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CONTENTS

INTRODUCTION

Page 3

	Heard Table	Island Page	Macquarie Table	Island Page
CLIMATOLOGICAL SUMMARY				
Pressure, Temperatures, Precipitation, Wind at Surface	1	20	2	21
FREQUENCY ANALYSES				
Station Level Pressure	3	22	4	23
Screen Temperature	5	22	6	23
Daily Extremes of Screen Temperature	7	24	8	25
Screen Temperature against Dew Point Depression	9	24	10	25
Direction of Surface Wind	11	26	12	27
Speed of Surface Wind	13	26	14	27
Speed of Maximum Daily Gust of Surface Wind	15	26	16	27
Daily Amount of Precipitation	17	26	18	27
Daily Duration of Bright Sunshine	19	28	20	29
Temperature at 850 mb	21	28	22	29
Temperature at 700 mb	23	28	24	29
Temperature at 500 mb	25	28	26	29
Temperature at 300 mb	27	30	28	31
Temperature at 200 mb	29	30	30	31
Temperature at 100 mb	31	30	32	31
Temperature at Tropopause	33	30	34	31
Pressure at Tropopause	35	32	36	33
Geopotential at Tropopause	37	32	38	33
DETAILS OF OBSERVATIONS				
Surface	39	34	40	82
Radiosonde	41	130	42	142
Tropopause (from radiosonde)	43	154	44	155
Upper Wind	45	156	46	162

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

1 The present volume contains all meteorological observations - surface, radiosonde and pilot balloon - made at Heard and Macquarie Islands during the year 1952, together with the frequency analyses of surface and upper air data.

2 The observations at Heard Island were carried out by -

R.A.Borland	-	Meteorologist
J.L.Atkinson	-	Observer
R.J.Frost	-	Observer
K.C.Hall	-	Observer

and at Macquarie Island by -

J.W.P.McCarthy	-	Meteorologist
L.J.Brooks	-	Observer
B.B.Pritchard	-	Observer

3 Surface observations were taken at three-hourly intervals from 0300 G.M.T. The observations are shown for the local standard times used at the islands. (At Heard Island the local standard time is five hours ahead of G.M.T., and at Macquarie Island, ten hours ahead of G.M.T.) The listing is as follows:

- 3.1 Station level pressure (thousand figure omitted) - millibars and tenths
- Surface wind direction - tens of degrees true
- Surface wind speed - knots
- Cloud amounts-oktas (save when the sky was indiscernible due to fog or for other reason when 9 is shown)
- Precipitation amount-points (1 point = 1 hundredth of an inch)
- Anemometer run - statute miles
- Sunshine - tenths of an hour

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

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

3.3 International Codes (reproduced on pp.10-19 in this volume for reference) are used for the description of:

Visibility (00-89)

Present weather (00-99)

Past weather (0-9)

Cloud types - low, middle and high (each 0-9)

Direction of cloud movement (0-9)

Height of the base of the low cloud (0-9)

3.4 Precipitation is a cumulative total for 24 hours up to 0800 L.S.T. at Heard Island and up to 1000 L.S.T. at Macquarie Island and is shown against the last observation of the day on which it was recorded.

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

3.6 The total sunshine for each day is shown against the last observation for the day on which it occurred.

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

4 Radiosondes were released daily from each island at 0800 G.M.T. until the beginning of October when the time of release was changed to 0400 G.M.T. The listing is as follows:

4.1 Surface information at the time of the release:

Pressure - (PPP) (thousand figure omitted) - whole
 millibars
Temperature - (TTT) - degrees and tenths centigrade
Mixing Ratio - (WW) - decigrams per kilogram of
 dry air

4.2 1000 mb information:

Height of the 1000 mb surface - (HHH) - geopotential
 dekametres -
(If the station level pressure was less than 1000 mb,
the height of the 1000 mb surface was computed by
assuming an isothermal atmosphere at the temperature
of the station downwards to 1000 mb. Plus or minus
signs have been assigned to the height depending on
whether it was above or below mean sea level).

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

Height of the pressure surface - (HHH) - geopotential
 dekametres above mean sea level
Temperature - (TTT) - in degrees and tenths centigrade
Mixing Ratio - (WW) - decigrams per kilogram of
 dry air

4.4 600 mb, 500 mb, and 400 mb information:

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

4.5 300 mb, 200 mb, 150 mb, 100 mb, 80 mb, and 60 mb information:

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

4.6 Tropopause information:

Height of tropopause - (HHHH) - geopotential dekametres

Pressure at the tropopause - (PPP) - millibars

Temperature at the tropopause - (TTT) - degrees and tenths centigrade (the minus sign is omitted).

Type of tropopause in accordance with recommended international practice -

Type 1 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 There is 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 the lapse rate does not exceed 2°C for any subsequent kilometre.

5 Upper wind observations were carried out at each island as opportunity offered for visual flights. The listing is as follows:

Time of release - nearest hour G.M.T.

Wind direction - tens of degrees

Wind speed - knots

6 Frequency analyses of surface data were prepared by grouping all the three hourly observations.

7 The Hollerith cards on which the observational data have been punched are held by the Meteorological Branch and requests for reproduction of these cards or for further analyses of any of the data should be addressed to -

The Director of Meteorology,

P.O. Box 1289K,

Melbourne, C.1,

Victoria, Australia

INSTRUMENTS AND OBSERVATIONAL METHODS

Atmospheric Pressure

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

Temperature

Dry bulb, wet bulb, maximum and minimum thermometers were mounted in a Stevenson screen. A continuous record of air temperature was given by a daily thermograph in the same screen.

Humidity

Relative humidity and dew point were obtained from dry and wet bulb thermometer readings. Continuous records of relative humidity were given by a daily hygograph in the same 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). The twenty-four-hour run of the wind was obtained from a cup anemometer.

Precipitation

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

Sunshine

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

Radiosonde Observations

Radiosonde observations were made using Australian made apparatus of the United States Weather Bureau pattern (Diamond Hinman) operating on 72 mc/s. The balloon (350 gram) was inflated to give a rate of ascent of approximately 300 metres per minute.

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

Upper Wind Observations

Upper wind observations were made by visual means following either a pilot balloon or the radiosonde balloon.

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

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

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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.

---oOo---

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 Fracto-stratus 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	2,500 m or more or no low cloud.

CODE FOR DIRECTION OF MOVEMENT OF

CLOUD CODE FIGURE

Code Figure

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

CLIMATOLOGICAL SUMMARY HEARD ISLAND, 1952

TABLE 1

HEARD ISLAND 1952

Latitude 53° 01' S

Longitude 73° 23' E

Height of Barometer Cistern
16 feet above Mean Sea Level

Month	Mean of three hourly readings			Temperatures				Precipitation		Run of Wind
	Station Level Pressure mb	Temperature		Mean Daily Max OF	Mean Daily Min OF	Highest Max OF	Lowest Min OF	Total Points	Number of Days	Mean Speed knots
		Dry Bulb OF	Dew Point OF							
Jan	991.5	38.3	34.9	41.4	35.5	45.0	31.7	519	26	12.6
Feb	1002.1	38.7	35.4	41.6	36.4	45.3	33.6	481	25	11.0
Mar	1003.0	38.2	34.0	41.1	35.1	45.1	32.6	552	28	11.4
Apr	993.8	37.0	33.1	40.3	33.7	49.6	30.1	673	26	13.1
May	994.0	34.5	30.1	37.8	31.0	46.4	22.9	648	26	14.0
June	989.6	31.6	27.0	34.7	28.1	42.1	22.3	405	21	16.4
July	997.6	33.2	28.9	35.9	29.8	48.0	22.0	354	23	16.7
Aug	1001.5	32.2	27.7	36.0	28.0	52.9	18.7	293	17	16.2
Sept	995.8	31.5	26.8	34.8	27.9	40.7	20.7	295	15	14.7
Oct	995.1	32.7	27.9	35.9	29.2	44.0	20.9	435	19	14.3
Nov	992.4	34.0	29.6	36.8	30.8	43.2	27.0	406	19	14.3
Dec	997.3	36.5	33.3	40.0	33.5	44.9	29.7	602	21	13.7
Year	996.1	34.9	30.7	38.0	31.6	52.9	18.7	5663	266	14.1

CLIMATOLOGICAL SUMMARY MACQUARIE ISLAND, 1952

TABLE 2

MACQUARIE ISLAND 1952

Latitude 54° 30' S

Longitude 158° 57' E

Height of Barometer Cistern
20 feet above Mean Sea Level

Month	Mean of three hourly readings			T e m p e r a t u r e s				Precipitation		Run of Wind
	Station Level Pressure mb	Temperature		Mean Daily Max OF	Mean Daily Min OF	Highest Max OF	Lowest Min OF	Total Points	Number of Days	Mean Speed knots
		Dry Bulb OF	Dew Point OF							
Jan	985.8	43.3	39.1	46.3	40.1	49.4	36.3	590	30	15.5
Feb	997.5	44.1	39.7	46.5	40.6	48.8	35.7	292	28	20.6
Mar	997.1	41.8	37.1	44.5	38.1	47.7	32.0	420	29	17.3
Apr	997.0	40.3	36.5	43.2	36.8	48.1	30.8	389	29	19.1
May	1000.1	37.1	33.6	40.1	34.0	46.0	25.9	309	30	16.1
June	992.7	37.3	34.5	39.9	34.3	43.8	25.0	331	25	14.7
July	1007.6	40.0	37.6	42.3	37.2	45.0	32.0	183	28	18.0
Aug	1004.1	39.8	36.6	42.7	36.1	44.8	28.3	178	25	17.5
Sept	993.2	40.2	37.4	43.1	36.7	45.3	32.2	386	26	17.8
Oct	1001.4	38.1	33.2	41.3	34.2	45.2	28.9	406	23	13.1
Nov	1001.2	39.5	34.6	43.0	36.0	49.3	29.0	281	18	12.1
Dec	1001.2	44.4	41.7	47.5	41.7	51.0	37.0	157	20	12.9
Year	999.1	40.5	36.8	43.4	37.1	51.0	25.0	3922	331	15.6

FREQUENCY ANALYSES HEARD ISLAND, 1952

Table 3 Station Level Pressure

Heard Island 1952

Range - mb	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
950.0 - 959.9	04	00	00	02	00	03	00	00	00	00	00	02	011
960.0 - 969.9	10	00	00	05	00	30	14	00	07	02	19	06	093
970.0 - 979.9	21	09	06	37	28	27	30	08	14	12	17	16	225
980.0 - 989.9	102	26	35	48	63	63	48	38	55	63	72	25	638
990.0 - 999.9	58	39	60	76	80	48	79	66	78	88	54	86	812
1000.0 - 1009.9	18	109	68	31	64	47	47	65	52	68	58	84	711
1010.0 - 1019.9	15	47	65	38	13	22	30	64	28	15	20	29	386
1020.0 - 1029.9	20	02	14	03	00	00	00	07	06	00	00	00	052

Table 5 Screen Temperature

Heard Island 1952

°F	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
19	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	00	01	00	00	00	001
22	00	00	00	00	00	00	00	01	00	01	00	00	002
23	00	00	00	00	00	00	00	05	01	00	00	00	006
24	00	00	00	00	01	04	00	08	01	01	00	00	015
25	00	00	00	00	01	02	01	06	06	06	00	00	022
26	00	00	00	00	07	08	02	09	09	04	00	00	039
27	00	00	00	00	08	17	07	07	11	05	00	00	055
28	00	00	00	00	09	11	10	09	10	10	02	00	061
29	00	00	00	00	05	14	08	09	21	13	03	00	073
30	00	00	00	00	13	15	18	21	19	11	08	02	107
31	00	00	00	02	11	42	18	26	23	24	17	05	168
32	00	00	00	11	16	43	29	20	34	37	26	03	219
33	02	00	02	16	15	32	36	27	44	34	40	07	255
34	03	03	06	20	16	20	33	23	35	35	57	21	272
35	05	06	15	17	29	09	41	25	09	37	39	42	274
36	32	11	25	32	43	05	24	14	08	09	18	51	272
37	50	35	45	43	30	08	07	15	05	07	16	40	301
38	51	52	46	39	18	04	04	07	00	02	06	35	264
39	41	55	50	32	04	02	05	04	03	03	03	18	220
40	37	35	31	04	07	02	00	01	00	04	02	13	136
41	16	16	08	07	06	00	04	01	00	04	01	02	065
42	04	11	11	04	03	02	01	04	00	01	01	06	048
43	07	05	05	04	04	00	00	03	00	00	01	03	032
44	00	03	04	07	01	00	00	00	00	00	00	00	015
45	00	00	00	01	00	00	00	00	00	00	00	00	001
46	00	00	00	00	01	00	00	00	00	00	00	00	001
48	00	00	00	01	00	00	00	01	00	00	00	00	002

FREQUENCY ANALYSES MACQUARIE ISLAND, 1952

Table 4 Station Level Pressure

Macquarie Island 1952

Range - mb	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
930.0 - 939.9	01	00	00	00	00	00	00	00	00	00	00	00	001
940.0 - 949.9	02	00	00	00	00	02	00	00	00	00	00	00	004
950.0 - 959.9	03	00	00	00	00	06	00	00	00	00	00	00	009
960.0 - 969.9	17	00	04	00	00	18	00	00	05	00	00	00	044
970.0 - 979.9	44	06	12	07	02	33	04	00	12	07	00	01	128
980.0 - 989.9	79	61	31	57	38	40	05	01	67	51	30	31	491
990.0 - 999.9	80	68	99	87	104	53	36	69	88	54	72	80	890
1000.0 - 1009.9	22	65	85	62	53	51	101	119	68	72	108	102	908
1010.0 - 1019.9	00	32	17	27	35	35	77	58	00	45	24	19	369
1020.0 - 1029.9	00	00	00	00	16	02	25	01	00	16	06	15	081
1030.0 - 1039.9	00	00	00	00	00	00	00	00	00	03	00	00	003

Table 6 Screen Temperature

Macquarie Island 1952

°F	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
26	00	00	00	00	00	03	00	00	00	00	00	00	003
27	00	00	00	00	02	04	00	00	00	00	00	00	006
28	00	00	00	00	00	03	00	00	00	00	00	00	003
29	00	00	00	00	02	03	00	00	00	00	00	00	005
30	00	00	00	00	01	03	00	00	00	05	02	09	011
31	00	00	00	00	08	03	00	01	00	03	04	00	019
32	00	00	00	00	08	04	00	05	00	07	06	00	030
33	00	00	00	02	12	08	02	03	00	10	08	00	045
34	00	00	02	04	22	12	08	10	07	14	10	00	089
35	00	00	02	06	30	22	06	14	05	20	14	00	119
36	00	00	05	11	22	36	08	11	12	30	16	00	151
37	01	00	09	16	30	21	14	09	11	21	15	00	147
38	04	03	22	18	28	14	22	17	20	28	22	04	202
39	10	03	22	26	22	21	28	17	25	17	21	03	215
40	22	06	20	46	18	23	49	29	31	17	21	10	292
41	26	11	25	36	10	25	35	27	39	23	11	08	276
42	26	24	24	23	17	28	34	67	50	27	14	20	354
43	39	21	25	21	12	07	31	34	34	18	28	30	300
44	36	45	38	21	04	00	11	04	06	08	32	39	244
45	39	64	36	05	00	00	00	00	00	00	11	57	212
46	27	49	16	03	00	00	00	00	00	00	03	37	135
47	11	06	01	02	00	00	00	00	00	00	00	23	043
48	06	00	00	00	00	00	00	00	00	00	01	15	022
49	01	00	00	00	00	00	00	00	00	00	01	02	004
45	00	00	01	00	00	00	00	00	00	00	00	00	001

FREQUENCY ANALYSES HEARD ISLAND, 1952

Table 7 Daily Extremes of Screen Temperatures

Heard Island 1952

°F	Max	Min	°F	Max	Min	°F	Max	Min	°F	Max	Min
15			25		14	35	25	29	45	14	
16			26		4	36	26	28	46	2	
17			27		15	37	35	26	47		
18			28	3	17	38	31	11	48	1	
19		3	29	4	29	39	34	4	49		
20			30	3	30	40	32		50	1	
21		2	31	8	26	41	38		51		
22		5	32	13	31	42	17		52		
23		5	33	13	41	43	17		53	1	
24		9	34	33	37	44	15		54		

