C _L	C _M	C _H	DIRECTION				SPEED * x10					
	L.S.T.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	C _L	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	"x10	Kts.	Hours'	
31	0 1	9 9 2 8	4 4	4 4	4 4	3 4	1 6	1 6	8	6 1	6	8	6	3													
31	0 4	9 8 8 9	4 4	4 4	4 4	3 5	1 3	1 2	8	5 1	5	8	6	1													
31	0 7	9 8 7 2	4 4	4 4	4 4	2 9	0 7	0 6	9	5 3	5	9	0	0													
31	1 0	9 9 1 6	4 2	4 1	4 0	2 4	2 0	4 0	8	6 0	6	8	6	3													
31	1 3	9 9 7 1	4 1	4 0	3 9	2 4	1 8	8 1	7	0 2	2	7	5	3													
31	1 6	0 0 1 5	4 0	3 9	3 8	2 4	2 6	8 0	8	0 2	2	8	5	3													
31	1 9	0 0 7 0	3 9	3 7	3 4	2 3	1 0	8 1	6	0 1	2	6	5	4													
31	2 2	0 0 8 8	3 8	3 6	3 2	2 4	2 1	8 1																			

**RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JANUARY 1950**

DAY	SURFACE			1000. MBS		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PPP	TTT	WWW	HHH.	HHH	TTT	WWW	HHH	TTT	WWW												
02	0 0 8	0 0 3	2 0 3 8	0 0 7	0 9 1	5 0 2 8	0 3 4	1 3 7	5 0 1 9	0 3 3	1 8 4	5 0 2 8	0 2 8	2 9 1	5 0 2 6	0 1 4	4 1 1	1 0 1	0 0 8			
03	9 9 9	0 0 4	9 0 5 1	5 0 0	0 8 5	0 0 5 0	0 5 9	1 3 2	0 0 3 5	0 5 5	1 8 1	0 0 0 8	0 5 1	2 8 7	5 0 5 2	0 3 7	4 0 6	1 2 1	0 2 4			
04	9 9 4	0 0 3	9 0 4 3	5 0 4	0 8 0	0 0 3 1	0 3 0	1 2 6	5 0 6 1	0 2 9	1 7 3	5 0 5 4	0 2 7	2 7 7	5 1 0 5	0 2 5	3 9 4	1 5 2	0 1 8			
06	9 8 7	0 0 3	9 0 4 7	5 1 0	0 7 5	0 0 1 1	0 3 9	1 2 0	5 0 3 6	0 3 6	1 6 8	5 0 5 4	0 3 2	2 7 1	5 1 1 9	0 2 1	3 8 8	1 9 6	0 1 2			
07	0 0 0	0 0 3	3 0 3 7	0 0 1	0 8 5	5 0 4 3	0 2 9	1 3 0	5 0 2 6	0 1 8	1 7 8	5 0 3 8	0 0 9	2 8 2	5 1 0 3	0 1 5	3 9 9	1 7 7	0 0 6			
08	0 0 5	0 0 4	0 0 3 9	0 0 5	0 8 9	5 0 0 1	0 2 5	1 3 5	5 0 1 0	0 2 6	1 8 3	5 0 3 9	0 1 4	2 8 7	5 0 8 0	0 0 8	4 0 6	1 3 6	0 2 1			
09	0 0 0	0 0 4	4 0 4 6	0 0 1	0 8 5	5 0 0 6	0 4 1	1 3 1	5 0 0 9	0 1 4	1 7 9	5 0 2 7	0 1 2	2 8 4	5 0 6 9	0 0 7	4 0 2	1 5 7				
10	9 8 9	0 0 5	2 0 5 0	5 0 9	0 7 7	0 0 1 0	0 4 4	1 2 3	5 0 1 5	0 4 0	1 7 1	5 0 3 6	0 3 7	2 7 5	5 0 9 6	0 2 5	3 9 3	1 6 1	0 1 2			
11	9 9 6	0 0 3	3 0 4 6	5 0 5	0 8 2	5 0 2 9	0 3 5	1 2 7	5 0 5 3	0 3 0	1 7 5	5 0 6 0	0 2 9	2 7 8	5 1 0 8	0 1 7	4 0 0	1 5 5				
12	9 9 0	0 0 4	9 0 4 5	5 0 8	0 7 7	5 0 2 6	0 3 0	1 2 2	5 0 6 0	0 2 6	1 7 0	5 0 9 1	0 2 3	2 7 2	5 1 6 4	0 1 5	3 8 6	2 3 4	0 0 6			
13	9 9 3	0 0 4	5 0 4 2	5 0 5	0 8 0	5 0 2 7	0 3 0	1 2 4	5 0 6 1	0 2 5	1 7 2	5 1 0 1	0 2 0	2 7 3	5 1 6 5	0 1 5	3 8 6	1 8 5	0 1 5			
14	0 0 0	0 0 3	8 0 4 8	0 0 1	0 8 5	5 0 0 5	0 4 1	1 3 1	5 0 0 9	0 4 2												
15	0 0 6	0 0 4	1 0 4 1	0 0 5	0 9 0	5 0 1 3	0 3 8	1 3 6	5 0 1 7	0 4 0	1 8 4	5 0 4 5	0 3 5	2 9 0	5 0 4 9	0 3 7	4 1 0	1 0 0	0 2 9			
16	0 0 9	0 0 3	6 0 4 4	0 0 8	0 9 2	5 0 1 7	0 3 5	1 3 8	5 0 3 1	0 3 9	1 8 6	5 0 4 0	0 1 2	2 9 1	5 0 8 9	0 1 6	4 0 9	1 4 1	0 2 1			
17	0 0 8	0 0 5	6 0 3 9	0 0 7	0 9 2	5 0 0 4	0 3 4	1 3 7	5 0 0 7	0 3 4	1 8 6	5 0 3 0	0 3 8	2 9 2	5 0 2 5	0 4 7	4 1 3	0 8 0	0 2 5			
20	9 8 0	0 0 4	3 0 4 5	5 1 6	0 7 0	0 0 8 9	0 5 7	1 1 8	0 0 6 9	0 6 3	1 6 7	0 0 3 8	0 6 0	2 7 5	5 0 1 2	0 5 0	3 9 6	0 8 1	0 3 5			
21	9 8 4	0 0 3	6 0 4 9	5 1 3	0 7 3	0 0 2 9	0 5 0	1 2 0	0 0 4 8	0 5 9	1 6 8	0 0 1 8	0 5 2	2 7 5	5 0 2 8	0 4 0	3 9 5	1 0 1	0 2 4			
22	9 8 8	0 0 5	0 0 4 6	5 0 9	0 7 6	5 0 2 3	0 3 4	1 2 1	5 0 5 2	0 2 8	1 6 8	5 0 5 8	0 2 7	2 7 2	5 0 9 2	0 0 8	3 9 1	1 3 3	0 0 7			
23	9 8 7	0 0 2	8 0 4 4	5 1 0	0 7 5	5 0 2 7	0 3 6	1 1 9	5 0 5 4	0 3 1	1 6 7	5 0 8 6	0 2 5	2 7 0	5 1 1 3	0 2 3	3 8 7	1 6 1	0 2 0			
24	9 9 6	0 0 4	4 0 4 0	5 0 3	0 8 2	5 0 3 4	0 3 2	1 2 7	5 0 6 1	0 2 8	1 7 4	5 0 8 7	0 2 2	2 7 6	5 1 5 3	0 0 8	3 9 1	2 1 0	0 0 4			
25	0 0 0	0 0 4	5 0 4 0	0 0 1	0 8 5	5 0 3 5	0 3 3	1 1 4	5 0 5 0	0 2 4	1 7 8	5 0 8 0	0 2 0	2 8 0	5 1 4 5	0 0 7	3 9 5	2 1 7	0 0 4			
DAY	500. MILLIBARS			400. MILLIBARS			300. MILLIBARS			200. MILLIBARS			150. MILLIBARS			100. MILLIBARS			80. MILLIBARS			
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
02	5 5 0	1 7 8		7 1 4	2 7 1		9 1 5	4 3 2	1 7 6	5 4 6	3 6 3	4 8 2	6 3 1	4 6 1	7 8 0	4 4 2						
03	5 4 3	2 0 9	1 1	7 0 5	3 2 6	0 5	9 0 1	4 7 9	1 6 6	4 7 5	3 5 5	4 8 7	6 2 3	4 4 4								
04	5 3 0	2 3 8	0 7	6 9 0	3 5 8	0 3	8 8 3	4 8 3	1 5 3	4 3 5	3 4 6	4 5 6	6 1 6	4 5 4								
06	5 2 1	2 9 9	0 6	6 7 7	3 9 9	0 3	8 6 9	4 5 8	1 4 3	4 0 3	3 3 8	4 2 4	6 1 3	4 1 7	7 6 4	3 9 9						
07	5 3 3	2 5 4		6 9 1	3 4 4		8 8 7	4 6 7	1 5 7	4 2 6	3 5 1	4 4 1	6 2 5	4 2 6	7 7 6	4 2 0						
08	5 4 2	2 1 1	1 1	7 0 4	2 9 2	0 8	9 0 4	4 3 0	1 6 7	5 7 3	3 5 1	5 0 8	6 1 7	4 8 0	7 6 5	4 6 0						
09	5 3 7	2 5 3	0 3	6 9 5	3 6 9		8 9 0	4 1 8	1 6 4	4 3 3	3 5 8	4 3 0	6 2 7	4 8 1	7 7 5	4 5 7	9 6 8	4 2 3				
10	5 2 8	2 3 5		6 8 8	3 5 0		8 8 4	4 1 7	1 5 9	3 8 9												
11	5 3 1	2 3 4		6 9 1	3 3 6		8 8 6	4 8 6	1 5 3	4 3 8	3 4 7	4 2 3	6 2 1	4 1 8	7 7 3	4 0 4						
12	5 1 8	3 0 5	0 3	6 7 2	4 3 6		8 6 2	4 6 4	1 3 6	4 0 4	3 3 3	4 9 4	6 0 7	4 2 4								
13	5 2 1	2 8 8	0 6	6 7 7	3 8 6	0 3	8 6 9	5 1 8	1 4 0	4 1 9	3 3 5	4 0 7	6 1 1	3 9 8	7 6 3	3 9 4						
15	5 4 9	1 6 5	1 9	7 1 3	2 8 5	0 5	9 1 1	4 4 6	1 7 3	5 1 6	3 6 1	4 5 8	6 3 1	4 4 5	7 8 1	4 2 6						
17	5 5 3	1 7 5		7 1 5	3 1 3	0 6	9 1 4	4 5 2	1 7 7	5 0 8	3 6 7	4 5 7										
20	5 3 6	1 7 7	1 9	6 9 9	2 8 4	0 5	8 9 7	4 6 0	1 6 5	4 2 8	3 6 0	4 0 9	6 3 7	3 7 8	7 9 0	3 8 3						
21	5 3 5	2 1 3	1 4	6 9 4	3 3 4	0 5	8 9 0	4 5 9	1 6 2	4 2 5	3 5 6	4 3 0	6 3 0	3 9 9	7 8 3	3 8 2						
22	5 2 6	2 4 4	0 5	6 8 4	3 6 9		8 7 7	4 9 0	1 5 0	4 0 5	3 4 4	4 1 9	6 1 8	4 0 9	7 7 0	3 9 7						
23	5 2 3	2 3 6	1 1	6 8 3	3 3 5	0 4	8 7 9	4 9 3	1 4 7	4 1 6	3 4 3	3 9 8	6 2 2	3 7 0								
24	5 2 3	2 9 5	0 4	6 8 0	3 7 4		8 7 6	3 9 0	1 5 5	3 8 0	3 5 1	4 2 9	6 1 9	4 3 6	7 7 0	4 0 8	9 6 7	3 9 0				
25	5 2 7	2 8 2		6 8 4	3 7 9		8 7 8	4 3 9	1 5 2	4 2 1												

**RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF FEBRUARY 1950**

DAY	SURFACE			1000. MBS.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW											
12	9 9 8	0 0 4	6 0 4	1	5 0 1	0 8 4	5 0 2 5	0 3 4	1 2 9	5 0 6 3	0 2 8	1 7 6	5 0 9 6	0 2 3	2 7 8	5 1 4 0	0 1 9	3 9 5	1 6 6	0 0 6	
13	0 0 2	0 0 3	0 0 3 5	5	0 0 2	0 8 6	5 0 5 1	0 2 9	1 3 1	5 0 6 8	0 2 2	1 7 8	5 0 8 4	0 1 1	2 8 2	5 0 6 3	4 0 0	1 5 1			
14	0 0 1	0 0 3	1 0 3 9	9	0 0 1	0 8 5	5 0 5 2	0 2 5	1 3 0	5 0 7 6	0 2 3	1 7 7	5 1 0 1	0 1 4	2 7 8	5 1 7 5	0 0 8	3 9 2	2 6 3	0 0 4	
15	0 1 6	0 0 3	4 0 3 6	0 1 3	0 9 7	5 0 4 3	0 2 9	1 4 3	5 0 1 4	0 3 9	1 9 1	5 0 0 3	0 2 9	2 9 8	5 0 2 1	0 2 7	4 1 8	1 1 8	0 1 9		
16	9 8 6	0 0 0	9 3 8	5 1 1	0 7 3	5 0 2 9	0 3 2	1 2 0	5 0 1 8	0 3 6	1 6 8	5 0 2 4	0 3 6	2 7 4	5 0 5 1	0 3 4	3 9 4	0 9 2	0 1 9		
17	9 9 5	0 0 4	5 0 4 7	5 0 4	0 8 1	5 0 2 4	0 3 2	1 2 8	5 0 3 7	0 3 2	1 7 4	5 0 4 7	0 3 0	2 7 8	5 0 9 0	3 9 7	1 3 9				
18	9 9 2	0 0 4	4 0 4 0	4 0	5 0 6	0 7 9	5 0 0 6	0 3 1	1 2 4	5 0 5 6	0 2 5	1 7 2	5 0 7 4	0 2 3	2 7 5	5 1 1 7	0 1 0	3 9 3	1 3 7		
19	0 0 7	0 0 3	6 0 3 4	0 0 6	0 9 0	5 0 4 0	0 2 4	1 3 6	5 0 3 9	0 1 1	1 8 3	5 0 6 6	0 0 8	2 8 6	5 0 9 7	4 0 4	1 6 1				
20	0 1 8	0 0 1	2 0 3 0	0 1 5	0 9 9	5 0 7 1	0 1 9	1 4 3	5 0 8 5	0 1 8	1 9 0	5 0 7 0	0 0 7	2 9 2	5 1 1 6	0 1 1	4 0 9	1 9 6	0 0 4		
21	9 9 9	0 0 0	0 3 3	0 0 0	0 8 3	5 0 2 6	0 3 2	1 2 9	5 0 1 4	0 3 7	1 7 7	5 0 1 4	0 3 8	2 8 3	5 0 3 3	0 3 9	4 0 5	0 9 5	0 2 6		
22	9 8 5	0 0 3	0 0 4 8	5 1 2	0 7 2	5 0 2 4	0 3 3	1 1 7	5 0 4 7	0 3 2	1 6 5	5 0 6 2	0 2 7	2 6 9	5 0 8 4	0 1 5	3 8 7	1 6 7	0 0 7		
23	0 0 6	0 0 3	4 0 3 8	0 0 5	0 9 0	5 0 4 1	0 2 8	1 3 5	5 0 0 0	0 1 4	1 8 4	5 0 2 5	0 2 5	2 9 9	5 0 5 5	0 3 3	4 0 9	0 8 9	0 3 0		
25	0 0 7	0 0 4	0 0 3 2	0 0 6	0 9 1	0 0 1 5	0 2 3	1 3 7	5 0 3 3		1 8 6	0 0 1 5	0 1 6	2 9 3	5 0 1 9		4 1 5	0 6 3			
26	0 0 6	0 0 1	7 0 2 9	0 0 5	0 8 9	0 0 1 5	0 2 5	1 3 5	5 0 0 0	0 1 2	1 8 4	0 0 0 9		2 9 0	5 0 3 9		4 1 0	1 1 5	0 0 6		
27	0 1 3	0 0 2	4 0 3 2	0 1 1	0 9 5	5 0 5 6	0 2 2	1 3 9	5 0 3 4	0 0 9	1 8 7	5 0 6 8		2 9 0	5 1 1 6	0 0 6	4 0 6	1 9 1	0 0 4		
28	9 9 5	0 0 2	0 0 3 5	5 0 3	0 8 1	5 0 3 3	0 3 1	1 2 6	5 0 6 1	0 2 6	1 7 3	5 0 9 0	0 2 1	2 7 5	5 1 5 0	0 1 4	3 9 1	1 8 0	0 1 2		
DAY	500. MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	HHH	HHH	TTT	HHH	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	
12	5 3 0	2 5 2		6 8 8	3 6 5		8 8 2	4 4 3	1 5 4	4 2 3	3 5 8	4 3 6	6 3 0	4 2 9							
13	5 3 6	2 2 8	0 -7	6 9 6	3 4 7	0 3	8 9 1	4 8 1	1 5 6	4 8 1											
14	5 2 2	3 2 4		6 7 6	4 0 4		8 7 0	4 2 1	1 4 4	4 2 5	3 3 9	4 3 9									
15	5 6 6	1 6 6	1 7	7 2 0	2 6 3	0 8	9 2 1	4 1 8	1 8 4	6 1 0	3 6 7	5 1 5	6 3 4	4 5 9	7 8 3	4 1 2					
16	5 3 3	1 7	1 3																		
17	5 3 2	2 5 1		6 9 1	3 3 0																
18	5 2 9	2 1 5		6 9 0	3 1 6	0 3	8 8 9	4 3 4	1 5 8	4 5 2											
19	5 3 9	2 3 4		6 9 9	3 2 6																
20	5 4 2	2 7 9	0 2	6 9 8	4 0 3	0 1	8 7 9	5 0 4	1 4 6	4 5 2	3 3 7	4 6 5	6 0 6	4 8 0							
21	5 4 6	1 7 2	0 8	7 0 9	2 7 1	0 7	9 1 0	4 3 5	1 7 3	5 1 0	3 5 9	5 4 0	6 2 1	5 0 6	7 6 7	4 9 0	9 5 5	4 7 9			
22	5 2 4	2 0 8	0 5	6 8 5	3 2 8	0 3	8 8 0	4 5 8	1 5 3	4 3 8	3 4 5	4 6 0	6 1 4	4 6 1	7 6 2	4 7 9	9 5 1	4 8 4			
23	5 4 8	1 7 5	1 6	7 1 2	2 7 9	0 8	9 1 2	4 3 6	1 7 7	4 9 4	3 6 5	5 0 9	6 3 1	5 2 3	7 7 6	4 9 5	9 6 6	4 7 5			
25	5 5 5	1 5 0	0 8	7 1 9	2 6 6		9 2 0	4 2 0	1 8 4	5 0 5	3 7 1	5 2 0	6 3 4	5 1 1	7 7 9	5 0 2	9 6 7	4 8 5			
26	5 4 7	1 9 5		7 0 9	3 1 0	0 3	9 0 8	4 5 0	1 7 1	4 8 3	3 6 1	4 8 5	6 2 5	4 8 5	7 7 2	4 6 5	9 6 3	4 5 4			
27	5 4 0	2 7 6	0 3	6 9 7	4 0 7	0 1	8 8 7	5 1 6	1 5 4	4 4 3	3 4 5	4 7 4	6 1 3	4 6 9	7 6 2	4 5 7					
28	5 2 5	2 7 5	0 7	6 8 2	4 0 6	0 3															

**RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF MARCH 1950**

DAY	SURFACE			1000. MBS.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WWW	HHH.	HHH.	TTT	WWW	HHH.	TTT	WWW										
01	9 9 8	0 0 2	0 3 8	5 0 1	0 8 3	5 0 5 1	0 2 7	1 2 8	5 0 8 0	0 2 4	1 7 5	5 1 2 6	0 1 7	2 7 5	5 1 9 5	0 0 8	3 8 8	2 6 9	0 0 4	
02	0 1 2	0 0 3	1 0 5	5 1 0	0 9 4	5 0 4 4	0 1 7	1 3 9	5 0 5 4	0 1 2	1 8 6	5 0 8 5	0 0 9	2 8 8	5 1 2 3	4 0 5	1 7 1			
03	0 1 6	0 0 3	1 0 3	3 0 1	0 9 7	5 0 5 3	0 2 4	1 4 2	5 0 5 1	0 1 9	1 9 0	5 0 6 4	0 0 9	2 9 3	5 0 9 7	0 1 7	4 1 1	1 4 3	0 0 6	
06	9 7 3	0 0 2	1 0 4	3 0 2	5 2 2	0 6 3	5 0 3 1	0 3 0	1 0 8	5 0 5 2	0 2 8	1 5 5	5 0 8 3	0 2 3	2 5 8	5 1 3 9	0 1 4	3 7 3	1 5 0 0 8	
07	9 8 5	0 0 2	0 3 6	5 1 2	0 7 3	5 0 4 4	0 2 9	1 1 8	5 0 7 8	0 3 1	1 6 5	5 1 1 0	0 1 9	2 6 6	5 1 6 3	0 1 3	3 8 1	2 4 1 0 0 7		
08	9 9 2	0 0 3	2 0 4	2 0 2	5 0 5	0 7 8	5 0 3 6	0 3 0	1 2 3	5 0 6 7	0 2 6	1 7 0	5 1 0 0	0 1 9	2 7 2	5 1 7 3	0 1 2	3 8 7	2 2 5 0 0 6	
09	9 9 7	0 0 3	6 0 4	4 4 4	5 0 2	0 8 5	5 0 1 8	0 3 5	1 2 8	5 0 4 1	0 3 3	1 7 6	5 0 7 7	0 2 7	2 8 0	5 0 6 4	0 0 8	3 9 9	1 4 3 0 1 1	
10	9 9 1	0 0 1	2 0 3	3 6	5 0 7	0 7 8	5 0 3 6	0 3 1	1 2 3	5 0 6 6	0 2 7	1 7 0	5 0 9 2	0 2 3	2 7 2	5 1 3 5	0 1 6	3 8 8	1 8 6 0 0 5	
11	9 8 6	5 0 1	4 0 0	2 9	5 1 1	0 7 4	5 0 7 0	0 2 3	1 1 9	5 0 9 1	0 2 0	1 6 5	5 1 2 1	0 1 7	2 6 6	5 1 9 0	0 1 0	3 8 0	2 4 2 0 0 7	
12	0 0 4	0 0 2	0 3 2	0 0 4	0 8 8	5 0 5 4	0 2 3	1 3 2	5 0 8 8	0 1 7	1 7 9	5 0 8 8	0 1 1	2 8 1	5 1 8 0	0 0 6	3 9 5	2 0 0		
13	0 1 4	0 0 2	6 0 0	3 0	0 1 1	0 9 5	5 0 6 7	0 2 2	1 3 9	5 0 3 1	0 1 3	1 8 7	5 0 5 8	0 2 1	2 9 3	5 0 5 1	0 3 1	4 1 2	1 1 5 0 2 4	
14	0 1 5	0 0 3	5 0 2	0 1 3	0 9 7	5 0 5 1	0 2 3	1 4 1	5 0 8 6	0 2 1	1 8 8	5 0 7 6	0 1 3	2 9 5	5 0 6 7	0 1 2	4 1 2	1 3 6 0 1 1		
15	9 8 3	0 0 4	3 0 4	4 5	5 1 3	0 7 1	5 0 1 2	0 3 5	1 1 7	5 0 4 4	0 3 1	1 6 5	5 0 3 9	0 3 5	2 7 1	5 0 2 8	3 9 2	1 1 1		
16	9 8 4	0 0 0	1 0 2	2 9	5 1 2	0 7 2	5 0 6 0	0 2 3	1 1 7	5 0 9 8	0 1 8	1 6 3	5 1 3 4	0 1 4	2 6 4	5 1 5 2	0 0 4	3 7 9	2 3 1 0 0 7	
17	9 9 7	0 0 2	3 0	3 5	5 0 2	0 8 3	5 0 4 9	0 2 6	1 2 7	5 0 9 0	0 1 9	1 7 4	5 1 1 1	0 1 5	2 7 6	5 1 2 4	0 0 7	3 9 2	1 7 5	
18	9 9 5	0 0 1	9 0	3 0	5 0 3	0 8 0	5 0 4 8	0 2 5	1 2 5	5 0 8 3	0 2 2	1 7 2	5 0 6 2	0 2 0	2 7 5	5 1 2 3	0 1 1	3 9 2	1 6 1 0 0 5	
19	0 0 5	0 0 1	9 0	3 4	0 0 5	0 8 6	5 0 5 4	0 2 5	1 3 3	5 0 6 5	0 2 7	1 8 0	5 0 8 0	0 2 4	2 8 3	5 1 1 5	0 2 1	4 0 0	1 8 0 0 1 1	
20	9 9 0	0 0 2	4 0	3 6	5 0 6	0 7 7	5 0 3 5	0 2 9	1 2 2	5 0 5 7	0 2 6	1 6 9	5 1 0 3	0 2 0	2 7 1	5 1 4 5	0 1 3	3 8 6	2 2 7 0 0 7	
21	9 9 8	0 0 2	2 0	3 5	5 0 1	0 8 3	5 0 5 1	0 2 6	1 2 7	5 0 8 2	0 2 3	1 7 4	5 1 2 3	0 1 8	2 7 5	5 1 7 8	0 0 9	3 8 9	2 3 2 0 0 2	
22	0 0 5	0 0 1	8 0	3 9	0 0 5	0 8 8	5 0 3 8	0 2 9	1 3 3	5 0 4 7	0 2 9	1 8 1	5 0 2 8	0 3 5	2 8 7	5 0 2 9	4 0 8	0 6 1	0 2 6	
23	0 0 6	0 0 3	5 0 4	4 5	0 0 5	0 9 1	0 0 5 5	0 6 0	1 3 7	5 0 3 0	0 5 1	1 8 6	5 0 0 6	0 1 9	2 9 3	5 0 0 2 0	4 1 6	0 5 6		
24	0 0 8	0 0 2	6 0	3 4	0 0 5	0 9 1	5 0 5 4	0 2 6	1 3 5	5 0 9 0	0 2 1	1 8 2	5 0 9 4	0 1 6	2 8 6	5 0 5 4	4 0 6	1 2 7 0 0 8		
25	0 1 3	0 0 2	3 0	3 5	0 1 1	0 9 5	5 0 5 4	0 2 6	1 3 9	5 0 2 5	0 2 5	1 8 8	5 0 1 4	0 1 9	2 9 3	5 0 5 5	0 0 9	4 1 2	1 2 6 0 0 7	
26	0 0 7	0 0 5	0 0 5	5 2	0 0 6	0 9 2	0 0 2 6	0 4 9	1 3 8	5 0 1 0	0 3 9	1 8 6	5 0 1 6	0 1 2	2 9 3	5 0 0 9	4 1 5	0 8 2 0 2 0		
27	9 8 5	0 0 3	1 0	4 5	5 1 3	0 7 4	0 0 6 8	0 6 3	1 2 1	5 0 4 8	0 5 7	1 7 1	5 0 3 1	0 5 6	2 7 8	5 0 2 3	0 4 2	3 9 9	0 8 4 0 2 8	
28	4 6 3	0 0 2	9 0	3 7	5 3 0	0 6 5	5 0 2 1	0 3 0	1 0 0	5 0 5 0	0 2 9	1 4 8	5 0 5 0	0 3 1	2 5 1	5 1 1 5	0 2 2	3 6 9	1 6 9 0 0 7	
29	9 7 9	0 0 1	4 0	3 5	5 1 8	0 6 8	5 0 0 0	0 2 7	1 1 3	5 0 7 2	0 2 9	1 5 9	5 1 1 1	0 2 0	2 6 1	5 1 3 0	0 1 8	3 7 8	1 7 4 0 1 3	
30	9 8 7	0 0 1	0 0 3	5 1 0	0 7 0	5 0 5 4	0 2 3	1 0 8	5 0 8 9	0 2 0	1 6 6	5 1 2 2	0 1 6	2 6 7	5 1 6 7	0 0 7	3 8 1	2 5 3 0 0 5		
31	9 8 4	0 0 1	6 0 3	0 3 0	5 1 3	0 7 2	5 0 3 4	0 2 3	1 1 7	5 0 7 1	0 1 8	1 6 4	5 1 0 9	0 1 4	2 6 5	5 2 0 6	0 0 6	3 7 7	2 8 6 0 0 4	

DAY	500. MILLIBARS			400. MILLIBARS			300. MILLIBARS			200. MILLIBARS			150. MILLIBARS			100. MILLIBARS			80. MILLIBARS			60. MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW																		
01	5 1 7	3 4 2	6 7 0	4 2 1	8 6 3	4 2 1	1 3 6	4 2 3	3 3 0	4 4 6	6 0 1	5 0 0	7 4 8	4 8 0	9 3 5	4 7 0								
02	5 4 0	2 5 9	0 3	6 9 9	3 5 1	0 2	8 9 0	4 9 6	1 5 0	4 9 5	3 3 8	5 1 2	6 0 1	5 0 0	7 5 3	5 1 0	9 4 1	4 8 1						
03	5 4 7	2 5 8	7 0 5	3 7 2	8 9 7	5 3 4	1 5 7	5 0 1	3 4 5	5 0 8	6 0 9	5 3 0	7 5 3	5 1 1	9 4 2	4 4 9								
06	5 0 6	3 0 0	- 0 5	5 6 1	4 3 4	0 1	8 5 4	4 2 9	1 2 8	4 0 6	3 2 3	4 4 9	5 9 6	4 4 7	7 4 5	4 3 8	9 3 8							
07	5 1 1	3 1 1	0 4	6 6 5	4 1 1	0 1	8 5 6	5 2 5	1 2 7	4 1 6	3 2 1	4 3 7	5 9 3	4 4 3	7 4 3	4 4 5	9 3 5	4 4 4						
08	5 1 7	3 4 0	0 3	6 7 2	4 0 9	0 1	8 6 3	4 8 5	1 3 3	4 2 9	3 2 5	4 5 5	5 9 5	4 8 6	7 4 2	4 6 4								
09	5 3 5	2 2 8	0 7	6 9 5	3 4 2	0 4	8 9 0	4 9 2	1 5 2	5 0 3	3 3 9	5 0 6	6 0 3	5 1 0	7 4 9	4 9 4								
10	5 2 2	2 8 5	0 5	6 7 9	3 9 0	0 2	8 6 6	5 1 8	1 3 9	5 0 4 7	3 2 9	1 8 1	4 1 0	7 6 1	4 2 0	9 5 5	4 1 6							
11	5 1 1	3 0 0	0 4	6 6 7	3 8 4	0 2	8 6 1	4 3 2	1 3 9	5 9 3	3 3 4	5 1 5	6 1 0	4 1 0	7 6 1	4 2 0	9 5 5							
12	5 2 7	3 0 2	0 2	6 8 2	4 2 6	0 1	7 8 1	4 8 4	1 5 2	4 5 6	3 4 2	4 6 4	6 1 1	4 7 3	7 5 8	4 6 7	9 4 9	4 5 4						
13	5 5 0	1 9 7	1 2	7 1 2	3 1 1	0 5	9 0 9	4 6 3	1 6 7	5 4 1	3 4 9	5 5 8	6 0 8	5 2 0	7 5 3	5 0 5	9 4 2	4 7 6						
14	5 4 8	2 2 6	0 6	7 0 7	3 5 0	0 1	9 0 1	5 1 2	1 5 8	5 3 7	3 4 3	5 0 9	6 0 7	4 9 7	7 5 1	5 1 5	9 3 9	4 9 0						
15	5 2 8	2 2 0		6 8 8	3 5 3		8 8 4	4 7 9	1 5 1	4 8 0	3 4 1	5 0 2	6 0 6	4 6 7	7 5 2	4 8 2	9 4 3	4 6 5						
16	5 1 0	3 1 9	0 4	6 6 5	4 2 5	0 1	8 6 3	5 4 2	1 3 3	4 1 3	3 2 7	4 3 1	5 9 8	4 3 3	7 4 9	4 3 3	9 4 2	4 2 0						
17	5 2 7	2 5 6	0 4	6 8 5	3 5 5		8 8 0	4 8 2	1 3 7	4 5 5	3 1 1	1 4 0	4 9 6											
18	5 2 7	2 4 1	0 3	6 8 5	3 7 3		8 7 7	5 1 1	1 3 7	4 5 5	3 3 7	4 8 7	6 0 1	5 2 9	7 4 5	5 3 5	9 3 0	5 3 3						
19	5 3 4	2 6 5	0 7	6 9 3	3 6 3	0 1	8 8 6	5 0 5	1 4 8	4 7 9	3 3 7	4 8 7	6 0 1	5 2 9	7 4 5	5 3 5	9 3 0							
20	5 1 7	5 0 7	0 5	6 7 2	4 1 6	0 1	8 6 4																	

**RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF APRIL 1950**

DAY	SURFACE			1000 MBARS		900 MILLIBARS				850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WWW	HHH.	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW
01	991	000	025	507	077	5065	021	121	5105	015	167	5154	011	267	5185	007	382	225				
02	005	000	026	005	088	5075	017	132	5111	015	178	5146	012	279	5175	003	392	245	003			
03	000	000	027	014	097	5083	020	141	5044	012	189	5044	008	294	5051	029	414	105	023			
04	004	000	037	004	087	5051	029	132	5020	009	181	5017	016	285	5052	036	405	122	022			
05	002	001	036	002	087	5012	017	135	5001	012	184	0016	047	291	5036	038	412	085	025			
06	991	003	020	507	077	5040	030	122	5057	026	170	5075	016	272	5156	007	386	166				
07	003	002	043	003	087	5036	031	132	5070	026	174	5101	019	282	5115	015	396	199				
08	985	500	103	512	072	5051	028	116	5069	023	163	5101	020	265	5176	012	379	269	005			
10	985	001	703	512	073	5034	031	118	5050	030	165	5063	019	268	5125	005	384	217				
11	990	002	403	508	077	5037	029	122	5073	022	169	5095	018	270	5175	009	384	259	006			
12	010	001	303	009	092	5065	024	137	5056	012	185	5021	029	290	5021	010	412	095	014			
13	995	002	403	503	080	5042	027	125	5075	023	172	5100	021	275	5130	010	392	175	005			
14	991	002	303	507	077	5033	030	123	5055	027	170	5090	022	272	5143	016	388	175				
15	991	001	003	507	078	5040	028	123	5078	022	169	5102	019	271	5138	016	388	176	013			
16	987	002	404	510	074	5048	024	119	5084	022	166	5122	016	267	5177	009	380	269	002			
17	997	001	503	501	082	5050	025	127	5096	020	173	5126	017	274	5186	010	386	291	004			
18	007	301	603	006	090	5062	024	134	5100	019	181	5121	016	283	5114	017	400	179	013			
19	986	000	705	511	073	5025	031	119	5024	030	167	5048	026	272	5051	027	392	125	015			
20	011	000	203	009	092	5081	018	137	5065	009	184	5086	011	287	5120	012	403	190	009			
21	016	002	403	013	097	5064	023	141	5099	020	189	5062	012	292	5010	011	409	191	008			
22	014	002	403	015	099	5053	032	144	5045	031	191	5070	016	297	5062	013	415	134				
23	015	002	028	013	096	5018	009	142	5011	020	190	5020	009	295	5061	015	415	17	007			
24	001	002	103	001	085	5043	029	151	5024	020	179	5011	009	284	5074	022	403	109				
25	999	002	503	009	084	5032	031	129	5061	026	176	5102	018	279	5106	018	396	163				
26	011	002	202	009	093	5066	022	137	5106	018	184	5149	012	285	5136	021	400	221				
27	012	000	203	010	093	5073	023	138	5104	019	184	5119	008	287	5106	024	404	182	007			
28	985	002	504	512	073	0015	045	119	5001	043	169	5030	036	274	5053	039	115					
29	999	501	501	017	000	082	5093	013	126	5134	011	173	5075	010	277	5074	022	395	145	007		
30	019	001	002	501	016	099	5077	021	143	5050	013	191	5016	011	296	5081	022	414	148	013		

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW															
01	515	313	667	419	857	491	127	450	318	488	585	474	731	503	919	505					
02	523	245	679	396	872	461	141	470	531	494	405	516	740	513	927	516					
03	552	190	111	714	509	05	912	457	171	605	363	453									
04	545	203	12	705	305	06	904	437	164	581	347	549	606	532	750	535	936	523			
05	551	189	14	713	302	06	912	435	175	595	356	526	615	565	756	556	939	554			
06	524	215	685	311			885	411	156	469											
07	531	298	684	427	01		885	453	155	455											
08	507	381	05	557	487	01	846	445	119	440	310	465	579	471	726	471					
10	515	326	03	668	431		858	476	131	413	325	441	544	492	741	495	929	499			
11	513	362	03	665	455	01	854	474	125	435	318	454	586	486	733	495	920	504			
12	551	156	18	716	256	09	918	412	151	610	357	635	608	590	740	574	931	557			
13	526	265	03	683	374	02	875	520	144	458	335	483	5099	520	745	525	924	543			
14	523	260		680	400	01	869	533	134	465	325	469	541	513	735	503	925	510			
15	525	252	07	682	349	03	875	493	143	460	333	475	602	462	750	489	941	451			
17	514	370	02	667	417		859	458	129	460	333	458	588	490	735	497	923	496			
18	554	274	07	691	374		885	491	144	547	329	534	592	515	736	529	921	540			
20	537	287	07	693	379	02	886	516	143	551	327	534	588	523	733	504	921	504			
21	561	280	04	698	410	01	909	549	144	494	330	515	596	500	741	494	930	494			
22	551	231	711	350	02		806	490	160	624	341	560	603	466	749	495	939	453			
23	553	187	715	300	915	444	175	580	361	472	426	533	770	504	950	438					
24	540	257	699	356	893	485	157	499	344	537	603	561	743	574	925	567					
25	552	212	694	301																	
26	532	300	686	362			883	483													
27	537	273	06	695	364	03	888	515	141	599	322	569	576	583	716	568	858	560			
28	530	206	691	314	889	469	146	566	330	550	546	541	546	733	563	853	915	576			
29	533	189	695	316	02	891	469	149	568	332	546	541	554	554	740	584	921	587			
30	549	245	08	700	371	02	900	521	156	554	341	554	549	554	740	584	921	587			

**RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF MAY 1950**

DAY	SURFACE			1000 MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WWW	HHH	HHH	-TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW									
01	0 1 1	0 0 5	5 0 3 9	0 0 9	0 9 4	0 0 2 2	0 4 3	1 4 0	0 0 2 0	U 0 3 3	1 4 9	5 0 2 4	0 3 1	2 9 5	5 0 6 6	0 3 2	4 1 4	1 3 1	0 2 1			
02	0 0 1	0 0 1	7 0 3 3	0 0 1	0 8 5	5 0 5 2	0 2 3	1 3 0	5 0 1 9	0 2 1	1 7 6	5 1 0 9	0 1 1	2 7 9	5 1 0 9		3 9 5	2 0 2				
04	4 9 0	0 0 0	0 0 3 1	0 0 5	0 7 6	5 0 6 1	0 2 5	1 2 0	5 0 9 2	0 2 0	1 6 7	5 1 2 3	0 1 8	2 6 8	5 1 8 7	0 1 0	3 8 1	2 6 1	0 0 6			
05	0 1 1	0 0 0	2 0 3 0	0 0 9	0 9 2	5 0 8 1	0 1 7	1 3 7	5 0 8 2	0 0 3	1 8 3	5 1 0 3	0 0 5	2 8 4	5 1 8 4		3 9 8	2 2 0				
06	0 0 4	0 0 4	5 0 4 5	0 0 4	0 9 0	0 0 3 7	0 5 4	1 3 6	0 0 2 6	0 5 4	1 8 5	5 0 0 2	0 4 6									
07	9 9 7	0 0 3	4 0 3 9	5 0 7	0 8 5	5 0 0 5	0 2 1	1 2 9	5 0 1 5	0 0 8	1 7 7	5 0 4 6	0 1 4	2 8 1	5 1 0 6	0 1 7	3 9 9	1 4 2	0 1 8			
08	0 0 2	0 0 2	4 0 3 0	0 0 5	0 8 7	5 0 5 1	0 2 2	1 3 1	5 0 9 0	0 1 9	1 7 8	5 1 1 9	0 1 4	2 8 1	5 1 1 5		3 9 7	1 7 1				
09	9 9 6	0 0 1	4 0 3 0	5 0 3	0 8 2	5 0 5 2	0 2 3	1 2 7	5 0 9 3	0 1 9	1 7 3	5 1 2 4	0 1 5	2 7 4	5 1 8 6	0 1 0	3 8 7	2 4 1				
10	0 0 2	0 0 1	1 0 3 4	5 0 2	0 8 8	5 0 3 4	0 3 1	1 3 1	5 0 7 7	0 2 7	1 7 8	5 0 9 4	0 2 0	2 8 1	5 1 1 5	0 1 8	3 9 8	1 8 3	0 1 1			
11	0 1 2	5 0 0	6 0 2 5	1 0 1	0 9 2	5 0 5 7	0 1 7	1 3 7	5 0 7 5	0 1 3	1 8 4	5 0 9 6	0 1 2	2 8 6	5 1 6 4	0 0 9	4 0 1	1 9 7	0 0 7			
12	0 0 4	0 0 4	9 0 4 2	0 0 4	0 8 9	5 0 0 5	0 4 0	1 3 5	5 0 0 6	0 4 3	1 8 4	5 0 1 0	0 4 6	2 9 0	5 0 2 4	0 3 8	4 1 1	0 9 8	0 2 2			
13	9 9 3	0 0 2	0 0 3 1	5 0 5	0 7 9	5 0 9 1	0 2 4	1 2 5	5 0 8 6	0 2 1	1 7 0	5 1 1 6	0 1 8	2 7 2	5 1 3 4	0 0 5	3 8 7	2 0 7	0 0 3			
14	9 9 8	0 0 0	9 0 3 1	5 0 9	0 7 6	5 0 5 4	0 2 3	1 2 0	5 0 8 2	0 2 2	1 6 7	5 1 2 3	0 1 6	2 6 8	5 1 4 0	0 0 8	3 8 1	2 8 4	0 0 4			
15	9 9 7	0 0 0	4 0 3 5	5 0 2	0 7 5	5 0 4 3	0 2 3	1 2 7	5 0 7 0	0 2 2	1 2 7	5 1 1 1	0 1 7	1 7 4	5 1 4 9	0 1 4	2 7 4	5 1 6 8	0 3 5			
16	9 8 7	0 0 0	5 0 3 3	5 1 0	0 7 5	5 0 5 2	0 2 3	1 1 9	5 0 9 9	0 1 7	1 6 6	5 1 2 5	0 1 3	2 6 6	5 1 8 4	0 0 4	3 8 0	2 3 0				
17	9 9 2	0 0 1	1 0 2 1	5 0 5	0 7 7	5 1 0 0	0 1 2	1 2 0	5 1 3 9	0 1 0	1 6 6	5 1 8 4	0 0 8	2 6 5	5 2 0 6		3 7 8	2 2 5				
18	9 8 7	0 0 1	5 0 3 3	5 1 0	0 7 4	5 0 4 8	0 2 6	1 1 9	5 0 7 6	0 2 3	1 6 5	5 1 1 1	0 1 8	2 6 6	5 1 8 4	0 0 8	3 7 9	2 7 3	0 0 3			
19	9 8 5	0 0 3	0 0 3 4	5 1 3	0 7 1	5 0 2 8	0 2 4	1 1 6	5 0 9 3	0 1 9	1 6 3	5 1 0 9	0 1 6	2 6 5	5 1 0 2		3 8 3	1 7 2				
20	9 9 0	0 0 1	6 0 3 1	5 0 8	0 7 6	5 0 4 3	0 2 0	1 2 1	5 0 7 7	0 1 3	1 6 8	5 1 1 5	0 1 1	2 6 9	5 1 7 6		3 8 4	1 6 9				
21	9 9 2	0 0 0	4 0 2 5	5 0 5	0 7 7	5 0 6 6	0 2 0	1 2 2	5 1 0 1	0 1 7	1 6 8	5 1 2 1	0 1 0	2 6 9	5 2 0 8	0 0 6	3 8 1	2 6 4	0 0 2			
22	9 0 0	0 0 1	5 0 2 6	5 0 1	0 6 4	5 0 6 4	0 1 5	1 2 9	5 0 9 6	0 1 6	1 7 5	5 1 2 5	0 0 8	2 7 5	5 1 8 2		3 9 1	1 9 5	0 0 7			
23	9 9 2	0 0 0	2 0 2 7	5 0 6	0 7 7	5 0 5 9	0 1 4	1 2 2	5 0 7 0	0 0 7	1 6 9	5 1 0 7	0 0 5	2 7 1	5 1 1 4	0 1 7	3 8 8	1 5 9	0 1 5			
24	0 0 0	0 0 0	5 0 2 1	0 0 1	0 8 3	5 0 7 4	0 1 5	1 2 8	5 0 6 6	0 0 7	1 7 5	5 0 8 1		2 7 8	5 1 2 3		3 9 6	1 5 0	0 1 2			
25	9 8 7	0 0 0	1 0 2 1	5 0 5	0 7 2	5 0 2 6	0 1 7	1 2 7	5 0 4 5	0 0 9	1 7 4	5 0 1 6	0 0 8	2 7 9	5 0 7 8	0 0 8	3 9 7	1 5 5	0 0 6			
26	0 0 8	0 0 0	9 0 2 7	0 0 7	0 9 0	5 0 6 2	0 2 1	1 3 4	5 0 7 0	0 2 2	1 8 1	5 0 0 6	0 0 7	2 8 6	5 0 7 4		4 0 5	1 3 0				
27	9 8 5	0 0 1	4 0 4 1	5 1 3	0 7 1	5 0 0 1	0 4 1	1 1 7	5 0 2 5	0 3 7	1 6 5	5 0 5 0	0 3 2	2 8 6	5 2 6 9	0 2 3	3 8 6	1 7 6				
28	9 8 5	0 0 0	9 0 3 0	5 1 2	0 7 2	5 0 5 2	0 2 5	1 1 7	5 0 8 3	0 2 1	1 6 4	5 0 1 1	0 1 8	2 6 6	5 1 3 7	0 0 9	3 8 1	2 0 8	0 0 4			
29	4 7 7	5 0 0	7 0 3 3	5 1 8	0 6 5	5 0 5 0	0 2 8	1 1 0	5 0 6 1	0 2 2	1 5 7	5 0 9 0	0 1 9	2 6 1	5 1 1 6	0 2 0	3 7 7	1 9 8	0 1 1			
30	5 6 5	5 0 1	5 0 2 8	5 1 1	0 7 2	5 0 7 6	0 2 0	1 1 6	5 1 1 3	0 0 7	1 6 2	5 1 1 7	0 1 0	2 6 4	5 1 6 9	0 0 5	3 7 7	2 4 7	0 0 7			
31	0 0 2	5 0 2	1 0 2 6	0 0 2	0 8 5	5 0 9 4	0 2 0	1 2 9	5 0 8 8	0 2 0	1 7 6	5 0 9 8	0 1 2	2 7 8	5 1 7 0	0 0 7	3 9 1	2 3 9	0 0 4			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW			
01	5 5 0	2 2 1	1 0	7 1 1	3 5 3	0 3	9 0 4	5 0 9	1 5 7	5 9 4	3 3 8	5 6 7	5 4 1	6 1 5	7 2 4	6 0 6	9 0 7	6 0 3						
02	5 2 7	3 2 1	0 1	6 8 2	4 3 1		R 7 5	4 5 6	1 4 5	3 7 3	4 8 1	5 4 7	5 5 7	7 3 9	5 7 1	0 2 1	5 4 1							
04	5 1 1	3 4 0	0 3	6 8 3	4 5 5	0 1	R 5 1	5 2 3	1 1 9	4 5 6	3 1 1	4 7 5	5 7 5	5 1 6	7 1 9	5 6 0	9 1 5	5 2 9						
05	5 3 0	3 1 6		6 8 5	3 7 5		R 7 8	5 0 9	1 3 6	5 5 5	3 2 0	5 5 1	5 7 9	5 3 9	7 2 3	5 4 0	0 0 5	5 5 2						
08	5 3 1	2 9 5	0 2	6 8 7	4 0 2	0 1	R 7 6	5 6 2	1 3 5	4 6 4	3 2 6	4 7 7	5 8 8	5 4 6	7 3 2	5 1 6	0 1 8	5 2 2						
09	5 1 8	3 3 5		6 7 1	4 2 7		R 6 0	4 7 1	1 3 1	4 4 5	3 2 2	4 7 9	5 8 7	5 0 7	7 3 2	5 1 0	0 1 8	5 2 2						
10	5 3 2	2 7 2	0 8	6 8 6	4 0 4	0 2	R 7 7	5 3 9	1 3 7	5 2 5	3 2 3	5 1 9	5 6 7	5 0 1	7 3 2	5 0 7	0 1 8	4 9 9						
11	5 3 5	2 6 7	0 3	6 9 2	3 6 4	0 1	R 6 2	5 1 9	1 3 5	4 9 0	3 1 9	4 8 4	4 9 4	4 7 5	7 3 3	4 6 5	0 2 0	4 9 0						
12	5 1 9	2 6 8	0 2	6 7 5	3 6 1	0 3	R 6 9	4 9 2	1 3 3	4 7 5	3 2 2	5 1 0	5 6 4	5 2 1	7 2 9	5 0 9	9 1 7	5 0 2						
14	5 0 9	2 7 7	0 2	6 7 8	3 6 9	0 3	R 4 7	4 6 8	1 1 9	4 3 1	3 1 3	4 5 0	5 6 3	4 6 1	7 3 0	4 7 9	0 2 0	4 9 0						
21	5 1 0	3 4 5		6 6 5	4 0 5	0 1	R 8 5	4 7 2	1 2 6	4 4 8	3 1 8	4 4 8	5 6 9	4 4 8	7 3 8	4 4 6	9 3 0	5 0 7						
22	5 2 4	2 8 4	0 4	6 8 1	3 9 8	0 1	R 7 1	5 2 5	1 3 4	4 7 6	3 2 3	4 9 2	4 4 3	4 4 4	7 4 2	4 5 4	9 3 4	4 4 5						
23	5 2 4	2 2 1	1 1	6 8 6	3 1 9	0 5	R 8 2	3 1 9	1 2 6	4 4 8	3 1 8	4 4 9	5 6 9	4 4 8	7 5 2	4 5 0	9 2 4	5 1 0						
24	5 3 1	2 6 2																						

**RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JUNE 1950**

DAY	SURFACE			1000 MBS.		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	PPP	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW						
01	9 8 2	0 0 2	6 0 4 4	5 1 4	0 7 1	5 0 0 2	0 4 0	1 1 6	5 0 1 7	0 3 9	1 6 5	5 0 4 3	0 3 4	2 6 8	5 1 0 5	0 0 6	2 6 3	1 4 9	0 0 9					
02	9 7 3	0 0 1	9 0 3 2	5 2 2	0 6 3	5 0 3 2	0 2 4	1 0 8	5 0 8 1	0 1 9	1 5 5	5 1 2 1	0 1 5	2 5 6	5 1 3 9	5 7 2	1 9 6							
03	9 6 5	0 0 0	1 0 2 9	5 2 8	0 5 6	5 0 5 1	0 2 5	1 0 1	5 0 8 5	0 2 2	1 4 7	5 1 1 1	0 1 8	2 4 8	5 2 0 3	0 0 9	3 6 1	2 5 5	0 0 3					
04	9 6 5	5 0 1	2 0 2 6	5 2 8	0 5 6	5 0 5 2	0 2 2	1 0 0	5 0 9 2	0 1 7	1 4 7	5 1 2 9	0 1 4	2 4 7	5 2 0 7	0 0 9	3 5 9	2 5 4	0 0 4					
05	9 7 7	5 0 1	4 0 2 4	5 1 8	0 6 5	5 0 6 9	0 2 0	1 0 0	5 1 0 6	0 1 5	1 5 6	5 1 3 8	0 1 3	2 5 6	5 2 0 4	0 0 7	3 6 8	2 6 1	0 0 2					
06	9 8 3	0 0 1	1 0 3 3	5 1 3	0 7 1	5 0 5 5	0 2 1	1 1 5	5 0 8 9	0 1 9	1 6 2	5 1 2 6	0 1 5	2 6 2	5 2 0 5	0 0 9	3 7 4	2 9 8	0 0 3					
07	9 8 5	5 0 1	2	5 1 2	0 7 2	5 0 5 3		1 1 7	5 0 6 3		1 6 4	5 0 9 0		2 6 5	5 1 8 3		3 7 8	2 8 3						
08	9 9 8	5 0 0	4 0 2 5	5 0 1	0 8 4	5 0 8 0	0 1 9	1 2 8	5 1 1 8	0 1 6	1 7 5	5 1 5 0	0 1 4	2 7 5	5 1 8 0	0 0 4	3 8 9	2 1 6						
09	9 9 0	0 0 1	0 0 5 8	5 0 7	0 7 7	5 0 0 5	0 4 0	1 2 8	5 0 0 9	0 4 1	1 7 1	5 0 3 3	0 3 3	2 7 5	5 0 8 9	0 2 6	3 9 2	1 7 5	0 1 4					
10	9 8 3	0 0 0	9 0 3 8	5 1 3	0 7 1	5 0 5 8	0 2 7	1 1 5	5 0 8 6	0 2 3	1 6 2	5 1 1 6	0 1 8	2 6 3	5 1 9 0	0 1 1	3 7 5	2 6 5	0 0 5					
11	9 8 4	0 0 1	0 0 3 0	5 1 3	0 7 1	5 0 6 0	0 2 3	1 1 6	5 0 9 5	0 1 9	1 6 2	5 1 2 1	0 1 6	2 6 3	5 1 8 8	0 1 0	3 7 7	2 5 1	0 0 2					
12	9 8 0	5 0 2	0 0 2 0	5 1 6	0 6 8	5 0 7 0	0 1 8	1 1 2	5 1 1 0	0 1 5	1 5 8	5 1 3 6	0 1 1	2 5 8	5 2 1 6	0 0 7	3 6 9	3 1 1	0 0 3					
13	9 8 5	5 0 1	9 0 2 3	5 1 2	0 7 1	5 0 8 6	0 1 8	1 1 5	5 1 2 9	0 1 5	1 6 1	5 1 5 6	0 1 3	2 6 1	5 2 2 1	0 0 8	3 7 2	3 0 4	0 0 4					
14	9 9 3	5 0 2	0 0 2 3	5 0 5	0 7 8	5 0 7 6	0 1 9	1 2 2	5 1 1 5	0 1 4	1 7 0	5 1 4 2	0 1 2	2 7 0	5 2 1 0	0 0 5	3 8 5	2 6 9	0 0 2					
15	0 0 3	5 0 1	2 0 2 3	5 0 3	0 8 6	5 0 9 0	0 2 6	1 3 0	5 1 2 1	0 1 6	1 7 6	5 1 6 3	0 1 2	2 7 5	5 2 1 6	0 0 4	3 8 7	2 6 6						
16	9 7 6	0 0 0	6 0 4 0	5 1 9	0 6 5	5 0 5 2	0 2 7	1 3 4	5 0 3 9	0 3 2	1 5 8	5 0 5 2	0 3 1	2 6 6	5 0 9 0	0 2 6	3 8 0	1 6 8	0 1 4					
17	9 7 0	0 0 0	8 0 3 7	5 2 4	0 6 0	5 0 3 3	0 3 2	1 0 5	5 0 7 1	0 2 6	1 5 2	5 1 0 8	0 2 0	2 5 3	5 1 8 4	0 1 1	3 6 7	2 5 0	0 0 5					
18	9 6 9	5 0 0	7 0 2 6	5 2 5	0 5 9	5 0 5 6	0 2 2	1 0 3	5 0 9 1	0 1 9	1 5 0	5 1 1 4	0 1 2	2 5 1	5 1 9 5	0 0 8	3 6 3	2 9 5	0 0 3					
19	9 9 5	5 0 4	2 0 2 1	5 0 4	0 7 8	5 1 2 0	0 1 3	1 2 2	5 1 6 2	0 1 1	1 6 7	5 1 9 8	0 0 9	2 6 6	5 2 1 0	0 0 5	3 7 9	2 4 0						
20	0 1 6	5 0 2	5 0 2 6	5 0 1	0 9 5	5 1 0 2	0 1 8	1 3 9	5 1 3 2	0 1 5	1 8 5	5 1 7 3	0 1 1	2 8 5	5 1 5 6	0 1 0	3 9 9	1 9 8	0 0 6					
21	9 9 7	0 0 1	6 0 3 7	5 0 2	0 8 2	5 0 3 5	0 3 2	1 2 7	5 0 5 9	0 2 8	1 7 4	5 0 9 5	0 2 1	2 7 6	5 1 5 0	0 0 7	3 9 2	1 9 1						
22	9 9 3	0 0 1	5 0 3 5	5 0 5	0 7 9	5 0 4 8	0 2 6	1 2 3	5 0 8 2	0 2 2	1 7 0	5 1 1 7	0 1 7	2 7 1	5 1 8 7	0 1 0	3 8 4	2 5 1	0 0 6					
23	0 0 0	0 0 0	7 0 3 2	5 0 1	0 8 4	5 0 7 0	0 2 4	1 2 8	5 0 9 8	0 2 4	1 7 5	5 1 2 6	0 1 7	2 7 5	5 2 0 5	0 1 0	3 8 7	2 7 8	0 0 5					
24	9 8 2	5 0 0	7 0 3 2	5 1 4	0 6 9	5 0 5 2	0 2 5	1 1 4	5 0 6 6	0 2 2	1 6 1	5 1 1 5	0 1 8	2 6 3	5 1 5 8	0 1 3	3 7 7	2 5 3	0 0 6					
25	9 8 9	5 0 3	0 0 2 7	5 0 8	0 7 5	5 0 7 3	0 2 1	1 1 9	5 1 2 4	0 1 7	1 6 5	5 1 2 4	0 1 3	2 6 5	5 1 2 4	0 0 7	3 7 7	3 0 2	0 0 3					
26	9 9 8	5 0 2	2 0 2 8	5 0 1	0 8 2	5 0 8 5	0 2 0	1 2 6	5 1 2 6	0 1 6	1 7 2	5 1 4 9	0 1 2	2 7 1	5 2 2 8	0 0 4	3 8 2	3 1 7	0 0 1					
27	0 0 2	5 0 3	5 0 2 2	5 0 2	0 8 4	5 1 1 5	0 1 5	1 2 8	5 1 4 4	0 1 3	1 7 3	5 1 8 6	0 1 0	2 7 1	5 2 4 5	6 0 4	3 8 3	3 0 8						
28	0 1 3	5 0 4	0 0 1 9	0 1 1	0 9 3	5 1 1 9	0 1 3	1 3 6	5 1 1 8	0 0 6	1 8 3	5 1 2 5	0 2 4	2 8 4	5 1 6 4	0 1 8	3 9 9	2 1 3	0 0 7					
29	9 7 5	0 0 1	9 0 4 4	5 2 0	0 6 5	0 0 1 5	0 4 6	1 1 1	5 0 1 4	0 3 9	1 5 9	5 0 4 8	0 3 1	2 6 3	5 1 2 4	0 1 8	3 7 8	2 2 1	0 0 9					
30	0 0 8	5 0 5	6 0 1 6	0 0 7	0 8 9	5 1 1 0	0 1 2	1 3 2	5 1 4 1	0 0 7	1 7 9	5 1 2 9		2 8 0	5 1 7 6	3 9 3	2 4 5							
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW			
01	5 0 5	2 9 6	0 2	6 6 0	2 8 0	0 1	8 4 8	5 4 8	1 1 4	4 6 4	3 0 4	4 8 6	5 7 0	4 9 5	7 1 6	4 7 7	9 0 6	4 8 3						
03	4 9 1	3 5 2	0 2	6 4 3	4 3 5		8 3 3	5 0 9	0 9 9	4 6 5	2 9 0	4 7 5	5 5 9	4 7 2	7 0 7	4 7 0	8 9 7	4 8 9						
03	4 9 1	3 5 2		6 4 3	4 3 5		8 3 3	5 0 9	0 9 9	4 6 5	2 9 0	4 7 5	5 5 9	4 7 2	7 0 7	4 7 0	8 9 7	4 8 9						
04	4 8 7	3 7 0	0 2	6 3 7	4 9 0	0 1	8 2 5	4 8 5	0 9 1	4 6 6	2 8 2	4 7 1	5 5 0	4 7 5	6 9 8	4 6 6	8 8 8	4 6 5						
05	4 9 8	3 2 9		6 5 1	4 4 9		8 3 7	5 8 2	0 9 7	5 2 2	2 8 4	5 0 3	5 4 9	5 0 3	6 9 4	5 0 3	8 8 3	4 7 6						
06	5 0 1	4 0 5	0 1	6 5 0	4 7 2		8 3 8	5 1 1	1 0 2	5 1 5	2 8 8	5 2 4	5 4 9	5 5 0	6 9 2	5 3 3	8 7 6	5 4 6						
07	5 0 5	3 9 9		6 5 4	4 9 8		8 4 2	5 1 2	1 0 7	4 9 5	2 8 8	5 2 4	5 4 9	5 5 0	7 0 0	5 4 7	8 8 3	5 7 0						
08	5 2 2	2 6 9	0 5	6 8 0	3 8 2		8 7 1	5 3 1	1 2 9	5 1 9	3 1 5	5 1 0	5 7 7	5 4 4	7 1 9	5 5 6	9 0 1	5 8 2						
09	5 2 6	2 6 8	0 2	6 8 3	4 0 7	0 1	8 7 2	5 1 5	1 2 9	5 2 5	3 1 5	5 1 3	5 7 5	5 5 1	7 1 7	5 7 5	8 9 7	6 1 8						
10	5 0 5	3 6 9	0 2	6 5 4	5 0 4		8 3 9	5 4 1	1 0 4	4 7 3	2 9 4	5 0 5												
11	5 0 6	3 5 5		6 5 7	4 8 3		8 4 3	5 5 4	1 0 5	5 0 6	2 9 2	5 0 1	5 5 5	5 2 3	7 0 0	5 5 6	8 8 5	5 7 6						
12	4 9 6	3 9 9	0 1	6 4 7	4 4 7		8 3 8	5 1 2	1 0 3	4 8 1	2 9 1	5 0 6	5 5 4	5 3 4	6 9 6	5 6 6	8 7 7	5 9 2						
13	5 0 0	3 8 5	0 2	6 5 1	4 8 0	0 1	8 3 6	5 4 0	0 9 9	4 8 4	2 8 6	5 0 9	5 4 9	5 2 6	6 9 2	5 3 6								
14	5 1 2	3 2 5		6 6 6	4 4 3		8 5 2	5 8 4	1 1 1	5 0 1	2 9 9	4 9 0	5 6 4	5 0 3	7 0 9	5 4 1	8 9 2	5 5 2						
15	5 1 7	3 4 4		6 7 0	4 4 3		8 5 6	5 6 3	1 1 8	5 1 0	3 0 5	5 1 0	5 6 8	5 2 8	7 1 1	5 4 3	8 9 5	5 5 8						
16	5 1 5	2 7 1	0 7	6 7 1	4 0 0	0 2	8 6 1	5 6 9	1 1 5	5 5 5	2 9 9	5 3 1												
17	4 9 6	3 5 4	0 2	6 6 8	4 7 4	0 1	8 3 5	5 1 4	0 9 9	4 9 7	2 7 3	5 3 4	5 3 7	4 8 9	6 8 3	4 8 9	8 7 2	4 9 3						
18	4 9 0	4 0 0	0 2	6 3 9	4 9 2		8 2 6	5 3 1	0 8 7	5 1 7	2 7 3	5 7 5	5 3 6											

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JULY 1950

DAY	SURFACE			1000 MBARS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW															
01	0 0 0	0 0 0	2 0 3	2	0 0 1	0 8 4	5 0 7	0 2 5	1 2 0	5 1 0	9	0 1 8	1 7 4	5 1 4	0 1 4	2 7 4	5 2 1	R	0 0 7	3 8 6	2 8 6	0 0 3			
02	0 1 1	5 0 2	3 0 2	3	0 0 9	0 9 1	5 1 0	9	0 1 6	1 3 5	5 1 3	5 0 1	8 1	5 1 3	6	0 0 9	2 8 2	5 1 4	3 0 9	3 9 8	2 0 2	0 1 0			
03	0 1 9	5 0 1	4 0 2	8	0 1 5	0 9 9	0 0 1	1 1	1 4 4	5 0 1	6	1 9 2	5 0 4	9	2 9 6	5 0 9	2	0 9 2	4 1 3	1 7 1					
04	0 1 5	0 0 1	0 0 3	9	0 1 2	0 9 7	0 0 2	9	1 4 3	0 0 5	5 3	1 9 2	5 0 2	5 0 5	2 0 4	2 9 7	5 0 8	6	2 7 1	4 1 5	1 4 7	0 1 7			
05	9 8 9	0 0 1	0 0 6	3 6	5 0 8	0 7 6	5 0 3	6	0 3 0	1 2 1	5 0 6	4	0 2 7	1 6 8	5 0 9	3	0 2 3	2 7 0	5 1 3	0	1 4	3 8 7			
06	9 8 2	0 0 0	0 0 3	3 3	5 1 4	0 7 0	5 0 6	1	0 2 5	1 1 4	5 0 9	0	0 2 2	1 6 1	5 1 2	3	1 2 5	2 6 1	5 1 8	0	1 0	1 9 0			
08	9 8 5	0 0 0	0 0 6	3 0	5 1 2	0 7 2	5 0 5	4	0 2 2	1 1 7	5 0 8	9	0 1 9	1 6 3	5 1 2	1	0 1 6	2 6 5	5 1 1	1	0 1 9	3 8 5			
09	9 7 8	0 0 0	0 0 5	2 7	5 1 7	0 6 7	5 0 5	0	0 2 2	1 1 1	5 0 8	9	0 1 5	1 5 6	5 1 2	5	0 7	2 5 8	5 2 1	2	0 0 4	1 6 1			
10	9 8 0	0 0 1	0 0 3	2 2	5 1 5	0 6 8	5 0 7	8	0 1 8	1 1 1	5 1 2	0	2 0 1	1 5 7	5 1 5	8	0 1 2	2 5 6	5 2 4	3	0 0 5	3 1 7			
11	9 8 7	5 0 2	9 0 2	2	5 1 3	0 7 2	5 1 0	3	0 1 1	1 1 6	5 1 4	0	0 1 2	1 6 2	5 1 7	3	0 1 1	2 6 1	5 2 1	1	0 0 3	3 7 3			
12	9 8 0	5 0 0	4 0 2	6	5 1 6	0 6 8	5 0 7	2	0 2 0	1 1 2	5 0 9	9	0 1 6	1 5 9	5 1 3	0	1 1	2 5 9	5 2 1	3	0 0 5	3 1 5			
13	9 8 5	5 0 1	4 0 2	4	5 1 2	0 7 2	5 0 8	3	0 1 7	1 1 6	5 1 1	5	0 1 4	1 6 2	5 1 5	1	0 1 1	2 6 1	5 2 3	0	0 0 4	3 7 1			
14	9 9 7	0 0 0	0 0 2	3 4	5 0 2	0 8 2	5 0 5	6	0 2 7	1 2 6	5 0 5	5	0 2 8	1 7 4	5 0 6	3	0 1 7	2 7 7	5 1 0	1	0 1 4	3 9 4			
15	0 0 6	0 0 1	7 0 3	6	0 0 5	0 9 1	0 0 3	4	0 4 6	1 3 7	0 0 6	4	0 1 1	1 8 5	5 0 0	5	0 3 9	2 9 1	5 0 4	9	0 2 4	1 6 9			
16	0 0 4	5 0 0	3 0 3	1	0 0 4	0 8 8	5 0 1	6	0 3 1	1 3 3	0 0 3	2	0 1 5	1 8 2	0 0 9	0	0 1 0	2 8 8	5 0 6	1	0 1 1	4 0 7			
17	0 0 4	5 0 0	5 0 2	5	0 0 4	0 8 7	5 0 7	9	0 2 0	1 3 1	5 1 1	5	0 1 7	1 7 7	5 1 4	4	0 1 4	2 7 7	5 1 5	4	0 1 4	3 9 2			
18	9 9 9	5 0 1	8 0 2	6	5 0 0	0 8 2	5 0 9	0	1 7	1 2 6	5 1 1	8	0 1 5	1 7 3	5 1 5	2	0 1 3	2 7 3	5 1 6	3	0 1 8	3 8 8			
19	9 8 1	0 0 0	8 0 3	7	5 1 5	0 6 9	5 0 2	3	0 3 4	1 1 5	5 0 0	4	0 4 3	1 6 3	5 0 3	4	0 3 5	2 6 7	5 1 1	6	0 1 9	3 8 4			
20	9 8 5	5 0 0	3 0 2	8	5 1 2	0 7 2	5 0 6	8	0 2 1	1 1 6	5 1 0	8	0 1 7	1 6 3	5 1 3	8	0 1 3	2 6 3	5 1 9	4	0 1 0	3 7 6			
21	9 9 1	0 0 0	5 0 3	0	5 0 7	0 7 6	5 0 4	7	0 1 6	1 2 1	5 0 6	4	0 1 2	1 6 7	5 1 2	3	0 1 0	2 6 6	5 1 9	5	0 0 6	3 8 0			
22	9 7 2	0 0 0	6 0 3	4	5 2 2	0 6 1	5 0 4	5	0 2 8	1 0 6	5 0 8	9	0 2 2	1 5 3	5 1 1	4	0 1 6	2 5 3	5 1 8	6	0 1 0	3 6 6			
23	9 8 5	5 0 1	5 0 2	3	5 1 5	0 7 0	5 0 7	2	0 1 9	1 1 4	5 1 0	6	0 1 8	1 6 1	5 1 3	9	0 1 4	2 6 1	5 2 0	6	0 0 8	3 7 5			
24	9 9 5	5 0 0	2 0 3	0	5 0 5	0 8 1	5 0 7	0	0 2 1	1 2 5	5 1 0	1	0 1 9	1 7 1	5 1 4	5	0 1 4	2 7 1	5 2 1	7	0 0 7	3 8 3			
25	0 0 0	5 0 1	1 0 3	0	0 0 1	0 8 3	5 0 8	3	0 2 1	1 2 7	5 0 8	6	0 1 7	1 7 4	5 1 1	4	0 1 0	2 7 5	5 2 0	1	0 0 4	3 8 7			
26	9 9 1	0 0 0	7 0 3	2	5 0 7	0 7 7	5 0 5	8	0 2 5	1 2 1	5 0 8	9	0 2 2	1 6 8	5 1 2	5	0 1 7	2 6 9	5 1 8	5	0 1 1	3 8 3			
27	9 9 6	0 0 0	5 0 3	4	5 0 9	0 8 1	0 0 2	0	0 2 0	1 2 8	5 0 6	0	0 6 3												
28	9 7 1	5 0 0	9 0 2	4	5 2 3	0 6 1	5 0 6	2	0 2 2	1 0 6	5 1 0	0	0 1 9	1 5 3	5 1 3	4	0 1 6	2 5 3	5 2 2	0	0 0 6	3 6 4			
29	9 7 1	5 0 0	5 0 2	7	5 2 3	0 6 2	5 0 5	6	0 2 2	1 0 6	5 1 0	0	0 1 9	1 5 3	5 1 5	6	0 1 1	2 5 3	5 2 3	1	0 0 7	3 6 4			
30	9 7 5	5 0 2	0 0 2	3	5 2 0	0 6 3	5 0 7	9	0 1 9	1 0 7	5 1 1	9	0 1 5	1 5 3	5 1 6	8	0 1 1	2 6 1	5 2 0	6	0 0 8	3 7 5			
31	9 8 4	5 0 1	0 0 2	4	5 1 3	0 7 1	5 0 7	1	0 2 0	1 1 5	5 1 0	3	0 1 6	1 6 1	5 1 3	6	0 1 4	2 6 1	5 2 0	6	0 0 8	3 7 5			
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS			
HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW		
01	5 1 4	3 7 1	6 6 5	4 7 5	8 5 0	6 0 0	1 0 3	5 9 0	2 8 2	6 0 8	5 3 5	6 5 3							5 9 5	6 8 9	6 3 2				
02	5 3 0	3 0 9	0 4	6 8 5	4 2 0	8 8 3	5 6 4	1 3 1	6 8 9	3 0 6	6 3 4	5 5 2	6 7 9												
03	5 4 6	2 8 4	7 0 5	3 9 5	0 2	8 9 3	5 6 5	1 3 9	6 9 4	3 1 4	6 3 5	5 6 1	6 6 3	F 9 5	6 9 5	6 9 7	8 6 6	6 8 6							
04	5 4 6	2 8 4	7 0 5	3 9 5	0 2	8 9 3	5 6 5	1 3 9	6 9 4	3 1 4	6 3 5	5 6 1	6 6 3	F 9 5	6 9 5	6 9 7	8 6 6	6 8 6							
05	5 5 1	2 4 8	0 9	7 0 9	3 7 6	9 0 0	5 4 3	1 4 8	7 5 0	3 1 9	6 6 0														
06	5 0 5	3 3 8	0 3	5 7 5	4 1 8	0 1																			
08	5 1 7	2 6 5	6 7 4	3 8 6	0 2	8 6 5	5 4 1	1 1 9	5 9 4	3 0 0	5 5 9														
10	4 9 4	3 7 9	6 4 5	4 7 7	8 2 9	5 5 6	0 8 6	5 7 6	2 6 7	5 9 1															
11	5 0 2	3 7 0	6 5 2	4 8 7	8 3 7	5 7 0	0 9 4	5 4 7	2 7 7	5 7 5	5 3 0	6 1 1	6 6 6	6 7 3	8 3 9	6 8 9									
12	4 9 7	3 9 5	0 2	6 4 7	4 7 2	8 3 3	5 7 3	0 6 5	6 0 5	2 6 5	6 0 8	5 1 5	6 2 0	E 5 2	6 4 7										
13	4 9 8	3 9 5	0 2	6 4 7	4 7 3	8 3 3	5 6 4	0 8 5	6 2 9	2 6 1	6 5 9	5 0 6	6 6 7												
14	5 2 9	2 5 9	0 4	6 8 8	3 5 2	0 2	8 8 1	5 1 5	1 3 3	6 9 5															
15	5 4 7	2 1 7	7 0 7	3 3 9	0 2	8 0 2	5 0 7	1 5 6	6 1 3	3 3 5	5 8 1	5 8 9	6 3 2	7 2 5	6 4 6	9 0 0	6 6 2								
16	5 4 2	2 7 5	6 9 8	3 9 8	0 2	8 8 9	5 2 9	1 4 4	5 5 2	3 2 8	5 3 7	5 8 7	5 5 2												
17	5 2 5	2 7 1	6 8 1	3 8 4	0 2	8 7 2	5 5 0																		
18	5 2 1	2 8 5	6 7 8	3 8 9	0 2																				
19	5 1 7	2 8 1	6 7 3	4 2 4	0 2	8 7 1	5 6 3	1 2 4	5 7 5	3 0 5	5 7 5	5 5 9	5 9 4												
20	5 0 4	3 6 8	0 2	6 5 5	4 7 9	0 1	8 3 8	6 2 5	0 6 7	6 2 2	2 6 6	5 8 8	5 1 8	6 3 6	6 5 3	6 7 5	8 2 8	6 5 0							
21	5 0 9	3 7 6	0 1	6 5 0	4 5 4	8 4 6	5 7 8	0 9 8	5 8 1	2 7 8	5 9 9	5 3 1	6 3 4												
22	4 9 6	3 6 0	0	6 4 7	4 8 2	8 3 3	5 5 0	0 9 1	5 4 7	2 7 3	5 8 0	5 2 7	6 2 6												
23	5 0 0	3 9 5	0 2	6 4 9	5 0 9	8 3 5	5 3 1	0 9 6	5 3 3	2 8 1	5 3 9														
24	5 1 3	3 4 7	0 2	6 6 4	4 8 5	0 1	8 4 7	6 1 7	1 0 0	5 5 3	2 8 1	5 8 0	5 3 6	5 7 4	6 7 6	5 9 8	8 5 6	5 8 0							
25	5 1 9	2 7 7																							
26	5 1 2	3 5 2	6 6 4	4 6 5	8 5 3	4 8 9	1 1 7	5 0 4	3 0 2	5 6 3															
28	4 8 8	4 1 3	6 5 7	4 8 0	8 2 4	4 9 6	0 8 0	4 7 7																	
29	4 9 1	3 8 4	0 1	6 4 2	4 5 0	8 2 9	5 6 2	0 8 5	5 7 3	2 6 6	5 8 0														
30	4 9 2	3 6 5	6 4 3	4 6 8	8 2 9	5 4 0	0 9 1	5 3 5	2 7																

**RESULTS OF RADIOSONDE OBSERVATIONS AT
FOR THE MONTH OF**

DAY	SURFACE			1000 MBs			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW											
01	9.62	0.01	8.04.0	5.31	0.54	5.02.6	0.32	0.99	5.05.1	0.28	1.46	5.08.6	0.23	2.48	5.15.8	0.15	3.64	1.95	0.12		
02	9.91	5.03	9.02.3	5.07	0.75	5.09.5	0.18	1.19	5.12.5	0.15	1.65	5.16.6	0.11	2.64	5.25.1	0.05	3.75	3.11	0.03		
03	0.06	0.00	0.01.4	5.05	0.88	5.08.1	0.18	1.33	5.08.1	0.14	1.79	5.11.6	0.08	2.61	5.13.6	0.08	3.97	1.99	0.09		
04	9.78	0.00	8.03.6	5.17	0.67	5.03.5	0.30	1.12	5.06.4	0.27	1.59	5.09.5	0.21	2.60	5.18.0	0.11					
05	9.96	5.01	0.02.7	5.03	0.81	5.06.4	0.22	1.25	5.09.6	0.19	1.71	5.12.1	0.15	2.72	5.17.8	0.10	3.89	1.58	0.13		
06	9.75	0.00	0.02.9	5.20	0.64	5.05.0	0.24	1.09	5.08.6	0.20	1.55	5.12.3	0.15	2.56	5.19.7	0.08	3.69	2.90	0.04		
08	9.96	0.01	9.03.5	5.05	0.81	5.03.0	0.29	1.26	5.04.6	0.26	1.75	5.01.6	0.34	2.79	5.08.1	0.19	3.98	1.51	0.10		
09	9.98	5.02	5.02.1	5.01	0.81	5.10.0	0.16	1.25	5.12.1	0.14	1.71	5.10.0	0.09	2.74	5.14.3	0.11	3.69	2.03			
10	9.92	5.01	4.02.5	5.06	0.77	5.08.0	0.20	1.21	5.10.9	0.18	1.68	5.14.1	0.15	2.67	5.23.3	0.06	3.78	3.30	0.03		
11	9.93	5.02	3.01.8	5.05	0.78	5.09.4	0.15	1.22	5.13.4	0.13	1.67	5.17.0	0.11	2.66	5.25.0	0.06	3.76	3.47	0.03		
12	9.90	5.02	4.02.8	5.07	0.76	5.07.1	0.23	1.20	5.09.9	0.19	1.67	5.11.0	0.18	2.68	5.18.4	0.10	3.81	2.68	0.05		
13	9.82	5.01	6.02.4	5.14	0.69	5.07.4	0.19	1.13	5.11.5	0.16	1.60	5.14.1	0.15	2.59	5.23.6	0.07	3.69	3.36	0.03		
14	0.01	5.05	6.16	0.01	0.83	5.14.0	0.12	1.25	5.17.6	0.10	1.71	5.20.7	0.08	2.69	5.23.6	0.04	3.81	2.79			
15	0.11	0.00	5.03.6	0.09	0.93	5.01.7	0.35	1.38	5.01.3	0.40	1.86	5.04.2	0.32								
16	9.88	0.02	5.03.6	5.09	0.75	5.01.0	0.37	1.21	5.04.1	0.32	1.68	5.06.6	0.27								
17	0.05	5.00	2.02.8	0.05	0.88	5.07.2	0.18	1.32	5.10.5	0.15	1.78	5.14.5	0.12	2.78	5.19.8	0.07	3.92	2.39	0.07		
18	9.92	0.00	7.03.3	5.06	0.78	5.60.0	0.26	1.22	5.08.8	0.22	1.69	5.11.7	0.15	2.71	5.14.3	0.07	3.86	2.09	0.10		
19	0.05	5.02	3.01.9	0.05	0.87	5.10.3	0.15	1.31	5.12.0	0.15	1.77	5.10.5	0.08	2.80	5.12.6	0.09	3.97	1.70	0.06		
20	9.72	5.00	7.02.9	5.22	0.61	5.06.0	0.23	1.06	5.09.0	0.20	1.53	5.11.0	0.18	2.53	5.19.2	0.08	3.67	2.36			
21	9.97	5.03	10.02.0	5.02	0.80	5.11.0	0.12	1.24	5.15.4	0.10	1.69	5.19.0	0.08	2.67	5.23.2	0.04	3.79	2.67			
22	0.04	5.00	9.02.8	0.04	0.86	5.08.8	0.20	1.30	5.10.5	0.19	1.77	5.09.7	0.20	2.79	5.15.0	0.14	3.94	2.26			
23	9.92	0.00	10.03.3	5.05	0.78	5.03.9	0.30	1.23	5.04.1	0.33	1.66	5.06.6	0.28	2.73	5.10.0	0.16	3.90	1.69	0.13		
24	9.95	5.01	9.02.1	5.03	0.79	5.09.9	0.13	1.23	5.13.9	0.11	1.68	5.17.0	0.03	2.67	5.25.0	0.02	3.77	3.21	0.01		
25	9.82	5.05	6.01.5	5.14	0.68	5.12.6	0.10	1.11	5.16.9	0.06	1.65	5.20.4	0.05	2.54	5.28.6	0.04	3.62	3.54	0.01		
26	9.93	5.07	6.01.8	5.05	0.76	5.14.4	0.12	1.19	5.17.6	0.10	1.64	5.21.0	0.07	2.62	5.23.5	0.05	3.73	3.07	0.02		
28	0.10	5.02	9.02.0	0.08	0.91	5.04.2	0.18	1.36	5.07.3	0.18	1.83	5.09.7	0.19	2.86	5.08.9	0.08	4.04	1.56			
29	0.02	5.01	20.02.0	0.02	0.85	5.09.9	0.14	1.29	5.13.5	0.12	1.75	5.13.1	0.04	2.75	5.19.4	0.03	3.90	1.91	0.11		
30	0.02	5.02	5.01.6	0.02	0.85	5.10.6	0.13	1.28	5.14.6	0.11	1.74	5.11.7	0.04	2.76	5.15.2	0.04	3.91	2.16	0.03		
31	9.75	5.02	6.02.7	5.19	0.63	5.07.6	0.22	1.07	5.10.8	0.17	1.54	5.12.3	0.16	2.55	5.15.3	0.13	3.71	1.66	0.15		

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW			
01	4.97	2.93	0.5	6.52	3.97	0.2	8.46	4.76	1.11	5.09			2.81	5.55		5.34	7.00	5.40	8.83	5.48				
02	5.02	3.76	0.1	6.53	4.60	0.1	8.41	4.99	1.06	4.83	2.94	5.06	5.57	5.34	7.05	5.58	8.87	5.78						
03	5.31	2.52	0.7	6.89	3.75	0.2	8.81	5.40	1.30	6.48	3.07	5.80	5.63	5.69	7.05									
05	5.24	2.65	0.6	6.81	3.81	0.2	8.72	5.53	1.21	6.40	3.00	6.12	5.47	6.80										
06	4.97	3.51	0.2	6.49	4.49	0.1	8.37	5.41	1.00	5.08	2.85	5.60	5.38	6.23										
08	5.33	2.51	0.4	6.91	3.66	0.1	8.84	5.27																
09	5.21	3.04		6.75	4.46	0.1	8.74	5.45																
10	5.04	4.00	0.1	6.52	5.12		8.37	5.48	0.96	5.44	2.81	5.55												
11	5.01	4.15	0.1	6.49	5.05		8.34	5.69	0.90	5.76	2.72	5.80												
12	5.12	3.34	0.3	6.64	4.61	0.1	8.49	5.95	0.95	6.74	2.71	6.17	5.30	6.39										
13	4.97	3.76	0.2	6.47	4.62	0.1	8.33	5.79	0.87	6.14	2.66	6.18	5.16	6.24										
14	5.09	3.75		6.59	5.08		8.41	6.18	0.91	6.04	2.69	6.36	5.19	6.20	6.57	6.20	8.35	6.24						
17	5.23	3.40	0.3	6.75	4.67	0.1	8.59	5.80																
18	5.19	2.90	0.5	6.75	4.25	0.2	8.62	5.50	1.24	4.95	3.12	5.08												
19	5.31	2.64	0.5	6.88	3.85	0.1	8.80	5.50	1.36	5.61	3.20	5.33	5.79	5.63	7.20	5.76	9.01	5.78						
21	5.08	3.67		6.61	4.39		8.50	5.24	1.11	5.19	2.96	5.55	5.54	5.61										
22	5.25	3.20		6.80	4.01		8.71	5.47	1.27	5.38	3.12	5.51	5.69	5.70										
23	5.24	2.60	0.7	6.82	3.67	0.3	8.75	5.20	1.35	5.24	3.21	5.35	5.82	5.35										
24	5.03	4.12	0.1	6.52	4.81		8.40	5.20																
25	4.88	4.17		6.36	5.04		8.23	5.23	0.85	4.98	2.71	5.16	5.34	5.05										
26	5.00	3.61	0.1	6.52	4.63		8.40	5.48	0.96	5.81	2.88	6.00												
28	5.39	2.65		6.96	3.97	0.1	8.86	5.50	1.33	7.10	3.05	6.57	5.54	6.07	6.93	5.95	8.75	5.51						
29	5.24	2.66	0.7	6.81	3.86	0.2	8.72	5.33	1.23	6.57	2.99	6.23												
30	5.23	2.84	0.2	6.80	3.80	0.1	8.71	5.60	1.22	6.45	2.98	6.25												
31	5.06	2.50	0.8	6.65	3.78	0.3	8.57	5.28	1.09	6.04	2.89	5.83	5.45	5.78	6.86	5.68								

**RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF SEPTEMBER 1950**

DAY	SURFACE			1000 MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WWW	HHH	HHH	TTT	WWW														
01	9 7 7	5 0 4	6 0 2	2 0	5 1 8	0 6 4	5 0 8 4	0 1 9	1 0 8	5 1 1 2	0 1 7	1 5 4	5 1 4 0	0 1 4	2 5 5	5 1 7 9	0 1 1	3 6 9	2 4 7	0 0 7	
02	9 8 2	5 0 4	1 0 2	2	5 1 4	0 6 9	5 0 9 0	0 1 7	1 1 3	5 1 1 7	0 1 4	1 5 9	5 1 5 0	0 1 3	2 5 9	5 1 7 0	0 1 0	3 7 3	2 2 7		
03	9 8 0	5 0 0	8 0 2	3	5 1 6	0 6 8	5 0 7 0	0 1 0	1 1 2	5 1 1 1	0 0 8	1 5 8	5 1 5 4	0 0 8	2 5 8	5 2 1 4	0 0 3	3 7 1	2 6 5	0 0 5	
04	9 9 6	5 0 2	2 0 0	2	5 0 3	0 8 0	5 1 0 5	0 1 4	1 2 3	5 1 4 7	0 1 2	1 6 9	5 1 7 6	0 1 0	2 6 8	5 2 0 1	0 0 5	3 8 1	2 8 3		
05	9 8 8	5 0 0	1 0 2	2	5 0 9	0 7 4	5 0 6 6	0 2 1	1 1 9	5 0 8 5	0 1 3	1 6 5	5 1 0 7	0 0 9	2 6 9	5 0 8 5	0 2 0	3 8 7	1 4 6	0 1 4	
06	9 8 8	5 0 1	9 0	2 5	5 0 9	0 7 4	5 0 8 4	0 2 0	1 1 8	5 1 1 7	0 1 7	1 6 4	5 1 5 1	0 1 3	2 6 3	5 2 4 0	0 0 7	3 7 3	3 0 6	0 0 4	
07	0 0 6	0 0 0	6 0	3 1	0 0 5	0 8 9	5 0 6 7	0 2 4	1 3 3	5 1 0 0	0 1 9	1 7 9	5 1 1 5	0 1 8	2 8 2	5 1 2 6	0 1 6	3 9 8	2 0 8	0 0 9	
08	0 0 0	5 0 1	0 0	2 3	0 0 1	0 8 3	5 0 7 5	0 1 7	1 2 8	5 1 1 4	0 1 2	1 7 4	5 1 4 3	0 0 9	2 7 3	5 2 2 5	0 0 3	3 8 5	2 8 9	0 0 2	
09	0 0 7	5 0 1	2 0	2 0	0 0 6	0 8 9	5 1 0 5	0 1 5	1 3 2	5 1 4 1	0 1 3	1 7 8	5 1 7 4	0 1 0	2 7 6	5 1 7 6		3 9 1	2 7 5	0 0 2	
10	0 0 5	5 0 0	1 0	3 0	0 0 5	0 8 7	5 0 7 1	0 2 3	1 3 2	5 0 2 5	0 1 3	1 8 0	5 0 2 2		2 8 5	5 1 0 9		4 0 1	1 9 3	0 0 8	
11	9 7 7	5 0 3	2 0	2 4	0 1 8	0 6 5	5 0 9 6	0 1 8	1 0 9	5 1 3 1	0 1 5	1 5 4	5 1 6 0	0 1 2	2 5 3	5 2 4 6	0 0 6	3 6 3	3 3 8	0 0 3	
12	9 8 5	5 0 0	7 0	3 3	5 1 3	0 7 0	5 0 6 7	0 2 5	1 1 5	5 0 9 6	0 2 1	1 6 1	5 1 2 5	0 1 7	2 6 2	5 1 3 7	0 1 6	3 7 9	1 4 8	0 1 7	
13	9 8 7	5 0 2	1 0	2 1	5 1 0	0 7 3	5 0 9 2	0 1 6	1 1 7	5 1 3 0	0 1 4	1 6 3	5 1 5 9	0 1 2	2 6 3	5 1 8 1	0 0 9	3 7 7	2 4 9	0 0 4	
14	9 9 2	0 0 0	0 0	2 6	5 0 5	0 7 7	5 0 6 9	0 1 9	1 2 2	5 1 0 9	0 1 6	1 6 8	5 1 3 8	0 1 4	2 6 8	5 1 8 9	0 1 0	3 8 2	2 3 9	0 0 7	
15	9 7 8	0 0 0	8 0	3 5	5 1 7	0 6 7	5 0 3 9	0 3 0	1 1 1	5 0 6 8	0 2 5	1 5 9	5 1 0 4	0 2 0	2 6 0	5 1 6 7	0 1 2	3 7 4	2 5 7	0 0 7	
16	9 8 5	5 0 3	3 0	1 7	5 1 1	0 7 1	5 0 9 6	0 1 6	1 1 5	5 1 3 6	0 1 3	1 6 1	5 1 6 1	0 1 2	2 6 0	5 2 4 7	0 0 6	3 7 1	3 1 0		
17	9 9 3	0 0 1	2 0	3 3	5 0 5	0 7 9	5 0 6 3	0 2 4	1 2 3	5 0 9 4	0 2 0	1 6 9	5 1 2 6	0 1 7	2 7 1	5 1 6 9	0 1 2	3 8 5	2 3 6	0 0 6	
18	9 9 9	0 0 1	1 0	3 3	5 0 0	0 8 3	5 0 6 6	0 2 3	1 2 8	5 0 7 7	0 2 3	1 7 5	5 0 8 0	0 1 3	2 7 9	5 1 0 0		3 9 6	1 6 5		
19	9 7 7	0 0 0	6 0	3 6	5 1 8	0 6 6	5 0 3 0	0 3 1	1 1 1	5 0 5 1	0 2 7	1 5 9	5 0 6 6	0 2 5	2 6 2	5 1 0 0	0 2 1	3 7 9	1 7 2	0 1 2	
20	9 9 0	0 0 1	3 0	3 5	5 0 7	0 7 6	5 0 5 2	0 2 7	1 2 1	5 0 9 1	0 2 0	1 6 7	5 1 2 9	0 1 6	2 6 8	5 1 8 6	0 0 9	3 8 1	2 4 8		
21	9 9 2	5 0 1	8 0	2 4	5 0 6	0 7 7	5 0 8 9	0 1 6	1 2 1	5 1 3 2	0 1 2	1 6 7	5 1 7 0	0 1 0	2 6 5	5 2 4 7	0 0 6	3 7 6	3 2 0	0 0 3	
22	9 9 0	5 0 1	1 0	3 0	5 0 7	0 7 6	5 0 6 7	0 2 3	1 2 0	5 0 9 3	0 2 0	1 6 7	5 1 3 1	0 1 6	2 6 7	5 1 9 0	0 1 0	3 8 0	2 7	0 0 5	
23	9 9 7	5 0 4	2 0	1 8	5 0 2	0 8 0	5 1 1 9	0 1 3	1 2 3	5 1 5 5	0 1 1	1 6 9	5 1 2 8		2 7 0	5 1 9 5	0 0 6	3 8 3	2 6 4	0 0 3	
24	9 8 5	5 0 0	4 0	2 9	5 1 2	0 7 2	5 0 7 5	0 2 0	1 1 6	5 1 1 5	0 1 7	1 6 2	5 1 3 3	0 0 9	2 6 3	5 1 6 2		3 7 7	2 6 4	0 0 2	
25	9 9 0	5 0 2	5 0	20	5 0 7	0 7 5	5 0 9 1	0 1 5	1 1 9	5 1 3 0	0 1 4	1 6 5	5 1 2 6	0 0 9	2 6 7	5 1 4 0	0 0 4	3 8 4	1 5 6	0 0 7	
26	0 0 3	5 0 3	1 0	1 9	0 0 3	0 8 5	5 1 1 5	0 1 3	1 2 9	5 1 4 1	0 1 2	1 7 4	5 1 7 9	0 0 9	2 7 3	5 2 2 2	0 0 2	3 8 5	3 1 3		
27	0 1 3	5 0 0	2 0	2 9	0 1 1	0 9 4	5 0 7 5	0 2 2	1 3 8	5 1 5 8	0 1 5	1 8 4	5 1 3 7	0 1 5	2 8 5	5 1 9 8	0 1 0	4 0 0	2 0 5	0 0 7	
28	9 9 9	0 0 0	0 0	3 1	0 0 0	0 8 3	5 0 6 3	0 2 5	1 2 7	5 0 8 7	0 2 2	1 7 4	5 1 1 0	0 1 9	2 7 6	5 1 6 5	0 1 1	3 9 0	2 3 4	0 0 2	
29	9 8 3	5 0 2	8 0	2 7	5 1 3	0 7 0	5 0 6 3	0 2 2	1 1 5	5 0 8 4	0 2 0	1 6 2	5 0 8 1	0 2 1	2 6 4	5 1 6 9	0 1 2	3 7 9	1 8 4	0 1 3	
30	9 8 7	5 0 1	7 0	2 6	5 1 0	0 7 3	5 0 7 3	0 1 8	1 1 8	5 0 9 8	0 1 5	1 6 4	5 1 3 3	0 1 2	2 6 5	5 1 9 6	0 1 0	3 7 7	2 8 9	0 0 5	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW			
01	5 0 0	2 9 8	0 5	6 5 5	4 3 0	0 1	8 4 1	5 9 4	0 9 5	5 5 3	2 7 8	5 5 5	5 3 7	5 6 4										
02	5 0 4	3 3 7		6 5 7	4 2 4		8 4 5	5 5 5	1 0 1	5 5 1	2 8 4	5 7 1	5 4 0	5 7 8	6 8 0	5 7 4	8 6 4	5 3 5						
03	5 0 1	3 3 0	0 2	6 5 4	4 3 8	0 1	8 4 0	6 1 1	0 9 4	5 4 8	2 7 7	5 5 9	5 3 6	5 4 4	6 7 8	5 2 5	8 6 3	5 3 2						
04	5 1 1	3 3 4		6 6 7	4 1 0																			
05	5 2 3	2 4 2	0 8	6 7 9	3 7 3	0 2	8 7 2	5 2 5	1 2 6	5 8 2	3 0 8	5 5 2												
06	5 0 1	4 0 1	0 2	6 4 9	4 8 8		8 3 5	5 4 1	0 9 6	5 2 7	2 8 1	5 2 3												
07	5 3 1	2 7 5		6 8 8	4 1 2	0 2	8 7 6	5 7 6	1 2 3	5 8 4	3 0 0	6 0 5	5 5 2	6 0 0										
08	5 1 5	3 7 1	0 1	6 6 4	4 8 1		8 4 6	5 7 5	1 0 5	5 7 0	2 8 7	5 7 1	5 4 4	5 5 7										
09	5 2 0	3 6 2		6 7 1	4 8 2		8 5 4	6 3 3																
10	5 3 5	2 8 0	0 5	6 9 2	3 9 4	0 2	8 8 2	5 4 8	1 3 1	6 8 6	3 0 3	6 4 5	5 5 0	6 6 7										
11	4 8 9	3 9 7	0 1	6 4 0	4 6 2		8 2 8	5 1 0																
12	5 1 4	2 4 8	0 8	6 7 3	3 7 7	0 3	8 6 4	5 2 9	1 2 0	5 7 4	3 0 1	5 8 1												
13	5 0 7	3 3 4		6 6 0	4 6 0	0 1	8 4 7	5 2 2	1 1 0	5 2 2														
14	5 1 3	3 3 5	0 3	6 6 6	4 3 9	0 1	8 5 5	5 4 1	1 1 0	5 9 0	2 9 0	6 0 7												
15	5 0 6	3 0 5	0 4	6 6 0	4 3 2	0 1	8 4 9	5 4 4	1 0 4	5 6 9	2 8 6	5 7 3												
16	4 9 8	3 9 4		6 4 7	4 9 1		8 3 5	5 0 1	0 9 9	5 2 2	2 8 5	5 3 5	5 4 6	5 3 9										
17	5 1 5	3 3 0		6 6 9	4 4 2		8 5 7	5 1 6	1 2 0	5 0 7	3 0 7	5 1 9	5 7 0	5 3 1	7 1 4	5 4 0	8 9 8	5 3 0						
18	5 3 1	2 5 1	0 4	6 9 0	3 4 2</																			

**RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF OCTOBER 1950**

DAY	SURFACE			1000. MBS.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW															
01	005	505	501	7	004	086	5135	012	129	5172	010	174	5140	006	275	5185	389	229							
02	986	000	702	9	511	073	5042	027	118	5072	024	165	5099	021	266	5175	012	380	258	006					
03	989	500	602	8	508	075	5076	019	119	5109	017	165	5140	011	266	5165	380	260							
04	978	501	202	0	517	066	5056	013	111	5094	008	157	5132	007	257	5219	003	369	305	001					
05	998	501	602	1	501	082	5090	016	125	5134	013	171	5163	012	270	5230	004	381	309						
06	515	501	202	8	012	095	5095	018	139	5122	017	185	5113	017	287	5157	010	401	245	004					
07	014	000	502	8	012	094	5092	019	138	5120	016	185	5096	015	287	5138	008	403	223	004					
08	989	002	103	9	508	076	5039	030	121	5067	026	168	5085	023	271	5124	016	387	198	004					
09	996	500	102	4	503	081	5065	015	125	5109	013	171	5152	010	271	5139	006	386	234	004					
10	981	000	003	1	515	069	5062	021	113	5093	018	160	5122	013	260	5206	009	372	290	004					
11	992	501	102	7	506	077	5089	019	121	5107	019	167	5128	016	268	5204	006	380	301	002					
12	006	000	003	1	005	089	5062	024	133	5095	021	180	5094	019	283	5119	009	399	190						
13	984	001	203	6	512	071	5041	029	116	5064	026	163	5093	022	266	5159	014	380	227	008					
14	988	000	703	2	509	074	5046	024	119	5080	022	166	5110	019	267	5189	380	282							
15	967	500	103	5	526	057	5048	028	102	5076	025	149	5106	020	250	5171	012	364	262	006					
16	982	503	002	4	514	069	5094	019	113	5137	014	158	5168	011	257	5244	006	367	338	003					
17	996	503	202	0	503	079	5110	015	125	5143	013	169	5157	012	268	5236	004	379	305	002					
18	999	001	303	5	500	083	5048	029	128	5070	025	175	5078	024	279	5118	018	395	201	009					
19	000	000	303	2	004	087	5049	028	132	5067	021	179	5088	023	282	5118	008	398	196	003					
20	001	002	204	1	001	086	5008	038	131	5030	034	179	5034	036	285	5066	031	404	130	0018					
21	987	000	603	4	510	074	5054	026	119	5054	029	166	5059	015	271	5054	008	390	137	006					
22	989	000	703	0	508	075	5065	022	120	5101	013	166	5137	010	266	5173	381	220	006						
23	991	503	702	2	507	075	5115	014	119	5159	012	164	5178	009	264	5186	379	207							
24	002	501	402	2	002	085	5093	018	129	5129	015	175	5135	015	276	5175	011	390	237	006					
25	993	000	303	26	505	078	5068	020	123	5106	016	169	5128	013	269	5201	007	382	244	005					
26	009	001	203	32	008	091	5077	021	135	5105	018	182	5118	014	283	5177	004	397	234						
27	011	000	403	5	009	093	5020	035	138	5027	023	186	5051	021	290	5119	012	407	165						
28	985	000	603	3	512	072	5026	029	117	5031	030	165	5027	030	270	5085	022	387	153	018					
29	006	003	505	41	005	090	0032	050	137	0011	048	185	5020	042	289	5091	022	409	105	011					
30	010	002	403	34	009	092	5560	024	137	5080	019	184	5058	028	289	5093	017	405	194						
31	012	001	603	31	010	093	5063	022	138	5045	011	186	5058	017	290	5027	033	411	110	020					
DAY	500. MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS			
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	519	341		672	455		861	544	121	503	309	520	573	491	721	471	911	464							
02	509	353	03	663	416	01	854	504	118	493	305	520	567	517	712	493	900	480							
03	509	338		663	404		854	520	111	548															
04	495	406		645	834		854	514	097	510	283	520													
05	508	401	01	655	838	02	858	571	095	561	278	546	542	463	690	463									
06	531	338	02	684	450	01	871	588	115	705	286	673	535	630											
07	535	313		690	421		877	583	130	581	312	566	567	584	708	576	890	552							
08	520	285		677	390		867	543	125	537	308	588													
09	517	349	02	669	437		856	563	107	623															
10	500	365		652	455		838	591	091	582	272	593	526	568	668	524									
11	506	413	01	655	500		840	551	056	574	276	583													
12	532	287		688	389	02	879	551	126	657	305	639	553	642	689	631	867	586							
13	511	337	03	663	473	01	851	510	124	519	309	550													
14	508	382		615	458		848	533	105	580	286	583													
15	493	355	02	646	422	01	839	479	103	522	287	545													
16	492	433	01	640	519	01	823	581	078	561	261	541	524	468	673	458	865	434							
17	505	370	01	655	500		837	607	091	547	278	527	542	457	691	449									
18	527	302	04	681	438	01	860	563	120	595	301	597	557	551											
19	531	303	02	686	406	01	877	533	134	573	316	585	571	573	711	573	893	559							
20	540	224	06	701	327	02	897	508	153	617	333	570	590	569	731	548									
21	525	257	04	682	400	01	875	492	135	493	326	501	585	573	727	550									
22	513	305		668	419		858	499	120	544	303	571													
23	511	295		666	417		856	560	115	515	303	489													
24	521	323	02	674	416		863	553	125	495	313	487	580	488											
25	513	345	03	665	462	01	850	567	109	535	296	490	562	464	711	437	906	383							
26	529	288		685	384		878	502	138	518	326	484	593	475	741	466	933	460							
27	541	246	04	700	344	02	896	487	153	574	335	553	597</td												

**RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF NOVEMBER 1950**

DAY	SURFACE			1000 MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PPP	TTT	WWW	HHH	HHH	TTT	WWW																
01	9 0 4	0 0 2	9 0 4 5	5 1 3	0 7 2	0 0 2 0	0 4 0	1 1 9	0 0 2 2	0 5 3	1 6 8	0 0 1 7	0 5 5	1 6 8	0 1 3 8	0 1 5	2 6 9	5 2 1 3	0 0 8	3 8 1	3 0 7	0 0 4	
02	9 9 3	0 0 0	8 0 5 1	5 0 5	0 7 9	5 0 6 4	0 2 5	1 2 5	5 1 0 0	0 1 8	1 6 9	0 1 3 8	0 1 5	2 6 9	5 2 4 0	0 0 5	3 9 7	2 6 2	0 0 2	1 0 5	0 0 2 4		
03	0 0 4	5 0 2	2 0 2 1	0 0 4	0 8 6	5 1 0 5	0 1 5	1 3 0	5 1 3 7	0 1 3	1 7 6	5 1 6 2	0 1 2	2 7 5	5 2 4 0	0 0 5	3 9 7	2 6 2	0 0 2	1 0 5	0 0 2 4		
04	9 0 6	0 0 2	5 0 4 3	5 1 1	0 7 4	5 0 0 4	0 4 0	1 0 4	1 1 9	0 2 7	0 3 6	1 6 7	5 0 4 8	0 3 5	2 7 3	5 0 4 1	0 4 1	2 7 0	5 1 9 0	0 0 9	3 8 4	2 5 6	0 0 4
05	9 9 5	5 0 1	4 0 2 7	5 0 3	0 7 9	5 0 8 2	0 2 0	1 2 3	5 1 1 0	0 1 8	1 7 0	5 1 3 2	0 1 5	2 7 0	5 1 9 0	0 0 9	3 8 4	2 5 6	0 0 4	1 4 0	1 0 5	0 0 4	
06	0 1 2	5 0 0	3 0 2 7	0 1 0	0 9 3	5 0 6 6	0 2 4	1 3 6	5 0 7 7	0 2 4	1 8 5	5 0 4 9	0 1 4	2 9 0	5 0 6 3	0 1 3	4 1 0	1 1 6	0 0 8	1 3 7	1 1 6	0 0 8	
07	0 0 7	0 0 1	4 0 2 7	0 0 6	0 8 9	5 0 6 6	0 1 6	1 3 4	5 1 0 7	0 1 5	1 8 1	5 0 6 2	0 1 5	2 8 7	5 0 3 6	0 0 6	4 0 6	1 1 6	0 0 8	3 8 6	2 2 5	0 0 6	
08	0 0 9	0 0 2	0 0 2 6	0 0 6	0 9 0	5 0 6 6	0 2 2	1 2 4	5 0 9 0	0 1 6	1 7 0	5 1 1 0	0 0 6	2 9 2	5 0 5 5	0 1 1	4 1 2	1 1 6	0 0 8	3 8 6	2 0 9	0 0 8	
09	9 9 4	0 0 1	7 0 2 8	5 0 4	0 7 9	5 0 6 6	0 2 2	1 2 4	5 0 9 0	0 1 6	1 7 0	5 1 1 0	0 0 6	2 7 3	5 1 3 3	0 1 1	4 1 2	1 1 6	0 0 8	3 8 6	2 2 5	0 0 6	
10	9 9 6	0 0 3	5 0 3 4	5 0 3	0 8 1	5 0 4 5	0 2 7	1 2 6	5 0 8 0	0 2 1	1 7 3	5 1 0 9	0 1 8	2 7 4	5 1 9 4	0 0 7	3 8 6	2 2 5	0 0 6	1 0 5	1 0 5	0 0 6	
11	9 9 7	5 0 0	4 0 2 2	5 0 2	0 8 1	5 0 8 3	0 1 8	1 2 5	5 1 1 8	0 1 6	1 7 1	5 1 5 5	0 1 3	2 7 1	5 2 0 8	0 0 6	3 8 3	3 0 0	0 0 6	1 0 5	1 0 5	0 0 6	
12	9 7 8	0 0 0	8 0 5 8	5 1 8	0 6 7	5 0 3 1	0 3 2	1 1 2	5 0 6 0	0 2 7	1 5 9	5 0 9 9	0 2 1	2 6 1	5 1 6 4	0 1 2	3 7 5	2 4 3	0 0 6	3 7 5	2 4 3	0 0 6	
13	9 7 9	0 0 0	1 0 3 2	5 1 7	0 6 7	5 0 5 4	0 2 0	1 1 2	5 0 6 6	0 1 8	1 5 9	5 1 0 7	0 1 3	2 6 0	5 1 9 0	0 1 0	3 7 4	2 5 2	0 0 6	3 7 4	2 5 2	0 0 6	
14	9 9 6	5 0 3	7 0 2 2	5 0 3	0 7 9	5 1 1 4	0 1 6	1 2 3	5 1 4 2	0 1 4	1 6 9	5 1 7 1	0 1 2	2 6 9	5 1 8 4	0 0 7	3 8 2	2 7 5	0 0 4	1 0 5	1 0 5	0 0 4	
15	0 0 6	5 0 0	2 0 2 7	0 0 5	0 8 8	5 0 7 4	0 2 5	1 3 3	5 0 6 7	0 2 3	1 8 0	5 0 6 7	0 2 4	2 8 5	5 1 2 3	0 1 5	3 9 9	1 8 0	0 0 8	3 9 9	1 8 0	0 0 8	
16	0 0 2	5 0 0	2 0 2 6	0 0 2	0 8 5	5 0 7 5	0 2 2	1 2 9	5 1 0 7	0 1 9	1 7 7	5 0 3 9	0 1 5	2 8 1	5 0 7 1	0 1 3	4 0 0	1 5 7	0 0 8	3 8 5	2 7 5	0 0 3	
17	9 8 2	0 0 1	5 0 3 5	5 1 4	0 7 0	5 0 4 5	0 2 6	1 1 5	5 0 7 5	0 2 0	1 6 2	5 0 7 5	0 2 5	2 6 4	5 1 5 8	0 1 3	3 7 9	1 8 2	0 0 8	3 7 9	1 8 2	0 0 8	
18	9 8 3	0 0 1	0 0 2 8	5 1 5	0 7 1	5 0 5 9	0 2 4	1 1 5	5 0 8 2	0 1 8	1 6 2	5 1 0 5	0 1 7	2 6 4	5 1 5 7	0 1 3	3 7 9	2 0 9	0 0 5	3 9 3	2 1 0	0 0 5	
19	0 0 1	5 0 1	4 0 2 7	5 0 1	0 8 4	5 0 3 4	0 1 2	1 2 9	5 0 5 6	0 0 7	1 7 6	5 0 9 6	0 0 6	2 7 8	5 1 5 6	0 1 0	3 9 3	2 1 0	0 0 5	3 9 3	2 1 0	0 0 5	
20	0 0 3	5 0 1	1 0 2 0	0 0 3	0 8 6	5 0 9 3	0 1 7	1 3 1	5 0 6 0	0 0 9	1 7 8	5 0 6 9	0 0 9	2 8 1	5 1 2 1	0 0 6	3 9 9	1 4 9	0 0 5	3 9 9	1 4 9	0 0 5	
21	9 8 4	0 0 0	1 0 3 1	5 0 8	0 7 5	5 0 6 9	0 2 3	1 1 9	5 0 9 8	0 2 0	1 6 6	5 1 2 7	0 1 7	2 6 8	5 1 4 3	0 0 9	3 8 4	1 8 0	0 0 5	3 8 4	1 8 0	0 0 5	
22	9 9 7	5 0 0	5 0 2 6	5 0 2	0 8 1	5 0 8 1	0 2 1	1 2 5	5 1 1 3	0 1 7	1 7 2	5 1 3 0	0 1 4	2 7 2	5 2 0 8	0 0 5	3 8 5	2 5 9	0 0 3	3 8 5	2 5 9	0 0 3	
23	9 9 8	5 0 0	4 0 2 7	5 0 1	0 8 2	5 0 7 6	0 2 0	1 2 6	5 1 0 4	0 1 8	1 7 2	5 1 3 4	0 1 4	2 7 3	5 2 1 2	0 0 8	3 8 5	2 7 5	0 0 3	3 8 5	2 7 5	0 0 3	
24	0 0 9	5 0 0	4 0 2 2	5 0 8	0 9 1	5 0 6 5	0 1 9	1 3 5	5 0 9 5	0 1 5	1 8 2	5 0 7 9	0 1 5	2 8 5	5 0 9 4	0 1 5	4 0 4	1 4 0	0 0 8	4 0 4	1 4 0	0 0 8	
25	9 9 0	0 0 1	6 0 3 5	5 0 8	0 7 7	5 0 0 2	0 3 2	1 2 3	5 0 0 0	0 4 2	1 7 1	5 0 0 7	0 4 3	2 7 7	5 0 6 6	0 3 2	3 9 5	1 4 8	0 1 4	3 9 5	1 4 8	0 1 4	
26	9 6 4	0 0 4	3 0 5 1	5 2 9	0 5 6	0 0 7	0 4 3	1 0 2	0 0 0 5	0 4 7	1 6 4	5 0 8 5	0 2 5	2 6 7	5 1 2 0	0 2 0	3 8 4	1 7 6	0 1 4	3 8 4	1 7 6	0 1 4	
27	9 5 5	0 0 0	6 0 3 4	5 1 2	0 7 2	5 0 4 7	0 3 0	1 1 7	5 0 6 5	0 2 7	1 6 4	5 0 8 5	0 2 5	2 6 7	5 1 2 0	0 2 0	3 9 7	1 3 0	0 0 7	3 9 7	1 3 0	0 0 7	
28	0 0 2	0 0 0	2 0 2 9	5 0 8	0 8 5	5 0 8 1	0 2 0	1 2 9	5 1 0 8	0 1 8	1 7 6	5 1 0 5	0 1 2	2 7 9	5 0 9 3	0 1 0	4 0 1	1 6 7	0 0 6	4 0 1	1 6 7	0 0 6	
29	0 0 7	0 0 1	1 0 3 8	5 0 9	0 9 0	5 0 4 5	0 3 1	1 3 5	5 0 6 7	0 2 3	1 8 2	5 0 9 6	0 2 3	2 8 5	5 1 1 0	0 1 0	4 0 1	1 6 7	0 0 6	4 0 1	1 6 7	0 0 6	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW			
02	5 1 6	4 1 0	0 2	6 5 6	5 0 7		8 5 7	5 2 2	1 2 3	4 7 3	3 1 3	4 8 0	5 8 2	4 5 2	7 3 1	4 5 2	9 2 4	4 2 0						
03	5 1 6	3 5 9		6 6 7	4 5 3						3 2 4	5 3 3	5 8 4	5 2 6	7 2 7	5 4 9	9 1 5	5 1 7						
05	5 1 4	3 3 2		6 6 9	4 2 2		8 9 2	4 7 4			3 4 7	5 4 1	6 0 9	5 1 8	7 5 3	5 2 8	9 4 2	4 8 0						
06	5 4 8	1 8 3	1 4	7 1 1	2 9 0	0 5	9 1 1	4 3 7	1 7 0	6 4 9	3 4 2	6 9 3												
07	5 4 1	2 5 5		6 9 9	3 8 4						3 4 7	5 4 1	6 0 9	5 1 8	7 5 3	5 2 8	9 4 2	4 8 0						
08	5 4 8	2 2 6	0 6	7 0 8	3 5 1	0 3	9 0 2	4 9 1	1 6 3	5 3 9	3 4 7	5 4 1	6 0 9	5 1 8	7 5 3	5 2 8	9 4 2	4 8 0						
09	5 2 1	2 7 3		6 7 9	3 6 7		8 7 5	4 1 3	1 5 1	4 0 8														
10	5 1 9	3 2 0	0 3	6 7 3	4 3 6	0 1	8 6 4	4 9 5	1 3 3	4 3 7														
11	5 1 0	3 9 2		6 6 1	4 5 7		8 4 9	5 4 5	1 0 9	4 9 0														
12	5 0 6	3 2 1	0 4	6 5 9	4 5 0	0 1	8 4 6	5 8 2																
13	5 0 3	3 5 6		6 5 4	4 9 5		8 3 9	5 9 3	0 9 1	5 0 2	2 7 4	5 3 5	5 3 9	4 7 2	6 8 8	4 2 2	8 8 5	3 6 9						
14	5 1 1	3 4 0		6 6 4	4 5 6		8 5 2	5 5 6	1 0 6	6 0 2	2 8 6	5 7 6												
15	5 3 3	2 7 9	0 6	6 9 1	3 5 9	0 2	8 8 3	5 1 9	1 4 0	5 6 7	3 2 4	5 3 3	5 8 4	5 2 6	7 2 7	5 4 9	9 1 5	5 1 7						
16	5 3 5	2 4 0	0 3	6 9 4	3 7																			

**RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF DECEMBER 1950**

DAY	SURFACE			1000 MBARS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS							
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW				
01	0 1 2	0 0 2	6 0 3	5 0 1	0 1 0	0 9 4	5 0 3	2 0 3	1 3 9	5 0 4	9 0 3	1 8 7	5 0 6	6 0 2 9	2 9 0	5 1 0	6 0 1 9	4 0 8	1 2 0							
02	0 1 4	0 0 7	7 0 5	6 0 1	2 0 2	0 9 8	0 0 5	8 0 4	1 4 4	0 0 1	0 0 1 0	0 4 6	1 9 3	5 0 2	2 2 0	5 0 6	3 0 8	0 0 8	4 1 8	1 0 0						
03	0 1 0	0 0 4	3 0 4	8 0 9	0 0 9	9 0 4	0 0 6	8 0 8	1 4 1	0 0 5	3 0 0	1 9 1	0 0 3	1 1 1	0 5 6	2 9 7	5 0 5	5 0 2 9	4 1 8	0 6 3						
04	0 1 5	0 0 5	5 0 0	3 7 0	0 1 5	0 9 7	0 0 1	3 0 3	2 2 2	1 4 3	0 0 5	2 4	0 1 9	1 9 1	5 0 4	3 0 1	7 2 9	5 0 8	1 4 1	1 2 5						
05	0 1 7	5 0 0	3 0 2	2 9 0	0 1 4	0 9 8	0 0 8	5 0 3	2 0 0	1 4 3	0 0 5	3	0 2 2	1 9 0	5 0 8	5 0 0	2 9 4	5 0 8	9 0 1 2	4 1 7	1 4 5 0 1 5					
06	0 9 7	0 0 2	0 0 3	0 3 0	5 0 2	0 8 2	0 0 2	5 0 4	2 0 8	1 2 7	0 0 2	2 4	1 7 4	5 0 9	3	0 2 2	2 7 6	5 1 6	0 0 3	3 9 0	2 1 9 0 0 8					
07	0 1 6	0 0 4	8 0 4	3 3 0	0 1 3	0 9 7	0 0 1	5 0 5	1 4 1	0 2 6	1 4 1	0 1 6	1 8 9	5 0 5	1 0 1	0 0 9	2 9 4	5 0 7	6 0 1 9	4 1 3	1 3 0 0 1 5					
08	0 2 8	0 0 5	4 0 5	5 1 1	0 0 9	0 7 6	0 0 1	5 0 8	0 4 5	1 2 2	0 0 2	2 4	0 4 3	1 7 1	5 0 0	8	0 4 2	2 7 7	5 0 3	0 1 3	3 9 7	1 1 4 0 1 2				
09	0 8 9	0 0 4	8 0 3	3 1 1	5 0 8	0 7 6	0 0 4	5 0 5	1 2 1	1 2 1	0 0 2	2 7	1 6 8	5 0 9	5	0 2 2	2 6 9	5 1 5	8	0 1 4	3 8 5	2 4 4 0 0 7				
10	0 0 1	0 0 1	6 0 0	5 0 8	0 7 6	5 0 5	0 0 4	5 0 4	2 2 7	1 2 1	0 0 3	2 3	1 6 7	5 1 1	4	0 1 9	2 6 9	5 1 7	5	0 1 1	3 8 4	2 2 0 0 0 8				
11	0 9 6	0 0 1	6 0 0	3 4 4	5 0 5	0 6 1	0 0 1	5 0 5	1 2 6	1 2 6	0 0 2	2 2	1 7 3	5 1 0	4	0 1 6	2 7 5	5 1 6	1	0 0 6	3 9 1	1 5 7				
12	0 0 7	0 0 0	0 0 2	7 5 1	0 1 0	0 7 3	0 0 5	5 0 6	0 2 1	1 1 8	0 1 8	0 1 8	5 1 0	9	0 1 5	2 6 4	5 2 2	1	0 0 6	3 7 5	3 1 2 0 0 3					
13	0 9 1	5 0 1	0 0 3	5 0 0	5 0 7	0 7 7	0 0 4	5 0 4	0 2 7	1 2 2	0 0 5	2 4	1 6 9	5 0 6	9	0 2 6	2 7 3	5 0 9	9	0 2 3	3 9 1	1 4 2 0 1 8				
14	0 9 1	0 0 2	2 0 0	5 3 3	0 0 1	0 8 4	0 0 5	5 0 6	0 2 4	1 2 9	0 0 5	2 4	1 7 6	5 1 1	2	0 1 7	2 7 7	5 1 1	9	0 1 9	3 9 3	1 9 7				
15	0 0 2	0 0 2	0 0 3	5 3 3	0 0 1	0 9 4	0 0 6	5 0 6	0 3 3	1 4 0	0 0 4	4	0 3	1 8 8	5 0 0	5	0 1 4	2 9 4	5 0 4	1	0 1 0	3 9 2	0 9 0 0 2 3			
16	0 0 1	0 0 4	1 0 0	3 3 5	0 0 9	0 9 4	0 0 4	5 0 6	0 3 3	1 4 0	0 0 4	4	0 3	1 8 5	5 0 0	5	0 1 6	2 9 1	5 0 5	6	0 1 0	4 1 1	0 7 7			
17	0 0 4	0 0 4	0 0 4	4 2 9	0 0 4	0 8 9	0 0 4	5 0 4	0 6 0	1 3 6	0 0 2	2 3	1 8 0	5 0 2	0 5	0 1 0	2 6 9	5 0 8	8	0 1 9	3 9 9	1 4 3				
18	0 9 9	0 0 3	3 0 3	3 6 6	0 0 9	0 8 5	0 0 9	5 0 9	0 3 6	1 3 0	0 0 3	3	1 7 8	5 0 5	6	0 2 8	2 6 2	5 0 8	8	0 1 9	4 0 0	1 9 8				
19	0 0 8	0 0 2	0 0 3	1 3 1	0 0 7	0 9 1	0 0 5	5 0 5	0 2 6	1 3 5	0 0 5	3	1 9	1 6 2	5 1 1	0	1 1	2 6 4	5 1 4	1	0 1 1	3 9 5	1 5 4 0 1 5			
20	0 8 9	0 0 3	9 0 4	4 5 5	5 0 8	0 7 7	0 0 2	6	0 5 1	1 2 3	0 0 2	6	0 1 2	5 0 1	2	0 4 2	2 7 7	5 0 7	7	0 3 1	3 9 5	1 5 4 0 1 5				
21	0 9 5	0 0 2	4 0 3	5 3 5	5 1 2	0 7 2	0 0 4	5 0 8	0 2 5	1 1 7	0 0 5	5	0 8 5	0 2 1	1 6 4	5 1 2	2	0 1 6	2 6 4	5 1 9	1	0 0 8	3 7 8	2 4 7		
22	0 9 6	0 0 1	7 0 0	2 8 8	5 0 3	0 8 1	0 0 6	5 0 6	0 2 3	1 2 5	0 0 5	5	0 9 9	0 1 9	1 7 2	5 0 7	0 1 9	2 7 4	5 1 5	2	0 1 1	3 9 0	1 9 7 0 0 3			
23	0 0 4	0 1 4	0 0 4	3 2 2	0 0 4	0 8 7	0 0 4	5 0 4	0 2 2	1 3 3	0 0 3	3	1 8 1	0 0 6	0 1 1	2 8 7	5 0 4	4	0 1 1	4 0 8	0 7 6 0 1 6					
24	0 9 8	0 0 3	3 0 4	5 1 5	6 0 9	0 7 7	0 0 5	5 0 3	0 3 3	1 1 4	0 0 6	3	2 8	1 6 2	5 0 9	1	0 2 4	2 6 5	5 1 1	0	0 1 8	3 8 1	1 7 3 0 0 9			
25	0 9 5	0 0 2	0 0 2	2 9 9	5 1 2	0 7 2	0 0 4	5 0 4	0 2 3	1 1 7	0 0 7	7	0 7 7	0 1 8	1 6 4	5 1 1	0 1 4	2 6 5	5 1 5	2	0 1 1	3 8 8	1 9 0 0 0 9			
26	0 9 0	0 0 2	9 0 4	1 5 1	5 0 8	0 7 7	0 0 5	5 0 5	0 3 2	1 2 2	0 0 6	7	0 6 7	0 2 6	1 6 9	5 1 0	0 2 1	2 7 1	5 1 1	6	0 1 6	3 8 8	1 9 0 0 0 9			
27	0 0 9	0 0 2	5 0 2	7 7	5 0 8	0 9 1	0 0 5	5 0 6	0 2 3	1 3 6	0 0 5	1	8	1	1 8 4	5 0 1	7	0 0 9	2 8 9	5 0 6	2	0 2 4	4 0 8	1 2 0 0 1 8		
28	0 9 8	0 0 2	6 0 3	5 6 5	5 0 9	0 7 5	0 0 4	5 0 4	0 2 8	1 2 0	0 0 5	5	0 7 4	0 2 3	1 6 7	5 0 1	0 2 1	2 7 1	5 0 8	5	0 1 6	3 8 9	1 4 2 0 1 3			
29	0 9 2	0 0 1	8 0 3	7 5 1	4 0 4	0 7 0	0 0 5	5 0 2	0 3 2	1 1 5	0 0 5	5	0 2 1	0 2 7	1 6 3	5 0 8	2	0 2 2	2 6 5	5 1 5	2	0 1 2	3 7 9	2 1 7 0 0 7		
30	0 0 8	0 0 0	2 0 3	0 3 0	0 0 7	0 9 0	0 0 5	5 0 1	0 2 8	1 3 5	0 0 3	3	1 8 3	5 0 1	7	0 4 3	2 8 9	5 0 6	5	0 3 3	4 0 8	0 8 0 0 3 3				
31	0 9 8	0 0 1	5 0 3	3 3 3	5 0 9	0 7 5	0 0 5	5 0 5	0 2 3	1 1 9	0 0 6	6	0 2 0	1 6 6	5 1 0	4	0 1 3	2 7 0	5 0 5	5	0 1 9	3 8 9	1 1 5 0 2 0			
DAY	500. MILLIBARS			400. MILLIBARS			300. MILLIBARS			200. MILLIBARS			150. MILLIBARS			100. MILLIBARS			80. MILLIBARS			60. MILLIBARS				
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW		
01	5 4 5	2 1 3	0 6	7 0 6	3 1 2	0 4	9 0 3	4 6 2	1 6 5	5 0 3	3 5 5	4 4 2	6 2 9	4 1 1	7 8 1	4 0 8	9 7 9	3 4 5								
02	5 5 6	2 0 5	1 2	7 1 9	2 7 0	0 8	9 2 1	4 1 7	1 8 2	6 4 2	3 5 9	5 6 7	6 1 6	5 6 7	7 5 8	5 3 8	9 4 4	4 9 9								
03	5 5 7	1 8 0		7 2 2	2 5 1	0 4	9 2 5	4 0 2	1 8 8	6 1 4	3 6 6	5 6 5	6 1 9	5 6 3	7 6 1	5 5 4	9 4 7	4 8 5								
04	5 5 0	2 2 0																								
05	5 4 7	2 3 3	0 9	7 0 6	3 6 7	0 3	8 9 8	5 3 5	1 5 9	4 9 2	3 4 9	4 6 0	6 1 7	4 7 0	7 6 6	4 4 8	9 6 0	3 8 7								
06	5 2 2	2 8 9	0 3	6 7 9	3 7 2		8 7 4	4 6 0	1 4 0	4 9 0	3 2 9	4 9 8	5 9 7	4 4 5	7 4 6	4 5 4	9 4 0	4 1 6								
07	5 4 9	2 2 5	0 8	7 1 0	3 2 7	0 5	9 0 6	4 8 3	1 6 2	6 5 0	3 4 2	5 4 7	6 0 4	5 0 0	7 5 1	4 4 3	9 4 5	4 4 1								
09	5 1 4	3 1 6	0 4	6 7 0	3 8 6	0 2	8 6 3	4 5 5	1 3 4	4 6 5	3 2 4	4 8 1	5 9 1	4 5 5	7 4 1	4 5 5	9 3 4	4 0 3								
10	5 1 6	2 8 2	0 3	6 7 3	3 6 9	0 2	8 6 7	4 7 4	1 3 7	4 3 9	3 2 8	4 3 1	5 9 8	4 6 1	7 4 6	4 5 5										
11	5 2 7	2 3 1	0 1	6 8 7	3 9 1		8 5 2	4 6 6	1 2 3	4 3 2	3 1 6	4 3 5	5 8 8	4 3 2	7 3 9	4 1 9	9 3 4	4 0 3								
13	5 0 3	3 3 8	0 1	6 8 8	3 9 1		8 5 2	4 6 6	1 2 3	4 3 2	3 1 6	4 3 5	5 8 8	4 3 2	7 3 9	4 1 9	9 3 4	4 0 3								
14	5 2 7	2 3 6	0 6	6 8 6	3 5 9	0 2	8 7 9	5 3 1	1 3 9	5 2 0	3 2 6	4 9 0	5 9 3	4 7 7	7 4 2	4 2 2	9 3 7	4 0 2								
15	5 2 6	3 0 1		6 8 1	4 0 9	0 1	8 7 1	5 4 5	1 3 4	4 6 5	3 2 4	4 8 1	5 9 1	4 5 5	7 4 1	4 5 5	9 3 4	4 0 3</								