Table 9 Screen Temperature V Dew Point Depression

Heard Island 1952

°F	Dew Point Depression																			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	<17	
19	000	00	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
20	000	00	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
21	000	00	00	00	00	00	00	01	00	00	00	00	00	00	00	00	00	00	00	00
22	000	01	00	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
23	001	00	00	02	00	01	02	00	00	00	00	00	00	00	00	00	00	00	00	00
24	000	02	00	03	01	01	01	02	01	01	02	00	01	00	00	00	00	00	00	00
25	002	04	00	04	01	01	00	07	02	01	00	00	00	00	00	00	00	00	00	00
26	001	00	02	04	00	02	05	10	08	01	01	03	00	01	01	00	00	00	00	00
27	000	00	05	12	04	02	16	03	02	04	03	02	00	00	00	02	00	00	00	00
28	001	01	01	08	06	06	12	01	07	03	10	02	02	01	00	00	00	00	00	00
29	002	05	05	20	02	07	11	00	03	03	06	00	03	01	03	00	02	00	00	00
30	007	07	04	30	06	06	19	08	03	08	01	00	02	02	00	01	01	00	00	02
31	007	10	17	52	07	10	37	10	03	08	01	06	00	00	00	00	00	00	00	00
32	022	27	22	48	24	14	30	09	02	11	03	02	04	03	00	00	00	00	00	00
33	029	28	28	62	20	06	46	07	06	14	03	03	03	00	00	00	00	00	00	00
34	027	24	26	39	18	22	53	21	12	16	05	04	04	00	00	00	01	00	00	00
35	023	30	15	55	24	23	41	17	12	24	05	03	02	00	00	00	00	00	00	00
36	021	35	30	60	20	23	36	09	10	17	02	02	02	02	03	00	00	00	00	00
37	023	31	40	53	34	50	24	19	15	02	02	01	03	02	00	00	00	00	00	00
38	028	17	39	32	37	54	16	15	17	02	04	01	02	00	00	00	00	00	00	00
39	030	35	40	28	12	30	15	17	06	04	02	01	00	00	00	00	00	00	00	00
40	025	21	29	14	07	13	11	04	09	01	01	00	00	00	00	00	00	00	00	01
41	009	09	21	06	05	03	03	07	02	00	00	00	00	00	00	00	00	00	00	00
42	011	10	14	03	03	04	00	01	02	00	00	00	00	00	00	00	00	00	00	00
43	003	09	14	01	02	03	00	00	00	00	00	00	00	00	00	00	00	00	00	00
44	000	04	06	02	01	02	00	00	00	00	00	00	00	00	00	00	00	00	00	00
45	000	00	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
46	000	00	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
48	000	00	00	01	00	00	00	00	01	00	00	00	00	00	00	00	00	00	00	00

continued on next page

FREQUENCY ANALYSES MACQUARIE ISLAND, 1952

Table 8 Daily Extremes of Screen Temperatures

Macquarie Island 1952

°F	Max	Min	°F	Max	Min	°F	Max	Min	°F	Max	Min
15			25		2	35	4	22	45	37	3
16			26		2	36	5	38	46	29	
17			27		1	37	12	37	47	34	
18			28		3	38	8	35	48	14	
19			29		3	39	18	36	49	13	
20			30		10	40	19	29	50	3	
21			31		9	41	24	30	51	1	
22			32		14	42	32	11	52		
23			33		23	43	55	21	53		
24			34	1	25	44	57	12	54		

Table 10 Screen Temperature V Dew Point Depression

Macquarie Island 1952

°F	Dew Point Depression																		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	<17
26	000	00	00	00	00	00	00	03	00	00	00	00	00	00	00	00	00	00	00
27	000	00	00	00	02	02	00	02	00	00	00	00	00	00	00	00	00	00	00
28	000	00	00	00	00	00	02	00	00	00	01	00	00	00	00	00	00	00	00
29	000	00	00	02	00	00	01	00	00	01	00	00	01	00	00	00	00	00	00
30	000	01	00	01	01	01	02	01	01	01	01	00	01	00	00	00	00	00	00
31	000	00	00	03	03	01	05	02	03	01	01	00	00	00	00	00	00	00	00
32	003	02	00	03	00	01	06	04	03	06	01	00	00	01	00	00	00	00	00
33	003	04	04	02	03	01	07	05	07	04	03	01	00	00	00	00	00	00	01
34	010	05	03	15	06	03	14	09	04	07	01	03	04	00	00	01	03	00	01
35	017	12	02	13	08	09	24	05	05	06	03	08	05	01	00	01	00	00	00
36	007	15	11	25	09	07	26	04	10	16	07	06	04	01	01	02	00	00	00
37	011	08	15	29	14	26	08	07	12	00	05	01	08	02	01	00	00	00	00
38	021	17	13	32	10	37	07	08	31	04	04	03	09	01	03	02	00	00	00
39	035	19	47	16	13	38	10	04	13	04	01	13	00	00	00	02	00	00	00
40	059	33	60	15	16	37	07	18	20	07	02	14	01	00	00	03	00	00	00
41	056	46	61	05	11	42	03	02	26	01	01	05	02	00	05	00	00	00	00
42	063	81	08	15	05	39	06	02	20	01	00	08	00	01	07	00	00	00	00
43	070	35	96	12	08	28	02	05	31	04	04	01	01	01	00	00	00	00	00
44	063	32	65	05	09	36	04	16	01	00	10	02	00	01	00	00	00	00	00
45	069	15	55	08	03	26	04	20	00	00	09	00	01	02	00	00	01	00	00
46	036	14	47	04	03	14	02	09	01	00	07	00	00	00	00	00	00	00	00
47	011	08	06	01	11	00	01	03	00	00	00	00	00	00	00	00	00	00	00
48	005	00	03	01	08	01	01	03	00	00	00	00	00	00	00	00	00	00	00
49	000	00	00	00	00	02	01	01	00	00	00	00	00	00	00	00	00	00	00

FREQUENCY ANALYSES HEARD ISLAND, 1952

Table 11 Direction of Surface Wind

Heard Island 1952

Direction x10°	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
Calm	11	10	15	08	10	06	01	03	07	08	05	05	089
35 - 36 - 01	04	08	07	06	04	04	05	02	10	12	10	10	082
02 - 03 - 04	10	09	09	13	04	05	04	00	06	04	02	10	076
05 - 06 - 07	20	05	17	23	03	04	02	12	07	09	05	20	127
08 - 09 - 10	01	03	04	02	05	12	07	04	06	04	06	04	058
11 - 12 - 13	02	00	00	01	00	01	00	01	00	00	00	00	005
14 - 15 - 16	00	00	01	00	00	00	00	00	00	00	00	00	001
17 - 18 - 19	13	04	06	06	04	08	02	00	04	03	01	03	054
20 - 21 - 22	52	55	50	41	39	64	26	20	25	20	21	31	444
23 - 24 - 25	32	25	63	31	70	58	69	85	48	42	74	49	647
26 - 27 - 28	67	67	40	47	51	39	56	40	51	49	53	59	629
29 - 30 - 31	30	37	26	49	45	36	63	70	56	72	41	40	565
32 - 33 - 34	06	09	10	13	13	03	13	10	20	25	12	17	151

Table 13 Surface Wind Speed

Heard Island 1952

Range - knots	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
Calm	011	010	015	008	010	006	001	003	007	008	005	005	0089
1 - 9	049	052	053	037	027	024	016	024	035	037	031	052	0437
10 - 19	068	104	074	081	094	047	060	060	074	089	099	114	0964
20 - 29	091	055	067	078	091	101	119	105	083	082	084	048	1004
30 - 39	029	008	034	032	023	051	043	052	039	029	017	017	0374
40 - 49	000	001	005	003	003	011	008	004	002	003	003	007	0050
50 - 59	000	002	000	001	000	000	001	000	000	000	001	004	0009
60 - 69	000	000	000	000	000	000	000	000	000	000	000	001	0001

Table 15 Speed of Daily Maximum Gust of Wind

Heard Island 1952

Range - knots	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
01 - 09	00	00	01	00	00	00	00	00	00	00	00	00	001
10 - 19	00	00	00	00	00	00	00	00	00	02	00	00	002
20 - 29	05	02	04	00	01	00	00	01	02	01	02	03	021
30 - 39	08	11	09	05	06	03	01	02	04	04	04	10	067
40 - 49	04	12	06	08	10	10	05	05	06	07	08	08	089
50 - 59	10	00	08	09	05	10	09	09	10	10	13	03	096
60 - 69	03	03	02	04	03	03	07	07	02	05	01	02	042
70 - 79	00	00	00	03	05	04	08	07	04	01	01	02	035
80 - 89	01	01	01	01	01	00	01	00	02	00	00	02	010
90 - 99	00	00	00	00	00	00	00	00	00	01	00	00	001
100 - 109	00	00	00	00	00	00	00	00	00	00	01	01	002

Table 17 Daily Amount of Precipitation

Heard Island 1952

Range - points	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
Nil	05	04	02	04	05	09	08	14	15	12	11	10	099
001 - 009	14	08	12	08	13	15	11	06	05	08	08	05	113
010 - 019	05	07	03	06	02	01	05	07	05	02	02	08	053
020 - 029	01	06	06	06	04	00	05	01	02	04	04	00	039
030 - 039	02	02	04	01	01	01	00	00	00	02	01	02	016
040 - 049	00	00	02	01	00	01	00	01	00	01	01	00	011
050 - 059	01	00	02	02	01	00	01	00	00	00	00	00	003
060 - 069	00	01	00	00	01	00	00	00	01	00	00	02	007
070 - 079	01	01	00	00	02	00	00	00	00	00	00	00	005
080 - 089	00	00	00	00	00	01	00	00	00	00	01	00	004
090 - 099	02	00	00	00	00	00	00	00	00	01	00	00	001
100 - 109	00	00	00	00	00	00	00	00	00	00	00	00	001
120 - 129	00	00	00	01	00	00	00	00	00	00	00	00	001
130 - 139	00	00	00	00	00	00	00	00	00	00	00	01	001

FREQUENCY ANALYSES MACQUARIE ISLAND, 1952

Table 12 Direction of Surface Wind

Macquarie Island 1952

Direction x10°	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
Calm	14	04	06	07	21	27	08	11	11	10	31	10	160
35 - 36 - 01	13	15	07	01	00	12	09	13	26	08	06	02	112
02 - 03 - 04	05	00	01	00	00	05	04	00	02	00	00	00	017
05 - 06 - 07	00	00	00	00	01	07	01	01	00	00	01	00	011
08 - 09 - 10	04	00	00	03	01	03	03	00	02	10	02	15	043
11 - 12 - 13	01	01	00	08	35	04	06	01	03	09	16	12	096
14 - 15 - 16	03	02	11	18	35	30	04	02	01	22	32	07	167
17 - 18 - 19	10	01	05	12	18	12	05	09	02	10	18	04	106
20 - 21 - 22	07	02	06	05	05	08	00	02	02	04	07	00	048
23 - 24 - 25	10	04	17	15	38	22	22	08	04	27	18	11	196
26 - 27 - 28	86	43	85	90	60	52	71	40	53	78	33	61	752
29 - 30 - 31	50	83	62	61	26	30	73	93	70	38	47	78	711
32 - 33 - 34	45	77	48	20	08	28	42	68	64	32	29	48	509

Table 14 Speed of Surface Wind

Macquarie Isla

Range - knots	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
Calm	014	004	006	007	021	027	008	011	011	010	031	010	010
1 - 9	030	013	033	030	048	051	026	029	026	042	091	064	064
10 - 19	091	047	082	068	066	067	069	059	082	059	084	105	105
20 - 29	079	102	088	093	073	063	091	103	092	098	033	065	065
30 - 39	026	066	036	037	033	030	052	039	026	038	001	004	004
40 - 49	005	000	003	005	007	002	002	007	003	001	000	000	000
50 - 59	001	000	000	000	000	000	000	000	000	000	000	000	000
60 - 69	001	000	000	000	000	000	000	000	000	000	000	000	000
70 - 79	001	000	000	000	000	000	000	000	000	000	000	000	000

Table 16 Speed of Daily Maximum Gust of Surface Wind

Macquarie Island 1952

Range - knots	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
01 - 09	00	00	00	00	00	00	01	00	00	00	00	00	001
10 - 19	02	01	00	00	03	01	00	02	00	01	05	03	018
20 - 29	03	00	03	01	05	06	04	03	03	03	14	09	054
30 - 39	13	10	10	10	10	12	10	06	13	10	06	16	126
40 - 49	07	14	07	11	05	04	07	09	05	05	05	02	081
50 - 59	03	03	11	06	06	04	03	06	07	08	00	01	058
60 - 69	02	01	00	02	01	01	05	03	02	04	00	00	021
70 - 79	00	00	00	00	01	02	02	01	00	00	00	00	006
90 - 99	01	00	00	00	00	00	00	00	00	00	00	00	001

Table 18 Daily Amount of Precipitation

Macquarie Island 1952

Range - points	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
Nil	01	01	03	01	01	05	03	06	04	08	12	11	056
001 - 009	11	15	16	13	22	18	22	18	13	12	12	15	187
010 - 019	10	07	05	09	04	03	04	05	05	03	01	03	059
020 - 029	03	05	05	06	01	00	01	02	04	04	03	01	035
030 - 039	04	01	01	00	02	02	00	00	02	01	00	01	014
040 - 049	00	00	00	00	00	00	01	00	01	02	01	00	005
050 - 059	01	00	00	00	00	00	00	00	00	00	00	00	001
060 - 069	00	00	00	00	00	01	00	00	01	00	00	00	002
070 - 079	00	00	00	00	01	00	00	00	00	00	00	00	001
080 - 089	00	00	00	00	00	01	00	00	00	01	00	00	002
090 - 099	00	00	01	01	00	00	00	00	00	00	00	00	002
110 - 119	00	00	00	00	00	00	00	00	00	00	01	00	001
130 - 139	01	00	00	00	00	00	00	00	00	00	00	00	001

FREQUENCY ANALYSES HEARD ISLAND, 1952

Table 19 Daily Duration of Bright Sunshine

Heard Island 1952

Range - hours	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
Nil	11	11	12	12	14	14	18	13	12	18	10	13	158
0.1 - 0.9	11	07	09	09	07	09	06	08	07	02	08	11	094
1.0 - 1.9	03	04	07	04	03	03	04	02	01	03	04	02	040
2.0 - 2.9	01	03	03	03	04	02	02	04	03	01	01	02	029
3.0 - 3.9	03	01	00	01	02	01	01	03	03	00	01	01	017
4.0 - 4.9	00	00	00	00	00	01	00	00	01	01	03	00	008
5.0 - 5.9	01	02	00	00	01	00	00	00	02	02	00	00	008
6.0 - 6.9	00	00	00	00	00	00	00	00	01	04	03	02	010
7.0 - 7.9	00	01	00	00	00	00	00	00	00	00	00	00	001
8.0 - 8.9	01	00	00	00	00	00	00	00	00	00	00	00	001
9.0 - 9.9	00	00	00	00	00	00	00	00	00	00	00	00	001
10.0 - 10.9	01	00	00	00	00	00	00	00	00	00	00	00	001

Table 21 Temperature at 850 mb

Heard Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-20.9 - -16.0	00	00	00	00	00	00	00	00	00	01	00	00	001
-15.9 - -11.0	00	00	01	01	07	08	05	08	11	07	07	00	055
-10.9 - -6.0	10	13	10	13	15	14	15	11	12	14	14	13	154
-5.9 - -0.0	18	10	11	13	07	07	10	06	07	06	06	12	113
+0.0 - +4.9	02	04	08	03	02	00	01	04	00	02	03	06	035
+5.0 - +9.9	01	02	01	00	00	00	00	00	00	00	00	00	004

Table 23 Temperature at 700 mb

Heard Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-30.9 - -26.0	00	00	00	00	00	00	00	02	00	01	00	00	003
-25.9 - -21.0	00	00	00	00	03	04	05	07	06	04	03	00	032
-20.9 - -16.0	03	02	06	11	11	12	10	07	08	12	10	04	096
-15.9 - -11.0	16	07	08	05	10	06	05	03	10	06	04	08	088
-10.9 - -6.0	07	07	06	06	03	07	09	06	05	05	08	09	078
-5.9 - -0.0	04	10	09	04	04	00	02	02	01	02	03	10	051
+0.0 - +4.9	01	02	01	02	00	00	00	00	00	00	00	00	006

Table 25 Temperature at 500 mb

Heard Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-45.9 - -41.0	00	00	00	00	00	00	00	01	02	00	00	00	003
-40.9 - -36.0	00	00	00	01	03	08	07	05	05	03	04	00	036
-35.9 - -31.0	04	03	03	08	09	07	07	07	06	09	06	02	071
-30.9 - -26.0	12	05	09	06	08	08	06	05	08	11	07	08	093
-25.9 - -21.0	08	06	06	05	08	04	07	05	08	06	10	11	084
-20.9 - -16.0	05	13	09	07	03	01	01	01	01	01	01	07	050
-15.9 - -11.0	01	01	03	00	00	00	00	00	00	00	00	03	008

FREQUENCY ANALYSES MACQUARIE ISLAND, 1952

Table 20 Daily Duration of Bright Sunshine

Macquarie Island 1952

Range - hours	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
NIL	04	08	09	12	12	19	16	10	06	06	05	05	112
0.1 - 0.9	05	04	03	04	04	09	09	10	06	01	06	06	067
1.0 - 1.9	07	00	01	06	08	01	02	04	04	02	03	04	042
2.0 - 2.9	02	03	04	01	02	01	03	05	03	08	01	01	034
3.0 - 3.9	05	00	05	00	03	00	00	01	03	04	02	02	025
4.0 - 4.9	00	00	04	04	02	00	00	01	03	04	01	04	023
5.0 - 5.9	00	03	01	01	00	00	01	09	02	00	01	01	010
6.0 - 6.9	00	02	03	02	00	00	00	00	01	04	02	01	015
7.0 - 7.9	02	01	01	00	00	00	00	00	01	00	02	02	009
8.0 - 8.9	02	04	00	00	00	00	00	00	00	00	02	00	008
9.0 - 9.9	01	01	00	00	00	00	00	09	01	01	03	03	010
10.0 - 10.9	01	02	00	00	00	00	00	00	00	01	00	01	005
11.0 - 11.9	01	01	00	00	00	00	00	00	00	00	01	00	003
12.0 - 12.9	01	00	00	00	00	00	00	00	00	00	00	01	002
14.0 - 14.9	00	00	00	00	00	00	00	00	00	00	01	00	001

Table 22 Temperature at 850 mb

Macquarie Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-15.9 - -11.0	00	00	00	00	03	01	01	01	00	01	02	00	009
-10.9 - -6.0	02	00	06	09	11	06	03	03	06	13	08	00	067
-5.9 - -0.0	21	20	15	17	14	20	21	23	17	09	13	10	200
+0.0 - +4.9	07	07	06	04	02	03	06	03	06	08	06	17	075
+5.0 - +9.9	01	01	02	00	00	00	00	00	00	00	01	04	009
+10.0 - +14.9	00	01	01	00	00	00	00	00	00	00	00	00	002

Table 24 Temperature at 500 mb

Macquarie Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-25.9 - -21.0	00	00	00	00	01	00	00	00	00	00	00	00	001
-20.9 - -16.0	00	00	04	04	06	03	02	03	03	08	03	00	036
-15.9 - -11.0	09	08	08	09	10	11	08	11	12	06	04	02	098
-10.9 - -6.0	17	09	05	13	11	16	21	14	12	11	17	12	158
-5.9 - -0.0	05	11	11	04	02	00	00	02	01	06	06	16	064
+0.0 - +4.9	00	01	02	00	00	00	00	00	00	00	00	01	004

Table 26 Temperature at 500 mb

Macquarie Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-40.9 - -36.0	00	00	00	01	01	01	00	00	00	00	00	00	003
-35.9 - -31.0	02	02	02	02	07	04	02	05	06	06	00	00	038
-30.9 - -26.0	08	05	06	13	09	19	23	19	15	08	10	01	134
-25.9 - -21.0	16	10	11	11	10	06	07	05	07	14	13	13	123
-20.9 - -16.0	04	10	11	03	02	00	00	00	00	03	06	16	055
-15.9 - -11.0	01	02	00	00	00	00	00	00	00	00	01	01	005

FREQUENCY ANALYSES HEARD ISLAND, 1952

Table 27 Temperature at 300 mb

Heard Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-65.9 -	00	00	00	00	00	00	01	00	00	00	00	00	001
-60.9 -	00	00	00	02	05	05	05	05	04	00	01	00	027
-55.9 -	02	01	03	08	06	12	11	40	13	16	08	04	094
-50.9 -	21	09	15	05	12	10	05	07	07	06	11	11	119
-45.9 -	04	10	09	10	02	00	00	00	00	03	04	10	052
-40.9 -	01	05	02	00	00	00	00	00	00	01	01	03	013

Table 29 Temperature at 200 mb

Heard Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-75.9 -	00	00	00	00	00	01	00	01	00	00	00	00	002
-70.9 -	00	00	00	00	00	04	06	05	00	02	00	01	018
-65.9 -	01	01	02	00	03	01	01	02	04	02	02	02	021
-60.9 -	02	06	04	04	04	03	05	05	07	04	01	05	050
-55.9 -	00	06	07	01	10	05	04	02	03	08	09	06	061
-50.9 -	06	02	03	10	06	08	00	03	03	08	08	07	064
-45.9 -	13	07	05	04	00	00	01	01	00	01	03	02	037
-40.9 -	05	00	00	00	00	00	00	00	00	00	01	00	006

Table 31 Temperature at 100 mb

Heard Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-70.9 -	00	00	00	00	00	00	01	00	00	00	00	00	001
-65.9 -	00	00	00	00	00	04	04	02	03	00	00	00	013
-60.9 -	00	00	00	03	00	02	02	01	04	01	00	00	013
-55.9 -	03	06	07	02	08	06	00	03	03	06	04	04	052
-50.9 -	04	07	05	11	05	02	02	04	04	10	11	11	077
-45.9 -	15	06	03	01	00	00	00	00	00	01	02	05	033
-40.9 -	04	00	00	00	00	00	00	00	00	00	01	00	005

Table 33 Temperature at Tropopause

Heard Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-75.9 -	00	00	00	00	00	02	03	02	00	00	00	00	007
-70.9 -	01	00	00	00	00	04	03	04	02	03	00	01	018
-65.9 -	00	03	04	00	04	02	01	07	08	04	04	07	044
-60.9 -	05	08	06	07	09	05	06	03	03	07	05	04	068
-55.9 -	04	06	08	09	05	09	03	03	04	07	10	08	076
-50.9 -	17	03	04	04	01	01	01	01	00	03	02	02	039
-45.9 -	00	03	01	01	00	00	00	00	00	01	01	01	008

FREQUENCY ANALYSES MACQUARIE ISLAND, 1952

Table 28 Temperature at 300 mb

Macquarie Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-60.9 -	00	00	00	00	03	08	11	02	05	01	00	00	030
-55.9 -	03	02	02	09	14	13	15	23	19	07	02	00	109
-50.9 -	16	08	14	14	09	05	01	03	03	17	18	10	118
-45.9 -	10	13	11	06	02	00	00	00	01	04	07	18	072
-40.9 -	00	05	02	00	00	00	00	00	00	01	00	02	010
-35.9 -	01	00	00	00	00	00	00	00	00	00	00	00	001

Table 30 Temperature at 200 mb

Macquarie Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-75.9 -	00	00	00	00	00	00	01	02	00	00	00	00	003
-70.9 -	00	00	00	00	00	02	06	04	02	02	00	00	016
-65.9 -	00	01	02	06	06	04	07	00	01	01	02	06	036
-60.9 -	00	08	03	02	04	09	06	10	07	02	02	06	059
-55.9 -	02	04	06	08	06	09	07	10	08	10	08	03	081
-50.9 -	08	04	11	09	07	02	00	02	06	11	07	11	078
-45.9 -	13	10	07	02	01	00	00	00	02	02	06	03	046
-40.9 -	06	01	00	00	00	00	00	00	00	02	01	01	011

Table 32 Temperature at 700 mb

Macquarie Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Year
-75.9 -	00	00	00	00	00	00	00	02	00	00	00	00	002
-70.9 -	00	00	00	00	00	00	01	01	00	00	00	00	002
-65.9 -	00	00	00	00	00	00	04	04	01	00	00	00	009
-60.9 -	00	01	02	05	06	02	09	09	02	02	00	00	038
-55.9 -	00	09	11	10	11	12	09	06	06	04	03	04	085
-50.9 -	06	13	09	06	01	07	00	03	08	11	10	20	094
-45.9 -	19	04	00	00	00	00	00	00	03	10	09	05	050
-40.9 -	02	00	00	00	00	00	00	00	00	01	01	00	004

Table 34 Temperature at Tropopause

Macquarie Island 1952

Range - degrees Celsius	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
-75.9 -	00	00	00	00	00	00	02	03	00	00	00	00	005
-70.9 -	00	00	00	01	00	03	09	03	05	02	00	00	023
-65.9 -	00	02	04	03	10	12	09	07	06	04	03	08	068
-60.9 -	02	09	08	07	04	07	06	10	10	11	07	07	088
-55.9 -	09	09	13	15	09	03	01	05	04	07	11	10	096
-50.9 -	15	04	02	02	01	01	00	00	02	04	06	03	040
-45.9 -	03	03	02	00	01	00	00	00	00	02	00	02	013

FREQUENCY ANALYSES HEARD ISLAND, 1952

Table 35 Pressure at Tropopause

Heard Island 1952

Range - mb	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
50 - 99	00	00	00	00	00	03	00	00	00	00	00	00	003
100 - 149	00	00	02	01	01	00	01	00	00	00	00	00	005
150 - 199	01	05	03	02	00	03	02	07	03	03	01	04	034
200 - 249	05	11	08	04	09	07	05	07	06	07	10	10	089
250 - 299	07	02	06	06	07	07	08	04	04	11	07	07	076
300 - 349	14	04	04	06	01	03	01	01	03	03	02	01	043
350 - 399	00	01	00	02	01	00	00	01	01	01	02	01	010

Table 37 Geopotential of Tropopause

Heard Island 1952

Range - gpDm	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
650 - 699	00	00	00	00	00	00	00	00	00	01	00	00	001
700 - 749	00	01	00	02	01	01	00	01	01	00	02	01	010
750 - 799	03	00	01	03	01	00	01	01	01	01	01	01	014
800 - 849	08	02	03	02	01	01	00	00	01	01	01	00	020
850 - 899	06	02	01	02	03	03	02	01	01	05	03	01	030
900 - 949	00	01	03	02	01	05	04	03	03	05	02	01	030
950 - 999	04	01	01	03	03	00	02	00	02	03	02	04	025
1000 - 1049	03	01	03	01	03	01	01	05	02	02	04	03	029
1050 - 1099	00	03	01	00	03	01	02	00	01	01	05	03	020
1100 - 1149	02	06	04	01	02	05	02	03	02	03	00	03	033
1150 - 1199	00	02	01	02	00	02	00	03	03	01	02	03	019
1200 - 1249	00	02	01	02	00	01	02	01	00	02	00	02	013
1250 - 1299	01	01	01	00	00	00	00	01	00	00	00	00	004
1300 - 1349	00	00	01	00	00	00	00	01	00	00	00	01	003
1350 - 1399	00	01	00	00	00	00	01	00	00	00	00	00	002
1400 - 1449	00	00	00	01	01	00	00	00	00	00	00	00	002
1450 - 1499	00	00	00	00	00	00	00	00	00	00	00	00	000
1500 - 1549	00	00	00	00	00	00	00	00	00	00	00	00	000
1550 - 1599	00	00	00	00	00	00	00	00	00	00	00	00	000
1600 - 1649	00	00	02	00	00	00	00	00	00	00	00	00	000
1650 - 1699	00	00	00	00	00	02	00	00	00	00	00	00	002
1700 - 1749	00	00	00	00	00	01	00	00	00	00	00	00	002

FREQUENCY ANALYSES MACQUARIE ISLAND, 1952

Table 36 Pressure at Tropopause

Macquarie Island 1952

Range - mb	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
100 - 149	01	01	03	02	00	00	00	00	00	00	00	00	007
150 - 199	01	00	03	03	02	01	03	01	02	02	00	06	024
200 - 249	03	14	11	13	09	14	19	18	09	16	13	13	152
250 - 299	10	06	07	09	06	09	05	09	14	09	11	11	106
300 - 349	13	05	01	01	07	02	00	00	02	03	03	00	037
350 - 399	01	01	03	00	01	00	00	00	00	00	00	00	006
400 - 449	00	00	01	00	00	00	00	00	00	00	00	00	001

Table 38 Geopotential at Tropopause

Macquarie Island 1952

Range - gpm	Jan	Feb	Mar	Apr	May	Jun	Jly	Aug	Sep	Oct	Nov	Dec	Year
550 - 599	00	00	01	00	00	00	00	00	00	00	00	00	001
700 - 749	01	01	01	00	00	01	00	00	00	00	00	00	004
750 - 799	01	01	03	00	02	00	00	00	01	01	00	00	009
800 - 849	08	02	00	00	02	00	00	00	00	01	02	00	015
850 - 899	04	02	00	03	04	01	00	00	01	02	02	01	020
900 - 949	04	01	02	04	03	06	02	02	07	04	03	01	039
950 - 999	04	04	06	04	04	06	04	08	07	05	05	08	065
1000 - 1049	05	02	02	03	03	05	09	06	03	05	05	04	052
1050 - 1099	00	06	08	01	02	03	04	05	04	04	05	02	044
1100 - 1149	00	04	00	05	03	03	04	06	03	05	04	05	042
1150 - 1199	00	03	00	03	01	01	03	00	01	02	01	03	018
1200 - 1249	00	00	03	00	01	00	00	01	00	00	00	04	009
1250 - 1299	00	00	00	00	00	00	00	00	00	00	00	02	002
1300 - 1349	00	00	00	03	00	00	01	00	00	00	00	00	004
1350 - 1399	01	00	00	00	00	00	00	00	00	01	00	00	002
1400 - 1449	00	00	01	00	00	00	00	00	00	00	00	00	001
1450 - 1499	00	00	01	00	00	00	00	00	09	00	00	00	001
1500 - 1549	01	01	01	00	00	00	00	00	00	00	00	00	003
1550 - 1599	00	00	00	01	00	00	00	00	00	00	00	00	001
1600 - 1649	00	00	00	01	00	00	00	00	00	00	00	00	001