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND 1950
TROPOPAUSE

JANUARY				FEBRUARY				MARCH				APRIL							
DAY	HHHH	PPP	TTT	DAY	HHHH	PPP	TTT	DAY	HHHH	PPP	TTT	DAY	HHHH	PPP	TTT				
			TYPE				TYPE				TYPE				TYPE				
02	1 1 4 6	2 6 0	5 8 6	1	1 2	7 6 0	3 6 0	4 3 4	2	0 1	1 0 5 0	2 3 3	5 7 2	1	0 1	7 4 9	3 5 1	4 9 0	2
03	9 6 8	2 6 3	5 1 8	1	1 3	1 0 1 4	2 4 8	5 1 7	1	0 2	1 0 5 8	3 0 6	4 6 1	2	0 2	8 5 8	3 0 6	4 6 1	2
04	9 1 1	2 8 7	4 8 9	1	1 4	7 9 1	3 3 7	4 4 3	1	0 3	9 7 1	2 6 7	5 7 4	1	0 3	1 1 0 2	2 2 3	6 0 1	2
05	7 8 4	3 4 1	4 8 0	1	1 5	1 1 8 4	2 0 0	6 1 0	1	0 5	7 3 5	3 5 8	4 5 8	1	0 4	1 0 9 0	2 2 5	6 0 1	1
07	9 4 3	2 7 5	4 8 0	1	1 6				0 7	8 5 6	3 0 0	5 2 5	1	0 5	1 2 1 4	1 8 7	6 0 3		
08	1 1 3 0	2 1 0	5 9 5	1	1 7				0 8	7 8 1	3 4 0	4 8 6	1	0 6	1 0 6 0	2 3 1	4 6 7	2	
09	8 7 1	3 0 8	4 2 7	1	1 8	9 4 1	2 7 8	4 7 4	2	0 9	9 7 1	2 6 4	5 4 7	1	0 7	7 8 9	3 4 7	4 8 0	1
10	9 5 7	2 5 9	4 3 8	1	1 9				1 0	8 3 8	3 1 4	5 5 6	1	0 8	7 1 7	3 6 5	5 2 4	1	
11	9 1 3	2 8 7	5 0 8	1	2 0	8 5 2	3 1 2	5 1 4	1	1 1	7 8 9	3 3 4	4 4 6	1	1 0	7 8 0	3 3 7	5 0 7	
12	7 8 1	3 4 0	4 9 9	1	2 1	1 0 5 6	2 4 0	5 6 8	1	1 2	8 2 0	3 3 0	4 9 2	1	1 1	7 6 3	3 4 5	5 0 0	1
13	8 6 9	3 0 0	5 1 8	1	2 2	8 8 0	3 0 0	4 5 9	1	1 3	1 1 1 2	2 1 6	6 3 5	1	1 2	1 2 9 4	1 6 6	6 6 0	
15	1 1 1 4	2 2 0	5 8 9	1	2 3	1 1 2 0	2 1 9	5 1 6	1	1 4	1 0 2 2	2 4 7	5 9 6	1	1 3	9 0 0	2 8 8	5 2 4	
17	1 1 2 8	2 1 6	5 6 5	1	2 5	1 1 0 0	2 2 9	5 6 6	1	1 5	9 3 0	2 8 0	4 9 5	1	1 4	8 6 9	3 0 0	5 3 3	
20	1 0 1 0	2 5 2	5 2 2	1	2 6	1 0 7 0	2 3 4	5 7 2	1	1 6	8 8 0	2 9 2	5 5 0	1	1 5	8 4 1	3 1 5	4 9 5	
21	9 4 6	2 7 7	4 7 8	1	2 7	8 8 7	3 0 0	5 1 6	1	1 7	9 7 2	2 5 5	5 6 4	1	1 7	7 5 1	3 5 2	4 6 0	
22	8 5 2	3 1 0	4 9 4	1	2 8				1 8	9 6 0	2 6 5	5 5 2	1	1 8	1 0 9 0	2 1 7	5 8 2		
23	9 3 9	2 7 4	5 3 4	1					1 9	1 0 0 4	2 5 0	5 6 3	1	2 0	9 7 1	2 6 2	5 8 8		
24	7 7 4	3 4 9	4 1 1	1					2 0	7 8 9	3 3 6	4 6 9	1	2 1	1 0 0 1	2 5 0	6 2 8		
25	7 8 7	3 4 4	4 4 5	1					2 1	9 4 6	2 6 7	5 3 2	1	2 2	1 1 3 9	2 0 7	6 5 4		
									2 2	1 2 3 8	1 8 1	6 2 0	1	2 3	1 1 4 3	2 1 0	5 9 4		
									2 3	1 1 4 5	2 1 2	6 0 8	1	2 4	1 0 2 1	2 4 6	5 2 0		
									2 4	9 8 9	2 6 1	5 3 8	1	2 5	9 4 0	2 7 5	5 3 1		
									2 6	1 1 0 1	2 2 2	6 2 2	1	2 7	1 0 0 9	2 4 8	6 2 2	2	
									2 7	1 0 4 4	2 4 1	5 7 2	1	2 8	1 0 9 3	2 1 7	6 2 2	1	
									2 8	8 0 0	3 2 5	4 7 7	1	2 9	1 1 1 4	2 1 1	6 2 2	1	
									2 9	8 9 4	2 8 6	5 0 1	1	3 0	1 0 4 9	2 3 6	6 0 2	1	
									3 1	1 0 7 2	1 6 8	4 4 1	1						
MAY				JUNE				JULY				AUGUST							
DAY	HHHH	PPP	TTT	DAY	HHHH	PPP	TTT	DAY	HHHH	PPP	TTT	DAY	HHHH	PPP	TTT				
			TYPE				TYPE				TYPE				TYPE				
01	1 0 8 6	2 2 4	6 4 9	1	0 1	8 4 8	3 0 0	5 4 8	1	0 2	8 9 6	2 7 8	6 3 3	1	0 1	8 8 4	2 8 3	4 9 7	2
02	7 8 7	4 7 5	1	0 2	8 0 9	3 1 2	5 1 2	2	0 3	1 1 1 1	2 1 6	7 1 0	1	0 2	7 9 4	3 2 3	5 2 2	1	
04	8 1 0	3 2 0	5 4 4	1	0 3	8 0 9	3 1 2	5 1 2	2	0 3	1 0 9 4	2 1 6	7 1 0	1	0 3	1 1 0 2	2 1 0	6 8 4	
05	9 7 4	2 5 9	5 6 6	1	0 4	9 6 7	3 6 5	5 3 1	1	0 4	1 1 4 9	2 0 0	7 3 0	1	0 5	1 0 9 9	2 0 8	6 7 1	
08	8 7 6	3 6 0	5 6 2	1	0 5	9 3 4	2 5 0	5 5 6	1	0 5	6 2 9	3 0 8	5 6 5	1	0 6	8 3 7	3 0 0	5 4 1	
09	7 7 7	3 4 2	5 1 5	1	0 6	7 6 3	3 3 6	5 1 7	1	0 6	1 2 8 7	2 4 1	6 3 9	1	0 8	9 4 3	2 7 0	5 6 5	1
10	9 6 0	2 6 4	5 6 0	1	0 7	8 0 0	3 1 2	5 1 7	1	0 8	9 9 4	2 5 2	5 7 6	2	1 0	6 8 5	3 8 0	5 3 1	2
11	9 5 9	2 6 5	6 0 7	1	0 8	9 9 5	2 5 2	5 9 7	1	0 9	9 9 4	2 5 0	5 7 6	2	1 1	7 5 5	3 5 0	5 6 0	1
12	8 8 8	2 9 0	5 2 3	1	0 9	9 0 4	2 5 4	5 6 0	1	1 0	8 0 6	3 1 5	5 8 2	1	1 2	9 9 8	2 3 5	6 8 8	1
14	6 7 4	3 9 0	5 2 1	1	1 0	7 4 0	3 5 0	5 6 0	1	1 2	9 9 0	2 3 3	6 2 7	1	1 3	9 7 3	2 4 0	6 1 5	
15					1 1	8 2 7	3 0 8	5 5 7	1	1 3	9 1 4	2 2 4	6 1 4	1	1 4	9 2 1	2 6 3	6 4 5	
16					1 4	7 8 7	3 2 4	5 0 9	1	1 4	9 1 0	2 1 5	6 4 0	1	1 7	8 3 3	3 1 3	5 9 5	
17					1 5	7 6 3	3 3 5	5 4 9	1	1 5	1 0 1 4	2 4 6	6 2 6	1	1 8	8 2 5	3 1 9	5 6 4	
18					1 6	9 4 4	2 7 2	6 0 8	1	1 6	1 0 1 4	2 4 6	6 2 6	1	1 9	9 7 2	2 5 9	5 9 8	
19	9 8 7	2 5 0	5 3 6	1	1 7	7 4 6	3 4 5	5 5 0	1	1 7	9 3 3	2 7 2	6 0 5	1	2 1	8 3 0	3 0 9	5 2 4	2
20					1 8	7 2 6	3 5 0	5 1 7	1	1 8	8 6 3	2 7 9	6 4 0	1	2 2	9 7 1	2 5 5	5 9 7	
21	9 1 4	2 7 4	4 9 0	1	1 9	9 6 7	2 4 7	6 8 0	1	1 9	9 3 3	2 7 2	6 0 5	1	2 3	1 0 0 4	2 4 5	5 8 2	
22	9 4 9	2 6 5	5 6 1	1	2 0	7 2 6	3 4 5	5 5 0	1	2 0	8 6 3	2 7 9	6 4 0	1	2 4	7 9 5	3 2 1	5 2 4	2
23	9 7 7	2 5 8	5 5 7	1	2 1	9 6 7	2 4 7	6 8 0	1	2 1	9 7 6	2 4 3	6 3 4	1	2 5	9 1 4	2 6 0	5 5 6	1
24	9 5 8	2 6 8	5 4 5	2	2 2	9 3 1	2 6 5	5 6 0	1	2 2	9 0 4	2 6 8	5 6 3	2	2 6	1 0 0 2	2 3 2	5 9 0	
25	1 0 0 2	2 5 0	6 0 3	1	2 3	9 1 1	2 7 5	6 2 6	1	2 3	6 4 9	2 0 0	5 0 9	2	2 8	1 1 6 4	1 9 0	7 2 2	
26	1 0 9 3	2 1 8	6 7 3	1	2 4	9 4 1	2 5 9	6 0 9	1	2 4	6 8 5	2 0 0	5 0 9	2	2 9	1 0 9 0	2 1 1	6 7 6	
27	9 1 9	2 7 6	5 6 9	1	2 5	9 0 4	2 7 3	5 6 1	1	2 5	7 3 7	3 4 1	5 2 2	1	3 0	1 0 6 5	2 2 0	6 6 0	
28	8 9 9	2 8 2	5 6 8	1	2 6	7 3 9	3 4 8	5 8 3	1	2 6	6 8 8	3 8 8	4 8 5	1	3 1	9 9 1	2 4 2	6 5 4	
29	8 5 5	3 0 0	5 6 2	1	2 7	9 1 1	2 6 9	5 8 9	1	2 7	7 3 7	3 4 1	5 2 2	1					
30	8 4 9	3 0 0	5 5 2	1	2 8	9 1 0	2 6 8	6 4 0	1	2 8	9 2 6	2 5 7	5 8 8	1					
31	9 4 4	2 6 9	5 6 6	2	2 9	1 1 2 2	2 0 0	7 2 8	1	2 9	8 3 1	3 0 6	5 6 0	1					
					3 0	9 7 6	2 5 0	6 5 7	1										
SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER							
DAY	HHHH	PPP	TTT	DAY	HHHH	PPP	TTT	DAY	HHHH	PPP	TTT	DAY	HHHH	PPP	TTT				
			TYPE				TYPE				TYPE				TYPE				
01	9 0 0	2 7 3	6 3 3	1	0 1	9 3 7	2 6 6	5 5 9	1	0 2	8 5 7	3 0 0	5 2 2	1	0 1	1 0 4 9	2 4 0	5 5 9	1
02	1 0 0 2	2 3 4	5 6 6	1	0 2	8 0 8	3 0 8	5 5 0	2	0 3	1 2 4 4	1 7 7	7 1 1	1	0 2	1 2 1 3	1 9 0	5 6 6	1
03	8 7 0	2 8 5	6 1 8	1	0 3	9 9 8	2 4 0	5 9 7	1	0 5	1 2 4 4	1 7 7	7 1 1	1	0 3	1 2 4 9	1 8 2	6 3 2	1
04</td																			

**RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF JANUARY 1950**

DAY	SURFACE			1000 MBS		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW											
02	002	008	1064	002	089	0059	057	135	0018	034	184	5027	025	288	5087	018	406	137	019		
03	977	007	0067	519	068	0046	060	114	0012	048	162	5027	036	268	5075	031	385	178			
04	975	007	0067	522	064	0040	058	111	0026	054	160	0001	048	266	5054	037					
13	019	005	0049	015	101	0018	034	147	5008	028	195	5023	023	301	5047	419	129	016			
15	001	005	0048	001	087	5016	033	132	5026	026	180	5065	024	283	5126	399	198				
16	008	007	0058	007	093	0006	040	139	5023	037	187	5042	035	291	5080	017	409	158	010		
17	006	008	0061	006	092	0042	048	138	0002	059	187	5029	034	292	5042	010	411	121			
18	995	006	0050	503	082	0010	043	128	5004	031	176	5045	016	280	5094	012	397	169	008		
20	979	008	0067	517	070	0058	053	117	0052	066	166	0038	063	275	0049	015	398	050			
21	008	007	0056	007	093	0000	029	138	5027	023	186	5055	010	289	5141	005	405	201			
22	002	007	0052	002	088	0001	044	135	5051	037	181	5052	026	286	5083	028	404	130	024		
23	991	007	0066	507	080	0052	059	126	0026	055	175	0000	043	282	5049	027	401	108	028		
24	994	007	0064	504	081	0017	048	127	5019	040	175	5039	037	280	5075	031	399	129	025		
25	997	007	0064	502	085	0069	069	131	0056	068	181	0030	060	289	5007	052	411	071	024		
26	000	007	0066	001	088	0073	072	135	0052	062	184	0008	051	291	5027	040	411	105	018		
27	000	008	0069	001	087	0020	049	133	0017	050	182	0007	049	288	5062	034	407	130	009		
28	006	006	0053	005	091	0050	043	137	0012	039	186	0007	010	293	5019	413	132	012			
29	998	007	0065	501	086	0071	056	133	0073	049	182	0060	020	291	0034	036	413	064	019		
30	987	007	0062	510	076	0027	046	122	0000	041	171	5032	034	275	5080	028	393	167	015		
31	992	007	0053	506	079	0002	039	125	5025	037	173	5049	030	277	5086	007	396	145	010		
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	
02	543	201	11	705	326	06	901	505	159	571	343	512	608	497							
03	519	274	676	395	469		869	465	173	577	357	533	617	548							
13	557	204	10	718	327	03	915	465	173	577	357	533	617	548							
15	531	266	692	317	05		888	463	154	465	344	501	609	515	753	516	940	503			
16	543	278	08	700	383	03	891	540	149	504	337	503	603	488	750	462					
17	549	215	08	710	315	04	906	491													
18	530	275	04																		
20	538	171		701	293		900	437	168	477	355	543	613	536	757	536	943	507			
21	539	263		699	291		896	487	161	470	350	479	619	472							
22	541	212	15	704	325	06															
23	539	188	18	700	343	05	894	518	159	475	349	471	617	477							
24	536	194	17	699	300	08	896	468	158	505	346	492	611	508	756	501	945	497			
25	551	173	09	714	299		911	471	171	540	356	510	621	495							
26	549	190	10	711	324		906	510													
27	543	220	08	703	351	04	897	520	158	488	346	505	609	501	755	500	944	487			
28	550	214	09	711	318	03	910	426	174	505	362	499	623	524	769	501	957	497			
29	555	153	14	718	275	07	919	420	182	617	363	552	622	533	767	497					
30	528	236	08	686	390	03	876	551	138	478											
31	552	213	12	693	336		889	484													

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF FEBRUARY 1950

DAY	SURFACE			1000 MBs		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WWW	HHH.	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	
01	9 9 0	0 0 7	2 0 6 4	5 0 8	0 7 8	0 0 1 7	0 4 8	1 2 4	5 0 0 6	0 4 3	1 7 2	5 0 3 2	0 5 8	2 7 6	5 1 0 4	0 2 5				
02	9 9 6	0 0 4	6 0 3 8	5 0 3	0 8 2	5 0 2 5	0 2 7	1 2 7	5 0 7 0	0 2 2	1 7 4	5 0 9 4	0 2 0	2 7 6	5 1 6 3	0 1 0	3 9 0	2 5 2	0 0 4	
03	9 8 2	0 0 6	1 0 5 0	5 1 4	0 7 2	5 0 0 7	0 3 4	1 1 7	5 0 5 1	0 2 8	1 6 5	5 0 6 1	0 2 2	2 6 9	5 1 1 3	0 1 0	3 8 5	1 9 0	0 0 6	
04	9 8 2	0 0 5	7 0 4 5	5 1 4	0 7 1	5 0 1 3	0 3 1	1 1 7	5 0 3 1	0 2 8	1 6 4	5 0 5 6	0 2 0	2 6 7	5 1 3 7	0 1 7	3 9 3	2 0 2	0 0 7	
05	9 9 8	0 0 4	6 0 3 7	5 0 1	0 8 4	5 0 4	0 2 5	1 2 9	5 0 7 2	0 1 9	1 7 6	5 1 0 4	0 1 7	2 7 7	5 1 6 5	0 0 6	3 9 2	2 2 8	0 0 6	
06	9 8 5	0 0 5	9 0 5 4	5 1 2	0 7 4	5 0 0 1	0 3 8	1 1 9	5 0 3 7	0 3 5	1 6 7	5 0 6 4	0 3 0	2 7 1	5 1 0 3	0 2 6	3 8 7	2 0 0	0 1 2	
07	9 9 3	0 0 2	7 0 4 4	5 0 5	0 7 9	5 0 3 9	0 3 2	1 2 4	5 0 6 0	0 2 9	1 7 1	5 0 8 7	0 2 4	2 7 4	5 1 5 3	0 1 6	3 8 8	2 5 4	0 0 8	
08	0 0 2	0 0 4	9 0 4 1	0 1 0	0 9 5	5 0 3 8	0 2 5	1 4 0	5 0 7 5	0 2 1	1 8 7	5 0 6 5		2 9 1	5 0 9 5	0 0 7	4 0 1	1 7 2	0 1 0	
09	0 0 7	0 0 7	3 0 6 1	0 0 6	0 9 2	0 0 2 9	0 5 1	1 3 8	0 0 1 1	0 4 7	1 8 7	5 0 1 0	0 4 1	2 9 3	5 0 7 0	0 2 6	4 1 1	1 5 0	0 1 0	
10	9 9 4	0 0 6	5 0 4 9	5 0 4	0 8 1	5 0 1 1	0 3 5	1 2 6	5 0 2 6	0 3 5	1 7 5	5 0 3 7	0 2 2	2 7 9	5 1 0 0	0 1 0	3 9 6	2 0 0	0 0 8	
11	0 0 1	0 0 6	7 0 4 7	0 0 1	0 8 7	5 0 1 8	0 3 2	1 3 2	5 0 4 5	0 2 9	1 7 9	5 0 8 4	0 1 5	2 8 1	5 1 8 3	0 1 3	3 9 5	2 6	0 0 5	
12	9 9 0	0 0 6	5 0 5 8	5 0 7	0 7 6	5 0 0 2	0 4 5	1 2 3	5 0 2 3	0 3 9	1 7 1	5 0 2 7	0 3 6	2 7 5	5 1 1 2	0 1 9	3 9 2	1 8	3 0 0	
13	9 9 0	0 0 5	1 0 4 6	5 0 8	0 7 8	5 0 0 7	0 5 4	1 2 3	5 0 3 9	0 3 0	1 7 1	5 0 7 4	0 2 5	2 7 3	5 1 3 3	0 1 7	3 8 9	2 0	8 0 0	
14	0 0 3	0 0 3	9 0 4 0	0 0 5	0 8 8	5 0 1 3	0 3 6	1 3 3	5 0 5 8	0 3 4	1 8 1	5 0 5 3	0 3 3	2 8 5	5 0 7 8	0 2 3	4 0 4	1 4	9 0 0	
15	0 0 2	0 0 7	2 0 5 7	0 0 2	0 8 8	0 0 1 0	0 4 2	1 3 3	5 0 1 7	0 3 6	1 8 1	5 0 5 8	0 2 8	2 8 6	5 0 7 1		4 0 5	1 5	4 0 0	
16	9 9 2	0 0 6	0 0 4 8	0 0 5	0 7 9	0 0 0 8	0 3 7	1 2 5	5 0 2 8	0 3 3	1 7 3	5 0 5 5	0 2 5	2 7 6	5 1 3 8	0 1 1	3 9 1	2 3	6 0 0	
17	0 1 5	0 0 2	9 0 3 4	0 1 3	0 9 7	5 0 2 9	0 3 5	1 4 1	5 0 5 4	0 2 4	1 8 9	5 0 7 3	0 1 9	2 9 2	5 1 0 6	0 1 6	4 1 1	1 4	1 0 1	
18	0 1 3	0 0 4	9 0 4 3	0 1 1	0 9 6	0 0 0 5	0 2 2	1 4 2	0 0 3 6	1 9 1	0 0 1 5		2 9 7	5 0 5 1	0 1 0	4 1 6	1 3 5			
19	9 9 7	0 0 6	8 0 6 1	5 0 2	0 8 2	0 0 1 4	0 4 6	1 2 8	5 0 0 4	0 4 4	1 7 7	5 0 0 5	0 4 4	2 8 3	5 0 4 7	0 3 3	4 0 4	0 8 6	0 3 1	
20	9 9 3	0 0 6	7 0 5 9	5 0 5	0 8 0	0 0 0 5	0 4 5	1 2 6	5 0 2 8	0 3 8	1 7 4	5 0 1 9	0 4 2	2 7 9	5 0 7 4	0 2 7	3 9 9	1 2	8 0 0	
21	9 9 0	0 0 6	1 0 5 8	5 0 8	0 7 8	5 0 0 2	0 4 1	1 2 3	5 0 3 5	0 3 4	1 7 1	5 0 6 5	0 2 6	2 7 4	5 1 3 1	0 1 7	3 9 0	2 0	7 0 0	
22	9 8 5	0 0 6	5 0 5 4	5 1 2	0 7 4	0 0 0 7	0 4 2	1 2 0	5 0 3 2	0 3 5	1 6 8	5 0 6 3	0 2 4	2 7 1	5 1 3 9	0 0 6	3 8 6	2 3	4 0 0	
23	9 9 9	0 0 3	5 0 5 0	5 2 2	0 0 0	0 8 4	5 0 3 4	0 2 8	1 2 9	5 0 5 7	0 2 2	1 7 6	5 1 0 0	0 1 2	2 7 8	5 1 3 9	0 0 5	3 9 4	1 8	4 0 0
24	9 8 7	0 0 6	5 0 5 3	5 1 0	0 7 6	0 0 3 1	0 4 7	1 2 2	5 0 0 1	0 4 4	1 7 1	5 0 0 1	0 1 5	2 7 6	5 0 7 2	0 1 1	3 9 4	1 4	5 0 0	
25	9 9 0	0 0 7	2 0 6 2	5 0 8	0 7 9	0 0 5 8	0 6 1	1 2 5	5 0 3 9	0 5 5	1 7 4	5 0 0 0	0 3 6	2 8 1	5 0 3 9	0 3 8	4 0 1	0 9	9 0 2	
26	9 8 9	0 0 6	4 0 5 6	5 0 8	0 7 7	0 0 1 0	0 2 7	1 2 3	5 0 2 8	0 2 2	1 7 0	5 0 5 3	0 1 1	2 7 5	5 0 8 4	0 0 7	3 9 3	1 4	5 0 0	
27	9 9 6	0 0 4	6 0 4 8	5 0 3	0 8 2	5 0 2 4	0 2 7	1 2 7	5 0 5 6	0 2 8	1 7 4	5 0 8 7	0 2 4	2 7 7	5 1 1 8	0 0 6	3 9 3	2 0	5 0 0	
28	9 9 1	0 0 5	8 0 4 9	5 0 7	0 7 8	5 0 1 5	0 3 3	1 2 4	5 0 4 4	0 2 9	1 7 1	5 0 7 8	0 1 3	2 7 3	5 1 6 3	0 0 9	3 9 8	2 5	5 0 0	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW
02	5 2 0	3 4 3	0 4	6 7 2	4 5 7	0 6	8 6 5	4 2 6	1 4 0	4 1 7	3 3 4	4 3 8												
03	5 1 9	2 3 9	0 7	6 8 0	3 2 2	0 6	8 7 7	4 5 4	8 6 0	4 4 7	1 3 3	4 3 6												
04	5 1 5	3 2 7	0 3	6 6 9	4 5 6		8 6 8	5 1 1	8 7 1	4 0 2	1 3 8	4 5 9	3 2 9	4 6 3	5 9 7	4 8 4	7 4 3	4 9 9	9 3 2	4 9 9				
05	5 2 3	2 9 5	0 4	6 7 9	4 1 4		8 6 8	5 1 1	8 6 6	3 9 0	1 4 6	3 6 8	3 4 4	3 8 6										
06	5 2 0	2 8 0	0 6	6 7 7	3 7 0	0 2	8 7 1	5 0 8	1 3 8	4 5 9	3 2 9	4 6 3	5 9 7	4 8 4	7 4 3	5 1 1	5 1 1	5 1 1	5 1 1	5 1 1	5 1 1	5 1 1	5 1 1	
07	5 1 8	3 5 3	0 3	6 7 1	4 2 7		8 6 6	3 9 0	1 3 9	5 0 7	3 3 5	4 0 5	4 8 6	5 0 9	5 9 9	5 2 3								
08	5 4 3	2 4 1	0 4	7 0 2	3 6 6	0 2	8 9 4	5 3 0	1 5 0	5 2 7	3 3 6	5 0 9	5 9 9	5 2 3										
09	5 4 7	2 4 0		7 0 6	3 7 3		8 9 8	5 1 8	1 5 0	5 7 5	3 3 5	5 2 3	5 9 7	5 1 1										
10	5 2 9	2 7 3	0 3	6 8 6	3 7 6	0 2	8 6 9	5 1 7	1 3 8	4 4 5	3 2 9	4 6 7	5 9 7	4 8 8										
11	5 2 4	3 3 9	0 3	6 7 9	4 1 1		8 6 9	5 1 7	1 3 8	4 4 5	3 2 9	4 6 7	5 9 7	4 8 8										
12	5 2 6	2 6 0	0 3	6 8 3	3 8 6	0 2	8 7 5	5 1 7	1 3 8	4 8 5	3 2 7	4 9 5												
13	5 2 1	3 1 4	0 4	6 7 6	4 0 2		8 7 0	4 4 2	1 4 3	4 4 4	3 3 5	4 5 3	6 0 5	4 7 3	7 5 3	4 7 0	9 4 4	4 6 6						
14	5 3 9	2 2 7	0 3	6 9 9	3 5 3	0 3	8 9 3	4 8 6	1 5 6	4 9 7	3 4 4	5 0 1	6 0 9	4 9 2	7 5 6	4 9 7								
15	5 4 0	2 4 9	0 4	6 9 8	3 7 8		8 9 0	5 1 7	1 4 9	5 3 0	3 3 5	5 0 9	5 9 9	5 0 9										
16	5 2 2	3 4 3	0 4	6 7 6	3 9 8		8 7 0	4 2 7	1 4 4	4 3 9	3 3 6	4 5 7	6 0 6	4 6 5	7 5 4	4 8 0	9 4 5	4 4 5						
17	5 4 7	2 2 2	1 2	7 0 7	3 4 7	0 4	9 0 2	5 0 3	1 5 9	5 5 2	3 4 4	5 1 5	6 0 6	5 1 5	7 5 1	5 1 5								
18	5 5 2	2 1 9		7 1 3	3 2 3	0 3	9 0 9	4 7 6	1 6 7	5 7 8	3 5 0	5 4 9	6 0 9	5 5 8	7 5 0	5 5 3								
19	5 4 3	1 7 3	1 9	7 0 6	3 1 1	0 3	9 0 4	4 5 4	1 6 7	5 0 4	3 5 1	5 6 4	6 0 7	5 7 7			</							

**RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF MARCH 1950**

DAY	SURFACE			1000 MBARS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS								
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW																	
05	9 9 3	0 0 6	8 0 5	5 0 5	0 8 1	0 0 4	4 4	1 2 7	0 0 0	9	0 3 1	1 7 6	5 0 1	6	0 2 2	2 8 0	5 0 8	9	0 0 9	3 9 7	1 9 5	0 0 4					
06	0 0 5	0 0 6	7 0 5	5 9 9	0 0 5	0 9 1	0 0 5	0 5 8	1 3 6	5 0 2	9 0 3	1 8 4	5 0 5	5	0 2 6	2 8 7	5 1 3	9	0 1 0	4 0 3	2 1 0						
07	0 0 9	0 0 5	4 0 3	0 0 8	0 9 3	5 0 3	0	0 2 8	1 3 8	5 0 6	6	0 1 9	1 8 5	5 0 9	8	0 1 4	2 8 6	5 1 6	5	0 1 0	4 0 0	2 5 3	0 0 4				
09	9 9 7	0 0 5	6 0 4	4 8	5 0 2	0 8 3	5 0 2	0 3 1	1 2 9	5 0 4	2	0 3 0	1 7 6	5 0 7	0	0 2 6	2 8 0	5 0 9	7	0 1 7	3 9 7	1 8 6	0 0 7				
10	0 0 1	0 0 3	3 0 3	3 7	0 0 1	0 8 6	5 0 3	6	0 2 8	1 3 1	5 0 5	6	0 2 1	1 7 8	5 0 9	5	0 1 9	2 7 9	5 1 5	1	0 0 6	3 9 4	2 2 6	0 0 3			
11	0 1 7	0 0 5	8 0 0	3 4	0 1 4	0 9 9	5 0 5	2	0 2 5	1 4 3	5 0 8	6	0 2 2	1 9 0	5 1 1	4	0 1 8	2 9 1	5 1 6	9	0 0 5	4 0 5	2 3 0	0 0 4			
14	9 8 8	0 0 7	3 0 6	0	5 1 0	0 7 7	0 0 2	0 4 3	1 2 3	5 0 0	5	0 0 5	0 4 3	1 7 1	5 0 2	5	0 4 0	2 7 7	5 0 3	1	0 4 3	3 9 7	1 0 8	0 2 8			
15	9 6 0	0 0 6	6 0 0	5 8	5 3 3	0 5 5	0 0 2	2	0 4 3	0 9 9	5 0 1	6	0 3 7	1 4 7	5 0 4	5	0 3 3	2 5 1	5 1 1	7	0 2 2	3 5 7	1 9 0	0 1 4			
16	9 8 3	0 0 3	0 0 4	0	5 1 4	0 7 1	5 0 2	1	0 3 7	1 1 7	5 0 4	3	0 3 3	1 6 4	5 0 6	0	0 3 1	2 6 8	5 1 0	4	0 2 5	3 8 6	1 5 0	0 1 7			
17	9 9 6	0 0 3	8 0 4	4 2	5 0 3	0 8 2	5 0 3	2	0 2 7	1 2 7	5 0 5	9	0 2 3	1 7 4	5 0 9	2	0 2 1	2 7 6	5 1 7	4	0 0 8	3 8 9	2 8 5	0 0 4			
18	9 9 5	0 0 5	9 0 5	5 3	5 0 3	0 8 2	5 0 2	0	0 0 9	5 0 0	9	0 3 6	1 2 7	5 0 3	5	0 3 3	1 7 5	5 0 6	0	0 2 9	2 7 8	5 1 2	7	0 1 9	3 9 4	2 1 4	0 0 5
19	0 1 4	0 0 6	0 0 5	5 8	0 1 2	0 9 7	0	0 3 5	0 5 5	1 4 4	0	0 2 1	0 5 3	1 9 3	5 0 0	7	0 4 6	2 9 7	5 0 5	2	0 3 6	4 1 8	1 2 9	0 1 4			
20	0 1 1	0 0 5	4 0 5	5 6	0 0 9	0 9 4	5 0 1	2	0 3 9	1 4 0	5 0 2	5	0 2 5	0 3 9	1 8 8	5 0 7	8	0 2 7	2 9 3	5 0 8	2	0 2 4	4 1 1	1 4 8	0 1 7		
21	0 0 8	0 0 5	9 0 5	5 5	0 0 7	0 9 2	5 0 6	0	0 0 8	1 3 9	5 0 4	1	0 4 1	0 4 7	1 8 8	0 0 0	7	0 4 1	2 9 4	5 0 5	2	0 2 7	4 1 3	1 1 9	0 0 9		
24	0 2 0	0 0 5	9 0 4	6	0 1 7	1 0 2	5 0 2	4	0 3 2	1 4 8	5 0 4	6	0 1 9	1 9 7	0 0 1	0	0 1 0	3 0 2	5 0 7	7	0 2 2	4 2 1	1 2 2				
26	0 1 2	0 0 4	4 0 4	6	0 1 0	0 9 5	5 0 1	7	0 0 8	1 4 0	5 0 3	0	0 0 7	1 8 9	5 0 2	3	0 0 8	2 9 3	5 0 7	4	0 0 7	4 1 2	1 4 3	0 0 6			
27	0 0 6	0 0 6	0 0 5	5 6	0 0 5	0 9 1	0 0 5	5	0 3 9	1 3 8	5 0 5	5	0 5 5	0 4 3	1 8 7	0 0 3	0	0 3 6	2 9 4	5 0 4	1	0 3 0	4 1 3	1 2 7	0 1 0		
28	0 1 4	0 0 5	8 0 5	5 5	0 1 2	0 9 3	0 0 1	9	0 3 4	1 4 3	5 0 0	6	0 0 9	1 9 1	5 0 3	6	0 2 9	5 1 1	6	0 1 6	4 1 2	1 6 9	0 0 5				
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS					
	HHH	TTT	WW	HHH	TTT	WW																					
05	5 2 9	3 0 9		6 8 5	4 1 1		8 7 6	4 8 0	1 4 2	5 0 3																	
06	5 3 5	3 1 7		6 8 7	2 4 3		8 7 4	5 3 4	1 3 7	5 1 4	3 2 5	4 9 3	5 8 9	4 9 2	7 3 5	5 0 2											
07	5 3 0	3 6 7	0 2	6 7 9	4 7 2		8 6 9	4 6 7	1 3 9	4 7 4	3 2 8	4 9 8	5 9 3	5 1 3													
09	5 3 1	2 8 4	0 5	6 8 6	4 2 0		8 7 5	5 1 1	1 4 3	4 7 0	3 3 4	4 7 9	5 9 8	5 1 1													
10	5 2 5	3 1 3	0 2	6 8 0	4 3 3		8 6 8	5 4 3	1 3 3	4 6 8																	
11	5 3 7	3 0 5	0 2	6 9 3	4 0 7																						
14	5 3 5	1 8 5	1 8	6 9 7	3 1 1	0 7	8 9 4	4 8 7	1 5 7	4 8 3	3 4 7	5 0 7	6 1 3	4 8 2	7 6 0	4 8 4											
15	5 0 0	3 0 0	0 3	6 5 6	3 7 7	0 2																					
16	5 2 1	2 4 0	1 1	6 8 0	3 6 4	0 4	8 7 5	4 8 0	1 4 3	4 8 0																	
17	5 1 7	3 6 9	0 3	6 6 9	4 6 2		8 6 1	4 3 7	1 3 3	4 5 3	3 2 4	4 7 0															
18	5 2 6	3 0 5	0 4	6 8 1	4 1 1																						
19	5 5 5	2 2 0	0 6	7 1 4	3 4 8	0 2	9 1 0	4 7 0	1 6 7	6 1 3	3 4 7	5 7 0	6 0 1	5 8 5	7 4 2	5 7 5	9 2 4	5 6 5									
20	5 4 7	2 1 5	1 1	7 0 8	3 3 0	0 4	9 0 2	4 9 8	1 6 0	5 6 5	3 4 2	5 6 8															
21	5 5 1	2 0 3	0 5	7 1 2	3 2 3	0 2	9 0 9	4 8 1																			
24	5 5 8	2 0 0		7 1 9	3 4 1		9 1 4	4 9 1	1 7 2	6 0 0	3 5 1	5 7 2															
26	5 4 7	2 5 8	0 3	7 0 5	3 5 5	0 5	8 9 9	5 0 2	1 5 8	5 3 8	3 4 3	5 3 4	6 0 2	5 5 2	7 4 4	5 5 5	9 2 8	5 5 4									
27	5 5 2	1 8 9	0 9	7 1 4	3 1 2	0 3	9 1 1	4 5 7																			
28	5 4 8	2 2 2	1 0	7 1 0	2 9 6	0 5	9 1 1	4 1 6	1 7 7	5 6 6	3 5 2	5 7 6	6 1 7	5 3 8	7 6 0	5 4 5	9 4 4	5 5 2									

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF APRIL 1950

DAY	SURFACE			1000 MBs		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW												
01	003	004	042	003	088	5024	028	135	5059	024	180	5089	020	283	512H	009	400	170	007			
03	005	003	046	005	089	5019	035	135	5051	028	182	5086	021	284	5147	015	590	190	010			
04	983	001	0030	515	070	5057	119	115	5096	015	161	5139	013	262	5169	376	430	5005				
05	013	5005	021	011	094	5084	018	138	5117	019	184	5148	015	284	5195	003	398	239	008			
06	018	005	0050	015	100	006	43	146	004	041	195	0006	011	301	5032	015	421	104	010			
07	021	005	0052	018	103	5007	038	149	0045	033	198	0020	032	304	5024	012	424	121	011			
08	004	005	0055	004	089	0018	046	135	5007	041	184	5017	032	288	5085	026	406	172	012			
09	986	006	0058	511	075	0020	046	121	5009	042	169	5040	036	275	5102	025	390	183	004			
10	976	004	0059	519	066	5024	025	111	5047	027	158	5070	021	261	5134	011	377	209	004			
12	008	003	0039	007	091	5045	024	137	5016	011	185	5025	017	291	5061	027	411	131	020			
13	999	004	0047	501	085	0006	39	131	5017	036	179	5039	032	285	5091	024	401	161	015			
14	997	005	0052	502	084	0017	46	130	0020	048	179	0000	046	284	5066	020	404	134	015			
15	992	003	0040	505	078	5033	025	123	5060	021	171	5097	018	275	5112	012	391	158	005			
16	992	003	0042	504	079	5004	31	124	5026	029	172	5028	030	277	5080	023	396	141	020			
17	986	005	0040	511	075	0015	045	121	5013	046	169	5033	036	273	5095	025	392	132	017			
18	003	0031	0035	003	087	5048	025	132	5033	031	180	5049	023	285	5062	0404	113					
19	013	004	0040	506	011	097	0056	015	144	0056	193	0015		299	5066	016	418	145	010			
20	021	001	0030	017	101	002	40	147	5017	035	195	5048	026	299	5106	020	417	168	013			
21	008	006	0055	505	007	093	0026	048	140	0003	045	184	5016	041	294	5072	030	413	152	017		
22	019	002	0060	34	016	099	5048	027	144	5088	021	191	5115	017	292	5179	009	406	232	005		
23	024	000	0040	26	020	103	5025	023	149	0002	012	197	5005	013	303	5060	421	147	007			
24	012	005	0060	55	010	096	0009	45	142	5020	033	190	5025	022	295	5072	414	117	014			
25	013	002	0030	37	011	096	0020	034	141	0050	014	191	0022		298	5035	417	123				
26	006	003	0039	005	090	5010	021	36	5044	014	183	5065	013	287	5119	019	403	214	008			
27	018	004	0040	67	015	100	5023	035	145	5036	011	193	5053		298	5040	014	416	146	003		
28	015	006	0080	61	013	099	0042	58	145	0019	051	194	5010	044	300	5065	032	414	104	003		
29	021	005	0020	54	017	103	0029	046	150	0040	014	199	0025	012	305	5046	014	426	094			
30	001	005	0040	44	001	087	0020	042	133	0015	045	182	5005	042	287	5072	029	406	144	015		
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	535	264	08	692	398	03	882	560	141	515	329	517	589	527	733	542						
03	532	281	05	689	419		877	577														
04	507	334	03	660	455																	
05	529	296	04	686	392	02	875	534														
06	559	221	07	719	344	05																
07	564	214	05	724	343	03	919	492	173	661	348	620	600	611	738	610	917	605				
08	541	262	03	699	358	03	892	520	146	594	327	596										
09	523	277	08	679	428		870	521														
10	509	314	03	663	453		857	405	133	414	337	440	605	508								
12	550	217	11	711	342	04	907	456	172	446	361	532	620	552	762	549						
13	536	245	07	694	374	03	866	517	148	474	337	491										
14	539	219	08	700	346	04	894	506	150	551	335	519										
15	526	242	02	687	301	02	884	474	149	470												
16	532	236	05	691	346		887	460	151	515												
17	531	224	05	691	335		887	489	151	486	339	517	600	544								
18	541	227		699	365		893	504	151	555	337	504	600	516	745	501	937	544				
19	553	243	08	711	378	02	904	526	159	549	343	530	606	509	751	509	914	556				
20	552	269	08	709	380	01	901	521	155	630	334	590	561	731	552							
21	548	243	09	707	340	01	902	496	160	535	344	541	604	545								
22	537	311	01	692	406		882	530	143	516	329	529	591	515	735	525						
23	557	234		717	350		913	506	166	631	347	566	605	555	747	546						
24	551	220	11	710	353	03	903	510	158	584	341	561										
25	554	215	08	715	334	03																
26	535	294	02	692	375		886	487	150	500	336	540	598	521								
27	552	238	05	711	362	01	904	526	161	540	345	550	603	551	746	555						
28	557	196		719	299		918	450	181	509	366	582	619	630	757	585						
29	563	205	06	724	334	02	920	478	178	592	359	570	590	546								
30	541	245	03	701	349	02	894	496	150	595	331	547	590	546								

**RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF MAY 1950**

DAY	SURFACE			1000 MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW											
01	9.95	0.05	7.05	5.03	8.83	0.036	0.52	1.29	0.018	0.47	1.77	0.005	0.46	2.85	5.049	0.31	4.03	1.21	0.20		
02	0.000	0.005	5.045	0.01	0.86	0.022	0.29	1.32	5.021	0.31	1.80	5.037	0.32	2.85	5.083	0.24	4.03	1.53	0.05		
03	9.95	0.05	8.047	5.03	0.82	0.002	0.38	1.28	5.019	0.32	1.76	5.047	0.26	2.79	5.137	0.14	3.96	1.64	0.04		
05	0.16	0.02	6.018	0.13	0.97	5.065	0.21	1.41	5.110	0.17	1.87	5.151	0.16	2.88	5.182	0.12	4.02	2.40	0.07		
06	9.91	0.05	3.055	5.07	0.79	0.004	0.44	1.24	5.023	0.37	1.72	5.044	0.31	2.77	5.065	0.12	3.96	1.35			
08	0.02	0.04	9.053	0.02	0.88	0.009	0.47	1.33	5.023	0.33	1.81	5.045	0.31	2.87	5.067	0.12	4.05	1.35	0.09		
09	0.02	0.03	3.038	0.03	0.87	5.045	0.25	1.32	5.074	0.24	1.79	5.105	0.18	2.80	5.190	0.05	3.94	2.46	0.02		
10	0.08	0.04	5.053	0.07	0.92	5.014	0.38	1.57	5.040	0.35	1.85	5.022	0.31	2.91	5.044	0.14	4.11	1.25	0.08		
11	0.13	0.03	5.040	0.11	0.95	5.025	0.35	1.41	5.027	0.33	1.89	5.035	0.29	2.93	5.067		4.12	1.55			
12	0.14	0.05	0.047	0.12	0.97	0.041	0.32	1.43	0.037	0.18	1.93	0.028	0.42	2.99	5.034	0.39	4.19	1.05	0.26		
13	0.13	0.06	6.052	0.11	0.97	0.020	0.44	1.43	5.004	0.41	1.91	5.022	0.36	2.96	5.050	0.22	4.16	1.26			
14	0.01	0.04	8.053	0.01	0.87	0.020	0.48	1.33	0.000	0.22	1.81	0.004	0.12	2.87	5.045	0.12	4.07	1.25	0.07		
16	0.23	0.02	1.033	0.19	1.03	5.020	0.28	1.48	5.056	0.20	1.95	5.060	0.12	2.99	5.110	0.16	4.17	1.52	0.11		
17	0.22	0.05	1.047	0.18	1.04	0.024	0.40	1.50	0.006	0.45	1.98	5.014	0.37	3.04	5.070	0.16	4.23	1.24			
18	0.30	0.04	5.050	0.25	1.10	0.060	0.39	1.57	0.036	0.34	2.06	0.010	0.29	3.13	5.030	0.26	4.33	1.23	0.17		
19	0.27	0.03	0.044	0.22	1.08	0.034	0.33	1.54	0.016	0.25	2.03	5.004	0.20	3.09	5.056	0.09	4.28	1.47	0.11		
20	0.10	0.04	9.045	0.16	1.01	0.032	0.48	1.47	0.024	0.37	1.96	0.002	0.16	3.02	5.049	0.19	4.21	1.24			
21	0.15	0.05	7.046	0.13	0.97	5.034	0.28	1.43	0.000	0.19	1.91	5.015	0.12								
22	0.07	0.05	0.046	0.06	0.91	5.002	0.35	1.37	5.016	0.25	1.85	5.043	0.16	2.89	5.106	0.10	4.07	1.65	0.08		
23	9.93	0.04	5.048	5.05	0.80	0.017	0.46	1.26	5.003	0.42	1.75	5.025	0.40	2.80	5.070	0.51	3.99	1.41	0.18		
24	9.97	0.04	5.046	5.02	0.83	0.008	0.38	1.29	5.007	0.34	1.77	5.028	0.31	2.82	5.079	0.13	4.01	1.61			
25	9.96	0.05	8.051	5.03	0.82	0.017	0.46	1.27	5.015	0.41	1.75	5.033	0.18	2.81	5.060	0.09	4.00	1.39	0.09		
26	9.88	0.04	5.031	5.09	0.76	5.026	0.24	1.21	5.059	0.15	1.68	5.073	0.07	2.72	5.075		3.91	1.54	0.08		
27	9.97	0.02	7.034	5.02	0.83	5.042	0.22	1.28	5.074	0.19	1.75	5.110	0.14	2.76	5.178	0.12	3.90	2.34	0.08		
28	0.04	0.06	2.052	0.04	0.90	0.020	0.45	1.36	5.008	0.39	1.84	5.021	0.30	2.89	5.078	0.07	4.07	1.65	0.11		
30	0.03	0.04	2.033	0.03	0.87	5.062	0.20	1.32	5.104	0.17	1.71	5.107	0.16	2.80	5.183	0.11	3.94	2.14	0.05		
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	5.40	2.05	1.0	7.01	3.29	0.5	8.96	5.05	1.52	6.23	3.31	5.82	5.87	5.81							
02	5.39	2.36	0.6	6.99	5.31	0.3	8.95	4.74	1.53	6.26	3.32	5.78	5.88	5.63	7.29	5.95					
03	5.30	2.77	0.2	6.87	3.64	0.1	8.81	4.96	1.39	5.61	3.22	5.48	5.81	5.43	7.24	5.50					
05	5.33	3.04	0.6	6.87	4.17		8.87	5.17	1.46	5.02	3.34	4.95									
06	5.32	2.36		6.91	3.66		8.84	5.03													
08	5.41	2.36	0.8	7.00	3.55	0.3	8.95	4.92	1.51	5.88	3.32	5.75	5.88	5.70							
09	5.24	2.91		6.81	3.98		8.74	4.55	1.43	4.74	3.32	4.91									
10	5.48	2.30	0.8	7.08	3.26	0.1	9.04	4.75	1.63	5.91	3.44	5.70	6.01	5.62							
11	5.47	2.39	0.3	7.07	3.55	0.1	8.99	5.21	1.54	5.87	3.37	5.47	5.96	5.58	7.38	5.68					
12	5.57	1.99	1.1	7.18	3.34	0.3	9.13	4.92	1.68	6.71	3.49	5.30	6.07	5.77							
13	5.52	2.31		7.11	3.64		9.05	5.09	1.60	5.90	3.42	5.54	6.10	5.66	7.52	5.54					
14	5.46	2.09	0.7	7.08	3.15	0.4	9.04	4.88	1.57	6.76	3.37	5.22	5.97	5.57	7.39	5.72	9.20	5.87			
16	5.52	2.48	0.3	7.10	3.75	0.1	9.02	5.33	1.56	5.99	3.38	5.80	5.94	5.75							
17	5.60	2.03	0.7	7.21	3.18		9.17	4.85	1.71	6.65	3.46	5.93	6.00	5.93	7.40	5.95					
18	5.69	2.10	1.0	7.30	3.34	0.4	9.25	4.99	1.79	6.85	3.54	6.11	6.06	6.15	7.43	6.27	9.20	6.30			
19	5.64	2.35	0.3	7.2	3.76	0.1	9.14	5.15	1.69	6.33	3.46	6.14	5.95	6.34	7.32	6.20	9.09	6.50			
21																					
22	5.41	2.73	0.2	6.97	4.00	0.1	8.87	5.47	1.41	6.06	3.21	5.85	5.75	6.15	7.13	6.12	8.91	6.25			
23	5.34	2.52	0.8	6.92	3.89	0.1	8.83	5.42	1.37	5.67	3.20	5.64									
24	5.56	2.57		6.93	3.79		8.85	5.17	1.42	5.71	3.26	5.44	5.84	5.66	7.24	5.98					
25	5.35	2.34	1.0	6.95	3.38	0.4	8.91	4.93	1.46	6.68	3.22	6.06	5.75	6.14	7.14	5.99	8.93	6.18			
26	5.25	2.64	0.6	6.84	3.68		8.76	5.24	1.33	5.21	3.19	5.29									
27	5.21	3.25	0.4																		
28	5.42	2.36	0.9	7.01	3.55	0.3	8.95	5.20	1.55	5.20	3.41	5.52	5.97	5.94	7.37	5.95					
30	5.26	2.99	0.3	6.81	4.15		8.71	5.54	1.33	4.92	3.22	4.75	5.90	4.95							

**RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF JUNE 1950**

DAY	SURFACE			1000 MB			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW		
01	9.85	005	004.3	512	074	5016	032	119	5042	028	167	5070	022	270	5092	022	388	172	011		
02	9.78	001	8030	517	067	5045	026	112	5088	019	158	5121	012	259	5193	008	373	229			
03	9.82	500	6026	514	069	5066	018	114	5110	014	160	5147	011	260	5187	003	374	250	002		
04	9.82	502	7017	514	069	5094	012	113	5130	010	159	5169	008	257	5249	004	368	300			
05	9.74	502	9023	520	063	5082	018	107	5142	018	153	5148	012	252	5229	007	363	315	003		
06	9.84	502	0023	512	071	5078	018	115	5123	015	161	5150	011	261	5231	006	373	305	002		
07	9.81	501	5027	515	069	5079	021	113	5123	016	159	5172	011	257	5235	007	368	334	002		
08	0.04	000	0022	004	087	5090	017	131	5130	013	177	5164	011	278	5125	012	395	151	006		
09	9.93	002	2034	505	079	5040	023	124	5073	018	171	5110	016	272	5150	012	387	212	006		
10	9.90	502	1022	507	075	5082	017	119	5116	012	166	5148	009	265	5227	005	377	307	002		
11	0.10	001	0027	009	092	5084	016	137	5059	184	5050	287	5122				404	171	005		
12	0.05	004	0034	005	089	0016	018	135	5011	010	183	5055	007	286	5116		402	185			
14	0.08	001	6024	007	090	5081	019	134	5076	009	181	5081	018	284	5136	010	400	199	005		
15	9.88	003	3035	509	075	5033	028	121	5042	032	168	5065	024	271	5130	018	387	215	009		
16	0.17	003	3062	014	099	5030	046	144	5047	032	191	5034		296	5094	010	414	165	009		
17	0.15	004	8044	013	098	5014	022	143	5024	023	191	5056	012	295	5097	011	412	190			
18	0.13	004	9047	011	097	0052	045	143	5035	021	192	5030	012	299	5055		418	125			
19	0.06	006	1051	005	091	5014	035	136	5026	027	184	5064	023	288	5111		405	152			
20	0.12	000	2019	010	093	5086	019	137	5151	018	183	5136	010	285	5122		401	198			
22	0.13	002	5040	011	096	0005	021	141	5025	012	189	5033	011	295	5060		413	147			
23	0.20	002	9034	017	101	5004	010	147	0009	195	5019		300	5084		417	188				
24	0.15	005	9045	013	098	0005	041	144	5010	034	192	5044	027	297	5052		416	153	005		
25	0.09	005	1052	008	093	0037	032	140	0018	017	189	5012		294	5063		412	144			
26	0.12	005	5051	010	096	0023	045	142	0000	040	191	5005	027	295	5098	019	413	164	005		
27	0.12	004	0046	010	095	5015	033	141	5042	027	188	5024	017	292	5069		411	155			
28	0.12	500	2033	010	093	5043	020	138	5058	186	5056		290	5105	008	407	180				
29	0.20	003	2035	017	101	5048	028	145	5080	021	192	5038		296	5096	008	414	179	004		
30	0.22	004	9042	018	103	0034	025	150	0005	020	198	5010	011	304	5056		423	129			
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT		
01	5.22	275	06	678	400	02	867	544	124	530	310	515	574	524							
02	5.05	318		659	435		847	554	110	479	300	479	566	505							
03	5.04	342		657	459		843	567	107	460	298	471									
04	4.96	357		649	428		839	505	105	471	295	486									
05	4.90	397	01	639	486		827	496	095	471	285	471	554	467							
06	5.00	411		648	479		837	484	106	457	300	420									
07	4.93	400	01	644	420		837	466	106	472	296	468	566	447	715	455					
08	5.31	222		691	349		885	495	141	623	324	521	587	510	731	537					
09	5.19	296	04	675	386		866	535	127	496	316	483	582	482							
10	5.05	367		658	399		852	454	121	454	311	485	575	522	719	533					
11	5.38	274	06	694	408		883	560	136	545	319	547									
12	5.35	291																			
14	5.32	319	03	689	433		877	577	133	520	319	510	582	516	726	545					
15	5.19	301	03	674	421		865	561	130	503	317	510									
16	5.48	272	03	704	398	01	893	564	142	649	323	550	581	558							
17	5.45	280	02	700	405		889	574	142	601	323	562	580	562	721	578	901	610			
18	5.54	219	+-	714	350		908	500	162	680	340	563	596	579	737	584	916	602			
19	5.40	254		698	383		890	514	145	558	331	505									
20	5.34	301		688	434		887	533	150	492	339	477	606	493	751	523					
22	5.49	244	06	708	368	02	899	541	148	672	325	563	585	534	728	522	913	549			
23	5.51	264		707	402		889	537	150	635	330	584	587	545	730	547	913	563			
24	5.51	231	09	712	350	05	908	469	164	678	342	576	598	563	739	579	920	574			
25	5.48	256		705	386		897	516	158	557	339	545	596	574	738	556					
26	5.47	262		705	378		897	524	152	573	334	569	591	555	733	553	914	591			
27	5.45	262	03	703	385	02	893	545	148	577	331	542	590	561	731	577					
28	5.41	288	04	697	377		890	521													
29	5.48	269	03	704	410		894	551	146	567	328	569	585	555	728	552	911	572			
30	5.59	254		717	384		907	545	159	628	337	605	591	572	732	589	913	577			

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF JULY 1950

DAY	SURFACE			1000. MBS		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	
01	013	005	5045	011	097	0028	041	143	5003	040	191	5031	035	296	5077	020	414	154	011	
02	013	000	0118	011	095	5050	042	139	5051	042	187	5058	290	5125	010	406	201	005		
03	018	001	1026	015	098	5028	031	143	0003	012	192	5021	011	297	5075	010	414	174	004	
04	013	004	4049	011	096	5012	036	142	0006	034	190	5007	017	296	5075	008	413	166	010	
05	995	005	1055	503	082	0006	043	128	5026	035	176	5044	031	280	5105	008	397	180		
06	005	002	5034	005	088	5047	022	133	5064	020	180	5096	014	282	5162	007	397	209	003	
07	007	005	3050	006	092	0020	046	138	0009	040	186	5027	026	291	5090	020	407	189	010	
08	006	004	4040	005	091	0010	032	136	5011	023	185	5044	024	288	5116	018	405	194	011	
09	005	005	1042	005	090	5038	029	135	5068	022	182	5100	017	283	5158	013	398	210	006	
10	014	004	5052	012	097	5007	040	142	5039	033	190	5054	031	295	5072	008	413	164		
11	006	005	6051	005	091	0021	046	137	5006	040	165	5039	035	289	5112	011	406	190		
12	996	002	7034	503	081	5046	021	126	5068	011	173	5078	006	275	5165	011	389	251	002	
13	016	000	7024	013	097	5080	020	141	5108	017	187	5080	009	290	5125	010	410	149	010	
14	009	003	8046	008	093	0012	043	139	5011	040	187	5040	034	291	5088	010	415	203		
15	011	500	3023	009	092	5086	019	136	5116	018	182	5144	013	282	5201	012	394	297		
16	020	003	3037	017	101	5006	032	146	5024	012	194	5030	299	5106	011	421	119	005		
17	021	005	5049	016	103	0007	039	149	5015	035	197	5015	017	302	5083	011	421	162	011	
18	020	006	9049	017	103	0046	045	149	0026	018	198	5015	027	303	5083	009	421	184		
19	016	004	6046	013	098	5021	035	144	5021	030	192	5048	019	296	5107	009	413	193	009	
20	013	004	9047	017	096	003	010	142	0008	021	191	5021	009	295	5107	006	411	186		
21	996	004	9057	503	082	5010	010	128	5035	014	175	5058	021	279	5127	017	395	235	005	
22	003	003	1039	003	087	5036	030	132	5066	026	179	5098	020	281	5165	012	395	232		
23	998	002	8026	501	083	5039	128	5070	175	5103	277	5172	004	396	224	004	395	218		
24	006	500	1020	505	088	5085	016	132	5119	016	179	5156	011	280	5131	011	395	216	006	
25	009	000	6023	008	091	5072	015	135	5113	014	181	5154	012	282	5172	004	396	224	004	
26	006	001	6020	005	089	5067	017	133	5114	014	179	5149	009	280	5162	011	395	218		
27	011	002	2033	009	093	5050	026	138	5075	024	165	5100	020	287	5135	016	404	193	010	
28	012	003	2045	010	095	5001	040	140	5020	036	188	5050	030	292	5122	020	409	174	007	
29	008	005	0048	007	093	0024	049	139	5005	042	187	5030	037	292	5080	025	409	154	019	
30	000	003	7043	001	085	5003	041	131	5050	034	179	5047	027	283	5115	017	399	199	010	
31	010	002	0039	009	093	0002	041	139	5023	038	187	5056	029	291	5071	010	410	143		

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW
01	549	263	07	705	392	02	897	530	149	618	329	577	585	568	727	576								
02	539	293		693	483		883	555	138	552	322	558	580	560	722	558								
03	548	268		705	410		894	554	141	638	321	570	576	579	717	586	896	619						
04	547	272	07	705	384	01	895	551	143	680	321	556	578	604	716	623	893	631						
05	530	285		685	419		883	579	138	553	321	556	578	604	716	623	893	631						
06	528	327	02	681	455		868	562	124	576	306	562	560	633	697	601	877	605						
07	540	284	04	696	408		884	575	135	644	310	625	559	634	696	643								
08	537	291	05	692	431		879	585	132	569	315	574	569	604	707	528	884	640						
09	530	317	03	685	438		872	570																
10	547	245		706	365		899	525	149	722	321	645	569	624	706	650								
11	539	280	04	696	382	03	889	502	144	601	325	584	581	570	722	575								
12	519	346	03	670	484		856	527	119	511	305	530	566	545	708	562	889	593						
13	539	272		696	400		885	549	119	511	312	540	559	544	731	548	913	596						
14	545	251	07	703	385	02	894	535	148	591	333	537	591	553	733	583								
15	521	397		670	513		853	535	148	591	320	570	576	570	716	578								
16	547	314		701	429		869	573																
17	558	205	03	719	325	03	914	497	166	701	334	711	575	697	707	716								
18	555	251	06	713	387	01	904	530	155	675	332	602	584	616	722	641	895	691						
19	546	282		703	395		893	536	151	522	334	577	588	612	726	609	905	621						
20	544	297		699	417		888	564	139	621	320	570	576	570	716	578								
21	527	300	02	682	435		869	573																
22	526	315		679	442		872	572	124	518	314	536	555	575	715	596	894	617						
23	523	306	03	677	416		875	542	134	536	318	555	575	575	715	596								
24	528	290	05	683	414		872	563	124	581	304	588	580	580	708	562								
25	527	314	02	682	409		870	584	121	586	302	562	558	587	698	585								
26	527	295	02	683	414																			

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF AUGUST 1950

DAY	SURFACE			1000 MB		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW		
01	9 9 8	0 0 5	1 0 4 5	5 0 1	0 8 5	0 0 1 0	0 3 9	1 3 0	5 0 1 1	0 3 7	1 7 9	5 0 2 9	0 3 4	2 8 3	5 0 8 4	0 2 2	4 0 1	1 5 3	0 1 6		
02	9 9 5	0 0 2	0 0 3 5	5 0 3	0 8 1	5 0 3 0	0 3 0	1 2 6	5 0 6 0	0 2 7	1 7 3	5 0 8 0	0 2 0	2 7 5	5 1 5 7	0 1 0	3 9 0	2 3 5	0 0 4		
03	9 9 0	0 0 1	5 0 3 6	5 0 7	0 7 7	5 0 3 9	0 2 2	1 2 1	5 0 7 4	0 1 7	1 6 8	5 1 0 6	0 1 3	2 7 0	5 1 7 5	0 0 5	3 8 4	2 5 7	0 0 2		
04	0 0 0	5 0 2	9 0 1 9	0 0 1	0 8 3	5 1 0 9	0 1 6	1 2 7	5 0 7 1	0 0 6	1 7 4	5 0 7 8	0 1 6	2 7 6	5 1 3 5	3 9 2	2 1 5				
05	9 9 3	5 0 3	0 0 2 1	5 0 5	0 7 7	5 0 9 3	0 1 7	1 2 1	5 1 2 7	0 1 3	1 6 7	5 1 5 1	0 1 2	2 6 7	5 1 9 1	3 8 1	2 4 5				
06	0 0 3	5 0 2	1 0 1 9	0 0 3	0 8 5	5 1 0 5	0 1 6	1 2 9	5 1 3 4	0 1 2	1 7 5	5 1 0 7	0 0 6	2 7 7	5 1 3 8	3 9 3	2 2 7	0 0 4			
07	0 0 1	0 0 2	9 0 3 7	0 0 1	0 8 6	5 0 3 2	0 2 7	1 3 1	5 0 6 0	0 2 3	1 7 8	5 0 8 5	0 2 0	2 8 0	5 1 4 6	0 1 0	3 9 6	1 6 6			
08	9 9 9	0 0 2	0 0 3 0	5 0 1	0 8 4	5 0 4 6	0 2 2	1 2 8	5 0 8 8	0 1 9	1 7 5	5 1 0 6	0 1 0	2 7 7	5 1 4 9	0 0 7	3 9 2	2 2 2	0 0 4		
09	9 9 7	0 0 2	6 0 3 6	5 0 2	0 8 2	5 0 4 1	0 2 3	1 2 7	5 0 8 0	0 2 0	1 7 4	5 1 0 6	0 1 4	2 7 6	5 1 6 1	3 9 1	2 0 2				
10	0 0 5	0 0 5	5 0 4 9	0 0 5	0 9 0	5 0 0 1	0 4 1	1 3 6	5 0 1 5	0 3 8	1 8 4	5 0 4 3	0 2 8	2 8 8	5 0 9 7	0 0 7	4 0 5	1 7 0			
11	0 1 1	0 0 8	4 9 4 9	0 0 9	0 9 5	5 0 0 5	0 3 5	1 4 1	5 0 3 4	0 3 2	1 8 8	5 0 4 5	0 2 9	2 9 2	5 1 0 9	0 0 9	4 0 9	1 8 2	0 0 2		
12	0 0 6	0 0 2	5 2 0 5 2	0 0 5	0 9 1	0 0 0 8	0 4 1	1 3 7	5 0 0 8	0 4 0	1 8 5	5 0 3 2	0 3 5	2 9 0	5 1 0 3	0 2 2	4 0 7	1 9 5	0 1 1		
13	0 0 4	0 0 6	4 4 3	0 0 4	0 8 9	5 0 0 6	0 3 7	1 3 4	5 0 3 9	0 3 2	1 8 2	5 0 5 3	0 3 0	2 8 6	5 1 0 6	0 2 0	4 0 5	1 7 8	0 1 2		
15	0 1 5	0 0 3	6 0 3 4	0 1 3	0 9 7	5 0 5 0	0 2 2	1 4 1	5 0 8 1	0 1 6	1 8 8	5 1 0 5	0 0 6	2 8 9	5 1 6 8	4 0 3	2 6 1				
16	0 2 2	0 0 3	4 0 3 7	0 1 8	1 0 2	5 0 3 6	0 2 9	1 4 7	5 0 7 1	0 2 2	1 9 5	5 0 8 6	0 2 0	2 9 7	5 1 3 5	0 1 5	4 1 3	2 0 0	0 1 0		
17	0 1 8	0 0 5	8 0 4 3	0 1 5	1 0 0	5 0 2 3	0 3 0	1 4 5	5 0 2 3	0 1 4	1 9 3	5 0 4 5	0 1 4	2 9 7	5 0 9 8	4 1 3	1 9 8				
18	9 9 4	0 0 0	7 0 3 8	5 0 4	0 8 0	5 0 3 8	0 2 9	1 2 5	5 0 6 6	0 2 5	1 7 2	5 1 0 0	0 1 9	2 7 4	5 1 7 3	0 1 1	3 9 0	2 0 8	0 0 9		
19	9 9 3	0 0 3	3 0 3 8	5 0 5	0 7 9	5 0 2 6	0 2 8	1 2 5	5 0 5 2	0 3 0	1 7 2	5 0 8 7	0 2 2	2 7 4	5 1 6 4	0 1 2	3 8 9	2 0 8	0 0 9		
20	9 8 2	5 0 3	6 0 1 9	5 1 4	0 6 9	5 0 8 8	0 2 0	1 1 5	5 1 2 8	0 1 6	1 5 9	5 1 5 8	0 1 1	2 8 6	5 2 4 5	0 0 6	3 6 9	3 3 5	0 0 2		
21	0 0 4	5 0 5	4 0 1 4	0 0 4	0 8 5	5 1 2 9	0 1 0	1 2 8	5 1 7 2	0 0 9	1 7 3	5 2 0 1	0 0 8	2 7 1	5 2 4 2	0 0 4	3 8 3	2 6 6	0 0 3		
23	0 1 0	5 0 4	5 0 1 4	0 0 9	0 9 0	5 1 3 0	0 1 2	1 3 4	5 1 6 0	0 1 1	1 7 9	5 1 8 1	0 0 8	2 7 9	5 1 8 9	3 9 4	2 3 0				
24	0 1 3	0 0 5	4 0 5 8	0 1 1	0 9 6	0 0 0 6	0 5 8	1 4 2	5 0 0 7	0 2 0	1 9 0	5 0 2 6	0 1 9	2 9 5	5 0 6 2	4 1 4	1 5 0				
25	0 0 6	0 0 4	2 0 4 5	0 0 5	0 9 0	5 0 2 1	0 3 3	1 3 6	5 0 2 8	0 3 4	1 8 3	5 0 5 4	0 2 7	2 8 7	5 1 2 3	0 1 4	4 0 3	2 1 7	0 0 6		
26	9 9 9	0 0 5	4 0 5 5	5 0 1	0 8 5	0 0 0 8	0 4 1	1 3 1	5 0 3 2	1 8 0	0 0 0 3	2 8 5	5 0 6 4	4 0 5	1 3 8	2 0 7					
27	9 8 7	0 0 5	3 0 3 8	5 1 1	0 7 4	5 0 3 8	0 2 8	1 1 9	5 0 6 7	0 2 4	1 6 6	5 0 9 6	0 1 7	2 6 8	5 1 3 5	0 1 4	3 8 5	1 7 6	0 1 1		
28	0 1 2	5 0 3	3 0 1 7	0 1 0	0 9 2	5 1 1 3	0 1 5	1 3 6	5 1 0 5	0 0 6	1 8 3	5 1 1 3	0 1 3	2 8 4	5 1 6 5	3 9 6	2 5 5				
29	0 2 0	0 0 3	6 0 3 3	0 1 7	1 0 1	5 0 0 6	0 2 6	1 4 7	5 0 2 6	0 2 9	1 9 5	5 0 4 7	0 2 7	2 9 9	5 0 8 8	0 1 3	4 1 6	1 7 6	0 0 8		
30	0 1 1	0 0 4	3 0 5 2	0 0 9	0 9 5	0 0 0 8	0 4 5	1 4 0	5 0 1 6	0 3 6	1 8 9	5 0 4 5	0 2 7	2 9 3	5 0 8 2	0 1 0	4 1 0	1 6 3			
31	0 0 8	0 0 3	2 0 4 0	0 0 7	0 9 1	5 0 2 0	0 2 9	1 3 7	5 0 3 2	1 8 6	5 0 0 2	2 9 1	5 0 8 4	4 1 0	1 4 5	0 0 5					
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	
01	5 3 6	2 5 2	0 7	6 9 3	4 1 4		8 8 2	5 6 0	1 3 5	5 9 5	3 1 4	5 9 8	5 6 5	6 3 6	7 0 1	6 5 7	8 6 6	6 6 0			
02	5 2 1	3 2 5	0 2	6 7 3	4 6 9		8 5 9	5 4 3	1 1 9	5 5 7	3 0 1	5 7 6	5 5 4	6 3 3	6 9 0	6 5 1					
03	5 1 3	3 4 4		6 6 7	4 1 1		8 5 8	5 1 5	1 1 8	5 5 3	3 0 2	5 5 4	5 6 2	5 5 5	7 0 3	5 8 6	8 7 9	6 2 2			
04	5 2 3	3 1 5		6 7 7	4 4 1		8 6 5	5 7 5	1 1 7	5 6 1	3 0 1	5 4 5	5 5 9	5 7 1	6 9 9	5 8 7					
05	5 1 2	3 3 4		6 6 4	4 6 2		8 5 1	5 4 1	1 1 0	5 3 9	2 9 4	5 5 5	5 5 6	4 9 5	7 0 0	5 4 5					
06	5 2 4	3 0 3	0 3	6 7 9	4 2 6		8 6 6	5 8 5	1 1 8	5 6 2	3 0 3	5 0 6	5 6 5	5 3 0	7 0 9	5 4 5					
07	5 3 1	2 6 4		6 8 9	3 8 0		8 8 1	5 0 6	1 4 1	5 1 5	3 2 7	5 0 6	5 9 1	5 1 0	7 3 7	5 1 0	9 2 4	5 0 1			
08	5 2 3	3 2 8	0 2	6 7 7	4 2 9		8 7 5	5 6 2	1 2 8	5 9 8	3 0 7	5 9 0	5 6 0	6 2 3							
09	5 2 3	3 0 3		6 7 8	4 2 4		8 7 7	5 3 2	1 3 3	5 7 8	3 1 3	6 0 4	5 6 3	6 3 1	7 0 0	6 4 8	8 7 5	6 5 7			
10	5 4 0	2 5 7		6 9 7	3 8 5		8 8 9	5 3 5	1 3 9	6 9 5	3 1 4	6 1 7	5 6 3	6 4 6	6 9 9	6 6 0					
11	5 4 2	2 0 7		6 9 9	3 8 9		8 9 1	5 3 3	1 4 2	6 4 4	3 2 0	5 9 4	5 7 1	6 3 5	7 0 8	6 3 8					
12	5 4 0	2 8 8	0 4	6 9 5	4 1 3		8 8 4	5 7 3	1 3 6	5 8 1	3 1 8	5 4 9	5 7 4	5 9 6	7 1 3	6 2 4					
13	5 3 7	2 8 2	0 5	6 9 3	4 0 7		8 8 2	5 5 5	1 3 4	5 8 6	3 1 6	5 6 3	5 7 1	5 8 8							
15	5 3 2	3 5 5		6 8 4	4 4 6		8 7 3	5 3 3	1 3 3	5 2 4	3 1 8	5 5 1	5 7 7	5 4 0	7 2 0	5 5 9	9 0 1	5 6 6			
16	5 4 5	3 0 2	0 4	7 0 0	4 1 8		8 9 8	5 7 9	1 4 6	6 1 3	3 2 5	5 9 2	5 8 0	5 7 3	7 2 1	5 7 3					
17	5 4 6	3 0 0	0 2	7 0 0	4 2 8		8 8 7	5 7 8	1 3 3	7 1 0	3 0 3	6 8 8	5 4 5	6 9 1							
18	5 2 2	2 9 8	0 4	6 7 7	4 3 0		8 6 3	6 0 3	1 1 2	6 5 2	2 8 6	6 6 8	5 2 9	6 9 5							
19	5 2 1	3 1 4	0 4	6 7 5	4 3 9		8 6 2	5 7 7	1 0 8	6 6 7	2 8 2	6 6 4									
20	4 9 4	4 0 8		6 4 3	4 8 6		8 2 7	5 7 6	0 8 3	5 9 8	2 6 2	6 2 3	5 1 0	6 5 5	6 4 5	6 7 3	8 1 7	7 0 5			
21	5 1 3	3 5 8	0 2	6 6 5	4 5 4		8 5 1	5 8 4	1 0 4	5 9 2	2 8 4	5 9 2	5 3 5	6 4 6	6 7 0	6 6 2					
23	5 2 5	2 9 9		6 8 0	3 9 9		8 7 1	5 5 2													
24	5 4 9	2 5 5	0 4	7 0 7	3 7 5	0 2	8 9 8	5 4 3	1 4 5	7 1 9	3 1 9	6 3 7									
25	5 3 5	3 1 3		6 8 9																	

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF SEPTEMBER 1950

DAY	SURFACE			1000 MB		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WWW	HHH.	HHH	TTT	WWW													
01	9 9 2	0 0 5	8 0 5 3	5 0 6	0 8 0	0 0 5 2	0 5 6	1 2 7	5 0 0 4	0 4 1	1 7 5	0 0 1 0	0 4 8	2 8 2	5 0 5 0	0 3 0	4 0 1	1 3 1	0 1 6	
02	9 9 5	0 0 6	6 0 3 8	5 0 3	0 8 1	5 0 3 0	0 3 3	1 2 6	5 0 3 5	0 3 4	1 7 4	5 0 4 4	0 3 5	2 7 8	5 1 1 0	0 2 5	3 9 4	1 9 9	0 0 9	
05	0 0 9	0 0 3	8 0 3 4	0 0 8	0 9 2	5 0 3 4	0 1 1	1 3 7	5 0 5 5	0 0 6	1 8 4	5 0 9 1	0 0 9	2 8 6	5 1 2 9	0 4 3	1 8 5	0 0 4		
04	9 9 9	0 0 4	1 0 4 7	5 0 0	0 8 5	5 0 1 7	0 3 3	1 3 0	5 0 1 2	0 1 8	1 7 9	5 0 2 2	0 1 0	2 8 3	5 0 9 9	0 0 7	4 0 0	1 7 7		
05	9 8 5	0 0 5	4 0 5 1	5 1 2	0 7 4	0 0 1 3	0 4 6	1 2 0	5 0 0 1	0 4 2	1 6 8	5 0 1 6	0 3 9	2 7 3	5 1 0 2	0 2 2	3 9 1	1 5 5		
06	9 8 6	0 0 2	8 0 3 4	5 1 1	0 7 4	5 0 3 7	0 2 5	1 1 9	5 0 6 8	0 2 5	1 6 6	5 0 9 7	0 2 2	2 6 8	5 1 5 1	0 1 4	3 8 3	2 1 3	0 0 6	
07	9 6 9	0 0 5	5 0 5 2	5 2 5	0 6 1	0 0 5 6	0 6 1	1 0 8	0 0 4 0	0 5 9	1 5 7	0 0 1 5	0 5 0	2 6 3	5 0 4 6	0 5 8	3 8 3	1 1 4	0 2 3	
08	9 6 8	0 0 4	0 0 5 4	5 2 6	0 5 9	5 0 1 9	0 2 9	1 0 4	5 0 6 9	0 2 4	1 5 1	5 0 9 8	0 2 0	2 5 3	5 1 6 9	0 1 1	3 6 7	2 3 6	0 0 5	
09	9 6 8	0 0 4	3 0 4 2	5 2 6	0 5 9	0 0 1 5	0 5 7	1 0 5	5 0 2 6	0 2 9	1 5 3	5 0 5 9	0 2 6	2 5 6	5 1 2 6	0 1 8	3 7 2	2 1 3	0 0 9	
10	9 8 9	0 0 2	4 0 4 5	5 0 8	0 7 6	5 0 4 7	0 2 8	1 2 1	5 0 7 2	0 2 5	1 6 8	5 1 0 2	0 1 8	2 6 9	5 1 8 2	0 0 4	3 8 2	2 6 8	0 0 3	
11	0 0 1	0 0 6	2 0 4 9	0 0 1	0 8 7	5 0 1 6	0 3 6	1 3 2	5 0 3 8	0 3 2	1 8 0	5 0 6 1	0 2 8	2 8 3	5 1 3 1	0 1 7	3 9 9	2 1 4	0 0 9	
12	9 9 6	0 0 3	5 0 3 4	5 0 3	0 8 2	5 0 3 0	0 2 6	1 2 7	5 0 5 0	0 2 6	1 7 4	5 0 7 9	0 2 2	2 7 7	5 1 1 6	0 2 0	3 9 3	1 8 5	0 1 2	
13	0 1 8	0 0 3	2 0 3 4	0 1 5	0 9 9	5 0 5 5	0 2 2	1 4 3	5 0 9 6	0 1 8	1 9 0	5 1 1 5	0 1 6	2 9 2	5 1 2 7	0 1 4	4 0 9	1 4 8	0 0 7	
14	0 1 9	0 0 2	0 0 3 3	0 1 6	0 9 9	5 0 5 8	0 2 3	1 4 4	5 0 8 9	0 2 1	1 9 1	5 0 9 0	0 1 7	2 9 4	5 0 9 9	0 0 8	4 1 1	1 8 6	0 0 9	
15	0 2 1	0 0 3	5 0 3 7	0 1 7	1 0 2	5 0 1 1	0 3 5	1 4 7	5 0 2 7	0 3 2	1 9 5	5 0 5 0	0 2 8	2 9 9	5 0 9 8	0 2 3	4 1 7	1 4 9	0 1 7	
16	0 1 4	0 0 4	1 0 4 6	0 1 2	0 9 8	0 0 6 1	0 5 0	1 4 5	0 0 4 4	0 2 9	1 9 5	0 0 2 7	0 1 7	3 0 1	5 0 5 1	0 1 4	4 2 1	1 3 2	0 0 9	
17	0 1 2	0 0 4	4 0 5 2	0 1 0	0 9 6	0 0 2 6	0 4 1	1 4 2	0 0 0 8	0 4 2	1 9 1	5 0 1 0	0 4 3	2 9 6	5 0 7 1	0 3 0	4 1 5	1 4 2	0 1 7	
18	0 0 3	0 0 1	7 0 4 0	0 0 3	0 8 8	0 0 0 2	0 4 4	1 3 3	5 0 2 6	0 3 8	1 8 1	5 0 3 8	0 3 7	2 8 6	5 0 9 7	0 2 1	4 0 3	1 6 8	0 1 1	
19	0 1 4	0 0 4	1 0 3 7	0 1 2	0 9 7	0 0 0 7	0 3 0	1 4 3	5 0 2 8	0 2 8	1 9 0	5 0 4 0	0 2 3	2 9 5	5 0 8 6	0 0 6	4 1 3	1 4 7	0 0 8	
20	9 8 8	0 0 6	4 0 5 8	5 0 9	0 7 6	0 0 1 1	0 4 2	1 2 2	5 0 1 1	0 4 1	1 7 0	5 0 3 8	0 3 5	2 7 5	5 0 8 8	0 2 1	3 9 2	1 6 6	0 1 1	
21	0 0 7	0 0 3	5 0 3 4	0 0 6	0 9 1	5 0 4 4	0 2 6	1 3 5	5 0 7 9	0 2 2	1 8 2	5 0 7 4	0 2 1	2 8 6	5 1 1 6	0 2 0	4 0 3	1 8 3	0 1 1	
22	0 1 3	0 0 5	5 0 5 0	0 1 1	0 9 7	0 0 1 7	0 4 1	1 4 3	5 0 0 9	0 3 8	1 9 1	5 0 2 4	0 3 0	2 9 5	5 0 9 7	0 2 0	4 1 3	1 6 6	0 0 9	
23	0 0 3	0 0 5	9 0 5 8	0 0 3	0 8 9	0 0 4 0	0 5 5	1 3 5	5 0 0 1	0 4 9	1 8 3	5 0 2 1	0 3 8	2 8 8	5 0 9 5	0 2 1	4 0 7	1 4 2		
24	0 0 2	0 0 5	4 0 5 2	0 0 2	0 8 8	5 0 0 4	0 3 4	1 3 4	5 0 2 9	0 2 6	1 8 3	5 0 0 3	0 1 8	2 8 8	5 0 6 9	0 0 6	4 0 6	1 6 6		
25	0 1 7	0 0 3	9 0 3 9	0 1 4	0 9 9	5 0 4 5	0 2 4	1 4 5	5 0 5 9	0 1 9	1 9 1	5 0 6 8	0 2 4	2 9 4	5 0 9 9	0 0 7	4 1 2	1 7 0	0 0 6	
26	0 2 1	0 0 6	0 0 5 0	0 1 8	1 0 3	5 0 0 6	0 3 6	1 4 8	5 0 1 9	0 3 6	1 9 6	5 0 3 9	0 3 2	5 0 1	5 0 9 0	0 1 6	4 1 8	1 7 0	0 0 9	
27	0 1 7	0 0 4	0 0 4 5	0 1 4	0 9 9	5 0 0 9	0 3 6	1 4 5	5 0 2 6	0 3 3	1 9 3	5 0 4 5	0 2 9	2 9 7	5 0 8 8	0 1 9	4 1 4	1 8 4	0 0 9	
28	0 1 5	0 0 4	6 0 4 8	0 1 3	0 9 8	0 0 0 9	0 3 4	1 4 3	5 0 0 4	0 1 6	1 9 2	5 0 2 1	0 1 8	2 9 7	5 0 7 7	0 1 2	4 1 5	1 7 9	0 0 6	
29	0 1 6	0 0 3	8 0 4 6	0 1 3	0 9 9	0 0 0 5	0 3 4	1 4 5	5 0 0 2	0 2 0	1 9 3	5 0 0 0	0 3 4	2 9 9	5 0 8 0	0 1 9	4 1 6	1 5 3	0 1 3	
30	0 0 9	0 0 5	2 0 5 5	0 0 8	0 9 4	0 0 3 0	0 5 3	1 4 0	5 0 0 4	0 4 6	1 8 9	5 0 1 6	0 4 0	2 9 5	5 0 3 5	0 0 9	4 1 5	1 1 8	0 0 6	

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS		
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW			
01	5 3 7	2 2 4	0 9	6 9 7	3 5 0	0 1	8 9 1	5 0 0	1 4 3	6 8 2	3 1 8	6 6 6	6 9 5	6 6 8	6 9 3	6 1 6	6 4 5	8 7 7	6 5 5					
02	5 2 7	3 0 0	0 5	6 8 1	4 4 8	0 8 6	5 6 4	5 6 4	1 2 0	6 2 6	2 9 6	6 6 1	5 3 9	6 6 8	6 8 8	6 9 3								
03	5 3 6	2 8 4	0 4	6 9 2	4 0 5	0 1	8 8 1	5 7 4	1 3 1	6 1 5	5 0 8	6 3 1	5 5 4	6 1 6	7 0 3	6 4 5								
04	5 3 4	2 8 3		6 9 0	4 0 4		8 7 9	5 4 7	1 3 5	5 9 0	3 1 5	5 9 1	5 6 6	6 1 6	7 0 3	6 4 5								
05	5 2 5	2 7 1		6 8 3	3 6 7		8 7 5	5 2 6	1 2 1	5 7 5	3 0 3	5 7 7	5 5 6	6 1 6	6 9 4	6 4 5								
06	5 1 4	3 0 8		6 6 8	4 2 9		8 7 6	5 0 5		1 4 3	5 1 5	3 0 1	5 2 5	5 6 1	5 4 7									
07	5 2 1	2 1 7	1 0	6 8 1	3 4 8	0 3	8 7 6	5 0 5		1 4 4	5 1 5	3 0 1	5 2 5	5 6 1	5 7 7	6 8 6	5 3 4	8 7 0	5 4 3					
08	4 9 8	3 2 6	0 2	6 5 1	4 3 2		8 5 1	5 0 9		1 1 4	5 1 5	3 0 1	5 2 5	5 6 1	5 4 7									
09	5 0 4	2 7 4	0 6	6 6 1	4 0 1	0 2	8 5 1	5 4 9	1 0 7	5 7 0	2 8 9	5 8 6	5 4 4	5 7 7	6 8 6	5 3 4	8 7 0	5 4 3						
10	5 1 1	3 7 7	0 1	6 6 1	5 1 4		8 4 6	5 3 4		1 5 4	5 2 3	3 0 2	6 2 0	5 5 6	5 6 7	6 9 7	5 7 6							
11	5 3 0	3 2 3	0 4	6 8 3	4 4 3		8 7 0	5 9 8		1 2 5	6 2 1	3 0 2	6 2 0	5 5 6	5 6 7	6 9 7	5 7 6							
12	5 2 7	2 8 2	0 6	6 8 3	4 0 6	0 2	8 7 3	5 3 8		1 2 5	6 2 1	3 0 2	6 2 0	5 5 6	5 6 7	6 9 7	5 7 6							
13	5 4 4	2 6 5		7 0 1	4 0 6		8 9 0	5 6 7		1 3 6	6 5 8	3 1 4	6 0 5	5 6 6	5 9 8	7 0 6	5 8 5							
14	5 4 4	2 7 6	0 3	7 0 1	3 9 0	0 1	8 9 2	5 4 2		1 4 3	6 1 4	3 2 2	6 0 5	5 7 4	6 0 3	7 1 3	6 0 9							
15	5 5 2	2 3 0	0 9	7 1 3	3 3 1	0 3	9 0 8	4 9 7		1 6 1	7 0 2	3 3 4	6 2 2	5 8 6	6 1 5	7 2 4	6 0 4	9 0 4	6 0 3					
16	5 5 6	2 5 3	0 6	7 1 5	3 5 5	0 2	9 0 8	5 1 8		1 5 9	6 9 4	3 3 4	6 2 6	5 8 4	6 3 4									

**RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF OCTOBER 1950**

DAY	SURFACE			1000 MBS		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS						
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW														
01	9 8 0	0 0 5	6 0 4	7	5 1 6	0 7 0	0 0 9	0 4 0	1 1 6	5 0 1	0 0 9	1 6 4	5 0 2	2 9	0 3 4	2 6 9	5 0 8	6	0 2 5	3 8 7	1 4 3	0 1 3		
02	9 9 2	5 0 0	5 0 3	2	5 0 6	0 7 6	5 0 5	0 2 5	1 2 3	5 0 8	0 2 3	1 6 9	5 1 1	2 0	1 1 8	2 7 1	5 1 6	8	0 1 2	3 8 5	2 5 3	0 0 6		
03	0 0 6	0 0 4	4 0 5	0	0 4	9 1	0 0 1	0 4 4	1 3 6	5 0 2	0 0 5	1 8 5	5 0 4	0 0	0 3 1	2 8 9	5 0 9	4	0 2 0	4 0 6	1 8 7	0 1 1		
04	0 1 5	0 0 5	0 0 4	4	9	0 1 3	0 9 8	0 0 5	0 4 9	1 4 5	0 0 6	2 2 5	1 9 4	0 0 2	0 1 9	3 0 1	5 0 4	2	0 1 4	4 2 0	1 3 0	0 1 4		
05	0 1 0	0 0 4	6 0 5	2	0	0 0 9	0 9 4	5 0 1	2	1 2	0 3 8	1 4 0	0 0 4	0 1 8	1 8 9	0 0 1	1 8	2 9 6	5 0 4	6	0 1 1	4 1 5	1 1 4	
06	0 0 5	0 0 4	0 0 2	6	8	0 0 5	0 8 8	5 0 6	9	0 1 7	1 3 2	5 1 1	5 0 5	0 1 4	1 7 8	5 1 3	8	0 1 2	2 8 0	5 1 5	9	3 9 4	2 2 0	
07	0 0 5	0 0 3	4 0 2	2	8	0 0 5	0 8 9	5 0 5	1	0 1 7	1 3 3	5 0 7	9	0 1 3	1 8 0	5 0 7	6	0 1 5	2 8 3	5 1 4	0	0 8	3 9 8	2 0 0 0 5
08	9 9 3	0 0 3	6 0 0	3	1	5 0 5	0 7 9	5 0 4	0 2 5	1 2 4	5 0 6	3	0 1 8	1 7 1	5 0 9	1	0 0 6	2 7 3	5 1 6	5	0 0 5	3 8 8	2 1 2	
09	9 9 4	0 0 6	5 0 5	2 0	6 0	5 0 4	0 8 2	0 0 3	6 0 4	1 2 8	0 0 2	2	0 5 4	1 7 7	5 0 0	5	0 4 6	2 8 3	5 0 7	0	0 3 2	4 0 1	1 4 4 0 1 5	
10	9 8 7	0 0 7	7 0 5	0 5 6	5 1 0	0 7 7	0 0 6	1	0 5 4	1 2 3	0 0 4	0	0 5 0	1 7 3	5 0 4	5	0 3 2	2 8 0	5 0 4	9	0 2 9	3 9 9	1 2 4 0 1 9	
11	0 1 6	0 0 2	7 0 2	7 0 9	0 1 3	0 9 7	5 0 3	0 0 3	6 0 3	1 4 3	0 0 5	3 0 9	1 9 0	5 0 8	0	0 0 6	2 9 3	5 1 4	8	0 1 4	4 0 6	1 1 8 8		
12	0 0 2	0 0 4	4 0 5	5 2	0 0 2	0 8 7	5 0 1	4	0 4 0	1 3 3	0 0 6	4 0 0	1 8 0	5 0 6	7	0 2 4	2 8 3	5 1 4	1	0 1 2	3 9 9	2 0 0 0 2		
13	0 0 6	0 0 4	9 0 5	5 5	0 0 5	0 9 0	0 0 1	0 0 1	0 0 0	1 3 6	0 0 5	0 5 3	1 8 5	5 0 1	0	0 2 8	2 9 0	5 0 8	4	0 1 9	4 0 8	1 6 1 0 1 1		
14	9 9 9	0 0 3	4 0 3	3 3	5 0 0	0 8 4	0 0 4	0 3 7	0 2 6	1 2 9	5 0 6	4	0 1 9	1 7 6	5 0 8	6	0 2 6	2 7 9	5 1 3	8	3 9 3	2 4 1		
15	0 0 9	0 0 3	8 0 0	3 0	0 0 8	0 9 2	0 0 1	0 2 4	1 3 7	5 0 8	2	0 2 0	1 8 3	5 1 1	6	0 1 8	2 8 6	5 1 2	1	0 1 0	4 0 3	1 9 5 0 0 7		
16	0 1 6	0 0 2	7 0 0	3 8	0 1 3	0 9 8	5 0 3	0 0 9	0 2 8	1 4 3	0 0 4	3 0 9	1 9 1	5 0 3	9	0 1 2	2 9 5	5 0 8	8	0 1 0	4 1 2	1 7 3		
17	0 1 1	0 0 5	9 0 5	5 3	0 0 9	0 9 6	0 0 7	7 7	0 0 5	8	1 4 3	0 0 4	4 5 5	1 9 2	0 0 2	3	0 2 3	2 9 8	5 0 6	9	0 1 5	4 1 7	1 2 2 0 1 9	
18	0 0 6	0 0 6	3 0 5	5 2	0 0 5	0 9 2	0 0 3	6 0 3	6 5	5 3	9	0 0 3	0 5 5	1 8 8	0 0 1	4	4 7	2 9 4	5 0 5	6	0 2 8	4 1 4	1 0 3 0 2 5	
19	0 1 9	0 0 3	5 0 0	2 9	0 1 6	1 0 0	0 0 4	5 0 1	6	1 4 5	0 0 2	4 2 4	1 9 3	5 0 2	9	0 0 9	2 9 9	5 0 7	4	0 2 4	4 1 1	1 4 5 0 1 7		
20	0 1 2	0 0 4	4 0 4	6	0 1 0	0 9 5	5 0 1	2	3 6	1 4 1	0 0 3	3 0 3	1 8 8	5 0 6	5	0 2 6	2 9 2	5 0 9	5	0 2 4	4 1 1	1 4 5 0 1 7		
21	0 3 1	0 0 3	5 0 0	3 8	0 2 5	1 0 9	0 0 4	0 1 7	1 5 4	5 0 7	1	0 1 2	2 0 1	5 1 0	5	0 1 2	3 0 4	5 1 1	5	0 1 0	4 2 0	2 0 9		
22	0 3 2	0 0 4	0 0 2	9	0 2 6	1 1 0	0 0 4	0 0 7	5 0 3	7	0 0 9	5 5	5 0 7	7	0 0 8	2 0 2	5 0 7	0	0 1 1	3 0 5	5 1 1	0		
23	0 1 6	0 0 5	5 0 0	4 4	0 1 4	0 9 9	5 0 1	4	0 3 5	1 4 4	0 1 8	5 0 1	8	0 1 8	1 9 5	0 0 1	8	2 9 9	5 0 3	9	4 1 9	1 2 2 0 0 6		
24	0 0 6	0 0 5	9 0 5	5 8	0 0 5	0 9 1	0 0 1	0 0 2	3	0 4 8	1 3 7	0 0 3	6 0 6	0 1 2	1 8 7	0 0 2	6	0 2 6	2 9 3	5 0 4	8	0 2 4	4 1 3	1 2 6 0 2 0
25	0 1 6	0 0 2	4 0 4	3 3	0 1 3	0 9 8	5 0 0	7	0 0 7	2 4 2	1 4 3	5 0 2	4	0 1 4	1 9 1	5 0 5	3	0 0 7	2 9 6	5 0 7	0	0 1 5	4 1 4	1 5 4 0 0 6
26	0 1 5	0 0 4	6 0 0	3 7	0 1 3	0 9 8	5 0 0	2	2 3	0 3 3	1 4 4	0 0 2	3	0 2 3	1 9 5	5 0 1	8	0 1 6	2 9 8	5 0 4	2	0 1 5	4 1 0	1 2 5 0 1 7
27	0 0 1	0 0 5	4 0 5	5 5	0 0 1	0 8 8	0 0 5	8 0	6 1	1 3 5	0 0 3	0 5 5	1 8 4	0 0 1	1	1	2 9 0	5 0 8	6	0 2 5	3 8 8	1 3 0 0 1 9		
28	9 8 4	0 0 2	7 0 0	3 6	5 1 2	0 7 2	5 0 3	4	0 2 9	1 1 7	5 0 3	3	0 2 2	1 6 5	5 0 3	8	0 1 5	2 8 3	5 1 4	8	0 0 5	3 9 9	2 0 4 0 0 5	
29	0 0 9	0 0 1	3 0 3	2 8	0 0 8	0 9 1	5 0 6	2	0 1 9	1 3 6	5 0 9	6	0 1 7	1 8 2	5 0 1	0	0 1 1	2 8 5	5 0 3	8	0 1 4	4 0 3	1 0 7 0 0 8	
30	9 9 8	0 0 6	3 0 4	4 6	5 0 1	0 8 4	5 0 0	5	0 3 4	1 3 0	5 0 3	9	0 3 0	1 7 8	5 0 1	0	0 1 1	2 8 5	5 0 3	8	0 1 4	3 8 7	1 7 4 0 0 4	
31	9 8 3	0 0 5	6 0 3	3 7	5 1 3	0 7 2	5 0 2	0	2 9	1 1 7	5 0 3	0	2 7	1 6 5	5 0 4	3	0 1 8	2 6 9	5 1 0	0	0 1 0	3 8 7	1 7 4 0 0 4	
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS					
HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW				
01	5 2 3	2 4 0	0 9	6 8 1	3 8 1	0 2	8 7 6	4 4 8	1 4 5	4 7 9	5 3 3	5 1 1	5 9 7	5 1 2	7 4 2	5 1 4								
02	5 1 4	3 7 2	0 1	6 6 5	4 2 9		8 5 9	4 3 5	1 3 0	4 6 0	3 2 0	4 7 5	5 8 7	4 9 6	7 3 2	5 0 3								
03	5 3 9	2 7 4	0 6	6 9 6	3 8 9	0 1	8 8 7	5 3 0	1 4 7	5 1 7	5 3 5	4 9 0	6 0 1	4 9 5										
04	5 5 8	1 9 6		7 2 0	3 0 4		9 1 7	4 7 4	1 7 2	6 3 5	5 5 1	5 6 0	6 1 1	5 2 1	7 5 6	5 0 7								
05	5 5 3	2 0 7		7 1 3	3 2 6		9 0 9	4 8 4	1 6 6	5 7 3	5 5 1	5 3 0	6 1 5	4 9 2	7 6 1	4 8 1	9 5 2	4 6 6						
06	5 2 6	2 8 4		6 8 3	3 9 6		8 7 3	4 9 9	1 4 2	4 4 9	3 3 5	4 3 4	6 0 8	4 4 6	7 5 7	4 3 7	9 5 0	4 3 2						
07	5 3 2	2 7 1	0 6	6 8 8	4 0 5	0 2	8 7 7	5 4 8	1 3 8	4 7 2	3 2 9	4 4 3	6 0 1	4 4 0	7 5 1	4 4 3	9 4 5	4 3 6						
08	5 2 0	2 9 6		6 7 6	4 1 0		8 6 7	5 2 1	1 5 3	4 6 1	3 2 4	4 5 0	5 9 5	4 5 1	7 4 4	4 5 1	9 3 6	4 5 5						
09	5 3 6	2 3 0	1 0	6 9 6	3 6 1	0 3	8 8 8	5 2 4	1 4 1	5 8 1	3 2 4	5 2 9	5 9 0	4 5 9										
10	5 3 6	2 0 3	1 1	6 9 7	3 3 5	0 5	8 9 1	5 0 3	1 4 8	5 7 6	3 3 3	5 1 0	5 9 7	4 9 5	7 4 5	4 4 7	9 3 7	4 5 6						
11	5 4 2	2 7 6		6 9 9	3 9 3	0 1	8 9 0	5 3 3	1 4 8	5 2 0	3 3 5	4 9 2	6 0 2	4 7 0	7 5 0	4 5 6	9 4 3	4 2 2						
12	5 3 1	3 0 7	0 1	6 8 6	4 2 2		8 7 7	4 8 2	1 4 4	4 8 0	3 3 4	4 7 1	6 0 4	4 4 7	7 5 3	4 6 2	9 4 6	4 3 0						
13	5 4 2	2 5 4	0 6	7 0 1	3 5 4	0 2	8 9 4	5 0 5	1 5 4	5 2 8	3 4 0	4 9 1	6 0 4	5 0 8	7 5 1	4 7 5	9 4 1	4 5 5						
14	5 2 5	2 9 0		6 8 2	3 9 4		8 7 3	5 0 4	1 3 9	4 9 0	3 2 7	4 8 7	5 9 5	4 4 7	7 4 3	4 6 4	9 3 5	4 3 1						
15	5 3 5	2 8 1	0 2	6 9 2	3 9 4		8 8 3	5 4 0	1 4 5	4 6 5	3 3 7	4 5 8	6 0 5	4 5 7	7 5 3	4 6 6	9 4 5	4 3 4						

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF NOVEMBER 1950

DAY	SURFACE			1000 MBARS		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW											
01	9.88	0.01	0.21	50.9	0.75	50.65	0.1	11.9	5.103	0.15	16.5	5.135	0.13	26.6	5.193	0.05	3.78	2.75	0.03		
02	9.86	0.05	4.054	51.1	0.74	50.03	0.39	12.0	5.027	0.35	16.8	5.052	0.29	27.2	5.095	0.24	3.89	18.1	0.11		
03	9.75	5.00	4.031	51.9	0.64	50.50	0.15	10.9	5.088	0.12	15.5	5.121	0.13	25.6	5.174	0.11	3.71	19.9	0.11		
04	9.81	0.01	0.33	51.5	0.69	50.55	0.26	14.5	5.075	0.21	16.1	5.105	0.18	26.2	5.176	0.10	3.75	27.8	0.04		
05	0.00	0.01	4.028	0.01	0.84	50.60	0.21	12.9	5.099	0.14	17.5	5.131	0.09	27.5	5.210	0.05	3.87	30.4	0.03		
06	0.02	0.03	5.039	0.39	0.02	0.86	0.42	0.26	3.1	5.054	0.20	17.9	5.073	0.09	28.2	5.117	0.17	3.98	18.0		
07	0.07	0.03	0.031	0.06	0.90	50.26	0.20	1.36	5.035	0.24	18.3	5.026	0.11	28.9	5.074	0.09	4.07	15.3	0.08		
08	0.01	0.05	5.085	0.58	0.01	0.88	0.46	0.59	1.34	5.020	0.20	18.3	5.004	0.41	28.8	5.062	0.24	4.07	14.0	0.13	
09	0.04	0.07	0.055	0.04	0.90	0.059	0.47	1.37	5.022	0.23	18.5	5.018	0.34	29.2	5.038	0.18	4.12	13.0	0.08		
10	0.01	0.04	0.049	0.01	0.87	0.065	0.22	1.34	5.049	0.20	18.3	5.016	0.12	28.9	5.055		4.08	12.5	0.05		
11	9.89	0.04	5.053	50.9	0.77	50.048	0.51	1.24	5.029	0.21	17.2	5.004	0.14	27.8	5.060	0.17	3.98	12.4	0.19		
12	9.92	0.06	1.052	50.5	0.80	0.017	0.33	1.26	5.007	0.23	17.4	5.026	0.12	27.9	5.081	0.17	3.97	15.5	0.12		
13	9.89	0.06	4.053	50.8	0.77	0.010	0.44	1.23	5.021	0.30	17.1	5.051	0.33	27.5	5.124	0.20	3.92	21.2	0.07		
14	0.13	0.05	0.036	0.11	0.96	50.31	0.29	1.4	5.036	0.12	18.9	5.069	0.10	29.1	5.139	0.07	4.07	20.1			
15	0.05	0.03	5.032	0.05	0.89	50.47	0.25	1.34	5.089	0.17	18.1	5.059		28.5	5.084		4.03	13.1			
17	0.10	0.05	5.050	0.09	0.94	0.00	0.37	1.39	5.036	0.32	18.7	5.026	0.36	29.1	5.098	0.22	4.09	15.9	0.15		
18	0.11	0.05	5.036	0.09	0.94	50.37	0.29	1.39	5.014		18.8	5.011		29.2	5.061		4.11	17.2	0.07		
19	9.99	0.05	4.048	50.1	0.85	50.003	0.27	1.31	5.005		17.9	5.026		28.3	5.092		4.01	16.6			
20	9.89	0.05	6.036	50.8	0.77	50.25	0.28	1.22	5.040	0.18	17.0	5.055	0.11	27.3	5.110	0.10	3.91	16.1	0.10		
21	9.76	0.05	6.043	51.9	0.66	50.005	0.34	1.12	5.036	0.29	15.9	5.068	0.22	26.2	5.135	0.08	3.77	21.5			
22	9.99	0.00	0.036	50.1	0.84	50.34	0.29	1.29	5.044	0.16	17.7	5.055		28.1	5.102		3.98	17.2	0.01		
24	9.92	0.04	5.047	50.6	0.79	50.06	0.37	1.25	5.029	0.17	17.3	5.049	0.20	27.6	5.125	0.15	3.92	19.9	0.01		
25	9.95	0.05	3.041	50.3	0.81	50.20	0.32	1.27	5.040	0.27	17.4	5.081	0.20	27.7	5.126	0.06	3.93	20.5	0.03		
26	9.96	0.06	5.043	50.3	0.83	50.25	0.28	1.27	5.054	0.24	17.5	5.081	0.20	27.7	5.133	0.08	3.92	22.4	0.04		
27	9.98	0.06	6.055	50.1	0.85	0.026	0.42	1.31	5.010	0.01	0.36	17.9	5.023	0.33	28.5	5.082	0.25	4.03	15.3	0.18	
28	9.65	0.06	6.055	52.9	0.57	0.030	0.52	1.04	0.005	0.47	1.52	5.025	0.41	25.7	5.081	0.30	3.75	16.2	0.16		
29	9.83	0.05	9.041	51.3	0.72	50.10	0.35	1.17	5.045	0.29	16.5	5.075	0.12	26.7	5.145	0.11	3.82	24.1	0.05		
30	9.85	0.02	4.035	51.2	0.73	50.29	0.31	1.18	5.058	0.26	16.5	5.092	0.20	26.7	5.163	0.12	3.82	21.1	0.09		
DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS		
HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
02	5.23	2.65	0.6	6.81	3.80	0.2	8.72	5.42	1.31	5.06	3.19	4.86	3.30	4.82	5.97	4.64	7.45	4.70	9.35	4.71	
03	5.05	2.70	0.6	6.60	4.26		8.51	4.62	1.22	4.55	3.15	4.39	5.86	4.50	7.35	4.51	9.26	4.66			
04	5.04	3.24	0.1	6.61	3.64		8.59	4.07	1.35	4.08	3.29	4.44	5.99	4.64	7.47	4.71	9.38	4.57			
05	5.15	3.58		6.67	4.34																
06	5.32	2.75		6.89	3.72																
07	5.42	2.40	0.8	7.01	3.62	0.4		8.82	4.95	1.41	5.09	3.30	4.82	5.97	4.64	7.45	4.70	9.35	4.71		
08	5.43	2.46	0.8	7.01	3.74	0.2		8.93	5.22	1.54	4.95	3.43	4.80	6.00	4.90	7.55	4.94	9.44	4.71		
09	5.48	2.25		7.08	3.65				5.34	1.55	4.85	3.44	4.89	6.10	5.03	7.55	5.14	9.42	5.01		
10	5.45	2.05	0.8	7.07	3.10	0.4			9.04	4.69	1.62	5.71	3.44	5.59	6.04	5.33	7.48	5.03	9.36	5.03	
11	5.54	2.15	1.0	6.94	3.39	0.5			8.91	4.66	1.52	5.04	3.39	5.10	6.01	5.01	7.47	4.92	9.35	4.99	
12	5.52	2.54	0.7	6.90	3.77	0.3			8.84	4.90	1.49	4.93	3.38	4.80	6.05	4.66	7.54	4.53	9.44	4.55	
13	5.24	3.16	0.4	6.80	3.71				8.77	4.11	1.52	4.33	3.44	4.55	6.10	5.04	7.57	4.79	9.46	4.96	
14	5.39	2.95		6.95	3.77				8.89	4.96	1.55	4.50	3.47	4.56	6.15	4.85	7.62	4.82	9.51	4.84	
15	5.39	2.42		6.97	3.69				8.91	5.02	1.57	4.36	3.49	4.52	6.18	4.76	7.65	4.89	9.51	4.84	
17	5.44	2.50	0.8	7.01	3.81	0.3			8.94	5.09	1.54	5.09	3.44	4.92	6.07	4.83	7.54	4.95	9.42	4.97	
18	5.45	2.56	0.6	7.05	3.39	0.4			9.00	4.83	1.56	5.50	3.42	5.14							
19	5.35	2.72		6.92	3.91	0.1			8.82	5.20	1.47	4.61	3.37	4.91	6.02	5.04	7.47	5.04			
20	5.25	2.68	0.5	6.82	3.99					5.22	1.35	4.59	3.27	4.53	5.98	4.64	7.46	4.61	9.37	4.68	
21	5.09	3.14		6.65	3.95				8.57	4.97	1.24	4.66	3.16	4.34	5.91	4.34	7.40	4.44	9.32	4.53	
22	5.33	2.64	0.6	6.91	3.51	0.3			8.84	5.11	1.42	5.50	3.25	5.23	5.91	4.84	7.38	4.86	9.27	4.87	
24	5.25	2.85	0.4	6.81	4.18				8.72	4.79	1.38	4.90	3.27	4.89	5.93	4.91	7.40	4.74	9.29	4.89	
25	5.25	3.01		6.80	4.23				8.70	5.33	1.34	4.66	3.25	4.65	5.92	4.83	7.40	4.58	9.30	4.73	
26	5.23	3.45	0.1	6.76	4.50				8.67	4.88	1.34	4.64	3.26	4.68	5.94	4.67	7.43	4.40			
27	5.59	2.27	0.6	6.99	3.36	0.2			8.94	5.04	1.49	5.75	3.33	5.28	5.95	4.83	7.43	4.88	9.33	4.59	
28	5.10	2.66	0.2	6.67	3.94	0.1			8.62	4.19	1.36	4.32	3.26	4.63	5.98	4.57	7.47	4.49			
29	5.12	3.45	0.2	6.65	4.20				8.59	4.28	1.32	4.55	3.24	4.55	5.95	4.41	7.46	4.20	9.39	4.26	
30	5.15	2.83	0.6	6.70	4.03	0.1			8.61	4.93	1.29	4.56	3.20	4.73	5.90	4.36	7.40	4.31	9.33	4.55	
01	5.07	3.48		6.61	4.09				8.55	4.41	1.27	4.36	3.19	4.70	5.87	4.94	7.33	4.94			

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF DECEMBER 1950

DAY	SURFACE			1000 MBARS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WWW	HHH	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW	HHH	TTT	WWW		
01	9 9 5	0 0 4	0 3 2	5 0 3	0 8 1	5 0 3 2	0 2 4	1 2 6	5 0 6 7	0 2 2	1 7 3	5 0 1	0 2 0	2 7 7	5 1 0 4	0 1 5	3 9 4	1 6 5	0 0 7		
02	9 9 6	0 0 5	0 5 5	5 0 5	0 8 5	0 0 1 2	4 2 9	5 0 0 9	0 3 9	1 7 7	5 0 2 7	0 3 8	2 8 2	5 0 8 6	0 2 7	4 0 0	1 5 0	0 1 6			
03	0 0 1	0 0 4	0 0 3 9	0 0 1	0 8 6	5 0 2 6	0 2 6	1 3 1	5 0 6 6	0 2 2	1 7 9	5 0 7 2	0 1 4	2 8 1	5 1 4 4	0 0 8	3 9 7	1 7 4			
04	0 0 5	0 0 5 1 0	0 2 5	0 0 5	0 8 9	5 0 5 4	0 2 4	1 3 3	5 0 8 3	0 2 1	1 8 0	5 0 8 9	0 1 5	2 8 3	5 1 2 3	0 0 6	3 9 9	1 9 2			
05	9 8 7	0 0 4	0 3 0 3 9	5 1 0	0 7 5	5 0 1 6	0 2 4	1 2 0	5 0 3 3	0 1 0	1 6 8	5 0 4 7	0 2 3	2 7 3	5 0 6 3	0 0 6	3 9 2	1 2 6			
06	9 7 7	0 0 2	0 4 0 3 5	5 1 6	0 6 6	5 0 3 1	0 2 4	1 1 1	5 0 6 1	0 1 5	1 5 8	5 0 8 9	0 0 6	2 6 0	5 1 7 4	0 0 4	3 7 3	2 6 4	0 0 3		
07	9 9 8	0 0 3	0 3 0 3 1	5 0 1	0 8 5	5 0 4 6	0 2 4	1 2 8	5 0 8 3	0 2 2	1 7 5	5 0 7 3	0 0 7	2 7 8	5 1 4 5	0 0 4	3 9 4	1 8 6			
09	9 6 3	0 0 5	0 6 0 5 6	5 3 0	0 5 6	0 0 4 4	5 1	1 0 2	5 0 0 4	0 4 0	1 5 0	5 0 3 8	0 3 4	2 5 4	5 0 9 9	0 2 5	3 7 1	1 8 5	0 0 4		
10	9 7 9	0 0 4	0 4 0 4 7	5 1 7	0 6 8	5 0 1 4	0 3 5	1 1 4	5 0 3 9	0 3 1	1 6 1	5 0 6 0	0 2 8	2 6 5	5 1 1 5	0 1 6	3 8 1	2 0 3			
12	0 0 6	0 0 3	0 5 0 2 5	0 0 5	0 9 0	5 0 4 5	0 1 9	1 3 4	5 0 7 9	0 1 4	1 8 1	5 0 8 5	0 1 1	2 8 4	5 1 1 8	0 1 2	4 0 1	1 7 4	0 0 9		
13	0 0 7	0 0 5	0 4 0 4 7	0 0 6	0 9 2	0 0 5	0 3 9	1 3 7	5 0 1 6	0 3 6	1 8 6	5 0 4 0	0 3 1	2 9 0	5 1 0 2	0 2 1	4 0 7	1 7 5	0 1 1		
14	0 0 8	0 0 6	0 9 0 5 1	0 0 7	0 9 3	0 0 1 3	0 3 2	1 3 9	5 0 1 2	0 1 1	1 8 7	5 0 1 1	0 1 9	2 9 5	5 0 5 9	0 1 7	4 1 3	1 0 4	0 1 6		
15	9 8 2	0 0 8	2 0 6 5 5	5 1 4	0 7 2	0 0 5 0	0 5 8	1 1 9	5 0 4 1	0 5 4	1 6 8	5 0 3 7	0 6 1	2 7 6	5 0 1 1	0 5 6	3 9 7	0 5 8	0 4 0		
16	9 9 4	0 0 5	3 0 4 0	5 0 4	0 8 1	5 0 1 3	0 3 4	1 2 6	5 0 1 5	0 1 7	1 7 5	5 0 1 8	0 1 1	2 8 0	5 0 6 2	0 1 2	3 9 9	1 1 8	0 1 0		
17	0 0 0	0 0 5	0 0 4 4	0 0 1	0 8 6	5 0 0 4	0 2 9	1 5 1	5 0 3 5	0 2 7	1 7 9	5 0 5 0	0 1 6	2 8 5	5 1 0 5	0 0 5	4 0 0	1 5 6	0 0 5		
18	0 0 3	0 0 5	6 0 5 5	0 0 5	0 8 8	5 0 1 8	0 2 6	1 2 2	5 0 8 8	0 6 8	1 7 3	5 0 1 0	0 3 6	2 8 2	5 0 0 6	0 3 6	4 0 4	0 7 1	0 3 2		
19	9 8 5	0 0 7	2 0 6 4	5 1 2	0 7 5	0 0 7 0	0 6 8	1 2 2	5 0 8 8	0 6 8	1 7 3	5 0 1 0	0 9	2 8 0	5 1 4 7	0 0 5	4 0 0	1 7 6	0 0 7		
20	9 8 1	0 0 5	6 0 3 9	5 1 5	0 7 0	5 0 0 8	0 3 0	1 1 6	5 0 3 9	0 2 7	1 6 3	5 0 7 1	0 2 3	2 6 6	5 1 1 9	0 1 5	3 8 2	2 1 0	0 0 6		
21	9 9 4	0 0 4	9 0 5 7	5 0 4	0 8 2	0 0 4 5	5 6	1 2 8	5 0 2 0	0 4 9	1 7 7	5 0 1 5	0 5 0	2 8 5	5 0 2 4	0 2 4	4 0 6	0 9 0	0 2 4		
22	9 9 9	0 0 6	6 0 5 3	5 0 0	0 8 5	0 0 4 5	5 8	1 3 1	5 0 0 2	0 4 0	1 8 0	5 0 1 6	0 4 0	2 8 5	5 0 6 2	0 3 2	4 0 4	1 1 9	0 2 4		
23	0 0 9	0 0 4	5 0 3 9	0 0 8	0 9 3	5 0 2 6	0 2 6	1 3 7	5 0 6 4	0 2 2	1 8 5	5 0 9 1	0 2 1	2 8 7	5 1 3 5	0 0 4	4 0 4	1 6 2	0 1 0		
23	0 0 7	0 0 5	1 0 4 6	0 0 6	0 9 1	5 0 0 1	0 4 0	1 3 7	5 0 2 4	0 3 8	1 8 5	5 0 4 2	0 3 5	2 8 9	5 1 0 7	0 2 2	4 0 5	1 9 2	0 1 1		
24	0 0 6	0 0 5	4 0 3 8	0 0 5	0 9 0	5 0 0 3	0 2 4	1 3 6	5 0 2 7	0 1 4	1 8 4	5 0 4 6	0 1 8	2 8 9	5 0 5 5	0 1 9	4 0 6	1 3 7	0 1 8		
25	0 0 9	0 0 4	7 0 4 1	0 0 8	0 9 3	0 0 3 4	0 2 1	1 3 9	5 0 0 1	0 1 7	1 8 6	5 0 1 5	0 2 5	2 9 4	5 0 5 5	0 3 2	4 1 4	1 0 8	0 2 5		
26	0 0 5	0 0 6	6 0 5 1	0 0 3	0 8 8	5 0 1 0	0 3 6	1 3 4	5 0 2 4	0 3 0	1 8 2	5 0 3 3	0 1 0	2 8 7	5 0 5 4	0 1 8	4 0 6	1 2 9	0 1 0		
27	9 9 2	0 0 4	1 0 3 6	5 0 6	0 7 9	5 0 3 1	0 2 6	1 2 4	5 0 6 9	0 1 9	1 7 1	5 1 0 1	0 1 8	2 7 4	5 1 2 6	0 0 5	3 9 0	1 7 9	0 0 6		
28	0 0 4	0 0 4	3 0 3 2	0 0 4	0 8 9	5 0 2 0	0 2 1	1 3 4	5 0 2 0	0 1 1	1 8 2	5 0 4 1	0 2 6	2 8 7	5 0 5 1	0 1 5	4 0 7	1 2 8	0 1 6		
29	0 0 7	0 0 6	7 0 5 3	0 0 5	0 9 3	5 0 2 6	0 4 8	1 3 9	5 0 3 7	0 3 8	1 8 8	5 0 2 0	0 2 5	2 9 5	5 0 2 8	0 1 3	4 1 6	0 8 4	0 0 9		
29	0 0 6	0 0 6	3 0 5 0	0 0 5	0 9 1	0 0 3 6	0 5 1	1 3 8	5 0 3 0	0 4 8	1 8 7	5 0 1 5	0 4 3	2 9 3	5 0 3 1	0 2 6	4 1 1	0 8 8	0 3 2		
30	0 0 1	0 0 6	8 0 5 5	0 0 1	0 8 7	5 0 4 2	0 5 4	1 3 4	5 0 3 0	0 4 1	1 8 3	5 0 0 8	0 4 6	2 9 0	5 0 2 5	0 4 4	4 1 1	0 8 8	0 3 2		
31	0 0 5	0 0 6	2 0 4 1	0 0 5	0 8 9	5 0 2 9	0 3 1	1 3 5	5 0 3 6	0 3 1	1 8 2	5 0 6 0	0 1 9	2 8 5	5 1 0 6	0 4 2	4 0 2	1 7 0			

DAY	500 MILLIBARS			400 MILLIBARS			300 MILLIBARS			200 MILLIBARS			150 MILLIBARS			100 MILLIBARS			80 MILLIBARS			60 MILLIBARS				
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW		
01	5 2 9	2 6 4	0 3	6 8 6	3 8 6	0 1	8 7 8	5 1 6	1 4 2	4 8 8	3 3 0	4 8 9	6 0 4	5 0 0	5 1 3	7 4 1	4 9 3	9 3 1	4 7 7							
02	5 3 5	2 4 3	0 8	6 9 4	3 5 5	0 2	8 8 8	5 0 5	1 5 1	4 8 5	3 4 0	4 9 6	6 0 4	5 0 0	5 1 3											
03	5 3 1	2 5 6		6 9 0	3 5 4		8 8 4	4 7 4																		
04	5 3 2	2 8 8		6 9 1	3 5 7		8 8 5	5 0 3																		
05	5 3 0	2 0 4	0 6	6 9 2	2 9 7	0 4	8 9 1	4 4 3	1 5 0	5 8 0	3 3 4	5 2 9	5 9 6	5 1 3	7 4 1	4 9 3	9 3 1	4 7 7								
06	5 0 2	3 7 4	0 2	6 5 3	4 4 2		8 4 5	4 5 7	1 1 8	4 1 8	3 1 2	4 2 0	5 8 7	4 2 1												
07																										
09	5 0 6	2 5 0		6 6 4	3 6 6		8 5 9	4 4 9	1 3 1	4 2 7	3 2 4	4 4 5	5 4 4	4 8 6	7 4 0	4 8 1	9 2 9	4 7 4								
10	5 1 3	3 0 6		6 6 7	4 1 6		8 5 7	5 1 6	1 2 5	4 4 0	3 1 8	4 4 5	5 8 8	4 7 2	7 3 5	4 8 1										
12	5 3 5	2 4 6	0 7	6 9 3	3 7 1	0 1	8 8 6	5 0 6	1 4 5	5 2 4	3 3 2	4 9 6	5 9 7	4 9 4	7 4 3	4 8 0	9 3 2	4 8 3								
13	5 4 1	2 7 4	0 7	6 9 8	3 9 4	0 2	8 8 8	5 3 6	1 5 1	4 7 7	3 4 0	4 8 4	6 0 6	5 0 6	7 5 1	4 8 4	9 4 1	4 7 1								
15	5 3 8	1 4 5	1 9	7 0 4	2 4 6	0 8	9 0 7	4 0 4	1 7 0	6 1 1	3 5 4	5 1 4	6 2 0	5 0 1	7 6 6	4 8 7	9 5 5	4 9 4								
16	5 3 7	2 1 0	0 7	6 9 7	3 2 4	0 1	8 9 4	4 7 6	1 6 1	4 5 1	3 5 4	4 8 7	6 1 9	4 9 0	7 6 5	4 8 6	9 5 5	4 7 5								
17	5 3 5	2 6 1	0 5	6 9 3	3 7 8	0 1	8 8 4	5 3 0	1 4 5	4 6 5	3 5 9	4 5 9	6 0 8	4 7 6	7 5 6	4 7 4	9 4 6	4 7 3								
18	5 3 4	2 7 5	0 4	6 9 0	4 0 5		8 7 9	5 2 1	1																	

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND 1950
TROPOPAUSE

JANUARY				FEBRUARY				MARCH				APRIL							
DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE
02	1094	222	588	1	02	691	387	467	1	05	1007	245	502	2	01	953	268	577	1
03	816	325	472	1	03					06	830	322	532	2	02				
13	1081	232	593	1	04	719	373	467	2	07	737	367	486	1	04				
15	1400	138	515	1	05	819	323	523	1	09	814	330	520	1	05				
16	989	256	580	1	06	871	300	508	1	10	918	278	556	1	06				
17					07	671	400	427	1	11					07	1206	189	667	1
18					08	1042	237	520	1	14	986	260	539	1	08	1036	238	622	1
20	1428	134	575	1	09	1047	237	634	1	15					09	870	300	521	1
21	988	262	525	1	10					16	875	300	480	1	10	713	371	466	1
22					11	880	293	517	1	17	1265	163	474	1	12	1361	150	532	1
23	894	300	518	1	12	912	283	547	1	18					13	978	260	570	1
24	1046	238	560	1	13	852	317	448	1	19	1119	216	640	1	14	1037	238	616	1
25	1083	231	584	1	14	1019	247	534	1	20	1001	257	583	2	15	1010	247	520	1
26					15	1020	244	600	1	21					16	951	272	515	2
27	975	266	557	1	16	815	325	445	1	24	1221	185	612	1	17	980	260	549	1
28	1505	120	553	1	17	1038	242	602	1	26	1004	255	580	1	18	1000	252	596	1
29	1182	200	617	1	18	1044	243	578	2	27					19	1033	243	620	1
30	900	288	558	1	19	1351	150	564	2	28	1272	172	608	1	20	1124	210	645	1
31	988	257	516	1	20	1068	286	567	1						21	1009	250	612	1
					21	1327	150	503	1						22	980	260	560	1
					22	754	355	480	1						23	1121	215	655	1
					23	998	250	568	1						24	1044	240	619	1
					24	925	282	523	1						25				
					25	1045	240	587	1						26	980	260	508	1
					26	946	273	486	1						27	1036	244	607	1
					27	1386	157	535	1						28	1619	100	630	1
					28	717	372	483	2						29	1127	216	616	1
															30	1046	236	604	1
MAY				TYPE	JUNE				TYPE	JULY				TYPE	AUGUST				
DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE
01	1152	200	623	1	01	966	256	588	1	01	1120	209	648	1	01	942	272	603	2
02	1153	200	626	1	02	847	300	554	1	02					02	1554	100	633	2
03	1045	232	603	1	03	843	300	567	1	03	1052	232	697	1	03	1703	080	586	2
04					04	770	333	496	2	04	1084	221	659	1	04	988	245	636	1
05	1020	243	584	1	05	680	374	503	2	05	1578	100	604	2	05	956	254	574	1
06					06	755	339	502	1	06	1564	100	638	1	06	939	266	639	1
08	1039	239	606	1	07	1605	094	470	1	07	1094	243	654	1	07	1008	245	561	1
09	937	272	478	2	08	1200	181	535	1	08	971	258	526	1	08	1367	137	610	1
10	1145	205	632	1	09	963	257	558	1	09	945	267	589	1	09	1060	225	603	1
11	1154	200	587	1	10	938	265	463	1	10	1472	217	643	1	10	1339	200	695	1
12	1168	200	671	1	11	1071	228	657	1	11	1013	246	503	2	11	1499	100	608	1
13	1043	241	615	1	12					12	1231	168	530	2	12	985	254	635	1
14	1115	213	677	1	13	971	257	591	1	13	1019	243	594	1	13	1316	150	563	2
16	1358	150	580	1	15	850	306	512	2	14	1080	110	570	1	15	1318	150	551	1
17	1249	176	665	1	16	1026	242	671	1	15	771	342	574	1	16	1012	248	663	1
18	1242	180	705	1	17	950	221	597	2	16	1155	200	713	1	17	1209	176	726	1
19	1169	200	633	2	18	1173	197	680	1	17	1271	167	767	1	18	1011	237	657	1
21					19	1086	220	605	1	18	1895	060	691	2	19	1008	237	694	1
22	1021	242	615	1	20					20	1588	100	612	1	20				
23	1005	246	601	1	22	1089	221	705	1	21	1634	091	595	1	21	921	267	628	1
24	1144	200	571	1	23	1079	225	661	1	21	8855	292	576	1	23	966	259	602	1
25	1164	195	577	1	24	1544	108	579	1	22	9000	283	587	1	24	1127	206	730	1
26	990	252	597	1	25	1025	246	585	2	23	992	250	571	1	25				
28	1122	210	530	1	27	1865	065	605	1	24	1157	190	599	1	26	1584	100	564	2
30	900	286	569	1	28	1058	235	616	1	25	1033	232	630	1	26	1851	066	571	1
					29	1189	187	588	1	26	1101	209	681	1	27	1122	209	675	1
					30	1450	120	592	1	28	1109	212	689	2	29	1089	217	679	2
										29					30	1143	200	681	1
SEPTEMBER				TYPE	OCTOBER				TYPE	NOVEMBER				TYPE	DECEMBER				
DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE
01	1116	209	695	1	01	959	258	451	1	02	962	260	602	1	01	921	280	530	1
02	1027	232	631	2	02					03	781	334	483	1	02	956	270	556	1
03	1016	240	650	2	03	1038	237	568	1	04					03	979	259	514	1
04	1512	109	634	1	04	1199	192	648	1	05	1051	230	585	1	05	1119	210	599	1
05	991	250	594	2	05	1504	118	511	1	06	1055	230	585	1	06				
06					06	1282	162	451	1	07	891	300	534	1	07				
07					07	877	300	548	1	08	995	259	583	1	08				
08	949	258	528	1	08	922	275	541	1	09	995	259	583	1	09	821	315	454	2
09	1016	231	693	1	09	1081	221	646	1	10	1100	222	601	1	10	869	294	519	1
10	661	400	514	2	10	1135	204	505	1	11	966	264	507	1	11	1045	235	576	1
11	1011	241	640	1	12	1753	080	462	1	13	965	266	532	1	15	1170	200	611	1
13	1071	223	698	1	14	815	328	497	2	16	972	264	525	1	16	1459	130	516	1
14	1193	184	625	1	15	1444	127	485	2	17	996	255	578	1	17	952	269		