Table 39

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF JANUARY 1952

DAY	HOUR	STATION PRESSURE		DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEOMETER	MAXIMUM GUST		SUNSHINE													
		Mbs.	"				°F	°F					°F	DIRECTION	SPEED			OKtas	ww	W					OKtas	CL		h	CM	CH	CL	MIDDLE	CH	°F	°F	Points	Miles	DIRECTION	SPEED	Hours
		LST.											*x10	Kts.	VV			OKtas	ww	W					OKtas	CL		h	CM	CH	CL	MIDDLE	CH					*x10	Kts.	Hours
01	02	00	48	37	37	31	27	09	80	6	02	2	6	5	4	0	0	5	0																					
01	05	00	65	37	37	32	24	03	80	7	03	3	5	5	5	0	0	5	0																					
01	08	00	63	38	38	34	31	03	80	8	03	2	6	6	6	0	0	7	0																					
01	11	00	63	38	38	36	06	06	80	8	05	2	6	6	6	0	0	7	0																					
01	14	00	42	40	40	37	07	05	80	7	05	2	6	6	6	0	0	8	0																					
01	17	00	20	40	40	38	04	14	80	7	05	1	3	3	3	1	1	8	0																					
01	20	99	79	38	38	38	06	19	80	8	60	2	2	2	2	2	2	9																						
01	23	99	43	38	37	37	04	20	80	8	61	6	6	6	6	6	6	9			43	36	0000	207	06	37	000													
02	02	98	78	37	37	37	04	26	16	8	63	6	6	6	6	6	6	9																						
02	05	98	26	38	38	35	05	10	00	8	61	6	6	6	6	6	6	9																						
02	08	98	02	38	38	38	04	05	01	8	62	6	6	6	6	6	6	9																						
02	11	97	79	38	38	38	23	1	03	8	62	6	6	6	6	6	6	9																						
02	14	98	02	36	36	35	22	20	08	8	60	6	6	6	6	6	6	9																						
02	17	98	30	37	35	33	24	22	16	8	61	6	6	6	6	6	6	9																						
02	20	98	53	37	35	32	24	20	40	8	02	2	2	2	2	2	2	9																						
02	23	98	71	37	35	31	27	25	40	6	02	6	6	6	6	6	6	9																						
03	02	98	89	36	34	31	26	18	40	4	01	1	4	4	4	4	4	9																						
03	05	99	06	35	34	31	27	20	80	6	02	2	6	6	6	6	6	9																						
03	08	99	17	37	36	35	26	21	80	6	25	2	2	2	2	2	2	9																						
03	11	99	33	37	35	33	26	23	80	6	27	2	2	2	2	2	2	9																						
03	14	99	45	38	36	34	26	26	80	7	25	2	2	2	2	2	2	9																						
03	17	99	54	37	35	33	27	26	80	7	25	2	2	2	2	2	2	9																						
03	20	99	48	37	35	33	26	21	80	7	15	2	2	2	2	2	2	9																						
03	23	99	44	37	36	33	27	20	80	8	15	2	2	2	2	2	2	9																						
04	02	99	36	36	35	34	25	17	80	8	02	2	2	2	2	2	2	9																						
04	05	99	00	38	37	37	00	00	32	8	60	6	6	6	6	6	6	9																						
04	08	98	67	39	38	37	03	03	40	8	21	6	6	6	6	6	6	9																						
04	11	98	16	41	40	39	04	14	40	8	60	6	6	6	6	6	6	9																						
04	14	97	35	40	40	40	06	22	16	8	63	6	6	6	6	6	6	9																						
04	17	96	72	40	40	40	05	10	07	8	53	6	6	6	6	6	6	9																						
04	20	96	48	37	37	36	29	08	07	8	60	6	6	6	6	6	6	9																						
04	23	96	26	36	36	36	28	20	07	8	63	6	6	6	6	6	6	9																						
05	02	96	03	36	36	36	28	24	07	8	61	6	6	6	6	6	6	9																						
05	05	95	75	36	35	34	29	25	16	8	61	6	6	6	6	6	6	9																						
05	08	95	38	37	35	35	29	28	08	8	61	6	6	6	6	6	6	9																						
05	11	95	35	36	36	36	22	22	08	8	55	6	6	6	6	6	6	9																						
05	14	95	71	36	36	35	22	25	08	8	53	6	6	6	6	6	6	9																						
05	17	96	07	37	36	35	24	25	08	8	61	6	6	6	6	6	6	9																						
05	20	96	41	37	36	33	23	30	32	8	02	6	6	6	6	6	6	9																						
05	23	96	69	36	35	35	27	30	16	8	51	6	6	6	6	6	6	9																						
06	02	96	95	36	35	35	27	30	16	8	61	6	6	6	6	6	6	9																						
06	05	97	29	36	35	35	27	28	24	8	60	6	6	6	6	6	6	9																						
06	08	97	43	37	36	34	27	25	40	8	21	6	6	6	6	6	6	9																						
06	11	97	55	36	36	35	22	29	40	8	60	6	6	6	6	6	6	9																						
06	14	97	81	37	36	36	22	29	24	8	58	6	6	6	6	6	6	9																						
06	17	98	02	37	36	35	22	32	32	8	10	6	6	6	6	6	6	9																						
06	20	98	08	37	36	35	22	28	32	7	10	6	6	6	6	6	6	9																						
06	23	98	16	36	35	34	22	16	40	7	10	6	6	6	6	6	6	9																						
07	02	97	97	36	35	34	22	05	40	7	05	2	7	7	6	3																								
07	05	97	69	35	35	34	00	00	10	8	50	6	6	6	6	6	6	9																						
07	08	97	69	35	35	31	18	02	40	7	01	1	2	2	2	2	2	9																						
07	11	97	95	35	35	33	22	13	40	8	05	6	6	6	6	6	6	9																						
07	14	98	25	35	37	34	23	13	40	8	05	6	6	6	6	6	6	9																						
07	17	98	37	35	36	35	19	08	24	8	05	6	6	6	6	6	6	9																						
07	20	98	46	35	35	34	22	06	40	7	22	2	2	2	2	2	2	9																						
07	23	98	57	36	35	34	25	05	24	8	60	6	6	6	6	6	6	9																						
08	02	98	59	37	35	32	23	09	24	8	25	2	2	2	2	2	2	9																						
08	05	98	57	37	36	35	26	12	16	8	60	6	6	6	6	6	6	9																						
08	08	98	57	38	36	35	29	15	40	7	02	6	6	6	6	6	6	9																						
08	11	98	71	40	38	35	26	10	64	7	02	6	6	6	6	6	6	9																						
08	14	98	75	41	38	35	25	08	64	8	02	2	2	2	2	2	2	9																						
08	17	98	75	40	39	38	29	05	40	8	02	2	2	2	2	2	2	9																						
08	20	98	73	39	37	36	28	10	40	8	80	2	2	2	2	2	2	9																						
08	23	98	79	38	37	36	30	06	16	8	60	6	6	6	6	6	6	9																						
09	02	98	80	38	37	34	28	12	32	7	80	2	2	2	2	2	2	9																						
09	05	98	79	37	36	34	28	16	40	7	05	2	2	2	2	2	2	9																						
09	08	98	82	37	36	34	28	17	40	7	25	2	2	2	2	2	2	9																						
09	11	98	85	40	38	33	28	12	56	5	05	6	6	6	6	6	6	9																						
09	14	98	84	39	38	37	35	06	56	7	05	2	2	2	2	2	2	9																						
09	17	98	82	40	39	38	25	09	80	7	25	2	2	2	2	2	2	9																						

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JANUARY 1952

Table 39 contd.

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE	
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT		CL	CM	CH					MILES	DIRECTION		SPEED
	LST.	Mbs.	°F	°F	°F	*x10	Kts.	VV	Okas	ww	W	Okas	CL	h	CM	CH	CL	CM	CH	°F	°F	Points	Miles	*x10	Kts.	Hours
19	02	99 00 81	37	35	33	00	00	80	7	7	0	7	0	4												
19	05	99 00 81	37	35	33	00	00	64	7	7	0	7	0	4												
19	08	99 00 81	38	36	34	00	00	48	7	7	0	7	0	4												
19	11	99 00 81	40	38	36	00	00	48	7	7	0	7	0	4												
19	14	99 00 81	40	38	36	00	00	48	7	7	0	7	0	4												
19	17	99 00 81	40	38	36	00	00	80	7	7	0	7	0	4												
19	20	99 00 81	40	38	36	00	00	80	7	7	0	7	0	4												
19	23	99 00 81	40	38	36	00	00	48	8	8	0	8	0	3						41	35	0002	395	23	48	032
20	02	99 00 81	38	37	35	00	00	24	8	8	0	8	0	3												
20	05	99 00 81	38	37	35	00	00	08	8	8	0	8	0	3												
20	08	99 00 81	40	40	40	00	00	16	8	8	0	8	0	3												
20	11	99 00 81	40	40	40	00	00	32	8	8	0	8	0	3												
20	14	99 00 81	40	40	40	00	00	40	8	8	0	8	0	3												
20	17	99 00 81	42	42	42	00	00	40	8	8	0	8	0	3												
20	20	99 00 81	41	41	41	00	00	40	8	8	0	8	0	3												
20	23	99 00 81	40	40	40	00	00	32	8	8	0	8	0	3												
21	02	98 53 39	37	35	33	00	00	16	8	8	0	8	0	3												
21	05	98 57 39	37	35	33	00	00	56	8	8	0	8	0	3												
21	08	98 64 39	37	35	33	00	00	40	8	8	0	8	0	3												
21	11	98 77 41	39	37	35	00	00	40	8	8	0	8	0	3												
21	14	99 09 40	37	35	33	00	00	40	8	8	0	8	0	3												
21	17	99 33 39	37	35	33	00	00	24	8	8	0	8	0	3												
21	20	99 67 39	37	35	33	00	00	40	8	8	0	8	0	3												
21	23	99 88 38	36	34	32	00	00	32	8	8	0	8	0	3												
22	02	99 97 38	37	35	33	00	00	24	8	8	0	8	0	3												
22	05	99 92 38	38	38	38	00	00	07	8	8	0	8	0	3												
22	08	99 68 41	39	39	39	00	00	24	8	8	0	8	0	3												
22	11	99 17 43	42	42	42	00	00	16	7	7	0	7	0	3												
22	14	99 74 43	43	43	43	00	00	08	8	8	0	8	0	3												
22	17	99 40 43	43	43	43	00	00	08	8	8	0	8	0	3												
22	20	99 33 41	42	41	41	00	00	40	7	7	0	7	0	3												
22	23	99 30 40	39	39	39	00	00	16	8	8	0	8	0	3												
23	02	99 25 41	40	40	40	00	00	40	7	7	0	7	0	3												
23	05	99 25 41	39	39	39	00	00	64	3	3	0	3	0	4												
23	08	99 25 41	39	39	39	00	00	12	6	6	0	6	0	4												
23	11	99 25 41	41	41	41	00	00	20	6	6	0	6	0	4												
23	14	99 41 41	41	41	41	00	00	40	5	5	0	5	0	4												
23	17	99 67 41	37	35	33	00	00	32	7	7	0	7	0	4												
23	20	99 53 39	36	34	32	00	00	20	6	6	0	6	0	4												
23	23	99 12 39	37	35	33	00	00	16	6	6	0	6	0	4												
24	02	99 14 38	37	35	33	00	00	32	7	7	0	7	0	4												
24	05	99 55 38	38	38	38	00	00	27	8	8	0	8	0	4												
24	08	99 70 40	40	40	40	00	00	16	8	8	0	8	0	4												
24	11	99 51 42	42	42	42	00	00	24	8	8	0	8	0	4												
24	14	99 54 40	40	40	40	00	00	31	8	8	0	8	0	4												
24	17	99 40 40	40	40	40	00	00	35	2	2	0	2	0	4												
24	20	99 52 39	39	39	39	00	00	34	4	4	0	4	0	4												
24	23	99 55 38	38	36	34	00	00	40	7	7	0	7	0	4												
25	02	98 03 38	37	35	33	00	00	27	8	8	0	8	0	4												
25	05	98 10 38	37	35	33	00	00	31	8	8	0	8	0	4												
25	08	98 18 39	37	35	33	00	00	31	8	8	0	8	0	4												
25	11	98 23 40	38	36	34	00	00	32	8	8	0	8	0	4												
25	14	98 31 39	37	35	33	00	00	30	8	8	0	8	0	4												
25	17	98 31 39	37	35	33	00	00	32	8	8	0	8	0	4												
25	20	98 36 38	36	34	32	00	00	30	7	7	0	7	0	4												
25	23	98 41 38	36	34	32	00	00	30	7	7	0	7	0	4												
26	02	98 51 38	37	35	33	00	00	32	8	8	0	8	0	4												
26	05	98 73 38	37	35	33	00	00	28	8	8	0	8	0	4												
26	08	99 00 38	37	35	33	00	00	32	8	8	0	8	0	4												
26	11	99 36 37	36	34	32	00	00	40	8	8	0	8	0	4												
26	14	99 70 38	37	35	33	00	00	32	7	7	0	7	0	4												
26	17	99 88 38	37	35	33	00	00	18	8	8	0	8	0	4												
26	20	00 12 38	37	35	33	00	00	15	8	8	0	8	0	4												
26	23	00 29 38	36	34	32	00	00	16	8	8	0	8	0	4												
27	02	00 51 30	35	33	31	00	00	20	8	8	0	8	0	4												
27	05	00 73 37	35	33	31	00	00	28	8	8	0	8	0	4												
27	08	00 84 36	36	34	32	00	00	25	7	7	0	7	0	4												
27	11	01 06 37	37	35	33	00	00	27	8	8	0	8	0	4												
27	14	01 36 39	39	37	35	00	00	32	6	6	0	6	0	4												
27	17	01 60 39	39	37	35	00	00	31	5	5	0	5	0	4												
27	20	01 90 37	37	35	33	00	00	32	5	5	0	5	0	4												
27	23	02 07 37	37	35	33	00	00	35	5	5	0	5	0	4												
27	25	02 07 37	37	35	33	00	00	56	5	5	0	5	0	4												
27	27	02 07 37	37	35	33	00	00	56	5	5	0	5	0	4												
27	29	02 07 37	37	35	33	00	00	56	5	5	0	5	0	4												
27	31	02 07 37	37	35	33	00	00	56	5	5	0	5	0													

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JANUARY 1952

Table 39 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Okas	vv	W	Okas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
28	02	02 19	37	35	35	18	12	40	7	15	2	7	8	8												
28	05	02 19	37	35	35	18	12	40	8	05	2	8	8	8												
28	08	02 19	37	35	35	18	12	40	8	05	2	8	8	8												
28	11	02 19	37	35	35	18	12	40	7	05	2	7	8	8												
28	14	02 19	37	35	35	18	12	40	7	05	2	7	8	8												
28	17	02 19	37	35	35	18	12	40	7	05	2	7	8	8												
28	20	02 19	37	35	35	18	12	40	8	05	2	8	8	8												
28	23	02 19	37	35	35	18	12	40	7	05	2	7	8	8						41	36	0006	355	22	32	004
29	02	02 16	42	40	40	28	03	40	7	03	2	7	8	8												
29	05	01 81	41	38	38	00	00	40	7	02	2	7	7	5												
29	08	01 68	40	39	39	06	05	08	8	61	6	6	7	7												
29	11	01 45	41	40	40	31	10	08	8	61	6	6	7	7												
29	14	01 56	40	39	39	20	20	40	8	02	6	6	6	7												
29	17	01 74	40	38	38	27	18	40	7	02	2	7	7	7												
29	20	01 97	38	37	37	23	19	40	7	02	2	7	7	7												
29	23	02 03	38	37	37	23	12	40	8	02	2	7	7	7						45	37	0002	244	22	35	007
30	02	02 09	39	37	37	26	15	40	8	02	2	8	8	4												
30	05	02 07	39	37	37	27	12	40	8	05	2	8	8	4												
30	08	02 01	39	38	38	27	21	24	8	25	2	8	8	6												
30	11	01 96	40	39	39	27	18	24	8	05	2	8	8	6												
30	14	02 02	39	39	39	22	16	8	8	10	2	8	8	9												
30	17	02 04	39	39	39	22	23	48	8	05	2	8	8	9												
30	20	02 13	38	37	37	20	20	32	8	10	2	8	8	9												
30	23	02 15	37	37	37	22	13	24	8	10	2	8	8	9						41	37	0010	341	28	36	000
31	02	02 13	39	39	39	22	16	16	8	51	5	8	6	1												
31	05	02 05	39	39	39	22	12	12	8	51	5	8	6	1												
31	08	01 93	41	40	40	23	14	24	7	01	5	8	6	1												
31	11	01 74	40	40	40	20	13	08	7	10	5	8	6	1												
31	14	01 54	43	40	40	21	10	04	7	11	3	3	3	0												
31	17	01 33	43	40	40	19	11	11	8	4	4	4	4	0												
31	20	00 99	43	40	40	27	11	11	8	60	6	6	6	9												
31	23	00 86	40	40	40	26	18	16	8	60	6	6	6	9						45	37	0000	315	28	35	029

Table 39 contd.

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF FEBRUARY 1952

DAY	HOUR	STATION PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			HEIGHT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	TYPE	LOW		MIDDLE	HIGH	DIRECTION					SPEED					
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours		
01	02	01109	35	37	37	21	27	24	7	15	8	7	8	4														
01	05	01137	35	34	23	22	24	08	8	60	6	8	8	4														
01	08	01144	36	33	23	22	24	08	8	02	6	8	8	4														
01	11	01159	37	33	23	23	18	40	7	02	6	8	8	4														
01	14	01167	37	33	27	18	18	40	8	02	6	8	8	4														
01	17	01163	36	34	27	18	18	40	7	02	6	8	8	4	3													
01	20	01164	36	34	26	18	18	40	7	02	6	8	8	4	3													
01	23	01161	36	34	25	18	18	32	7	7	8	8	8	4							41	35	0009	390	27	49	006	
02	02	01162	37	36	32	23	22	32	8	02	8	5	8	4	3													
02	05	01171	35	31	23	22	22	24	7	15	8	7	7	4														
02	08	01168	36	33	22	22	22	22	8	02	8	5	8	4	0	5												
02	11	01174	37	32	22	22	22	22	3	01	8	5	8	4	0	5												
02	14	01171	37	32	22	22	22	22	3	01	8	5	8	4	0	5												
02	17	01174	37	32	22	22	22	22	3	01	8	5	8	4	0	5												
02	20	01154	35	32	02	02	00	00	3	02	8	5	8	4	0	0												
02	23	01127	35	35	32	02	00	00	8	02	8	5	8	4	0	0												
03	02	00889	37	35	32	05	23	20	8	02	8	0	0	0	3	2												
03	05	00117	35	32	29	05	23	20	8	77	7	4	4	4	2	2												
03	08	99444	36	34	09	09	16	16	8	77	7	4	4	4	2	2												
03	11	98779	40	40	09	09	16	16	8	60	6	6	6	6	4	4												
03	14	98117	42	40	37	08	38	38	8	07	8	2	2	2	2	2												
03	17	97995	39	38	00	00	00	08	8	50	5	5	5	5	2	2												
03	20	98001	39	38	26	14	08	08	8	51	5	5	5	5	2	2												
03	23	98331	37	37	36	22	08	40	6	28	4	3	6	4	1	9												
04	02	98666	36	35	35	22	21	24	8	80	8	6	8	4	1	9												
04	05	99223	34	34	34	22	26	08	8	61	6	6	8	7	2	5												
04	08	99553	35	35	21	22	08	08	8	68	6	6	8	7	2	5												
04	11	99776	35	35	19	22	40	40	6	80	8	6	8	4	0	1	9											
04	14	00110	38	36	34	21	20	40	7	80	8	7	8	4	4	0	0											
04	17	00330	37	37	34	21	18	64	6	87	8	6	8	4	0	0												
04	20	00445	37	34	31	21	12	64	3	01	8	3	4	4	0	0												
04	23	00663	35	34	33	23	04	40	4	80	8	4	5	4	0	0												
05	02	00664	37	34	31	00	00	40	7	80	8	7	5	4														
05	05	00556	37	37	36	00	00	40	8	25	8	8	5	4														
05	08	00555	37	37	35	31	07	80	8	25	8	8	8	4														
05	11	00337	37	37	36	35	04	80	8	15	8	8	8	4														
05	14	00117	38	37	35	07	16	8	8	50	5	8	6	2														
05	17	99889	38	38	03	04	16	8	8	61	6	6	8	7	3													
05	20	99558	39	39	00	00	16	8	8	21	6	6	8	7	2													
05	23	99336	40	39	38	26	14	16	8	60	6	6	8	7	2													
06	02	99338	38	37	36	27	12	40	8	21	6	8	7	3														
06	05	99334	37	35	32	27	12	64	7	01	6	6	7	5	5													
06	08	99333	35	33	22	06	64	64	7	27	8	7	8	6														
06	11	99334	39	37	34	28	11	40	8	80	8	8	8	4														
06	14	99333	39	37	36	27	08	40	8	05	8	8	8	4														
06	17	99770	37	37	36	24	20	32	7	80	8	7	8	4														
06	20	00070	37	37	36	21	13	32	7	16	8	8	5	5														
06	23	00338	37	35	31	22	20	40	7	02	1	5	8	5	3	0	9											
07	02	00665	37	36	33	22	13	40	7	03	1	3	5	4	7	0												
07	05	00882	37	35	32	25	22	40	7	02	2	5	5	5	3													
07	08	00888	38	36	33	27	06	64	7	02	2	5	5	5	3													
07	11	00991	39	36	32	28	12	64	8	02	2	8	5	5														
07	14	00885	39	37	34	27	02	64	8	02	2	8	5	4														
07	17	00770	37	34	28	08	16	64	8	02	2	8	5	4														
07	20	00550	39	38	36	29	16	64	8	02	2	8	5	4														
07	23	00449	39	38	36	22	16	16	8	61	6	8	7	3														
08	02	00448	40	39	38	29	20	32	8	21	6	8	6	3														
08	05	00449	40	39	38	28	14	32	8	10	6	8	6	3														
08	08	00442	40	40	39	31	07	16	8	10	6	8	6	3														
08	11	00227	40	40	40	34	04	16	8	50	5	8	6	1														
08	14	99997	42	42	42	02	04	16	8	50	5	8	6	1														
08	17	99667	42	42	41	03	09	24	8	21	6	8	6	2														
08	20	99228	43	42	41	00	00	24	8	61	6	8	7	2														
08	23	99114	44	43	42	31	18	24	8	60	6	8	7	2														
09	02	99008	42	40	38	29	17	56	8	05	6	8	8	4														
09	05	98992	40	39	38	31	14	32	8	05	2	8	5	4														
09	08	98665	40	39	38	32	10	24	8	60	6	8	7	3														
09	11	98336	40	39	38	32	10	24	8	61	6	8	5	7	3	2												
09	14	98004	39	38	36	28	12	16	8	61	6	8	5	7	3	2												
09	17	97776	37	36	35	32	03	16	8	78	7	6	7	3	2	2												
09	20	97660	37	36	35	30	10	24	8	05	7	6	7	3	2													

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF FEBRUARY 1952**

Table 39 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE	HIGH	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	*F	*F	*F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CH	*F	*F	Points	Miles	*x10	Kts.	Hours	
10	02	97719	38	36	34	24	03	40	7	01	1	1	6	3	3											
10	05	97704	36	35	34	21	12	40	8	02	2	1	6	4	3											
10	08	97714	37	35	34	22	15	64	7	02	2	1	6	4	4											
10	11	97741	36	35	34	22	12	64	7	87	8	5	8	3	3											
10	14	97788	36	35	33	27	20	64	7	87	8	4	8	4	4	4										
10	17	9808	37	36	33	26	22	64	7	87	8	7	8	4	4	3										
10	20	9843	37	36	32	26	22	64	7	85	8	6	8	4	4	3										
10	23	9872	37	36	31	23	20	64	7	87	8	4	8	4	3				39	36	0018	299	27	43	017	
11	02	9899	37	35	32	25	15	64	8	02	8	5	8	4	3											
11	05	9923	36	34	31	26	17	80	7	15	8	6	8	4	3											
11	08	9945	34	33	32	26	06	16	7	85	8	7	8	4	4											
11	11	9946	39	36	32	25	18	81	2	01	8	2	2	2	2	0										
11	14	9951	37	36	32	27	15	81	6	27	8	6	2	2	2	0										
11	17	9957	38	36	33	27	14	80	5	02	2	5	2	2	2	0										
11	20	9969	34	33	33	23	07	24	7	87	8	6	2	2	2	0										
11	23	9985	35	33	33	22	10	24	5	87	8	5	2	2	2	0										
12	02	0006	36	34	32	22	12	81	4	02	8	4	8	4	0											
12	05	0041	35	33	31	20	16	80	6	87	8	4	2	4	3											
12	08	0074	37	34	30	22	19	64	7	87	8	7	8	4	3											
12	11	0106	39	36	32	22	19	81	3	01	8	1	1	1	1											
12	14	0127	41	37	33	22	18	81	5	03	1	1	2	2	2											
12	17	0150	37	35	32	26	20	80	5	09	9	5	5	5	4											
12	20	0169	38	36	33	24	20	80	5	01	1	5	8	4	4											
12	23	0186	38	36	33	23	18	80	7	03	1	6	8	4	3											
13	02	0194	38	36	33	25	09	80	8	03	2	2	5	4	3											
13	05	0202	38	36	32	27	18	64	8	02	2	2	5	5	4											
13	08	0204	38	36	33	27	16	64	8	80	9	6	6	5	4											
13	11	0194	39	37	34	26	18	64	8	02	2	2	6	8	4											
13	14	0176	41	37	34	28	24	64	8	02	2	2	4	4	4											
13	17	0153	41	38	38	29	30	64	8	09	2	6	6	8	4											
13	20	0110	41	40	39	30	32	16	8	55	5	8	8	7	3											
13	23	0068	41	40	41	30	34	08	8	61	6	8	8	7	3											
14	02	0046	43	42	42	30	40	08	8	63	6	8	7	3												
14	05	0048	41	41	41	27	26	08	8	51	5	8	6	1												
14	08	0056	39	38	38	22	23	16	8	51	5	8	7	1												
14	11	0063	39	38	36	22	23	24	8	10	5	8	8	3												
14	14	0067	40	38	36	22	26	40	8	16	8	8	8	4												
14	17	0074	39	37	34	22	27	54	6	05	2	6	6	8	4											
14	20	0075	38	37	36	22	26	40	8	25	2	6	8	4												
14	23	0073	38	37	35	22	19	40	6	05	2	6	8	4												
15	02	0066	38	36	33	27	07	40	8	05	2	8	8	5	4											
15	05	0031	37	36	35	34	03	24	8	60	4	9	8	5	4											
15	08	9991	37	37	36	06	10	16	8	61	6	8	8	2	2											
15	11	9945	43	43	42	30	12	16	8	61	6	8	8	0	4											
15	14	9913	44	44	43	31	13	16	8	58	6	8	8	7	2											
15	17	9890	43	42	41	28	10	24	8	21	6	8	8	0	4											
15	20	9873	40	39	39	22	10	16	8	53	5	8	8	6	4											
15	23	9871	37	36	35	21	29	40	8	01	1	8	8	4												
16	02	9891	37	35	34	20	30	64	7	01	2	7	5	4												
16	05	9910	36	34	31	19	25	64	7	02	2	7	8	4												
16	08	9945	37	35	34	18	20	64	7	02	2	7	8	4												
16	11	9977	38	35	31	20	20	64	8	02	2	8	8	5	4											
16	14	0019	39	36	32	22	18	64	8	02	2	8	8	5	5											
16	17	0052	38	36	32	20	20	64	5	01	2	5	5	5	5											
16	20	0087	38	35	31	23	18	64	6	02	2	6	5	5	5											
16	23	0112	37	35	32	23	15	64	5	01	1	3	5	4	0											
17	02	0134	37	35	32	27	08	64	4	02	1	4	8	4	0											
17	05	0153	37	35	32	27	10	80	6	02	1	2	8	4	4											
17	08	0160	39	36	32	27	10	80	8	03	1	4	8	4	1											
17	11	0161	39	37	35	27	20	56	8	15	2	5	5	5	2											
17	14	0161	41	39	37	29	19	56	8	05	2	6	8	5	5											
17	17	0153	40	38	35	29	12	56	8	05	2	6	8	4	2											
17	20	0136	39	38	38	29	18	16	8	58	2	8	7	3												
17	23	0117	40	39	38	29	18	16	8	60	6	8	0	4	2											
18	02	0109	40	39	36	29	21	24	8	60	6	8	0	4	2											
18	05	0093	40	40	39	29	12	24	8	61	6	8	7	3												
18	08	0067	40	40	39	02	02	16	8	51	5	8	6	2												
18	11	0052	40	40	39	01	02	16	8	53	5	8	6	2												
18	14	0013	41	40	40	35	03	16	8	53	5	8	6	2												
18	17	0002	42	41	40	30	10	16	8	61	6	8	6	2												
18	20	0000	39	39	39	22	19	08	8	51	5	8	7	1												
18	23	0006	38	38	38	22	23	16	8	51	5	8	7	1												

Table 39 contd. RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF FEBRUARY 1952

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		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED	Hours
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
19	02	0018	38	36	33	22	24	40	8	01	5	8	4													
19	05	0018	38	36	33	22	24	40	8	02	5	8	4													
19	08	0018	38	36	33	22	24	40	8	02	5	8	4													
19	11	0012	38	36	33	22	24	40	8	02	5	8	4													
19	14	0006	38	36	33	22	24	40	8	02	5	8	4													
19	17	0022	38	36	33	22	24	40	8	02	5	8	4													
19	20	0052	38	36	33	22	24	40	8	02	5	8	4													
19	23	0088	38	36	31	22	18	4	7	80	8	8	4							39	37	0062	371	27	40	000
20	02	0110	38	36	34	23	08	64	7	80	8	7	8													
20	05	0130	38	36	33	27	15	80	6	02	8	6	6		0	0										
20	08	0145	38	36	34	26	12	80	4	02	8	4	4		0	0										
20	11	0127	38	36	33	27	16	80	7	02	8	7	7		0	0										
20	14	0097	40	38	35	27	00	80	8	02	8	8	8		0	0										
20	17	0097	40	38	35	27	00	80	8	02	8	8	8		0	0										
20	20	0091	40	38	35	27	00	80	8	02	8	8	8		0	0										
20	23	0077	41	39	37	28	26	4	8	58	6	6	7		9	9										
21	02	0085	40	38	37	28	23	24	8	21	6	8	7		9	9										
21	05	0105	39	37	35	23	30	32	8	31	5	5	5		7	7										
21	08	0106	39	36	32	23	25	32	7	09	3	3	3		7	7										
21	11	0117	40	39	37	22	12	64	7	01	1	1	1		0	0										
21	14	0116	41	38	35	00	00	24	8	05	2	1	1		0	0										
21	17	0084	39	39	38	06	11	14	8	61	6	8	0		2	2										
21	20	0052	42	41	41	31	14	16	8	05	6	8	6		9	9										
21	23	0001	44	43	41	36	08	3	8	01	2	3	6		9	9										
22	02	9959	42	41	40	03	10	32	8	03	1	8	5		9	9										
22	05	9893	42	42	41	33	08	16	8	51	5	8	7		7	7										
22	08	9878	43	42	41	29	30	08	8	51	5	8	7		7	7										
22	11	9891	41	39	37	28	26	32	8	51	5	8	7		7	7										
22	14	9892	40	38	35	27	15	32	8	51	5	8	6		7	7										
22	17	9896	39	38	36	27	22	40	8	20	5	8	8		7	7										
22	20	9920	38	37	36	22	26	32	8	80	8	8	8		7	7										
22	23	9956	37	36	33	22	18	32	8	25	8	8	8		5	5										
23	02	9975	37	36	34	22	18	64	7	02	8	7	8		5	9										
23	05	0008	37	36	35	27	15	80	3	15	2	3	8		0	0										
23	08	0020	38	36	33	27	09	56	6	05	8	6	8		4	0										
23	11	0025	39	37	34	29	04	66	8	05	2	2	3		0	0										
23	14	0020	39	38	36	29	05	66	8	05	2	3	5		1	1										
23	17	0011	39	38	37	32	06	66	8	05	2	8	5		6	7										
23	20	9992	39	38	38	36	04	66	8	05	2	8	5		7	7										
23	23	9951	39	38	37	05	12	66	8	05	2	8	5		9	9										
24	02	9924	38	38	38	03	07	40	8	05	2	8	6		9	9										
24	05	9885	39	39	39	03	08	16	8	61	6	8	6		9	9										
24	08	9846	40	40	40	27	02	16	8	61	6	8	8		2	2										
24	11	9844	39	38	38	26	13	16	8	61	6	8	7		4	4										
24	14	9888	40	38	35	27	20	40	7	01	8	7	8		4	4										
24	17	9951	39	37	35	27	20	54	5	80	8	8	8		0	0										
24	20	0001	39	36	32	28	17	64	5	02	8	5	8		0	0										
24	23	0042	38	36	33	28	20	64	1	01	1	1	5		0	0										
25	02	0065	38	36	33	27	14	64	3	03	1	3	5		0	0										
25	05	0084	39	36	34	28	12	64	7	03	2	7	5		0	0										
25	08	0092	39	37	34	29	16	64	7	02	2	7	5		0	0										
25	11	0095	40	38	35	30	14	64	8	02	2	3	5		1	1										
25	14	0088	41	40	38	31	04	64	8	02	2	2	5		4	4										
25	17	0076	40	39	37	36	02	64	8	02	2	3	5		4	4										
25	20	0059	39	38	36	04	02	64	8	02	2	4	5		4	4										
25	23	0047	39	38	38	32	10	08	8	61	6	8	7		7	7										
26	02	0039	39	39	39	31	08	08	8	61	6	8	7		7	7										
26	05	0019	40	40	40	31	10	08	8	58	6	8	7		2	2										
26	08	0020	41	40	40	31	15	12	8	21	6	8	7		2	2										
26	11	0018	40	40	40	29	07	24	8	60	6	7	7		2	2										
26	14	0021	42	39	34	27	15	40	7	05	6	7	8		5	5										
26	17	0026	42	39	37	26	15	56	4	05	2	4	8		0	0										
26	20	0030	38	37	36	26	15	56	4	25	1	4	8		0	0										
26	23	0041	38	37	36	21	18	56	3	15	1	3	8		0	0										
27	02	0044	37	35	32	20	12	56	6	15	2	6	8		0	0										
27	05	0045	36	34	30	27	06	81	8	03	2	6	8		0	0										
27	08	0048	37	34	30	27	03	81	7	02	2	7	8		0	0										
27	11	0035	39	37	34	27	03	81	7	02	2	7	8		0	0										
27	14	0009	38	38	37	30	20	08	8	53	5	8	7		0	0										
27	17	0007	40	40	39	30	24	08	8	25	8	8	8		0	0										
27	20	0026	39	39	37	27	14	40	8	25	8	8	8		0	0										
27	23	0051	39	38	37	23	18	40	8	02	2	8	8		0	0										

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF FEBRUARY 1952

Table 39 contd.-

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	*F	*F	*F	*x10	Kts.	VV	Oktas	vv	W	Oktas	CL	h	C _M	C _H	CL	C _M	C _H	*F	*F	Points	Miles	*x10	Kts.	Hours
28	02	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
28	05	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
28	08	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
28	11	01 0 4 1	39	38	37	27	10	24	8	8	8	8	6	3												
28	14	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
28	17	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
28	20	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
28	23	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3						42	37	0011	251	23	40	020
29	02	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
29	05	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
29	08	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
29	11	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
29	14	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
29	17	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
29	20	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3												
29	23	00 7 3	39	38	37	27	10	24	8	8	8	8	6	3						43	37	0000	220	22	28	024

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF MARCH 1952

Table 39 contd.