RESULTS OF PILOT BALLOON OBSERVATIONS AT HEARD ISLAND YEAR 1950												
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES		
JAN	02	0 0	21 18	21 12	20 10							
JAN	02	1 1	23 0 8	23 1 3	24 1 1	27 1 0						
JAN	04	0 2	19 0 1	19 0 5	14 0 3	19 0 9	23 1 3	23 1 1	27 1 1			
JAN	04	0 5	35 0 3	36 0 7	02 0 6	34 0 3	28 0 5	27 0 4				
JAN	04	1 0	35 0 4									
JAN	04	1 1	34 0 5	34 0 7	31 1 6	32 0 8	31 0 7	29 0 7	30 1 9			
JAN	05	0 9	24 0 7	22 0 8	24 0 7							
JAN	07	0 0	20 1 9	20 1 9	20 2 8	20 3 2						
JAN	07	0 6	21 2 2	21 2 5	21 3 1							
JAN	08	0 5	21 2 5									
JAN	08	0 5	21 2 5	21 2 5	21 3 3	22 2 7						
JAN	09	1 1	22 1 5	21 1 3	23 2 2							
JAN	13	0 1	29 1 5	28 1 9	27 1 4	27 2 0						
JAN	13	0 6	30 1 7	30 1 5	29 1 9	27 1 7						
JAN	15	0 0	28 1 8	27 1 2	25 3 2	26 3 2						
JAN	15	0 6	30 0 7	28 0 4	27 0 7	27 1 0						
JAN	16	1 1	21 0 7	21 0 8	19 1 1	19 1 3	20 1 8					
JAN	16	1 5	24 1 0									
JAN	17	0 0	0 0 0	0 3 0 4	0 5 0 6	0 6 1 0	0 2 0 9					
JAN	17	0 5	0 5 2 1	0 6 2 6	0 5 0 7	0 7 3 5	0 7 2 8	0 7 0 7	3 4 0 8	3 6 1 6		
JAN	17	1 1	0 8 2 0	0 8 2 3	0 7 1 6	0 7 4 1						
JAN	17	1 7	1 9 0 5	2 3 0 7	2 3 0 7	2 2 0 3	0 9 0 9	0 3 0 8	3 4 0 3			
JAN	18	1 1	20 2 0	20 2 2	20 3 0	18 1 8	19 1 4	20 4 3				
JAN	18	1 7	0 0 0 0	0 4 0 4	0 4 0 6	0 2 0 7	3 6 0 4	1 5 1 3	2 0 4 4	2 0 1 7		
JAN	19	0 0	0 7 2 0	0 7 2 2	0 7 2 3	0 8 2 5	0 8 2 5	0 6 1 6				
JAN	19	0 5	0 8 3 2	0 7 1 7	0 7 2 6							
JAN	23	0 2	3 4 0 9	3 5 1 0	3 3 1 7							
JAN	24	0 6	2 1 2 0	2 1 1 5	2 1 2 2	2 1 3 2	2 1 3 6	2 1 5 5				
JAN	25	0 5	2 0 2 0	2 0 2 0	2 0 2 7	2 1 2 7						
JAN	25	0 7	2 3 2 3	2 3 2 6	2 2 4 5							
JAN	25	1 1	2 3 1 0	2 3 1 8	2 3 2 1							
JAN	25	1 8	2 1 1 7	2 1 2 0	2 1 2 3	2 1 4 6	2 1 3 2	2 3 1 5	2 2 1 7			
JAN	26	1 1	0 2 0 5	3 6 0 5	0 1 1 2	0 2 1 5						
JAN	27	0 2	2 4 1 6	2 4 1 8	2 3 1 7							
JAN	27	0 8	3 4 0 2									
JAN	27	0 9	2 2 2 2	2 1 1 3	2 1 1 4	2 2 1 2	2 5 1 0					
JAN	27	1 0	2 2 2 0	2 2 2 2	2 2 2 5	2 1 2 9	1 6 0 3	2 5 1 1	2 3 1 9	3 0 5 2		
JAN	28	0 6	2 8 1 6	2 9 1 8	2 7 1 8	2 7 3 4						
JAN	29	0 0	0 0 0 0	0 1 0 3	2 4 0 3	2 9 1 3	3 0 1 8	3 0 2 8	2 9 3 5			
JAN	31	0 6	3 4 0 4	3 3 0 9	3 2 1 5	3 5 0 7						
FEB	0 1	2 4	3 0 1 0	2 9 1 6	2 9 3 8	2 9 2 8						
FEB	0 3	2 4	2 3 1 9	2 4 2 1	2 3 2 7	2 3 2 1						
FEB	0 8	2 4	1 9 1 2	1 8 1 3								
FEB	1 0	0 2	2 0 2 6	2 0 2 3	2 0 2 4	2 1 3 5	2 0 3 5					
FEB	1 0	0 5	2 3 2 2	2 3 2 4	2 2 3 1	2 1 2 7	2 1 2 0	2 2 3 2				
FEB	1 0	1 1	2 2 1 0	2 4 0 8	2 7 0 8							
FEB	1 9	0 5	2 3 2 6	2 3 2 7	2 3 3 0	2 3 4 6	2 2 5 1	2 3 4 4				
FEB	1 9	1 0	2 2 2 7	2 3 2 7	2 3 3 0	2 2 3 2	2 2 2 0	2 3 3 9	2 4 6 4	2 4 5 0		
FEB	2 3	0 9	0 0 0 0	2 3 0 2	3 0 0 3	0 0 0 0	1 6 0 1					
FEB	2 5	0 1	0 9 0 5	1 4 0 2	1 2 0 4	3 5 0 4	1 6 1 0	1 1 1 7	1 0 2 4	0 8 1 6		
FEB	2 5	0 6	0 0 0 0	2 4 0 3	2 4 0 4	1 0 1 1	0 9 2 8	1 0 2 7	0 8 2 6	0 8 2 2		
FEB	2 5	1 1	0 8 1 0	0 7 0 6	0 4 0 2	0 7 0 5	0 9 2 6	1 0 2 4	0 9 2 7	1 0 3 4		
FEB	2 5	1 7	0 9 3 0	0 8 2 6	0 7 2 0	0 8 3 2	0 8 4 2	0 8 3 1	0 8 2 3	0 8 3 5		
FEB	2 5	2 4	0 8 2 2	0 8 1 9	0 8 1 9	0 7 1 8	0 7 1 8					
FEB	2 6	0 5	0 7 2 0	0 6 2 1	0 6 2 1	0 6 3 1						
MAR	0 2	0 1	2 2 2 3	2 1 2 0	2 1 2 4							
MAR	0 2	0 5	2 2 1 8	2 1 1 5	2 1 1 9							
MAR	0 2	1 1	2 2 1 5	2 0 1 6	1 9 2 1	1 8 2 9	1 6 4 3	1 6 3 8	1 6 0 1	1 4 0 5		
MAR	0 2	1 7	0 0 0 0	2 0 0 4	1 6 0 3	1 6 0 2	1 9 0 4		2 4 0 1			
MAR	0 3	0 1	0 0 0 0		2 2 0 3	3 3 0 1	0 4 0 2	2 0 0 4				
MAR	0 3	0 5	0 0 0 0	3 5 0 2	0 4 0 3							
MAR	0 3	1 1	3 3 0 6	3 3 0 6	3 3 0 6	2 6 0 1	3 5 0 1					
MAR	0 3	1 7	0 0 0 0	0 6 0 2	0 6 0 1	0 1 0 3						
MAR	0 4	0 1	3 5 0 7	0 1 0 6	3 5 0 8	3 5 1 4						
MAR	0 4	0 5	0 1 1 0	0 1 0 9	0 1 1 2							
MAR	0 5	1 1	2 9 1 9	2 9 1 8	2 8 2 0							
MAR	0 9	1 7	2 2 2 2	2 2 2 2	2 3 1 8							
MAR	1 0	0 5	0 3 1 3	0 4 1 0	0 2 1 6							
MAR	1 1	1 1	2 2 2 2	2 1 2 2	2 1 2 0	2 0 2 3	2 1 2 7					
MAR	1 2	0 5	1 8 2 2	1 8 1 7	1 8 2 2	1 8 4 8	1 7 9 2					
MAR	1 2	1 1	1 9 3 2	1 9 3 3	1 9 3 6	1 9 5 0						
MAR	1 3	0 1	2 1 2 2	2 0 2 0	2 0 2 5	2 0 2 5	2 0 2 7	1 8 1 7				
MAR	1 3	0 5	2 3 1 6	2 4 1 9	2 4 1 8	2 5 1 3						
MAR	1 4	0 1	2 2 2 3	2 3 1 9	2 3 2 4							
MAR	1 4	0 5	2 2 1 1	2 4 0 6	2 5 0 9							
MAR	1 4	1 2	2 7 1 6	2 7 0 9	2 7 0 9	2 6 1 1	2 7 1 5					

RESULTS OF PILOT BALLOON OBSERVATIONS AT HEARD ISLAND YEAR 1950											
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES	
MAR	16	12	23	40	21	25	22	50	22	73	22
MAR	17	01	26	32	23	28	22	33			
MAR	17	05	27	23	28	13	26	25			
MAR	18	05	25	08	25	10	22	11	22	17	23
MAR	18	12	18	22	19	25	19	38	19	42	18
MAR	19	01	22	22	20	19	21	30	21	34	21
MAR	22	11	22	10	24	08	24	15			
MAR	24	05	23	15	23	15	23	30	23	44	
MAR	25	17	36	05	35	10	32	05	32	06	
MAR	26	05	26	05	25	05	27	06			
MAR	30	05	22	17	23	19	22	21	22	28	22
MAR	31	05	28	14	28	17	28	13	26	24	26
MAR	31	11	26	15	27	21	26	13			19
MAR	31	17	27	08	27	10	26	19	25	16	25
MAR	APR	01	05	26	10	26	19	26	16	24	24
MAR	06	11	28	20	28	09	27	25			
MAR	06	17	29	14	28	13	27	14	26	20	27
MAR	07	05	00	00	33	07	32	07	33	04	
MAR	07	11	08	03	08	10	05	09	36	10	
MAR	10	11	22	25	24	20	23	41	23	64	24
MAR	11	11	20	17	19	22	19	26	18	28	18
MAR	11	17	20	12	18	18	19	11	20	20	11
MAR	12	02	00	00	19	06	22	07	25	06	07
MAR	12	05	00	00	02	04	01	06	01	05	07
MAR	12	11	02	12	02	18	02	27			
MAR	13	11	23	32	21	22	22	34	22	34	22
MAR	14	11	26	12	26	30	26	36	25	59	26
MAR	15	05	27	10	27	08	23	10			
MAR	17	11	22	30	23	28	22	31	22	38	
MAR	18	02	21	15	21	17	21	16			
MAR	18	05	23	17	23	21	23	24	23	22	22
MAR	19	01	04	05	05	14	04	16			
MAR	20	02	19	25	19	22	19	41	19	41	17
MAR	20	11	27	09	29	08	26	10	24	09	
MAR	21	05	23	23	23	23	23	31	22	24	
MAR	21	11	23	17	24	15	24	13			
MAR	23	02	23	18	23	16	23	26	22	24	22
MAR	23	06	29	05	22	09	24	13	23	09	26
MAR	23	08	36	09	35	09	33	09	33	06	31
MAR	25	02	28	23	24	27					08
MAR	25	11	27	24	25	22					
MAR	26	11	23	27	23	39	23	43			
MAR	27	05	23	17	23	26	23	19	24	25	
MAR	29	06	20	22	20	21	20	26	21	15	22
MAR	30	04	28	04	27	12	27	09	27	18	26
MAR	30	11	00	00	32	09	33	12	33	18	16
MAY	02	11	24	20	25	11	25	09	24	32	
MAY	03	05	00	00	32	07	32	06	33	04	25
MAY	05	02	20	20	19	22	19	30	19	26	30
MAY	05	11	22	10	22	19	22	20			32
MAY	05	17	32	05	31	17	31	19	29	15	30
MAY	07	11	22	02	22	10	22	07	28	11	22
MAY	08	05	28	05	26	09	26	23	25	27	
MAY	08	11	29	10	29	13	29	21	29	14	
MAY	09	05	26	15	24	09					
MAY	09	11	27	13	28	09	26	22	76	07	25
MAY	10	02	22	18	23	24	22	27			49
MAY	10	05	25	02	25	06	26	06	28	16	
MAY	11	05	20	30	20	30	19	37	20	42	20
MAY	11	11	19	20	19	20	20	28	21	48	22
MAY	11	15	22	07	22	18	22	14	24	19	
MAY	12	05	24	12	24	10	28	12	26	32	
MAY	13	05	29	20	27	17	26	17			
MAY	13	11	26	20	24	13	23	26	24	48	
MAY	14	05	26	08	25	09	25	27			
MAY	14	11	22	25	21	31	21	45	21	43	
MAY	15	05	24	26	23	28	24	57	24	37	
MAY	15	11	24	28	23	38	23	27	23	40	
MAY	16	05	19	16	18	14	19	26	20	46	21
MAY	16	10	21	18	21	16	21	18	22	27	
MAY	17	05	22	26	20	33	20	49			
MAY	17	11	21	25	20	29	20	40	20	50	20
MAY	17	17	22	05	19	14	20	16	20	14	17
MAY	18	05	27	22	26	18					
MAY	18	11	26	25	26	11	24	17	24	28	
MAY	19	11	28	12	27	13	27	25	26	44	38

RESULTS OF PILOT BALLOON OBSERVATIONS AT HEARD ISLAND YEAR 1950												
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES		
MAY	20	0 5	27 10	28 14	28 24	29 16	29 19	29 23	29 30			
MAY	20	1 1	30 08	28 14	28 19	29 16	29 19	29 23	29 30			
MAY	21	0 5	28 12	26 13	25 23							
MAY	21	1 1	27 16	27 21	25 40	25 19						
MAY	21	1 4	28 10	26 07	27 14	26 29						
MAY	22	0 5	29 17	28 15	27 21	26 32						
MAY	22	1 1	29 10	29 27	27 31	27 41	26 43					
MAY	22	1 7	00 00	24 12	23 16	24 16	24 15	24 16	25 17	26 30		
MAY	23	0 5	22 02	20 04	21 05	30 04	09 03	14 06	14 02	15 03		
MAY	23	1 0	00 00	10 02	13 02	00 00	04 06	36 06	32 05	02 03		
MAY	23	1 7	00 00	36 04	36 04	36 03	34 09					
MAY	24	0 5	13 05	14 06	15 07	17 14	15 06	24 02	01 07	35 02		
MAY	24	1 1	34 03	32 09	33 10	31 03	31 05	34 07	35 08	34 12		
MAY	24	1 7	34 14	35 12	34 08	34 08	19 06	19 04	12 14	11 21		
MAY	25	0 0	00 00	29 03	26 02	33 02	02 06	32 04				
MAY	25	0 6	36 10	36 15	36 12	35 17	35 19	00 00	20 10	22 15		
MAY	25	0 8	32 10	33 06	31 02	35 07	34 12	36 07	07 11	11 20		
MAY	25	1 7	00 00	36 04	34 05	27 14	32 03					
MAY	26	0 6	20 07	26 06	27 27	06 42						
MAY	29	0 5	00 00	16 05								
MAY	30	0 5	00 00	00 00	30 02	30 03	30 02					
MAY	31	0 5	19 23	20 38	20 38							
MAY	31	1 7	00 00	07 04	03 05							
JUN	0 2	0 6	29 12	27 11	28 08							
JUN	0 2	1 1	28 13	28 14	29 17	29 36						
JUN	0 2	1 7	28 10	28 13	28 14	27 17	26 10	25 10	28 16	28 19		
JUN	0 3	0 5	00 00	25 07	24 11	24 17	24 16					
JUN	0 3	1 1	27 12	26 26	24 23	25 28						
JUN	0 4	0 5	30 10	28 10	27 13	26 19						
JUN	0 6	1 1	29 18	30 28	30 28	26 11						
JUN	0 7	0 5	20 22	19 19	19 34	19 47						
JUN	0 8	0 5	22 16	22 16	22 23	23 24						
JUN	0 8	1 1	20 10	19 15	19 16	22 19						
JUN	0 8	1 7	00 00	00 00	00 00	29 03	27 10	26 10	26 10	25 11		
JUN	1 0	0 5	00 00	05 13	01 11	01 13						
JUN	1 0	1 1	27 16	27 08								
JUN	1 1	1 1	27 12	26 16	24 16	25 21	25 26					
JUN	1 1	1 7	26 02	27 06	26 09	25 10	23 09	25 11				
JUN	1 2	0 5	00 00	21 08	22 10	23 12	23 12	23 14	25 16	23 16		
JUN	1 2	1 1	24 04	19 08	23 05	25 18						
JUN	1 2	1 7	23 04	23 10	23 12	24 16						
JUN	1 4	0 5	26 08	25 10	25 12	23 23	24 24					
JUN	1 4	1 1	22 07	23 07	24 09	24 15	25 18					
JUN	1 4	1 7	23 10	23 11	23 12	23 18	23 20	23 21				
JUN	1 5	0 5	23 04	22 08	22 07	24 13	24 16	25 20	25 23	26 22		
JUN	1 5	1 1	22 05	21 12	21 14	22 13	23 15	23 16	23 20	24 19		
JUN	1 5	1 7	04 04	03 10	03 13	02 10	02 14	01 17	36 16	34 18		
JUN	1 7	0 5	31 07	31 09	30 10	30 15						
JUN	1 7	1 1	31 10	32 18	32 19	31 15						
JUN	1 8	0 1	29 03	26 13	26 14	26 20	26 15					
JUN	1 8	0 5	26 04	23 12	24 15	24 14	24 12	24 12	24 13			
JUN	1 8	1 1	22 03	22 09	22 09	21 10						
JUN	1 8	1 7	19 10	19 22	19 26	18 27	18 24	18 26	18 26	18 25		
JUN	2 0	0 5	22 36	20 23	20 31							
JUN	2 0	1 1	22 22	20 23	21 19	21 27	21 24	22 25				
JUN	2 0	1 7	00 00	27 06	28 04	30 08	29 10					
JUN	2 3	0 0	23 04		23 14	24 11	22 11					
JUN	2 3	0 5	29 10	23 07	25 17							
JUN	2 3	1 1	27 12	23 21	23 23	24 23						
JUN	2 3	1 7	26 04	26 05	25 08							
JUN	2 5	2 3	07 02	22 10	24 09	24 14	24 17	24 18				
JUN	2 6	0 5	22 14	22 17	22 20	22 25	20 08					
JUN	2 6	1 7	20 10	19 13	19 16	19 23						
JUN	2 7	0 1	20 06	18 14	19 16							
JUN	2 7	0 5	21 12	21 14	21 17	21 17						
JUN	2 7	1 1	20 12	19 19	20 18	22 27						
JUN	2 8	0 1	25 18	22 12	21 13	22 08						
JUN	2 8	0 5	22 05	22 07	21 08	18 05	14 04					
JUN	2 8	1 1	09 15	08 16	06 15	05 39						
JUN	3 0	0 8	21 32	20 32	19 32	19 36	19 27	17 19	17 17	18 31		
JUN	3 0	1 1	21 34	19 27								
JUL	0 2	0 5	23 20	20 23	21 38	22 24	23 27	22 43				
JUL	0 3	0 6	24 20	21 26	22 27							
JUL	0 3	1 7	26 14	24 18	21 20							
JUL	0 4	0 5	00 00	35 04	16 02	28 13	28 23	28 22	28 26			

RESULTS OF PILOT BALLOON OBSERVATIONS AT HEARD ISLAND YEAR 1950													
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES			
JL	04	23	24 10	21 12	27 08	28 12	27 27	27 30	27 29	27 23			
JL	06	05	28 15	28 18	27 28	25 47							
JL	06	11	22 12	24 14	24 30	24 45	24 44						
JL	07	05	24 15	21 16	21 25								
JL	08	05	29 18	27 15	28 40	23 13							
JL	09	05	29 15	29 12	27 20	26 47							
JL	09	11	29 25	28 18	27 29	27 33							
JL	10	05	28 25	27 20	27 76								
JL	10	17	28 12	27 08	25 19	24 26							
JL	11	05	20 24		18 50	19 42	19 44						
JL	12	05	29 20	28 29	27 67	27 33							
JL	12	11	24 06	27 07	24 11								
JL	13	05	23 18	21 21	20 17	21 31	21 43						
JL	13	17	23 12	19 24	20 24	22 15	22 08	21 34	22 48				
JL	14	17											
JL	15	05	24 10	23 16									
JL	15	23	25 05	24 08	25 07	26 06							
JL	16	11	25 05	25 08	28 09								
JL	17	05	30 30	28 83	27 87	14 18	25 33						
JL	17	11	31 28	29 27									
JL	18	05	28 20	26 09	24 24	24 40	24 44						
JL	18	11	25 21	23 18	24 25								
JL	18	17	00 00	00 00	23 02	24 06	24 05	26 10	27 09	26 12			
JL	20	05	24 36	23 25	23 35	22 35							
JL	20	11	29 22	27 17	26 12	25 30	25 33						
JL	21	11	29 16	27 22	26 39	25 60	25 67						
JL	21	17	29 12	28 11	27 22	27 33	27 23	26 29					
JL	21	24	02 10	01 20	01 19	34 18	33 27						
JL	22	11	29 26	30 19									
JL	23	05	30 23	26 17	25 10								
JL	24	05	30 07	29 10	28 16	27 14							
JL	25	17	04 10	02 10	02 13	01 18							
JL	27	05	09 02	04 07	36 08								
JL	28	11	29 35	29 23	27 21								
JL	29	05	29 30	29 28									
JL	29	11	30 26	29 17	28 26	26 33	26 49	26 46					
JL	29	17	29 16	29 11	27 12	27 23	25 26	26 28	26 35	28 33			
JL	30	05	31 10	29 18	26 49	75 30							
JL	30	11	28 10	26 13	26 18	26 34	26 33	26 30	27 37	27 49			
JL	31	05	22 15	23 13	24 17	24 31							
JL	31	17	26 10	26 08	25 18	25 23	24 18	25 22					
JL	31	23	23 08	22 05	22 07	21 09	25 11	26 12	28 13	28 12			
AB	02	05	23 25	22 17	23 22								
AB	02	11	22 20	24 16	24 22								
AB	02	23	23 20	23 10	24 13	24 17	23 20	24 25	24 28				
AB	03	05	32 05	31 08	32 09	32 10	31 11	31 10	31 11	30 20			
AB	04	05	35 22	34 21	34 22								
AB	04	11	32 24	32 25	31 28								
AB	05	05	29 18	27 26	27 37	26 69							
AB	07	05	24 39	24 47	23 28								
AB	09	17	21 08	21 06	22 13	23 10	24 16	26 21					
AB	10	00	00 00		36 04								
AB	10	05	28 05	28 05	28 06	28 12							
AB	11	05	32 12	28 16	29 20	26 22	26 25						
AB	11	11	30 25	29 29	29 21								
AB	12	05	28 06	28 06	28 07	28 16	28 12						
AB	13	05	31 28	30 24	26 19	27 36	25 31						
AB	13	11	28 25	27 25	26 52								
AB	13	17	29 19		29 19	28 15	27 17	27 24	28 34				
AB	14	05	22 18	23 14	23 16	23 23							
AB	14	11	23 19	23 12	22 21	23 28	23 39	24 32					
AB	14	17	24 16	24 13	23 09	23 16	24 21	24 26	25 32				
AB	15	05	01 12	36 26	01 18								
AB	15	17	36 05	35 15									
AB	16	00	32 17	32 22	32 24	33 23							
AB	16	05	34 10	31 10	32 11	32 19							
AB	16	17	30 22			30 24	31 27						
AB	17	11	04 10	04 10	02 14	36 19	36 27	36 45	35 41	35 32			
AB	18	11	29 10	28 10									
AB	19	02	21 16	18 10	19 10	21 14							
AB	19	05	23 12	21 10	22 07	23 15							
AB	19	11	28 07	28 04	26 10								
AB	19	17	35 10	32 13	32 10								
AB	21	05	23 32	23 13	22 22	23 26							
AB	22	11	24 24	23 27	23 25								
AB	22	17	24 17	22 11									
AB	23	00	25 02	25 02	26 03								
AB	23	23	25 30	24 22									

RESULTS OF PILOT BALLOON OBSERVATIONS AT HEARD ISLAND YEAR 1950											
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES	
AB	2 4	1 1	2 9 2 5	2 8 1 6	2 7 3 8	2 6 3 3	2 6 3 0	2 6 2 7			
AB	2 4	1 7	2 9 2 2	2 7 1 3	2 7 1 2	2 5 3 4					
AB	2 5	0 0	2 6 0 2	2 6 0 4	2 7 0 7	2 8 1 3	2 9 1 7				
AB	2 6	0 5	2 0 3 5	1 9 3 0	2 0 5 4						
AB	2 8	0 2	2 2 2 8	2 1 2 7	2 1 4 0	2 0 3 8					
AB	2 8	0 5	2 3 2 0	2 1 2 9	2 2 3 2						
AB	2 8	0 8	2 5 1 5		2 2 1 8	2 2 1 7	2 2 1 8	2 2 1 8	2 3 2 2	2 2 2 5	
AB	2 9	0 5	2 2 1 2	2 0 1 3	2 1 1 4	2 1 2 0	2 1 1 7	2 2 1 8	2 2 3 1	2 3 4 3	
AB	2 9	1 1	2 8 0 5	2 7 0 5	2 5 1 1	2 4 1 2	2 2 1 3	2 2 1 3	2 4 1 2	2 5 1 7	
AB	2 9	1 7	2 4 1 0	2 3 1 6	2 3 2 0	2 3 2 6	2 2 3 0	2 3 2 3	2 4 2 5		
AB	2 9	2 3	2 0 1 5	1 9 1 4	1 9 1 8	2 0 1 6	2 1 1 6				
AB	3 0	0 5	2 4 0 8	2 2 0 9	2 2 1 2	2 2 1 5	2 6 1 0	2 8 1 2	2 9 1 6		
AB	3 0	1 1	0 0 0 0	2 0 0 6	2 0 0 6	3 1 0 2	3 2 0 4	3 2 0 9	3 3 1 3		
AB	3 0	1 7	0 9 0 8	0 8 0 7	0 9 0 5	0 7 0 7	0 6 0 7	0 4 0 7			
SP	0 1	0 5	2 2 2 0	2 0 2 7	2 0 2 7						
SP	0 2	0 5	2 1 2 4	2 0 2 8	2 0 2 9	2 0 3 0					
SP	0 3	0 5	2 1 2 1	2 0 2 7	2 0 3 4	2 0 3 8					
SP	0 4	0 5	2 2 3 1	2 1 3 8	2 1 4 2	2 2 3 9					
SP	0 4	1 1	2 4 3 1	2 3 2 5	2 2 1 6						
SP	0 5	0 5	2 4 2 4	2 3 2 2	2 3 4 1	2 3 5 0					
SP	0 5	1 1	2 4 2 2	2 3 1 7	2 3 2 2	2 3 2 8					
SP	0 5	1 7	2 5 1 5	2 4 2 5	2 6 0 8	2 5 3 1					
SP	0 6	0 5	2 9 2 4	3 0 1 4	2 6 2 7						
SP	0 6	1 1	2 5 3 7	2 3 4 6	2 3 9 2						
SP	0 7	0 5	2 8 1 4	2 4 1 0	2 4 2 6						
SP	0 8	0 5	2 4 1 0	2 4 0 8	2 6 1 0						
SP	0 8	1 1	2 9 1 5	2 7 0 8	2 5 2 1						
SP	0 9	0 5	2 4 2 0	2 2 2 2	2 3 2 5	2 2 4 0					
SP	0 9	1 1	2 4 2 4	2 4 2 4	2 4 2 8	2 2 2 6					
SP	0 9	1 7	2 7 1 2	2 7 0 8	2 4 2 3	2 4 2 3					
SP	1 0	0 0	2 8 0 6	2 8 1 3	2 7 0 9						
SP	1 0	0 5	0 0 0 0	3 4 0 9	3 4 1 2	3 4 1 6					
SP	1 0	1 1	0 3 1 5	0 2 1 8	0 1 2 0						
SP	1 1	0 5	2 6 1 5	2 8 1 2	2 7 2 5	2 6 2 7					
SP	1 1	1 1	2 8 3 0	2 7 2 7	2 7 2 9	2 6 9 2					
SP	1 2	0 5	2 9 2 0	2 6 1 9	2 6 3 0	2 5 3 2					
SP	1 3	0 5	2 2 2 7	2 0 4 0	2 1 5 9	2 2 2 9					
SP	1 3	1 1	2 5 3 2	2 4 2 2	2 3 4 1	2 3 4 4					
SP	1 4	0 5	3 0 2 4	2 8 1 9	2 8 2 7	2 8 2 1					
SP	1 5	2 4	2 9 2 0	2 0 2 8	2 6 1 5						
SP	1 6	0 5	2 4 2 7	2 3 2 3	2 3 3 1	2 3 3 8					
SP	1 7	1 1	2 7 1 5	2 6 1 9							
SP	1 7	1 7	2 7 1 2	2 6 0 5							
SP	1 8	0 5	2 3 2 2	2 3 2 0	2 4 2 4						
SP	1 8	1 1	2 4 1 4	2 4 1 2							
SP	1 9	0 1	3 2 0 4	3 3 0 5	3 0 0 3						
SP	1 9	1 7	2 2 1 0	2 1 1 1	1 9 0 6						
SP	2 0	0 5	2 9 2 5	2 8 1 1	2 6 2 4						
SP	2 0	1 1	2 9 2 2	2 9 1 7	2 6 2 2						
SP	2 0	1 7	2 7 1 8	2 7 0 9							
SP	2 1	0 1	2 9 2 3	2 7 1 2	2 6 2 1	2 5 4 5					
SP	2 1	0 5	2 9 1 2	2 6 1 0	2 4 1 5	2 5 3 2					
SP	2 2	0 1	2 9 1 0	2 8 0 9	2 7 1 2						
SP	2 3	0 5	2 0 3 0	2 0 2 3	2 0 3 8	2 1 6 4					
SP	2 3	0 5	2 3 1 6	2 2 1 5	2 1 1 1	2 2 2 2					
SP	2 3	1 1	2 2 2 2	2 2 1 0	2 2 2 1	2 3 3 3					
SP	2 4	1 1	2 5 1 7		2 5 1 2	2 5 2 8					
SP	2 5	0 5	2 2 2 7	2 2 2 5	2 2 3 4	2 2 4 5					
SP	2 5	1 1	2 4 1 2	2 2 1 7	2 6 0 2	2 5 1 0					
SP	2 6	1 1	2 4 3 8	2 1 2 1							
SP	2 7	0 1	2 1 2 5	1 9 2 2	2 0 2 2						
SP	2 7	0 5	2 5 0 5	2 5 0 5	2 3 0 7	2 4 1 1					
SP	2 8	0 1	2 4 0 8	2 3 1 3	2 4 2 0						
SP	2 8	0 5	2 4 1 5	2 4 1 9	2 4 2 0						
SP	2 8	1 1	2 5 2 4	2 2 1 5	2 2 1 8						
SP	2 8	1 7	2 2 2 0	2 1 2 4	2 1 2 5	2 2 2 6					
SP	2 9	1 1	2 8 1 1	0 7 1 6	0 7 1 4	0 5 1 3					
SP	2 9	2 3	0 8 1 5	0 7 2 0	0 6 1 7	0 2 2 1					
SP	3 0	1 1	2 3 1 2	2 2 1 2	2 4 2 8						
SP	3 0	2 4	0 0 0 0	2 3 0 4	2 6 0 5	2 8 1 0					
OC	0 1	0 5	2 2 1 8	1 9 2 9	1 9 3 7	2 0 4 0					
OC	0 1	1 1	2 1 1 8	2 1 2 1	2 0 1 9	2 1 2 3					
OC	0 1	1 7	2 3 0 8	2 1 0 9	2 2 0 5	2 2 1 6					
OC	0 2	1 7	0 0 0 0	2 5 0 2	2 8 0 1	3 2 0 4					
OC	0 3	1 1	2 8 1 6	2 7 1 4	2 6 2 5	2 5 3 2					
OC	0 3	1 7	3 2 1 2	3 2 1 2	3 3 1 8						

RESULTS OF PILOT BALLOON OBSERVATIONS AT HEARD ISLAND YEAR 1950											
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES	
JUL	03	23	33 15	32 18	32 42						
JUL	04	05	32 18	30 26	28 07						
JUL	04	11	32 24	29 19	28 24	27 37	28 32				
JUL	05	11	24 20	23 18	24 24	24 25					
JUL	06	05	24 17	24 15	24 26	24 36	24 32				
JUL	06	11	23 20	21 17	21 19						
JUL	06	17	23 17	22 14	22 22						
JUL	07	00	23 21	23 24	22 28	23 35					
JUL	07	05	23 20	23 20	23 21						
JUL	07	11	24 14	22 11	22 12						
JUL	07	17	00 00	06 03	02 02						
JUL	07	23	07 08	03 09	01 17						
JUL	08	11	24 25	23 22	23 35	23 40					
JUL	09	05	23 18	22 14	22 22	22 35	23 29	24 32			
JUL	09	11	28 12	27 11	25 24	25 29	25 26	24 34	25 54		
JUL	09	17	30 12	30 19	29 29	12 28	13				
JUL	10	11	28 14	27 13	24 24	15 24	25				
JUL	10	17	36 10	35 15	35 35	12 35	25				
JUL	10	23	00 00	25 07	26 09	25 23	25 24				
JUL	11	11	23 30	23 27	23 41	23 82	22 45				
JUL	11	17	23 20	23 22	23 18	24 23					
JUL	11	23	28 17	28 17	27 27	17					
JUL	12	05	30 04	28 12	28 33	26 11					
JUL	12	11	35 10	36 11	35 15						
JUL	13	05	26 10	26 11							
JUL	13	11	23 28	23 20	23 26	24 54	24 53				
JUL	14	11	26 25	25 18	25 73	25 20	24 70				
JUL	14	17	34 08	33 11	32 17						
JUL	16	05	27 10	27 12	26 27	26 25	25 35	26 28			
JUL	16	11	23 12	24 14	25 09	24 18					
JUL	17	01	19 15	20 20	20 18	21 27	22 29	22 33			
JUL	17	11	30 25	27 21							
JUL	17	17	29 20	25 09							
JUL	19	11	28 8	24 17	24 27						
JUL	21	11	25 18	25 22	25 34						
JUL	22	05	29 12	25 08	24 20						
JUL	22	11	29 21	29 23	28 48	25 10					
JUL	23	01	24 15	23 14	23 19						
JUL	23	05	23 20	23 17							
JUL	24	01	23 21	22 14	21 19						
JUL	24	05	24 15	23 15	24 24	23 35	24 35	24 37			
JUL	24	11	29 12	28 13	27 15	27 33	26 25				
JUL	24	23	28 12	27 08	24 10						
JUL	25	05	26 07	27 09	26 26	14 25	21				
JUL	25	11	26 12	26 15	27 08	25 25					
JUL	25	17	22 14	20 19	20 18	21 18					
JUL	25	23	25 10	24 15	23 27						
JUL	26	05	20 08	20 11	22 16						
JUL	26	11	20 08	20 15	22 19	22 22					
JUL	26	17	28 07	29 08	28 08						
JUL	28	05	21 10	20 12	18 09	14 06	17 08				
JUL	29	05	09 04	03 04	34 10	30 22	31 15				
JUL	29	23	27 13	27 16	26 28						
JUL	30	05	28 15	26 41	26 31	26 25	25 32	25 39			
JUL	30	11	27 12	26 08							
JUL	30	17	27 09	25 05							
JUL	30	23	28 10	29 12	28 07						
JUL	31	05	00 00	30 08	32 09	29 15	29 22				
JUL	31	11	00 00	06 06	01 03						
JUL	31	17	03 10	02 17	01 15						
NOV	01	17	24 16	24 14	25 13	25 24					
NOV	02	01	29 17	28 18	28 16						
NOV	02	05	31 20	31 28	30 28	30 20					
NOV	03	05	22 24	22 20	22 22	24 23	24 29	24 38	23 41	24 27	
NOV	03	11	22 20	22 21	22 22	22 18					
NOV	03	17	00 00	25 06	23 11	25 12	25 22	25 23			
NOV	03	23	36 10	36 11	35 18	35 16					
NOV	05	05	29 18	28 13	27 49						
NOV	05	15	25 29	23 31	24 58	25 20					
NOV	05	23	24 25	23 14	22 17						
NOV	06	05	23 06	22 10	24 05						
NOV	06	11	09 07	05 09	01 12						
NOV	06	17	07 06	04 05							
NOV	07	01	27 22	25 18							
NOV	07	05	28 22	25 28	25 24						
NOV	07	08	24 24	24 27	24 30	24 40	24 49	24 51	24 50	26 53	
NOV	07	17	27 07	25 04	25 17						
NOV	08	01	25 06	24 09	28 11	26 30	26 33	26 22	26 26		

RESULTS OF PILOT BALLOON OBSERVATIONS AT HEARD ISLAND YEAR 1950													
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES			
NOV	08	05	00 00	3 4 0 7	3 4 1 5	3 4 1 3							
NOV	08	09	07 1 2	0 6 1 5	0 5 1 7	0 3 3 0	0 1 2 7	3 4 2 7	3 2 2 5	3 2 2 1			
NOV	09	05	2 4 2 5	2 4 1 7	2 5 3 5								
NOV	09	11	2 7 2 2	2 6 0 8	2 6 3 1								
NOV	09	17	2 8 2 5	2 9 1 0									
NOV	10	11	2 9 3 1	2 9 3 0	2 9 3 2								
NOV	11	01	2 3 3 0	2 3 5 0	2 4 1 9	2 3 2 5							
NOV	11	05	2 4 2 5	2 3 1 3	2 4 1 9	2 4 4 0							
NOV	11	11	2 4 1 8	2 3 1 9	2 4 2 7	2 5 1 5							
NOV	12	17	2 2 2 0	2 3 2 2									
NOV	13	11	2 0 2 8	2 0 2 8	2 0 3 4								
NOV	14	05	2 2 2 7	2 2 1 8	2 2 3 3	2 2 3 9	2 2 4 3						
NOV	14	11	2 2 3 0	2 2 1 8	2 2 3 4								
NOV	14	23	2 1 2 5	2 0 2 9	2 1 3 6	2 2 3 2							
NOV	15	05	2 2 2 0	2 2 2 2	2 2 1 5	2 2 2 8							
NOV	15	11	2 4 1 2	2 4 1 1	2 4 2 0	2 4 2 3							
NOV	15	17	0 0 0 0	2 7 0 7	2 7 0 9	2 7 1 0	2 7 0 9						
NOV	15	23	3 2 0 3	3 1 0 5	3 1 0 6	3 0 0 9	3 0 0 7						
NOV	16	05	3 6 0 4	3 6 0 5	3 6 0 7	3 6 0 9							
NOV	16	11	0 5 1 2	0 5 1 2	0 5 1 3	0 4 1 8	0 4 2 4						
NOV	17	11	0 5 1 4	0 6 1 7	0 4 1 7								
NOV	17	17	0 5 1 4	0 4 1 1	0 2 1 3								
NOV	17	23	0 7 1 5	0 7 2 0	0 6 1 9	0 7 3 0	0 7 2 7	0 8 2 9	0 8 2 6	0 8 2 7			
NOV	18	05	2 4 1 0	2 4 0 9	2 3 0 9	2 2 0 4							
NOV	18	11	3 5 0 8	3 5 1 1	3 4 0 7	3 4 0 7							
NOV	18	23	1 9 3 0	1 9 3 5	1 9 4 7	2 0 3 4							
NOV	19	11	1 9 3 3	1 9 2 2	1 9 5 0	2 0 8 6	1 9 6 0	1 9 6 9					
NOV	20	01	1 9 3 0	2 0 2 3	2 0 3 3	2 0 4 0							
NOV	20	05	2 1 2 5	2 2 2 6	2 2 2 1	2 1 2 6							
NOV	20	11	2 2 1 2	2 2 2 2	2 2 1 1	2 2 1 6							
NOV	21	23	2 2 2 4	2 2 2 2	2 2 2 2	2 2 2 5	2 2 2 9						
NOV	22	05	2 2 1 3	2 3 2 3	2 2 0 9	2 2 2 1	2 2 2 9	2 2 2 6					
NOV	22	11	2 5 1 5	2 6 1 1	2 5 2 3	2 4 2 6	2 4 2 6						
NOV	22	17	2 1 1 2	2 1 2 1	2 1 1 5	2 2 1 4	2 2 1 9	2 2 2 6	2 6 0 7	2 8 0 6			
NOV	22	23	2 2 0 8	2 1 1 0	1 9 0 8	1 7 0 9	1 8 1 7	2 1 1 1					
NOV	23	05	2 3 0 8	2 3 1 3	2 2 1 0	2 0 0 9	2 0 1 3	1 9 1 2					
NOV	23	17	2 0 1 5	2 0 1 3	2 0 1 3	2 0 2 2	2 0 2 5	2 1 2 3					
NOV	24	05	2 0 2 9	2 0 2 6	2 0 2 5	2 1 1 8							
NOV	24	11	2 0 3 3	2 0 3 5	2 0 4 1								
NOV	25	05	2 0 1 5	2 0 1 6	2 0 2 0	2 1 1 4	2 2 1 5						
NOV	25	11	3 4 0 8	3 3 0 8	3 4 0 7	3 3 1 0	3 4 0 8						
NOV	26	23	2 2 1 1	2 4 0 8	2 7 1 2	2 6 2 0							
NOV	29	05	2 1 3 7	2 1 5 0	2 0 4 3	2 1 5 1							
NOV	29	11	2 1 3 0	2 1 3 3	2 1 3 6	2 1 4 8	2 1 3 9						
NOV	29	23	2 3 1 5	2 4 2 0	2 4 3 1								
NOV	30	23	2 2 2 6	2 2 2 0	2 2 2 4								
DEC	01	05	2 4 1 2	2 3 1 1	2 5 1 2	2 4 3 8							
DEC	01	17	2 6 1 9	2 5 3 5	2 5 3 6								
DEC	02	05	2 3 1 5	2 4 1 3	2 5 3 5								
DEC	02	11	0 2 0 8	3 4 0 9	1 7 0 1								
DEC	02	17	3 6 0 8	3 4 1 1	3 2 1 2	3 2 2 0	3 1 1 9	3 1 1 5					
DEC	04	00	2 3 2 0	2 2 1 7	2 2 2 3	2 2 1 8	2 7 1 8	2 8 2 0					
DEC	04	05	2 3 2 2	2 2 2 0	2 1 3 2	2 2 2 2	3 1 0 9	2 9 1 1	2 7 1 5	2 8 2 0			
DEC	04	08	2 3 1 8	2 1 2 1	2 1 2 3	2 2 2 3	2 3 2 4	2 8 1 9	2 7 1 9	2 9 2 0	2 9 2 0		
DEC	05	05	0 2 0 2	0 2 0 3									
DEC	05	11	0 7 2 5	0 6 2 5	0 4 1 9								
DEC	06	23	2 2 3 3	2 2 2 6	2 2 3 8	2 2 6 3							
DEC	07	05	2 2 2 6	2 2 2 0	2 2 3 0								
DEC	08	11	2 8 2 8	2 9 2 5									
DEC	08	17	2 5 2 5	2 4 2 0	2 4 3 5								
DEC	08	23	2 7 2 0	2 5 0 9									
DEC	09	05	2 7 2 3	2 6 3 1	2 7 7 9	2 6 7 5							
DEC	09	11	2 7 2 2	2 6 0 9	2 5 2 1								
DEC	10	05	2 6 1 5	2 4 1 6	2 4 2 5								
DEC	11	05	2 4 2 0	2 6 0 7									
DEC	11	11	2 4 1 8	2 4 2 0	2 4 2 9								
DEC	11	17	0 0 0 0	2 5 0 5	2 5 1 1	2 4 1 0							
DEC	13	05	2 2 3 8	2 3 2 7	2 3 3 6								
DEC	13	12	2 4 3 5	2 3 3 1	2 3 3 5	2 3 5 0							
DEC	13	23	2 3 2 5	2 3 1 6	2 2 2 4	2 3 3 0							
DEC	14	05	2 6 0 8	2 6 0 6	2 6 1 0	2 6 1 1	2 6 1 3						
DEC	14	17	2 6 2 5	2 6 2 6	2 6 2 6	2 6 5 3							
DEC	14	23	2 6 2 0	2 5 1 6	2 4 3 6	2 3 4 6							
DEC	15	11	2 4 1 7	2 4 2 4	2 3 4 2								
DEC	16	01	0 0 0 0	3 1 1 0	2 6 0 5	2 7 1 3							
DEC	16	05	3 2 1 0	2 9 1 1	3 0 1 4	2 7 1 7							
DEC	16	11	3 2 0 5	3 2 0 7	3 0 1 7	2 9 1 5							
DEC	16	17	0 0 0 0	0 1 0 7	3 3 1 1								