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		SUNSHINE	
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
01	00	00 33	39	39	39	22	10	16	8	8	8	8	8	8											
01	05	00 27	38	38	38	25	05	22	8	8	8	8	8	8											
01	10	00 39	37	37	37	00	00	22	8	8	8	8	8	8											
01	14	00 58	34	34	34	09	02	16	8	8	8	8	8	8											
01	17	00 82	37	37	37	00	00	22	8	8	8	8	8	8											
01	20	01 02	37	37	37	18	16	16	8	8	8	8	8	8											
01	23	01 33	37	37	37	23	18	18	8	8	8	8	8	8											
01	25	01 54	36	36	36	22	19	19	8	8	8	8	8	8											
02	00	01 70	36	36	36	23	12	12	8	8	8	8	8	8											
02	05	01 73	36	36	36	25	09	09	8	8	8	8	8	8											
02	11	01 77	39	39	39	23	05	05	8	8	8	8	8	8											
02	14	01 73	40	40	40	28	17	17	8	8	8	8	8	8											
02	17	01 54	40	40	40	24	18	18	8	8	8	8	8	8											
02	20	01 41	39	39	39	25	12	12	8	8	8	8	8	8											
02	23	01 28	39	39	39	34	10	10	8	8	8	8	8	8											
03	02	00 88	41	40	39	30	28	28	8	8	8	8	8	8											
03	05	00 87	42	42	42	27	24	24	8	8	8	8	8	8											
03	08	01 00	42	42	42	23	15	15	8	8	8	8	8	8											
03	11	01 07	40	40	39	27	22	22	8	8	8	8	8	8											
03	14	00 95	40	40	39	27	22	22	8	8	8	8	8	8											
03	17	01 08	40	40	39	22	15	15	8	8	8	8	8	8											
03	20	00 94	39	39	38	23	04	04	8	8	8	8	8	8											
03	23	00 77	34	33	32	21	10	10	8	8	8	8	8	8											
04	02	00 77	35	35	34	27	12	12	8	8	8	8	8	8											
04	05	00 92	37	35	32	29	15	15	8	8	8	8	8	8											
04	08	01 05	38	35	31	28	22	22	8	8	8	8	8	8											
04	11	01 13	39	36	32	27	22	22	8	8	8	8	8	8											
04	14	01 39	40	37	31	27	20	20	8	8	8	8	8	8											
04	17	01 77	39	36	30	23	30	30	8	8	8	8	8	8											
04	20	02 15	38	35	30	21	30	30	8	8	8	8	8	8											
04	23	02 46	38	35	31	23	21	21	8	8	8	8	8	8											
05	02	02 66	38	34	26	22	19	19	8	8	8	8	8	8											
05	05	02 76	37	35	31	21	20	20	8	8	8	8	8	8											
05	08	02 84	38	36	33	21	08	08	8	8	8	8	8	8											
05	11	02 83	40	38	36	21	20	20	8	8	8	8	8	8											
05	14	02 89	39	38	36	25	20	20	8	8	8	8	8	8											
05	17	02 81	38	36	34	26	14	14	8	8	8	8	8	8											
05	20	02 71	38	36	33	23	19	19	8	8	8	8	8	8											
05	23	02 63	37	35	33	23	22	22	8	8	8	8	8	8											
06	02	02 57	37	35	33	23	21	21	8	8	8	8	8	8											
06	05	02 38	36	35	33	22	18	18	8	8	8	8	8	8											
06	08	02 33	36	35	33	23	18	18	8	8	8	8	8	8											
06	11	02 10	37	36	33	27	12	12	8	8	8	8	8	8											
06	14	01 76	40	37	33	19	02	02	8	8	8	8	8	8											
06	17	01 51	38	37	35	06	08	08	8	8	8	8	8	8											
06	20	01 14	39	37	35	05	10	10	8	8	8	8	8	8											
06	23	00 75	40	40	39	06	10	10	8	8	8	8	8	8											
07	02	00 34	43	42	41	06	10	10	8	8	8	8	8	8											
07	05	99 84	42	41	40	09	21	16	8	8	8	8	8	8											
07	08	99 60	42	41	40	07	21	16	8	8	8	8	8	8											
07	11	99 45	42	41	40	06	17	16	8	8	8	8	8	8											
07	14	99 35	44	43	41	00	00	00	8	8	8	8	8	8											
07	17	99 37	41	40	39	23	12	12	8	8	8	8	8	8											
07	20	99 52	39	38	38	30	04	01	9	4	4	4	4	4											
07	23	99 66	38	37	36	36	02	16	8	8	8	8	8	8											
08	02	99 67	38	38	38	21	05	04	6	0	2	2	2	2											
08	05	99 69	39	39	39	23	08	08	8	8	8	8	8	8											
08	08	99 90	39	38	38	23	18	05	8	8	8	8	8	8											
08	11	99 96	40	39	38	21	28	16	8	8	8	8	8	8											
08	14	00 27	39	38	37	22	15	16	8	8	8	8	8	8											
08	17	00 34	40	39	38	27	26	04	7	2	2	2	2	2											
08	20	00 50	40	38	36	00	00	00	7	0	2	2	2	2											
08	23	00 61	39	37	35	22	06	08	8	8	8	8	8	8											
09	02	00 43	39	38	37	00	00	00	8	8	8	8	8	8											
09	05	00 05	41	40	39	06	15	16	8	8	8	8	8	8											
09	08	99 64	42	41	39	06	15	08	8	8	8	8	8	8											
09	11	99 39	43	42	41	32	06	04	8	8	8	8	8	8											
09	14	99 21	44	43	42	20	00	08	8	8	8	8	8	8											
09	17	99 27	44	42	40	26	15	16	8	8	8	8	8	8											
09	20	99 38	41	38	34	25	18	18	8	8	8	8	8	8											
09	23	99 37	39	38	36	27	10	10	8	8	8	8	8	8											

Table 39 contd.		RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND															FOR THE MONTH OF MARCH 1952										
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE	
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT			LOW	MIDDLE	HIGH					DIRECTION	SPEED		Hours
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	Cm	Ch	CL	Cm	Ch	"F	"F	Points	Miles	"x10	Kts.	Hours	
10	02	99337	37	36	34	19	12	81	3	03	1	2	6	2	1	0	5	9	9								
10	05	99335	39	39	38	30	14	80	8	02	2	2	8	5	3												
10	08	99339	40	39	37	30	10	64	8	02	2	2	8	5	3												
10	11	99339	41	40	38	30	12	64	7	02	2	2	7	5	4												
10	14	99336	42	39	34	29	16	80	8	02	2	2	8	8	4												
10	17	99343	40	38	35	29	09	80	7	02	2	2	7	8	4												
10	20	99352	39	37	34	29	07	80	7	02	2	2	7	5	5												
10	23	99367	39	36	31	29	10	80	8	02	2	2	8	5	5					43	36	0025	207	30	29	006	
11	02	99377	39	37	34	29	10	80	8	03	2	8	6	5													
11	05	99371	39	38	37	01	04	80	8	02	2	8	8	4													
11	08	99371	39	38	36	07	05	81	8	03	1	7	8	8	1												
11	11	99354	39	39	38	05	06	81	8	02	2	6	8	3													
11	14	99330	39	38	36	08	10	81	8	60	2	7	8	8													
11	17	99314	38	37	35	05	06	81	8	01	6	5	8	8						0							
11	20	99311	38	36	33	05	03	81	8	50	2	4	4	3													
11	23	99398	36	36	33	1	06	64	8	50	5	8	4	3						41	35	0000	119	31	23	000	
12	02	99387	35	34	32	00	00	81	8	02	5	5	4	1													
12	05	99390	35	35	34	00	00	81	8	02	2	6	5	4													
12	08	99390	37	36	34	00	00	81	7	01	2	6	5	4	3												
12	11	99388	39	37	37	00	00	81	7	02	2	5	4	4													
12	14	99399	40	38	35	04	04	81	7	02	2	5	8	3													
12	17	99399	40	37	35	02	02	81	7	02	2	1	8	4													
12	20	99366	38	35	34	04	02	81	7	02	2	3	8	4													
12	23	99391	36	35	33	00	00	82	4	01	1	1	8	4						42	34	0003	067	01	08	006	
13	02	00116	35	34	33	00	00	82	4	02	0	4	8	4													
13	05	00049	37	36	35	00	05	80	8	02	2	6	5	4													
13	08	00080	37	36	34	00	05	81	7	02	2	7	5	4													
13	11	00096	39	37	34	02	08	81	8	02	2	3	8	4	7												
13	14	00109	39	36	32	01	16	81	7	01	2	6	8	4	7												
13	17	00123	38	35	30	02	21	81	7	02	2	7	8	4	5												
13	20	00144	37	34	29	02	19	81	6	02	2	6	8	4	0												
13	23	00159	35	34	32	03	21	81	8	03	2	8	8	4						39	34	0000	228	23	31	000	
14	02	00165	37	36	33	02	16	81	8	02	8	8	8	4													
14	05	00171	37	35	32	02	14	81	8	02	2	8	8	4													
14	08	00179	37	35	33	02	14	80	7	21	6	7	8	4	1												
14	11	00173	40	37	32	02	10	80	7	01	2	6	8	4													
14	14	00159	40	38	35	02	10	80	8	50	0	8	8	4													
14	17	00145	39	38	36	02	13	64	8	02	2	5	8	4													
14	20	00114	39	38	35	02	17	80	8	02	2	8	8	4													
14	23	0096	40	38	35	06	09	80	8	02	2	8	8	4						41	35	0001	187	23	25	001	
15	02	00060	40	40	39	34	12	16	8	61	2	8	6	3													
15	05	00016	42	41	40	31	12	16	8	63	6	8	0	2	2												
15	08	00011	42	41	40	31	14	16	8	63	6	8	0	2	2												
15	11	99993	42	41	40	24	20	16	8	63	6	8	0	2	2												
15	14	00001	38	38	38	19	30	80	6	21	6	4	5	2	3												
15	17	0047	38	36	32	20	25	80	7	03	6	7	5	5													
15	20	0060	38	36	33	21	24	80	5	01	1	4	5	5	3												
15	23	0071	37	36	34	21	20	80	7	51	5	6	5	4	3					44	37	0037	345	20	38	002	
16	02	0079	37	36	35	00	00	80	7	02	2	7	5	4													
16	05	0066	38	38	38	29	06	64	8	02	2	8	6	3													
16	08	0057	39	38	37	36	04	64	8	02	2	8	6	3													
16	11	0041	40	39	38	34	06	64	8	02	2	8	5	3													
16	14	0025	39	38	36	35	05	64	8	02	2	7	8	3	7												
16	17	99935	39	38	37	29	05	48	8	60	6	8	6	3													
16	20	9977	40	39	38	29	16	64	8	20	5	8	6	3													
16	23	9969	40	38	36	30	16	80	8	02	2	8	8	3						40	37	0020	199	30	33	000	
17	02	9959	40	38	35	29	16	81	8	01	2	8	8	4													
17	05	9947	39	37	34	32	06	81	8	02	2	8	8	4													
17	08	9925	39	38	37	33	10	81	8	01	2	5	8	4													
17	11	9901	39	38	37	02	06	81	8	02	2	5	6	3													
17	14	9859	40	38	37	03	08	81	8	02	6	6	6	3													
17	17	9811	37	36	34	02	18	80	8	61	6	8	0	3	2												
17	20	9789	37	36	34	27	20	24	8	61	6	8	0	3													
17	23	9751	37	36	33	27	18	24	8	61	6	8	0	3						41	37	0007	226	27	40	001	
18	02	9763	38	37	34	27	18	24	8	61	6	8	0	3													
18	05	9880	37	36	34	00	40	40	8	61	6	8	0	3													
18	08	9861	38	36	33	00	32	40	8	61	6	8	0	3													
18	11	9867	37	33	33	00	24	40	7	63	8	6	8	3													
18	14	9841	38	36	32	00	06	40	8	60	8	8	8	3													
18	17	9826	39	34	32	00	16	16	8	60	8	8	8	3													
18	20	9824	39	35	33	00	28	16	8	60	8	8	8	3													
18	23	9844	35	35	34	00	30	16	8	63	8	8	8	3						35	34	0030	332	25	56	002	

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF MARCH 1952

Table 39 contd.

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE
						DIRECTION	SPEED					OKtas	CL	h			CM	CH	CL					CM	CH	
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	OKtas	ww	W	OKtas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	*x10	Kts.	Hours
28	02	00.88	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
28	05	00.98	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
28	08	01.10	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
28	11	01.20	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
28	14	01.30	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
28	17	01.33	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
28	20	01.28	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
28	23	01.28	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
29	02	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
29	05	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
29	08	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
29	11	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
29	14	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
29	17	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
29	20	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
29	23	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
30	02	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
30	05	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
30	08	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
30	11	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
30	14	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
30	17	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
30	20	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
30	23	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
31	02	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
31	05	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
31	08	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
31	11	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
31	14	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
31	17	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
31	20	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											
31	23	00.97	35.5	30.0	21.1	3.0	16	8	0	0	0	0	0	3	2											

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF APRIL 1952

Table 39 contd.