RESULTS OF PILOT BALLOON OBSERVATIONS AT HEARD ISLAND YEAR 1950											
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES	
01.	16	23	00 00	34 09	29 06						
01.	17	05	34 08	34 09	00 00						
01.	17	11	05 06	02 04	35 07						
01.	18	00	00 00	32 02	00 00	25 07	26 15	26 15	25 15		
01.	18	05	00 00	34 04	34 03	26 07	26 08	26 12	28 13	28 11	
01.	18	24	28 12	28 14	28 10						
01.	19	05	25 13	23 11	23 33						
01.	19	11	27 10	27 09	26 11	25 36	26 37				
01.	19	17	00 00	50 08	27 07	29 13					
01.	21	11	28 26	27 68	26 30	26 71					
01.	21	23	29 19	28 16	26 33						
01.	22	05	25 30	25 26	24 38						
01.	22	11	23 42	23 43	23 48						
01.	23	00	20 25	20 16	21 19						
01.	25	05	30 05	30 05	26 02						
01.	25	11	30 25	29 23	27 18						
01.	26	05	28 20	27 20							
01.	26	11	27 22	27 20							
01.	27	00	27 19	27 34	26 55	26 88	24 38	24 34			
01.	27	05	27 20	28 31	26 55	25 86					
01.	28	00	34 07	32 19	31 26						
01.	28	11	28 31	27 33	26 57						
01.	29	24	21 25	21 27	21 27	21 47					
01.	30	05	27 05	26 08	26 13	26 17	26 22	27 10	26 18	26 27	
01.	31	05	28 13	27 14	25 35	26 28					
01.	31	11	27 15	27 19	26 29	25 35					

RESULTS OF PILOT BALLOON OBSERVATIONS AT HEARD ISLAND YEAR 1950												
MONTH	DAY	HOUR	2100 METRES	2400 METRES	3000 METRES	3600 METRES	4500 METRES	5400 METRES	6000 METRES	7500 METRES	9000 METRES	
JAN	17	05	31 22	33 21	30 35							
JAN	18	11	29 05	32 11	23 40	30 24	27 54					
JAN	27	10	28 24	29 22	28 30							
FEB	19	10	25 20									
FEB	25	06	07 21	08 20	08 16							
FEB	25	17	08 22									
MAR	02	11	18 18	19 35	33 13	21 29	23 29	23 40				
MAR	11	17	20 23	20 24								
MAR	23	06	27 34	27 37	27 39	26 40						
MAR	23	08	28 32	27 38	27 42	27 45	27 73	26 63	26 65			
MAY	17	17	20 17									
MAY	22	17	26 37									
MAY	23	05	17 04	16 05								
MAY	24	05	16 10	15 15	15 12	22 15	30 21	31 24				
MAY	24	11	34 05	06 08	12 22	10 15	25 05	29 17	31 24			
MAY	24	17	10 21	10 21	13 17	17 12						
MAY	25	06	16 26	11 38	12 46							
MAY	25	08	16 29	14 23	13 33	12 39	12 35	12 37	11 42	20 19	21 22	
JUN	02	17	28 23									
JUN	08	17	22 09	24 25	24 44							
JUN	15	05	26 24									
JUN	15	11	25 19	25 17								
JUN	18	17	18 25	18 22	18 26							
JUN	30	08	18 31	18 32	19 34	21 29	20 31					
JUL	18	17	24 18	25 26	25 36							
JUL	31	23	27 16	27 17								
AUG	03	05	27 24									
AUG	28	08	23 28	23 28	22 20							
AUG	29	05	24 50									
AUG	29	11	26 22	25 23	25 22							
OCT	02	17	30 12	30 10	28 18	28 22						
NOV	07	08	26 63	26 54	26 64							
NOV	08	09	32 25	31 27	32 28							
NOV	17	23	08 28	08 20								
NOV	22	17	25 15	25 23	26 18							
DEC	04	05	30 23	31 21	31 31							
DEC	04	08	30 28	31 30	30 34	32 40	32 48	32 53	33 60			
DEC	18	05	29 17	29 24	29 35							
DEC	30	05	26 25	27 23	26 43							
			9600 METRES	10500 METRES	12000 METRES	13500 METRES	15000 METRES	16500 METRES	18000 METRES	19500 METRES	21000 METRES	
MAY	25	08	20 19	21 13	27 24	30 40	30 35	30 24	28 35	29 39	30 36	

RESULTS OF PILOT BALLOON OBSERVATIONS AT MACQUARIE ISLAND YEAR 1950												
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES		
JAN	01	05	30 22	30 22	29 28	29 33	29 31	29 33	29 36	29 19		
JAN	01	11	31 16	31 22	31 24	30 28	30 27	30 25	30 21	29 19		
JAN	01	17	33 09	34 14	32 19	32 21	32 21	32 22				
JAN	06	05	29 27	29 30	29 35	28 34	29 43	28 36				
JAN	06	11	32 23	32 23	32 23							
JAN	07	23	29 16	28 18	29 25	29 25	29 22					
JAN	08	05	31 14	32 15	31 20	31 20	31 20					
JAN	08	11	35 12	35 15	33 19	33 17	34 20					
JAN	10	01	33 14	33 17	32 21	33 26	34 17					
JAN	11	23	35 04	34 04	02 04	04 04	04 04					
JAN	12	02	10 03	10 06	10 06	03 06						
JAN	12	05	00 00	06 05	02 04	01 07	33 08					
JAN	13	05	28 05	29 08	28 05	27 11	26 11	23 09	24 12	26 16		
JAN	13	23	33 16	34 19	34 26							
JAN	15	29	20 30	20 22	30 20	30 25	29 26	29 27				
JAN	21	05	31 12	31 19	31 21	30 29	30 23	30 23	30 22	30 25		
JAN	26	23	26 07	27 07	23 07	25 24	34 28	35 29				
JAN	30	01	30 25	30 25	30 31	29 36	29 42	29 49				
JAN	30	05	32 26	32 24	32 37	32 37						
JAN	31	05	29 35	29 45	29 45							
JAN	31	17	31 15	32 15	31 17							
JAN	31	23	31 11	32 15	31 21	31 30	31 26	30 24	30 28	30 26		
FEB	02	01	28 30	29 41	28 41	28 38	28 52	28 42				
FEB	02	05	29 28	28 19	28 30	27 31	27 29					
FEB	04	03	26 24	26 14	25 25	33 37	25 30	25 29	26 30			
FEB	04	11	25 22	25 24	24 33	25 25	25 25					
FEB	05	05	22 14	23 14	22 21							
FEB	07	23	22 10	22 08	24 16	23 25	23 28	23 29	24 35			
FEB	08	05	26 10	27 06	26 07	25 15	24 22	24 23				
FEB	10	23	27 10	29 10	26 07	25 09						
FEB	11	05	28 11	29 14	28 17	27 16	27 11					
FEB	11	11	28 05	29 08	29 08	28 11						
FEB	12	23	27 22	27 30	26 25	26 32	26 30	26 32	26 37			
FEB	13	06	27 21	27 25	26 24	25 31	25 27	26 27	25 29	25 39		
FEB	13	23	26 21	26 24	25 13							
FEB	14	05	26 13	25 13	24 22	23 24	24 22					
FEB	14	11	27 10	26 05	26 13	25 18	24 30					
FEB	15	05	29 17	29 22	28 27	27 29	27 32					
FEB	16	23	18 24	19 20	21 25	20 38						
FEB	17	06	20 08	21 05	22 17	22 24						
FEB	22	05	30 24	30 23	29 37	29 41	28 43	28 41	28 37			
FEB	23	06	26 23	27 29	25 30	24 17	24 25					
FEB	26	11	30 16	30 25	29 24	29 29	28 28	28 24	28 17			
FEB	26	17	30 05	28 13	27 20	27 21	28 18	29 22	29 20	29 22		
FEB	26	23	30 06	29 12	29 18	29 17	29 17					
FEB	27	11	00 00	31 05	30 09	30 09	31 11	29 11	30 14	30 16		
FEB	27	23	29 12	29 14	29 16							
FEB	28	02	32 04	31 08	31 12	30 14	31 20	31 22	32 20			
FEB	28	17	00 00	00 00	00 00	00 00	00 00					
MAR	01	23	24 08	25 08	22 12	23 28	23 26	23 32				
MAR	02	05	27 14	26 20	26 18	23 20	24 26	24 21	24 22			
MAR	02	17	23 05	23 05	23 18	23 20						
MAR	03	05	30 10	30 13	30 15							
MAR	05	05	33 17	33 21	32 29	31 32	31 29	31 25	32 24	32 22		
MAR	05	23	30 17	29 20	30 30	28 40	28 30					
MAR	06	05	32 15	31 14	31 24	30 25	28 28					
MAR	07	05	27 12	27 12	24 24	10 24	20 20					
MAR	07	11	30 09	29 15	29 18	28 26	28 31	27 27	27 25			
MAR	10	23	23 22	23 23	22 28							
MAR	11	24	33 14	35 17	34 20	33 25						
MAR	12	05	34 20	35 27	35 35	33 33						
MAR	14	05	26 23	26 25	25 27	26 21	26 28					
MAR	16	23	27 25	27 30	27 27	26 40	25 40					
MAR	17	06	26 23	26 30	26 49	26 35	25 31					
MAR	21	05	28 25	28 25	28 36	27 33						
MAR	21	23	27 30	27 40	27 33	27 44						
MAR	23	23	29 20	29 22	27 28	27 18	26 28					
MAR	24	05	28 25	28 24	27 29							
MAR	26	06	16 07	17 09	17 07	19 07	23 11	23 15	22 14			
MAR	26	11	31 05	30 05	31 04	31 01	30 07					
MAR	26	17	33 09	34 06	34 12	34 11						
MAR	28	05	31 11	30 18	29 19	28 20	30 16	29 17				
MAR	29	05	31 11	31 15	29 19	29 20	29 19	29 26				
MAR	30	05	26 22	26 27	25 37							
MAR	30	11	27 16	26 17	25 17	25 20						

RESULTS OF PILOT BALLOON OBSERVATIONS AT MACQUARIE ISLAND YEAR 1950													
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES			
MAR	30	17	27 19	27 18	26 22	26 31	26 34						
MAR	30	23	30 17	31 23	31 26	31 23	26 34						
APR	01	05	28 24	27 25	27 33	26 31	26 36	27 40					
APR	02	23	24 14	24 20	23 26								
APR	03	05	25 22	26 24	26 15								
APR	04	23	16 36	17 22	18 24	18 35	18 51						
APR	05	05	18 17	20 18	21 26								
APR	07	05	31 17	31 22	31 29	30 31	30 40	30 41	31 27				
APR	07	05	30 25	30 30	29 36	28 30							
APR	07	23	32 22		32 36	31 34			31 29	29 32			
APR	09	05	33 23	34 27	33 35	32 52	32 58						
APR	10	23	26 17	28 18	25 12								
APR	11	23	27 13	27 17	27 31								
APR	12	05	27 13	26 24	26 24	25 17							
APR	14	05	31 25	30 30	30 30	30 42							
APR	14	23	27 25	27 13	27 13	23 17	24 30	24 33	25 33				
APR	15	05	27 24	26 15	23 26	24 44							
APR	15	23	27 26	26 41	26 47	26 41							
APR	17	23	24 06	25 06	22 06								
APR	18	05	24 06	25 04	24 04	24 13							
APR	18	23	26 20	27 21	26 23	25 13	25 23						
APR	19	05	28 17	28 21	28 26								
APR	21	23	26 21		24 30								
APR	22	05	25 17	24 12	23 12	24 25	23 23						
APR	22	11	25 21	26 23	26 25	25 33	25 30	25 33					
APR	22	17	26 16	26 24	26 27	26 25	25 30						
APR	22	23	29 30	29 17	28 12	28 16							
APR	23	05	32 21	32 17	31 14								
APR	26	08	25 10	27 11	24 21	22 20	22 09	23 20	23 31	23 31			
APR	26	17	26 10	27 19	26 19	25 19	26 23	25 15	25 25				
APR	26	23	32 15	33 16	32 18	30 15	32 44						
APR	27	05	33 22	34 26	33 31	32 38	31 34						
APR	30	23	30 22	31 23	31 25	29 39	29 36	28 33	27 35	27 29			
MAY	03	12	29 06	29 15	29 18	29 25	29 29	29 24	29 22	29 24			
MAY	03	17	34 08	34 18	34 20	34 28							
MAY	04	05	33 35	33 40	33 52								
MAY	05	05	27 22	26 21	25 39								
MAY	05	11	31 15	31 18	31 16	29 21	29 22						
MAY	06	11	28 26		26 37								
MAY	09	11	27 10	25 10	23 14	24 22	24 17						
MAY	09	23	28 27	27 38	27 33	28 28	28 36						
MAY	10	11	27 28	27 27	27 38								
MAY	10	23	27 22	27 26	26 34								
MAY	11	05	27 20	27 25	26 30	26 26							
MAY	11	23	32 10	31 16	31 17								
MAY	12	05	32 14	33 22	33 32								
MAY	15	05	17 18	19 21	18 27	18 23							
MAY	15	23	17 12	19 14	20 19	19 24	19 42						
MAY	16	04	22 08	21 03	22 10								
MAY	16	23	28 21		27 30								
MAY	17	04	28 22	29 21	28 28	27 42							
MAY	17	17	22 05	22 08	19 09	21 26	21 25	21 21	20 26				
MAY	17	23	22 12	24 10	24 10	24 22	24 33	22 18					
MAY	18	23	25 20	23 08	24 10								
MAY	20	23	27 20	25 16	24 35								
MAY	22	17	33 24	34 34	33 32								
MAY	22	23	01 15	35 11									
MAY	23	01	01 11	01 12	35 13	35 16							
MAY	26	05	27 17	27 4	25 30	25 32	26 21						
MAY	26	11	32 08	34 14	34 16	35 12	33 13	33 13	32 17	32 21			
MAY	29	11	20 18	22 19	22 19	23 24							
MAY	30	01	24 16	25 08	23 17	23 16							
MAY	30	05	25 23	26 27	26 46	28 19							
JUN	03	05	29 08	27 06	24 20	23 28	25 33	25 29	26 25	25 23			
JUN	04	23	24 02	24 03	24 08	23 12	23 20	23 23	24 31	24 40			
JUN	06	05	19 14	21 09	21 13	21 20							
JUN	07	04	24 07	27 06	24 07	25 16	26 17	26 20					
JUN	07	06	25 09	26 07	27 12	28 14	27 13						
JUN	08	04	17 10	21 10	22 09	22 10	24 09	24 14					
JUN	08	05	18 05	22 09	23 14	24 17	25 11	26 11	25 11	27 17			
JUN	08	11	30 20	31 24	31 23	30 29	29 24	29 32	29 23				
JUN	09	01	29 20	29 25	26 33								
JUN	09	05	27 20	28 18	27 31	27 38	27 37						
JUN	09	23	28 21	28 35	28 36	29 38	29 43						

RESULTS OF PILOT BALLOON OBSERVATIONS AT MACQUARIE ISLAND YEAR 1950												
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES		
IN	10	05	27 25	27 31	27 42	26 48						
IN	11	02	22 12	23 09	25 21	24 16						
IN	11	05	21 08	23 13	25 29	20 07						
IN	11	11	20 03		24 04	23 06	24 05	24 10				
IN	13	02	28 25	28 26								
IN	13	05	27 28	26 55	25 33	27 40	26 54	27 57				
IN	14	05	26 21	26 11	25 28	24 44						
IN	14	11	26 12	27 15	26 30	26 21	26 18	25 27				
IN	15	05	26 28	27 35	27 40							
IN	15	23	16 21	17 18	18 18							
IN	16	04	17 08	20 07	20 10	19 10						
IN	19	23	29 24	27 56								
IN	20	05	27 30	26 28								
IN	21	05	26 31	26 55								
IN	23	17	28 23	29 23								
IN	23	23	29 23	30 26	29 35	28 34						
IN	24	05	30 25	30 29	29 30	28 40	28 34					
IN	27	11	30 04	31 08	29 07	30 09	30 08	31 09				
IN	27	23	14 05	15 07	14 07	11 09	11 06	10 10	10 15	09 14		
IN	27	23	28 08	28 17	29 24							
IN	29	05	09 12	08 16	08 16							
IN	29	11	07 10	07 17	07 13	05 17	04 16					
IN	29	23	34 05	34 15	33 17	33 18	34 17	34 16	31 06	32 07		
IN	30	05	33 22	34 20	34 24	33 23						
JL	02	17	00 00	24 05	22 06	22 15	23 15	23 15				
JL	02	23	26 08	29 10	29 10	30 08	28 11					
JL	03	05	30 14	31 12	31 21	30 21						
JL	06	05	27 18	28 18	27 20	28 23	27 22					
JL	06	11	28 22	28 30	29 27							
JL	06	17	30 15	33 17	34 18	33 24	33 28	30 28	31 34	30 29		
JL	08	05	27 18	28 18	27 20	28 23	27 22					
JL	08	23	27 13	28 18	27 22	27 23						
JL	09	05	27 22	27 35	27 39							
JL	10	01	26 21	26 36	25 41	25 53						
JL	10	05	29 12	27 19	27 42	26 20	25 21					
JL	11	05	33 29	34 30	33 38	32 52	32 42					
JL	12	05	29 15	30 21	29 26	29 26	28 20	29 16	27 15	27 23		
JL	13	05	18 26	19 28	19 37	18 42						
JL	14	23	28 10	24 17	23 35							
JL	15	05	26 30	26 29	25 48							
JL	15	23	26 23	26 34	25 38							
JL	16	05	26 30	26 29	25 48							
JL	18	23	31 20	31 23	30 30							
JL	19	01	29 22	28 22	28 28	27 30	27 30	27 30	27 28			
JL	20	05	29 20	29 22	28 27	28 32	28 31	28 26	28 20	28 28		
JL	21	23	25 20	26 26	26 21	26 23	26 25	25 22	25 27			
JL	22	05	29 31	29 26	29 28	29 50	29 23					
JL	23	02	30 35	30 37	30 37							
JL	24	05	26 28	26 13	24 23	24 25	24 11					
JL	25	05	20 24	22 13	21 29							
JL	26	05	26 30	25 36	25 50	23 52	24 40					
JL	26	23	26 20	25 23	24 27	23 38						
JL	27	05	27 23	27 32	26 35	26 25	26 22					
JL	28	23	31 15	30 18	29 24	28 27	29 22	28 20				
AB	01	11	00 00	12 01	17 03	20 13	21 14	22 14	21 11	21 15		
AB	01	23	32 05	31 07	29 12							
AB	02	17	36 06	36 04	01 11	05 10						
AB	02	23	36 06	35 06	01 08	01 12						
AB	03	05	35 04		04 06	06 05	06 03	36 04	01 08	03 12		
AB	03	11	15 09	16 07	15 08	13 07	12 07	09 07	10 10	12 11		
AB	04	05	16 12	18 09	17 10							
AB	04	11	18 08	20 08	21 08	21 16						
AB	06	05	24 13	27 21	26 23	25 28	25 27	24 19				
AB	06	11	25 18	27 12	27 18	26 25	25 15					
AB	06	21	27 14	28 14	27 20							
AB	07	05	28 22	28 30	28 24							
AB	08	04	26 18	24 20	25 17	24 40	23 22	24 28				
AB	08	23	25 24	26 30	26 32	26 34						
AB	13	23	28 11	28 15	28 21	27 20	26 23	26 25	27 10	25 14		
AB	14	04	32 18	34 20	33 22	33 28	33 30	32 22	32 22	31 27		
AB	15	04	28 17	28 20	27 26	26 27	26 22	26 20	27 19	26 17		
AB	15	23	26 30	26 19	25 35							
AB	16	05	26 17	27 20	27 19	27 25	26 28	26 30	26 45	25 40		
AB	16	23	30 22	30 28	29 29	29 38	29 40					
AB	17	05	30 23	31 28	31 30	30 44						

RESULTS OF PILOT BALLOON OBSERVATIONS AT MACQUARIE ISLAND YEAR 1950												
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES		
AB	20	05	24 08	24 05	22 10							
AB	21	05	19 17	20 09	21 17							
AB	22	05	29 33	29 50	29 54	29 72						
AB	23	05	24 24	23 12	23 22							
AB	23	23	28 25	28 40	28 40	28 26						
AB	25	05	29 34	29 38	28 41	27 45						
AB	27	01	31 42	32 54	31 37							
AB	27	23	18 08	20 10	21 11	20 10						
AB	28	05	17 10	19 08	19 08	20 11						
AB	28	11	18 12	19 11	20 14	20 30	21 26					
AB	28	23	24 07	27 03	25 03	24 15						
AB	29	05	26 14	27 29	27 21	26 14	19 05	20 12	21 14	20 16		
AB	29	11	28 24	29 30	29 31	30 27						
AB	29	23	31 23	31 23	31 27	30 36						
AB	30	05	31 26	31 22	31 27							
AB	30	23	33 12	34 18	33 25							
SP	02	23	16 26	17 24	17 31							
SP	03	04	17 04	21 05	22 07	20 16	21 17	21 12	21 09	22 12		
SP	03	06	24 04	25 03	20 04	23 12	24 17	23 15	26 10			
SP	08	23	35 13	01 17	01 15	01 07	02 06	01 05	34 24			
SP	10	01	31 03	28 07	27 07	28 08	29 08	26 13	27 12	27 15		
SP	10	05	36 04	02 06								
SP	10	23	29 12	28 13	27 20	27 26	27 21	27 36	23 36			
SP	11	05	30 23	31 25	31 29	31 39	31 46	30 48	29 46			
SP	13	05	26 30	26 19	23 20	24 59						
SP	13	23	29 30	29 37	28 33	27 40	27 32					
SP	14	23	27 12	27 17	26 22	26 16						
SP	15	05	26 14	27 20	25 21	25 21	25 30					
SP	15	11	31 05	33 09	31 11	29 18	26 12	25 14				
SP	17	05	32 05	29 06	31 03	29 05	31 12					
SP	19	04	27 08	28 10	27 10	26 18	27 13	27 28	27 28	27 25		
SP	19	11	32 09	35 10	35 11	35 17	34 19	33 21	32 27			
SP	20	23	26 28	26 32								
SP	21	05	27 28	28 28	28 26	28 37	27 34	27 38				
SP	21	23	30 20	30 26	30 32	29 40	28 39					
SP	22	05	30 20	30 22								
SP	22	23	31 26	34 31	34 34							
SP	23	23	31 18	31 23	31 29							
SP	24	05	31 24	32 27	32 38	31 57						
SP	25	05	27 16	27 20	27 22	27 21	27 21	26 26	26 28	26 35		
SP	25	17	30 17	30 22	29 28	29 33	29 35	29 28				
SP	25	23	31 21	32 27	31 31	30 35	29 28	29 26	29 32	28 44		
SP	26	05	31 21	31 21	30 28	29 28	29 24	29 23				
SP	26	23	30 17	30 25	29 27	28 24	28 21					
SP	27	05	29 18	29 23	28 27	27 26	28 21	27 24				
SP	28	05	27 12	27 13	28 12	26 19	27 17	24 07				
SP	30	05	30 14	32 16								
SI	01	23	25 14	26 15	25 14	26 34	28 52	28 53				
SI	02	23	30 20	32 18	31 22	31 23	31 23					
SI	03	05	30 19	30 22	29 28	29 28	27 25	28 26	28 31	27 39		
SI	04	05	31 15	32 20	31 27							
SI	05	05	33 25	35 27	35 43	34 43	34 41					
SI	06	19	25 13	25 13	25 25	25 26	24 28					
SI	07	02	31 08	31 11	31 11	31 14	32 15	31 15	24 05	25 06		
SI	07	05	34 08	36 11	01 11	01 21	01 18	01 14	34 09	30 09		
SI	07	11	02 04	05 10	05 18	04 28	04 37					
SI	07	17	36 08	04 14	03 15							
SI	08	12	28 20	29 21	29 22	29 27	28 29	28 23	27 30			
SI	08	21	28 22	29 26	29 29	29 40	29 44	27 40	27 44			
SI	08	23	29 26	30 30	30 34	29 38	29 38	29 40	29 48	28 52		
SI	09	05	32 30	33 30	33 41	32 53	31 57					
SI	10	23	25 26	25 29	25 25							
SI	11	05	27 14	27 13	27 17	27 14	28 15	28 17	28 24			
SI	11	08	28 15	30 14	30 14	31 19	32 23	32 20	31 22	31 19		
SI	11	11	31 15	33 17	33 22	33 17	32 22	31 26	34 33			
SI	11	23	26 11	28 10	28 11	27 14	28 18	28 19	28 23	28 26		
SI	12	05	28 17	28 25	27 25	27 27	26 21	26 21	26 30	26 39		
SI	14	05	29 30	30 36	29 39							
SI	14	23	27 39	28 40	28 20	27 28	26 58	26 67				
SI	15	05	25 30	26 26	24 36							
SI	15	23	26 28	27 31	25 30	26 38	27 31					
SI	16	05	26 23	26 26	26 28	26 32	25 35	25 34				
SI	16	17	29 16	32 17	31 22	31 34						
SI	18	17	24 10	25 10	24 23							
SI	18	23	18 12	19 12	19 14	19 14						
SI	19	05	15 08	14 11	14 09	15 06	19 02	18 03	16 04	18 04		

RESULTS OF PILOT BALLOON OBSERVATIONS AT MACQUARIE ISLAND YEAR 1950												
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES		
OCT	19	11	36 0 4	0 5	1 4	0 5	1 4	-	-	-		
OCT	20	17	25 1 0	2 5	1 2	2 2	1 7	2 3	1 8	-		
OCT	20	23	26 1 5	2 6	2 8	2 6	1 4	2 2	3 0	2 0	1 7	2 2 2 6
OCT	21	0 5	25 1 8	2 7	0 9	2 4	1 0	2 5	2 4	3 2	2 2	2 0 1 5 2 1 1 7
OCT	21	1 7	25 0 8	2 4	1 1	2 5	0 5	2 4	0 5	2 3	0 7	2 6 0 5 3 1 0 3
OCT	21	2 3	27 0 5	2 8	1 0	2 7	1 1	2 3	0 5	2 4	0 7	2 9 0 4 3 4 0 6
OCT	22	0 5	30 0 1	3 1	0 5	3 2	0 3	1 3	0 1	0 6	0 3	0 2 0 5 3 6 1 0 3 6 1 2
OCT	22	1 1	0 1 0 6	0 1	1 0	0 2	1 1	0 1	1 4	3 6	1 5	3 6 1 8 0 2 2 6 0 2 2 4
OCT	22	1 7	34 1 6	3 5	2 1	3 6	3 1	3 6	3 8	3 6	3 1	
OCT	22	2 3	33 1 8	3 5	2 1	3 5	2 7	3 5	2 5	3 5	3 0	
OCT	23	0 5	32 2 4	3 4	3 0	3 5	3 2	3 3	2 9	3 2	2 6	
OCT	23	0 5	22 0 4	2 1	0 4	-	-	-	-	-	-	
OCT	25	2 3	29 1 1	3 0	1 8	3 1	1 7	2 9	1 5	-	-	
OCT	26	0 5	29 1 1	3 0	1 6	3 0	2 1	3 0	2 3	3 0	0 8	3 0 1 1 3 0 1 5 2 9 3 4
OCT	26	2 3	31 0 2	3 2	0 2	3 1	0 2	0 1	0 3	0 1	0 2	2 9 1 1 2 9 1 7
OCT	28	2 3	17 1 6	2 0	1 0	2 2	1 6	2 1	3 2	-	-	
OCT	29	0 5	25 1 5	2 5	2 0	2 1	1 6	2 3	2 1	2 3	2 5	
OCT	29	2 3	31 2 4	3 1	2 8	3 1	3 5	3 1	3 6	3 0	3 6	3 0 4 2
OCT	30	0 5	31 2 9	3 2	3 0	3 1	3 5	3 1	5 0	3 1	4 7	
OCT	31	0 1	32 3 5	3 4	3 2	3 4	5 1	-	-	-	-	
OCT	31	0 5	30 3 5	3 5	3 2	3 1	4 3	3 1	5 6	3 1	6 0	
OCT	31	2 3	24 0 9	2 4	1 6	2 5	1 5	2 4	3 8	2 4	3 0	2 5 2 7 2 6 1 9 2 7 1 8
NOV	0 1	0 5	23 1 0	2 2	0 4	2 5	1 2	2 4	1 9	2 4	2 2	2 5 2 5
NOV	0 1	1 1	25 1 5	2 6	2 5	2 5	2 7	2 5	3 8	-	-	
NOV	0 1	1 7	27 1 4	2 8	2 4	2 8	2 3	2 7	2 4	2 6	2 7	
NOV	0 1	2 3	27 2 0	2 9	2 6	2 9	2 0	2 9	2 3	2 9	3 0	2 8 2 7
NOV	0 2	0 5	30 2 0	3 1	2 2	3 1	2 8	3 0	4 0	-	-	
NOV	0 3	1 7	25 1 9	2 7	1 8	2 6	1 9	2 6	2 7	2 6	3 0	2 6 3 0 2 6 2 9
NOV	0 3	2 3	25 1 4	2 6	2 0	2 6	3 2	2 6	2 6	2 6	2 2	2 7 2 7 2 7
NOV	0 4	2 3	24 1 7	2 3	0 8	2 4	1 2	2 3	2 7	2 1	3 2	
NOV	0 5	0 5	25 1 7	2 5	1 5	2 3	1 7	2 4	4 7	-	-	
NOV	0 6	0 5	25 2 4	2 6	2 0	2 5	2 2	2 5	3 8	2 5	3 5	
NOV	0 6	1 1	25 1 0	-	-	2 5	1 6	2 5	2 2	2 6	1 7	
NOV	0 6	1 7	25 0 6	2 6	0 8	2 6	1 1	2 6	1 4	-	-	
NOV	0 6	2 3	26 0 6	2 8	0 9	2 7	0 9	2 7	1 1	-	-	
NOV	0 7	0 5	1 4 0 7	1 6	1 1	1 6	1 5	2 2	0 5	3 1	2 5	
NOV	0 7	1 7	0 9 1 0	0 9	1 5	1 5	0 9	1 7	-	-	-	
NOV	0 7	2 3	0 9 0 8	0 9	1 3	0 8	1 5	-	-	-	-	
NOV	0 8	2 3	25 1 3	2 5	1 6	2 5	2 5	1 9	0 9	1 9	1 0	2 1 1 2 2 0 1 7 0 1 2 1
NOV	1 1	0 5	31 0 5	3 2	0 6	0 1	0 9	0 3	1 1	0 2	1 4	0 3 1 6 0 1 1 5 0 1 2 1
NOV	1 1	1 1	1 4 1 0	1 5	1 1	0 9	1 3	0 3	1 4	0 4	1 6	
NOV	1 2	0 2	31 2 1	3 2	2 3	3 1	3 6	3 0	3 6	3 0	3 7	3 0 3 3
NOV	1 2	0 5	31 1 7	3 2	2 2	3 1	2 9	3 1	3 2	3 0	3 3	3 1 3 4 3 1 2 6 3 0 2 8
NOV	1 3	0 3	30 2 8	3 2	2 4	3 1	3 5	-	-	-	-	
NOV	1 3	0 9	2 6 2 1	2 7	3 5	2 7	4 3	-	-	-	-	
NOV	1 3	2 3	27 1 6	2 9	2 4	2 9	3 0	2 9	4 2	2 8	4 5	2 8 4 1
NOV	1 4	0 3	29 2 2	3 0	3 5	2 9	3 0	2 8	3 8	2 9	4 0	2 9 4 5 2 9 4 2
NOV	1 4	0 5	28 2 0	2 9	2 2	2 9	2 7	2 8	4 0	2 8	4 4	2 8 4 4 2 9 4 5
NOV	1 4	1 1	27 1 4	2 8	2 4	2 8	2 5	2 8	2 1	-	-	
NOV	1 4	1 7	28 1 0	3 0	1 5	2 9	1 8	2 9	2 0	2 9	2 1	3 3 2 0 1 8 3 1 1 9
NOV	1 4	2 3	3 3 0 4	3 6	1 0	3 6	1 2	3 4	1 4	3 3	1 9	3 2 2 0 3 0 1 8 3 1 1 9
NOV	1 5	2 3	1 6 2 8	1 7	2 4	1 7	2 6	1 2	3 4	-	-	
NOV	1 6	2 3	2 4 1 2	2 5	1 9	2 4	5 5	2 2	2 2	-	-	
NOV	1 7	0 7	2 5 1 6	2 4	1 5	2 3	5 7	2 2	2 5	-	-	
NOV	1 7	2 3	2 5 2 7	2 6	3 9	2 4	2 5	2 2	2 6	-	-	
NOV	1 8	0 5	2 5 2 5	2 7	1 7	2 6	1 4	-	-	-	-	
NOV	1 8	1 7	30 1 8	3 2	2 8	3 2	4 0	3 0	4 5	3 0	3 5	
NOV	1 8	2 3	3 2 2 3	3 4	3 1	3 4	3 9	3 3	6 0	-	-	
NOV	1 9	1 7	28 1 5	2 9	2 5	2 9	2 9	2 9	3 6	2 8	3 8	2 9 3 0 2 9 1 9 3 0 2 4
NOV	1 9	2 3	31 2 0	3 3	2 4	3 2	2 9	3 1	3 5	3 1	3 6	3 1 3 2 3 1 3 6
NOV	2 0	0 5	27 2 3	2 8	2 7	2 8	2 9	2 8	4 1	2 8	2 0	
NOV	2 0	2 3	31 1 7	3 3	2 2	3 1	2 5	3 0	2 2	3 1	2 4	
NOV	2 1	0 5	2 8 0 8	3 1	1 3	3 1	1 6	3 3	2 0	3 3	0 7	
NOV	2 1	1 7	1 7 1 9	2 1	1 1	2 2	1 5	2 2	2 5	-	-	
NOV	2 1	2 3	2 0 1 0	1 9	1 2	2 2	1 1	2 1	2 0	2 2	2 9	2 2 3 8
NOV	2 2	0 5	2 7 1 0	2 7	1 7	2 9	2 5	2 7	1 7	2 7	2 8	2 7 2 5
NOV	2 3	1 7	1 8 0 5	2 0	0 3	2 3	0 7	2 5	1 6	2 4	1 8	2 2 0 9 2 4 1 6
NOV	2 3	2 3	3 0 1 2	3 2	1 6	3 2	1 5	3 1	1 4	2 9	1 3	2 8 2 0
NOV	2 4	0 5	3 2 1 3	3 4	1 6	3 4	1 8	3 3	2 4	-	-	
NOV	2 4	2 3	2 6 1 6	2 6	2 6	2 5	2 9	2 5	2 4	-	-	
NOV	2 5	0 5	2 6 1 7	2 8	3 7	2 8	3 0	2 7	2 7	-	-	
NOV	2 5	1 1	3 2 0 8	3 3	1 5	3 1	1 8	3 0	1 8	3 0	2 1	3 0 2 4 2 9 2 2
NOV	2 5	2 3	2 8 2 0	2 9	1 9	2 9	1 9	2 2	2 2	2 9	2 8	2 9 2 5
NOV	2 6	0 5	2 7 2 9	2 8	3 3	2 7	5 3	2 7	7 0	2 7	4 0	
NOV	2 6	1 7	2 7 1 7	2 9	2 0	2 9	2 2	2 9	2 3	2 8	1 8	
NOV	2 8	0 5	3 2 2 2	3 3	2 9	3 2	4 3	-	-	-	-	
NOV	2 8	2 3	2 8 2 2	2 9	2 1	2 8	3 1	2 8	3 6	2 8	3 3	
NOV	2 9	0 5	2 7 2 2	2 8	3 5	2 7	3 6	2 7	3 3	2 7	4 0	

RESULTS OF PILOT BALLOON OBSERVATIONS AT MACQUARIE ISLAND YEAR 1950												
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES		
NOV	29	18	28 24	28 22	27 26	27 35	27 36	27 44	27 36	27 43		
NOV	29	23	28 24	28 34	28 45	27 33	27 41					
NOV	30	05	27 27	29 17	28 37	28 47	28 42	27 42				
NOV	30	18	25 26	26 45	26 49	26 53						
NOV	30	23	22 07	27 07	25 06							
DEC	01	05	22 05	24 04	23 07	21 13	21 16	21 18	22 15	23 15		
DEC	01	11	23 05	24 09	23 15	24 11	22 12	21 14	22 17			
DEC	01	17	26 10	27 11	27 14	27 18	27 17	27 18				
DEC	01	23	30 16	33 18	33 20							
DEC	02	18	25 14	26 20	26 25	26 29	26 35	26 26	27 17	27 31		
DEC	02	23	27 13	28 20	27 27	27 31						
DEC	03	05	25 29	26 31	26 46	25 45						
DEC	04	05	24 15	24 18	23 32							
DEC	04	23	33 17	35 17	32 26	36 33	33 34	33 25				
DEC	05	23	27 23	29 30	28 21	28 31	28 36	27 41				
DEC	06	11	25 15	28 19	27 18	27 18	27 20	27 29				
DEC	06	17	20 03	22 15	22 23	22 27	21 31	22 23				
DEC	07	05	17 14	20 12	21 16	20 13						
DEC	07	11 16	08 20	15	20 13	20 13	20 10					
DEC	07	17 32	04 33	07	34 09	35 06						
DEC	07	23 05	05 04	12	05 20	05 23						
DEC	09	11 15	10 17	12	17 15	16 17						
DEC	11	05 12	17 14	24	14 25	14 23						
DEC	11	23 14	18 17	26	17 24	16 29	16 19					
DEC	12	05 15	10 17	14	18 17	19 11	20 10	19 14				
DEC	12	11 23	02 24	08	24 06	21 04	21 03	21 07	20 11	24 08		
DEC	12	17 32	10 34	16	34 14	33 19	31 17	29 17	28 09	29 11		
DEC	13	05 32	16 35	20	35 29	33 28	33 22	34 19	33 16	31 16		
DEC	13	23 32	17 35	24	34 32	34 39	34 36	35 34	34 30	33 28		
DEC	14	05 35	15 36	21	35 30							
DEC	14	23 36	10 01	13	04 38							
DEC	15	05 27	25 28	15	28 18	28 16	27 14					
DEC	16	23 29	26 29	35	29 36	28 44						
DEC	17	05 27	17 28	15	28 16	28 14	28 13					
DEC	17	23 27	22 28	20	27 35	27 43	27 43					
DEC	18	11 26	19 28	30	27 34	27 39	27 40					
DEC	18	17 30	16 31	24	30 28	29 32	29 30					
DEC	19	19 29	29 31	31	30 34	30 44						
DEC	19	23 29	31 30	36	30 43	29 47						
DEC	20	05 28	29 29	39	29 33	29 46	29 55					
DEC	20	17 28	24 29	31	27 34	27 45	27 44					
DEC	20	23 28	22 30	31	29 36	29 39	28 39					
DEC	21	03 30	26 32	33	31 44							
DEC	22	17 25	09 25	27	24 36							
DEC	22	23 26	19 26	25	26 26	26 33						
DEC	23	05 25	23 27	30	26 38	26 35	25 29	25 34	25 39	25 55		
DEC	23	17 29	16 30	22	29 29	29 35	28 35					
DEC	23	23 25	29 26	38	26 51	26 39	26 40					
DEC	24	05 25	23 27	35	26 37	25 37	25 29					
DEC	27	05 15	22 17	22	18 28	19 23						
DEC	27	11 18	09 21	09	21 19	20 21	20 22	20 25				
DEC	27	17 20	07 20	07	22 11	22 22	22 22					
DEC	27	23 20	07 22	08	22 07	22 14						
DEC	28	05 25	10 27	10	27 18	26 22	26 21	25 24				
DEC	28	23 29	17 30	23	29 32	28 32	28 27					
DEC	29	05 30	18 32	26	30 35	30 34	30 28	31 24	30 25			
DEC	29	11 31	21 33	27	32 38							
DEC	29	17 31	24 34	29	33 41	33 58	33 42					
DEC	30	05 32	15 35	21	34 30	33 34						
DEC	31	17 25	10 27	13	27 15							
DEC	31	23 31	09 33	13	31 17	30 20	29 18	28 16	26 18	26 18		

RESULTS OF PILOT BALLOON OBSERVATIONS AT MACQUARIE ISLAND YEAR 1950											
MONTH	DAY	HOUR	2100 METRES	2400 METRES	3000 METRES	3600 METRES	4500 METRES	5400 METRES	6000 METRES	7500 METRES	9000 METRES
JAN	13	05	26 17	26 12	26 19	26 17					
JAN	21	05	30 23								
FEB	07	23	28 24								
FEB	26	08	25 26								
FEB	30	23	27 33	27 40							
MAR	26	11	32 26	32 28							
MAR	03	05	25 27	24 30							
MAR	04	23	24 49								
MAR	08	05	27 21	27 25	25 35	22 39					
MAR	27	23	09 05	13 02	22 02	20 05	30 04	34 12	31 09	27 06	
MAR	29	23	34 04	33 06	25 07	24 12	16 05				
JUL	06	17	30 31								
JUL	12	05	27 23	27 24	28 23	29 29					
AUG	01	11	21 19	22 16	21 14						
AUG	03	05	05 16	06 16							
AUG	05	11	12 10								
AUG	13	23	26 18	26 22	28 22	27 25	27 32				
AUG	14	04	31 32								
AUG	15	04	27 18	27 25							
AUG	29	05	20 17	19 15	21 18	20 20	19 22				
SEP	03	04	22 15	23 19							
SEP	03	06	25 16	25 19	25 13	24 22	21 23				
SEP	10	01	28 13	29 14	29 23	29 19					
SEP	19	04	27 24	27 27	28 23	27 25					
SEP	25	05	26 25	26 26	27 32						
SEP	25	23	27 30	26 15							
OCT	03	05	26 30	25 23							
OCT	07	02	25 16	25 20	26 22	28 26	28 41				
OCT	07	05	27 09	25 13	27 18	28 22	28 25	27 38	28 40		
OCT	08	23	29 50	29 51	28 59	27 58	26 63				
OCT	11	08	30 20	30 22	30 20	29 26					
OCT	19	05	29 01	22 01	25 11	26 16	28 13	26 19	28 27	30 48	
OCT	20	23	23 29	24 25	24 40	25 32	26 32	26 40			
OCT	21	05	22 21	22 17							
OCT	21	17	01 03	34 02	25 04	30 10					
OCT	21	23	35 09	34 04	34 03	27 04					
OCT	22	05	35 03	35 05	32 02	27 08	26 13	22 26	21 26	22 36	
OCT	22	11	36 16	36 13	35 13						
OCT	26	05	30 22	29 36	30 34						
NOV	11	05	01 19	01 23	03 28						
NOV	12	05	30 32	31 32							
NOV	14	23	31 26	31 30							
NOV	19	23	31 38								
DEC	01	05	24 18	24 22							
DEC	12	11	25 12	25 16	22 20						
DEC	12	17	27 07	27 08							
DEC	12	23	29 16	28 15	27 18						
DEC	23	05	25 46								
DEC	31	23	27 19	27 23	27 27	23 17	21 26				