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		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE					HIGH	DIRECTION		SPEED	Hours	
	LST.	Mbs.	°F	°F	°F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	°F	°F	Points	Miles	*x10	Kts.	Hours	
19	02	99.46	39	36	30	29	33	81	7	02	8	7	8	4													
19	05	99.39	39	36	30	29	29	40	8	83	8	8	8	4													
19	08	99.49	37	35	29	27	17	80	7	01	8	8	8	4													
19	11	99.57	37	35	29	27	18	40	7	83	8	5	8	4													
19	14	99.78	33	33	27	27	31	16	8	85	8	8	8	4													
19	17	00.09	36	34	27	22	64	7	7	09	8	5	8	4													
19	20	00.56	34	32	22	22	64	7	7	85	8	8	8	4													
19	23	00.81	34	31	22	23	18	81	4	01	8	4	4	0	0	9	9	9	40	33	0008	493	27	60	007		
20	02	01.07	33	30	24	04	82	3	3	01	2	0	0	9	1	0	9	9	9								
20	05	01.01	32	30	05	05	80	8	8	03	2	2	2	8	8	8	8	8	8								
20	08	00.83	32	31	02	09	40	8	8	71	7	7	7	8	8	8	8	8	8								
20	11	00.52	30	30	03	17	40	8	8	22	2	2	2	8	8	8	8	8	8								
20	14	99.94	37	35	03	17	40	8	8	02	2	2	2	8	8	8	8	8	8								
20	17	99.34	37	35	05	17	40	8	8	67	6	6	6	8	8	8	8	8	8								
20	20	98.89	36	35	02	26	40	8	8	53	6	6	6	8	8	8	8	8	8								
20	23	98.50	36	35	01	27	40	8	8	63	6	6	6	8	8	8	8	8	8	38	31	0000	262	03	31	000	
21	02	98.37	38	37	30	07	40	8	8	61	6	6	6	8	8	8	8	8	8								
21	05	98.14	37	36	32	07	81	6	6	02	2	2	2	0	0	7	9	9	9								
21	08	97.93	37	35	05	12	80	8	8	02	2	2	2	8	8	8	8	8	8								
21	11	97.68	37	35	07	16	40	8	8	61	6	6	6	8	8	8	8	8	8								
21	14	97.53	38	38	06	17	64	4	4	51	5	5	5	1	1	2	2	2	2								
21	17	97.62	38	38	02	06	48	8	8	61	6	6	6	8	8	8	8	8	8								
21	20	97.85	39	39	02	16	80	8	8	7	02	1	1	1	6	4	9	9	9								
21	23	98.31	38	38	02	32	81	3	3	09	8	3	3	5	5	0	5	9	9	42	35	0022	231	27	58	000	
22	02	98.71	36	34	20	36	81	4	4	09	1	4	8	4	0	0	5	9	9								
22	05	99.16	35	33	19	33	16	8	8	85	2	8	8	0	0	5	9	9	9								
22	08	99.37	32	32	20	30	16	7	7	85	8	8	8	0	0	6	5	9	9								
22	11	99.61	32	32	20	30	40	7	7	02	8	8	8	0	0	8	8	6	6								
22	14	99.64	33	33	20	19	80	7	7	01	7	7	7	4	4	4	4	4	4								
22	17	99.64	34	34	30	05	80	8	8	02	2	2	2	8	8	8	8	8	8								
22	20	99.40	34	34	06	24	24	8	8	51	5	5	5	2	2	2	2	2	2								
22	23	99.18	39	39	28	19	24	8	8	51	5	5	5	6	6	6	6	6	6	40	32	0016	466	20	49	002	
23	02	99.10	38	36	25	17	40	8	8	20	5	8	5	3													
23	05	99.10	37	35	22	26	40	8	8	02	2	2	2	7	7	7	7	7	7								
23	08	99.25	37	35	22	27	17	40	8	02	2	2	2	8	8	8	8	8	8								
23	11	99.25	36	34	20	05	40	8	8	50	5	5	5	2	2	2	2	2	2								
23	14	99.29	37	35	21	05	40	8	8	50	5	5	5	2	2	2	2	2	2								
23	17	99.37	37	35	25	05	40	8	8	02	2	2	2	7	7	7	7	7	7								
23	20	99.55	36	35	05	16	16	8	8	55	5	5	5	2	2	2	2	2	2								
23	23	99.76	36	35	50	12	16	8	8	22	2	2	2	2	2	2	2	2	2	39	35	0018	247	26	35	000	
24	02	00.03	36	35	26	17	16	8	8	02	6	8	6	3													
24	05	00.32	37	35	28	19	81	3	3	02	6	8	6	3	0	0	6	6	6								
24	08	00.45	37	35	31	29	22	81	4	03	0	0	0	3	3	3	3	3	3								
24	11	00.63	38	35	31	29	20	81	7	26	8	8	8	4	4	4	4	4	4								
24	14	01.00	38	34	26	22	81	2	2	05	1	2	2	0	0	0	0	0	0								
24	17	01.33	37	34	27	29	17	81	3	02	0	3	5	5	5	5	5	5	5								
24	20	01.86	37	34	30	28	15	81	3	02	0	3	5	5	5	5	5	5	5								
24	23	01.66	36	34	29	31	03	81	4	02	1	3	5	5	5	5	5	5	5	39	34	0001	331	28	47	049	
25	02	01.72	36	36	34	34	83	80	8	03	2	3	5	3	1	7	9	9	9								
25	05	01.44	37	35	33	07	05	80	8	02	2	8	8	8	8	8	8	8	8								
25	08	01.32	37	35	32	03	15	80	8	02	2	8	8	8	8	8	8	8	8								
25	11	00.96	38	37	34	06	17	40	8	02	2	8	8	8	8	8	8	8	8								
25	14	00.40	40	39	39	08	17	16	8	58	6	8	6	8	8	8	8	8	8								
25	17	99.98	41	41	41	06	17	04	8	58	6	8	6	8	8	8	8	8	8								
25	20	99.75	42	42	42	06	24	04	8	53	5	8	6	8	8	8	8	8	8								
25	23	98.62	43	43	42	06	30	08	8	58	6	8	6	2						44	36	0001	269	06	44	000	
26	02	98.28	44	44	43	07	17	08	8	58	6	8	6	2													
26	05	97.93	42	41	40	07	17	16	8	60	6	8	6	2													
26	08	98.12	39	37	33	33	35	16	8	21	6	8	5	4													
26	11	98.59	39	35	30	30	26	40	7	01	2	7	5	4													
26	14	98.97	38	35	28	28	25	80	6	01	2	5	8	5	3	0	6	9	9								
26	17	99.25	37	34	29	27	21	80	7	03	2	5	8	5	3	0	6	6	6								
26	20	99.42	37	34	29	27	26	80	7	02	2	5	8	5	3	0	6	6	6								
26	23	99.59	37	34	29	27	27	40	8	85	8	8	8	4						45	36	0054	458	30	69	018	
27	02	99.70	37	34	30	17	40	8	8	25	8	8	8	4													
27	05	99.68	37	35	32	16	80	6	6	02	2	8	8	0	0	7	9	9	9								
27	08	99.35	37	35	33	02	29	64	8	02	2	8	8	4													
27	11	98.78	39	38	35	03	29	44	8	02	2	8	8	4													
27	14	98.78	39	38	35	02	33	24	8	55	5	8	6	6	3	0	8	8	8								

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF APRIL 1952

Table 39 contd..

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	BASE WEATHER	LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	*x10	Kts.	Hours
28	02	97730	38	37	35	29	33	16	8	63	6	8	6	2			7									
28	08	97774	38	37	35	29	31	24	8	50	6	8	6	2			7									
28	08	97785	38	35	35	29	21	80	8	02	9	3	6	3			7	9								
28	11	97855	38	35	35	28	16	80	8	02	2	3	6	6			7	9								
28	14	97668	37	35	35	26	13	81	8	02	2	3	6	6			6	9								
28	17	97811	37	35	35	27	23	80	8	02	2	3	6	6			6	9								
28	20	98117	37	35	35	27	23	24	8	68	6	8	6	6			5			39	35	0039	469	30	65	001
28	23	98660	37	35	35	25	26	40	8	68	6	8	6	6			5									
29	02	98999	36	34	35	27	31	40	8	68	6	8	6	3			5									
29	05	99337	37	37	35	23	33	40	8	68	6	8	6	3			5									
29	08	99448	35	35	35	27	26	80	8	01	1	8	6	6			9	9								
29	11	99446	38	35	35	28	19	81	8	5	8	6	6	6			5	6	9							
29	14	99444	37	35	35	27	26	81	8	25	8	5	8	6			5	6	9							
29	17	99444	37	35	35	27	26	80	8	83	8	8	8	6			6	6								
29	20	99441	37	34	35	28	17	80	8	83	8	8	8	4			6	6								
29	23	99335	36	34	35	28	28	80	8	85	8	8	8	4			6	6		39	34	0006	418	26	72	032
30	02	99334	36	34	31	29	21	40	8	25	8	8	8	4			6									
30	05	9907	34	33	32	27	16	40	8	71	7	8	8	3			6									
30	08	9878	38	36	33	29	21	64	8	51	8	7	8	4			7									
30	11	9901	35	34	33	25	17	81	7	26	8	6	8	3			5	6								
30	14	99226	36	34	31	27	27	81	7	26	8	7	8	5			6	6								
30	17	99445	36	33	27	28	23	81	7	03	2	5	8	4			6	9	6							
30	20	99665	35	33	29	27	22	81	6	03	8	6	8	4			6	9	6							
30	23	9977	35	33	28	27	21	81	5	03	1	5	8	4			6	9	9	38	33	0010	367	27	53	017

Table 39 contd.

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF MAY 1952

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	FAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT			LOW	MIDDLE	HIGH					DIRECTION	SPEED	
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Okias	ww	W	Okias	CL	h	Cm	Ch	CL	Cm	Ch	"F	"F	Points	Miles	"x10	Kts.	Hours
01	02	99	36	33	28	2	2	81	5	0	1	5	8	4	0	0										
01	03	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	04	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	05	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	06	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	07	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	08	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	09	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	10	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	11	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	12	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	13	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	14	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	15	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	16	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	17	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	18	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	19	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	20	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	21	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	22	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	23	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	24	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
01	25	99	36	33	28	2	2	80	5	0	1	5	8	4	0	0										
02	02	00	36	34	30	4	4	88	8	0	0	8	8	3	0	0				39	32	0007	413	23	68	002
02	03	00	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	04	00	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	05	00	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	06	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	07	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	08	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	09	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	10	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	11	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	12	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	13	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	14	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	15	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	16	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	17	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	18	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	19	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	20	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	21	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	22	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
02	23	01	36	34	30	4	4	88	8	0	0	8	8	3	0	0										
03	02	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	03	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	04	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	05	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	06	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	07	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	08	01	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	09	01	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	10	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	11	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	12	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	13	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	14	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	15	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	16	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	17	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	18	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	19	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	20	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	21	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	22	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
03	23	00	35	35	35	1	9	88	8	51	7	8	6	3	3	0										
04	02	00	37	36	34	2	1	88	8	20	5	8	5	3	0	0										
04	03	00	37	36	34	2	1	88	8	20	5	8	5	3	0	0										
04	04	00	37	36	34	2	1	88	8	20	5	8	5	3	0	0										
04	05	00	37	36	34	2	1	88	8	20	5	8	5	3	0	0										
04	06	00	37	36	34	2	1	88	8	20	5	8	5	3	0	0										
04	07	00	37	36	34	2	1	88	8	20	5	8	5	3	0	0										
04	08	00	37	36	34	2	1	88	8	20	5	8	5	3	0	0										
04	09	00	37	36	34	2	1	88	8	20	5	8	5	3	0	0										
04	10	00	37	36	34	2	1	88	8	20	5	8	5	3	0	0										
04	11	00	37	36	34	2	1	88	8	20																

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF MAY 1952**

Table 39 contd.

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		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		Direction	Speed	Hours
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	Cm	Ch	CL	Cm	Ch	"F	"F	Points	Miles	*x10	Kts.	Hours	
10	02	97999	35	32	26	27	30	80	7	85	8	7	8	4													
10	05	98116	35	32	26	27	26	80	7	85	8	7	8	4													
10	08	98228	35	32	26	27	26	80	7	85	8	7	8	4													
10	11	98331	35	31	25	27	19	80	7	85	8	7	8	4													
10	14	98227	35	31	25	27	18	80	7	85	8	7	8	4													
10	17	98223	35	31	25	27	20	80	7	85	8	7	8	4													
10	20	98119	35	31	25	26	17	80	5	85	8	5	6	2													
10	23	98009	32	31	29	29	18	80	7	85	8	7	8	4							36	30	0003	463	27	70	027
11	02	97779	30	30	30	28	25	08	8	85	8	8	8	4													
11	05	97662	30	29	27	26	33	08	8	36	7	8	8	4													
11	08	97664	29	28	26	27	26	08	8	36	7	8	8	4													
11	11	97885	30	29	27	23	44	40	6	26	8	6	6	2													
11	14	98335	32	29	23	23	37	08	7	85	8	7	8	4													
11	17	98860	28	27	25	27	33	08	7	86	8	7	8	4													
11	20	99009	32	30	27	23	44	08	8	86	8	8	8	4													
11	23	99330	29	29	28	23	19	08	8	71	7	8	6	3							34	27	0003	615	23	80	014
12	02	99330	31	30	27	27	19	08	8	71	7	8	6	3													
12	05	99445	32	32	31	23	27	16	8	85	7	8	2	3													
12	08	99771	32	30	26	22	21	81	7	26	8	6	5	5													
12	11	00000	33	31	27	20	21	64	8	71	7	7	8	4													
12	14	00119	30	29	28	24	14	40	8	71	7	8	6	4													
12	17	00112	30	30	29	03	07	08	8	71	7	8	0	2													
12	20	99992	33	32	31	07	10	16	8	66	7	8	0	3													
12	23	99669	41	40	39	25	19	16	8	61	6	5	7	3							43	29	0000	337	26	49	000
13	02	99779	40	39	38	22	13	16	8	50	5	8	6	3													
13	05	99884	40	39	39	21	14	08	8	50	5	8	6	2													
13	08	99882	40	40	39	23	14	16	8	63	6	6	6	2													
13	11	99665	43	42	41	30	20	24	6	61	6	6	6	2													
13	14	99335	42	41	41	30	27	24	8	61	6	6	6	2													
13	17	99226	42	41	39	27	19	16	8	60	6	6	6	2													
13	20	99114	39	38	38	22	17	16	8	60	6	6	6	2													
13	23	99114	38	38	37	24	15	08	8	51	6	8	6	1							45	38	0058	348	29	42	000
14	02	99224	37	37	37	22	19	04	8	51	5	8	6	1													
14	05	99665	34	35	31	21	26	08	8	61	6	6	6	3													
14	08	99886	35	34	32	22	19	08	8	61	6	6	6	3													
14	11	00112	36	35	33	24	12	16	8	51	6	6	6	3													
14	14	00008	36	35	33	23	10	40	8	50	6	6	6	3													
14	17	00007	36	35	33	29	02	40	8	50	6	6	6	3													
14	20	00008	36	35	33	34	08	16	8	50	6	6	6	3													
14	23	99887	36	35	33	02	05	16	8	20	5	8	6	3							38	34	0071	349	23	40	001
15	02	99662	36	36	35	00	00	08	8	61	6	8	6	3													
15	05	99224	39	38	37	06	12	32	8	63	6	6	6	2													
15	08	99003	38	37	35	22	13	24	8	51	6	6	6	3													
15	11	99112	37	36	33	27	10	48	8	66	6	6	6	3													
15	14	99009	38	35	30	29	12	80	8	02	2	8	5	4													
15	17	98888	37	35	32	30	17	64	8	68	2	8	5	4													
15	20	98895	37	35	32	28	22	64	6	80	8	6	6	4													
15	23	98899	37	34	30	29	26	64	6	50	8	6	6	4							0	0	0	0	0	0	0
16	02	99118	37	35	31	30	26	64	8	02	8	8	8	4													
16	05	99550	36	35	31	29	24	64	8	02	2	8	8	4													
16	08	99884	37	35	25	29	15	80	8	02	2	8	8	4													
16	11	99998	37	35	30	27	13	80	8	02	2	8	8	4													
16	14	99882	37	37	36	35	04	40	8	50	2	8	6	1													
16	17	99225	36	35	34	33	08	24	8	60	6	6	6	2													
16	20	99116	43	42	42	30	16	24	8	63	6	6	6	2													
16	23	98998	43	42	41	31	17	24	8	63	6	6	6	2							43	35	0004	333	30	54	000
17	02	99005	40	38	34	28	24	40	7	02	6	3	8	4													
17	05	99112	38	35	30	28	26	80	8	80	8	6	6	4													
17	08	99008	38	35	30	30	26	80	7	02	2	8	5	4													
17	11	99003	38	35	30	31	26	80	6	01	2	8	5	4													
17	14	98776	38	36	30	31	26	80	6	01	2	8	5	4													
17	17	98447	36	34	30	31	21	40	8	60	6	7	6	4													
17	20	98850	37	36	36	29	26	40	8	70	7	8	8	4													
17	23	99559	35	31	23	22	35	16	8	71	7	8	8	3							43	32	0074	481	27	66	026
18	02	95997	34	31	24	22	35	08	7	85	8	7	8	4													
18	05	00337	31	29	26	23	27	81	3	02	1	3	8	5													
18	08	00700	31	28	22	23	22	81	7	02	8	7	8	5													
18	11	00992	32	28	20	23	23	81	7	26	8	7	8	5													
18	14	01111	32	30	25	24	26	80	7	03	8	8	8	5													
18	17	01311	34	31	24	27	16	81	7	26	8	8	8	5													
18	20	01227	35	32	25	28	10	81	7	03	8	3	5	5													
18	23	01222	36	33	28	31	14	80	8	03	2	8	5	4							36	27	0008	419	27	70	030

Table 39 contd. RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF MAY 1952

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE					HIGH	DIRECTION		SPEED	Hours
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	Cm	Ch	CL	CH	CL	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
19	02	0109	36	34	30	31	13	80	8	02	2	8	5	4													
19	05	0073	36	34	30	33	14	40	8	60	6	8	6	3													
19	08	0048	35	33	28	32	16	08	8	53	6	8	6	3													
19	11	0012	36	34	32	32	17	08	8	61	6	8	6	3													
19	14	9993	36	34	33	31	18	16	8	68	6	8	6	3													
19	17	0016	36	34	32	26	17	40	8	60	6	7	7	3													
19	20	0025	35	33	29	27	17	40	5	50	5	5	5	3													
19	23	0038	35	33	27	24	19	64	8	02	2	8	5	3													
20	02	0059	33	31	27	22	12	82	1	01	1	1	5	5													
20	05	0078	33	31	27	18	07	82	5	03	1	3	5	5													
20	08	0084	32	30	27	00	00	82	8	03	2	0	0	0													
20	11	0093	34	32	27	00	00	82	8	02	2	0	0	0													
20	14	0091	34	32	25	00	00	82	7	02	2	0	0	0													
20	17	0089	33	31	25	00	00	82	1	01	1	0	0	0													
20	20	0080	33	31	24	00	00	82	8	50	5	0	0	0													
20	23	0064	33	31	27	00	00	82	8	01	1	0	0	0													
21	02	0046	35	33	29	30	15	80	8	71	7	8	6	4													
21	05	0012	36	35	33	27	12	22	8	51	5	8	6	3													
21	08	9999	36	35	33	28	19	16	8	55	5	8	6	3													
21	11	9991	36	35	33	29	19	16	8	55	5	8	6	3													
21	14	9989	36	35	33	25	20	82	8	55	5	8	6	3													
21	17	0010	36	34	30	25	27	80	8	50	5	8	6	3													
21	20	0023	35	33	31	25	24	80	7	26	2	8	6	4													
21	23	0046	34	33	31	24	24	64	8	55	5	8	6	4													
22	02	0061	35	33	26	24	25	81	1	02	2	8	1	4													
22	05	0059	35	33	28	29	07	81	4	02	2	5	8	4													
22	08	0031	34	33	31	36	10	40	8	01	1	3	8	3													
22	11	9988	33	33	32	06	09	02	8	68	7	8	6	3													
22	14	9952	33	33	35	31	24	24	8	60	6	8	6	3													
22	17	9978	36	35	33	27	26	24	8	60	6	8	6	3													
22	20	0012	37	35	33	25	26	16	8	60	6	8	6	3													
22	23	0053	36	34	30	24	30	16	8	60	6	8	6	3													
23	02	0073	35	32	26	25	27	40	7	85	8	7	8	3													
23	05	0087	35	32	26	25	26	40	7	85	8	7	8	4													
23	08	0099	35	32	26	24	12	80	7	25	2	7	8	4													
23	11	0094	34	32	28	27	10	80	7	26	2	7	8	4													
23	14	0062	35	34	32	00	00	80	7	70	7	7	8	4													
23	17	0046	35	34	32	24	05	40	8	60	6	8	5	4													
23	20	0010	36	36	35	09	02	40	8	51	5	8	5	4													
23	23	9978	36	35	33	27	12	40	8	50	5	8	6	3													
24	02	9947	37	35	33	29	25	40	8	02	2	8	6	3													
24	05	9931	37	36	34	29	24	40	8	02	2	8	6	3													
24	08	9947	39	33	28	25	25	81	7	01	1	2	7	8													
24	11	9958	34	34	28	24	27	81	4	01	1	2	4	8													
24	14	9975	34	32	22	24	28	81	5	01	1	2	5	8													
24	17	9991	34	31	26	24	23	81	1	02	0	1	5	5													
24	20	0001	32	30	26	18	08	81	1	02	0	1	5	5													
24	23	9995	32	30	26	08	16	80	4	03	1	4	6	4													
25	02	9968	35	31	27	09	23	64	8	03	2	8	7	4													
25	05	9900	35	32	31	09	30	01	8	73	7	8	7	2													
25	08	9881	35	32	32	09	16	01	8	73	7	8	7	2													
25	11	9879	34	32	28	19	64	7	7	25	2	7	8	3													
25	14	9868	35	31	31	17	80	8	8	03	6	6	7	8													
25	17	9860	35	32	31	17	64	7	7	58	5	7	8	3													
25	20	9836	36	34	30	31	17	40	7	50	6	7	8	3													
25	23	9803	36	34	30	33	20	24	8	85	8	8	6	5													
26	02	9794	35	33	30	28	18	40	8	22	2	8	8	3													
26	05	9805	35	33	31	29	17	40	7	85	8	7	8	3													
26	08	9807	34	32	28	29	21	80	8	85	8	8	8	3													
26	11	9805	33	32	30	29	19	32	8	71	7	8	7	3													
26	14	9801	33	32	31	24	20	40	7	71	7	7	8	3													
26	17	9806	33	32	31	22	33	08	7	66	6	7	8	3													
26	20	9797	32	31	28	22	39	81	1	01	1	1	8	4													
26	23	9781	32	31	28	21	22	81	3	02	1	3	8	4													
27	02	9781	31	29	24	21	12	81	4	02	1	4	5	5													
27	05	9774	28	27	24	25	16	16	7	85	8	8	8	4													
27	08	9791	28	25	23	20	01	64	6	85	8	8	8	5													
27	11	9807	26	24	18	20	01	81	4	85	8	8	8	5													
27	14	9825	26	24	18	20	01	81	4	85	8	8	8	5													
27	17	9834	27	24	16	21	02	80	7	7	7	7	8	4													
27	20	9841	24	24	23	22	27	04	4	8	8	8	8	4													
27	23	9842	27	25	20	23	21	81	3	8	8	8	8	4													

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF MAY 1952																											
Table 39 contd.																											
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		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		Points	Miles	DIRECTION
	LST.	Mbs.	°F	°F	°F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	hi	CM	CH	CL	CM	CH	°F	°F	Points	Miles	*x10	Kts.	Hours	
28	02	98552	26	25	20	25	20	81	4	02	1	4	8	4	0	0	5	9	9								
28	05	98552	26	24	18	25	23	80	8	86	8	8	8	4	0	0	5	5	5								
28	08	98552	26	24	19	25	21	80	7	85	8	7	8	4	0	0	5	5	5								
28	11	98552	27	24	17	25	18	80	7	86	8	7	8	4	0	0	5	5	5								
28	14	98552	25	25	24	25	19	06	8	85	8	8	8	3	0	0	5	5	5								
28	17	98552	27	25	21	25	20	48	7	85	8	7	8	4	0	0	5	5	5								
28	20	98552	28	26	21	25	22	24	8	85	8	8	8	4	0	0	5	5	5								
28	23	98552	28	26	22	25	25	08	8	86	8	8	8	4	0	0	5	5	5	28	23	0000	478	23	32	000	
29	02	98541	28	26	20	23	27	48	8	88	8	8	8	4	0	0	5	5	5								
29	05	98544	28	27	23	25	25	32	8	88	8	8	8	4	0	0	5	5	5								
29	08	98543	28	26	22	24	23	40	8	88	8	8	8	4	0	0	5	5	5								
29	11	98544	28	26	17	24	25	80	8	88	8	8	8	5	0	0	5	5	5								
29	14	98544	27	25	21	24	24	80	8	88	8	7	8	4	0	0	5	5	5	9							
29	17	98543	28	25	18	24	23	80	7	88	8	7	8	4	0	0	5	5	5								
29	20	98535	28	26	24	24	20	40	8	88	8	8	8	4	0	0	5	5	5								
29	23	98530	27	25	21	24	21	40	8	88	8	8	8	4	0	0	5	5	5	29	25	0000	528	24	36	000	
30	02	98521	27	25	20	24	23	80	4	01	8	3	8	4	1	0	0	6	9	9							
30	05	98508	28	25	19	26	19	80	4	00	2	3	8	4	1	0	0	6	9	9							
30	08	97977	26	25	23	27	19	80	6	00	2	6	8	4	0	0	6	9	9								
30	11	97865	30	26	18	31	17	81	7	00	2	4	8	5	0	0	6	6	4								
30	14	97669	30	28	23	31	19	16	8	88	8	8	8	4	0	0	6	7	7								
30	17	97558	31	30	29	29	14	24	7	88	7	7	8	4	0	0	5	5	5								
30	20	97559	30	29	27	25	11	64	7	88	7	7	8	4	0	0	5	5	5								
30	23	97771	31	30	29	21	14	81	5	88	8	3	8	4	0	0	9	9	9	32	24	0000	351	30	37	012	
31	02	97866	32	31	30	23	12	81	5	88	8	2	8	4	0	0	5	9	9								
31	05	97884	29	29	27	25	10	24	8	88	8	8	8	4	0	0	5	5	5								
31	08	97887	30	29	26	25	13	81	7	88	8	6	8	4	1	1	5	5	5								
31	11	97922	30	28	25	24	12	80	7	88	7	4	8	4	0	0	5	5	5								
31	14	97922	30	28	24	21	18	80	7	88	8	5	8	4	0	0	5	5	5								
31	17	98055	29	29	28	23	16	16	7	88	8	7	8	4	0	0	5	5	5								
31	20	98155	30	30	29	21	20	16	8	71	8	8	8	3	0	0	5	5	5								
31	23	98222	31	30	28	22	23	16	8	73	7	8	8	4	0	0	5	5	5	32	27	0000	390	22	31	003	

**RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JUNE 1952**

Table 39 contd.

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		SUNSHINE	
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	LOW CLOUD	HIGH CLOUD					DIRECTION	DIRECTION		SPEED
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CH	"F	"F	Points	Miles	*x10	Kts.	Hours
10	02	98808	34	31	26	28	21	81	7	03	8	7	8	4											
10	05	97775	35	32	26	29	14	40	8	85	8	8	8	4											
10	08	97712	32	32	30	04	08	01	8	71	7	8	8	6											
10	11	96640	36	35	30	12	08		8	71	7	7	8	6											
10	14	95994	35	32	31	30	22	24	7	85	8	8	8	6											
10	17	95666	35	33	29	29	22	24	8	83	8	8	8	6											
10	20	95553	34	33	31	26	24	24	8	83	8	8	8	6											
10	23	96114	31	30	28	24	24	40	7	83	8	7	8	3					37	31	0004	336	29	48	000
11	02	96650	32	31	28	23	26	64	7	26	8	7	8	3											
11	05	96670	32	29	23	28	20	80	7	85	8	7	8	3											
11	08	96698	31	29	25	24	21	80	6	26	8	6	6	4											
11	11	97721	32	30	25	24	19	81	7	03	2	6	6	2											
11	14	97741	32	29	27	23	20	08	8	85	8	8	8	2											
11	17	97778	31	29	25	21	26	80	8	85	8	6	7	2											
11	20	96811	32	30	26	21	23	81	7	26	8	7	2	4											
11	23	98845	31	30	28	20	20	40	8	86	8	8	2	3											
12	02	99904	31	29	25	19	25	40	8	81	8	8	2	3											
12	05	99942	30	28	26	21	29	81	7	02	8	7	8	4											
12	08	99975	31	27	20	21	26	81	7	02	8	7	8	5											
12	11	99999	29	27	28	22	19	32	7	71	7	7	8	4											
12	14	00229	29	27	25	20	17	80	5	85	8	4	8	5											
12	17	00499	29	27	23	20	13	81	5	02	8	5	5	5											
12	20	00669	28	28	26	27	16	80	6	65	1	8	4	4											
12	23	00774	30	28	24	29	09	80	7	03	8	6	5	5											
13	02	00664	30	28	23	00	00	81	8	02	2	8	5	5											
13	05	00338	32	32	31	36	13	08	8	71	7	8	6	1											
13	08	99886	35	34	33	08	08	24	8	68	7	8	6	6											
13	11	99948	38	37	37	31	26	16	8	50	5	8	6	2											
13	14	99915	39	38	37	30	33	16	8	52	5	8	6	2											
13	17	99912	37	34	29	30	40	40	8	20	8	8	8	4											
13	20	99904	36	33	26	30	22	40	7	85	2	7	8	4											
13	23	98890	35	32	29	30	28	24	8	85	8	6	8	4											
14	02	98773	34	32	29	30	24	24	8	85	8	8	8	4											
14	05	98552	34	32	28	30	30	40	8	85	8	8	8	4											
14	08	98477	32	30	26	29	30	40	8	38	8	8	8	4											
14	11	98556	33	29	25	27	20	16	8	38	5	8	8	4											
14	14	98951	33	31	27	23	45	16	8	80	5	8	8	4											
14	17	99951	33	30	28	21	29	40	8	80	8	8	8	4											
14	20	99982	31	30	28	21	28	40	8	80	8	8	8	4											
14	23	00116	30	29	27	22	50	40	8	80	8	8	8	4											
15	02	00119	30	28	24	22	35	40	8	80	8	8	8	4											
15	05	00331	31	29	26	21	28	64	8	02	2	8	8	4											
15	08	00228	31	29	26	23	27	81	6	02	2	8	5	4											
15	11	00229	31	29	25	22	19	81	7	01	1	8	4	5											
15	14	00115	32	29	25	20	09	81	7	02	2	6	5	5											
15	17	00001	30	28	24	03	12	80	7	03	1	7	5	5											
15	20	99957	31	29	25	07	22	64	8	02	2	8	6	4											
15	23	99920	31	29	28	06	27	40	8	02	2	8	6	4											
16	02	98770	31	31	30	08	31	02	8	73	7	8	7	2											
16	05	98226	32	31	30	08	28	01	8	71	7	8	7	2											
16	08	97883	31	30	29	08	28	01	8	73	7	8	6	2											
16	11	97335	33	32	09	45	01	81	8	73	7	8	6	2											
16	14	96697	33	32	31	09	33	02	8	73	7	8	6	2											
16	17	96681	33	32	31	10	35	02	8	69	7	8	6	2											
16	20	96662	32	32	31	11	21	04	8	70	7	8	6	2											
16	23	96556	33	32	30	03	04	40	7	22	7	7	6	2											
17	02	96555	33	32	30	23	09	40	7	70	7	7	6	2											
17	05	96663	32	30	26	24	25	08	8	71	7	8	6	2											
17	08	96670	32	30	26	23	17	08	8	71	7	8	6	2											
17	11	96690	32	32	32	22	21	08	8	70	7	8	6	2											
17	14	97701	33	32	30	24	30	16	8	26	8	8	8	3											
17	17	97714	33	32	30	25	31	16	8	85	8	8	8	3											
17	20	97726	32	31	29	24	31	16	8	85	8	8	8	3											
17	23	97727	32	31	29	24	30	16	8	85	8	8	8	3											
18	02	97732	32	31	29	24	30	16	8	85	8	8	8	3											
18	05	97722	32	31	28	27	22	64	8	85	8	8	8	3											
18	08	97712	33	31	28	28	17	80	7	26	8	7	8	4											
18	11	97708	33	31	29	27	21	48	7	85	8	7	8	3											
18	14	96696	32	30	25	27	18	81	7	02	8	7	4	5											
18	17	96693	31	31	29	28	17	80	7	26	8	8	8	4											
18	20	96691	31	31	28	27	19	80	6	26	8	6	8	4											
18	23	96683	32	31	28	27	17	80	8	85	8	8	8	4											

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF JUNE 1952																											
Table 39 contd.																											
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	ANEWOMETER	MAXIMUM GUST		SUNSHINE	
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH					DIRECTION	SPEED		DIRECTION
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Okts	ww	W	Okts	CL	h	Cm	Ch	CL	Cm	Ch	"F	"F	Points	Miles	"x10	Kts.	Hours	
22	02	99551	54.0	52.0	21	21	21	81	4	2	0	0	0	0	0	0	0	0	0	34	22	0000	579	22	44	005	
22	05	99866	54.0	52.0	21	22	22	80	5	2	0	0	0	0	0	0	0	0	0								
22	08	00008	54.0	52.0	23	24	24	40	7	3	0	0	0	0	0	0	0	0	0								
22	11	00336	54.0	52.0	24	24	24	24	7	3	0	0	0	0	0	0	0	0	0								
22	14	00550	54.0	52.0	24	23	23	16	8	3	0	0	0	0	0	0	0	0	0								
22	17	00553	54.0	52.0	28	25	25	16	8	3	0	0	0	0	0	0	0	0	0								
22	20	00550	54.0	52.0	31	27	27	16	8	3	0	0	0	0	0	0	0	0	0								
22	23	00335	54.0	52.0	30	27	27	16	8	3	0	0	0	0	0	0	0	0	0								
22	02	00220	54.0	52.0	28	27	27	16	8	3	0	0	0	0	0	0	0	0	0								
22	05	00001	54.0	52.0	30	31	31	16	8	3	0	0	0	0	0	0	0	0	0								
22	08	00133	54.0	52.0	29	29	29	16	7	3	0	0	0	0	0	0	0	0	0								
22	11	00477	54.0	52.0	27	27	27	16	7	3	0	0	0	0	0	0	0	0	0								
22	14	00777	54.0	52.0	25	25	25	40	6	3	0	0	0	0	0	0	0	0	0								
22	17	01005	54.0	52.0	21	22	22	40	6	3	0	0	0	0	0	0	0	0	0								
22	20	01244	54.0	52.0	22	22	22	40	6	3	0	0	0	0	0	0	0	0	0								
22	23	01550	54.0	52.0	25	22	22	40	7	3	0	0	0	0	0	0	0	0	0								
23	02	01775	54.0	52.0	25	23	23	80	5	2	0	0	0	0	0	0	0	0	0								
23	05	01883	54.0	52.0	20	24	24	80	7	3	0	0	0	0	0	0	0	0	0								
23	08	01888	54.0	52.0	20	27	27	80	8	3	0	0	0	0	0	0	0	0	0								
23	11	01966	54.0	52.0	20	31	31	81	8	3	0	0	0	0	0	0	0	0	0								
23	14	01899	54.0	52.0	20	29	29	81	8	3	0	0	0	0	0	0	0	0	0								
23	17	01799	54.0	52.0	22	23	23	81	4	3	0	0	0	0	0	0	0	0	0								
23	20	01629	54.0	52.0	22	23	23	81	4	3	0	0	0	0	0	0	0	0	0								
23	23	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	02	01552	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	05	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	08	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	11	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	14	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	17	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	20	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	23	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	02	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	05	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	08	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	11	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	14	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	17	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	20	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								
23	23	01332	54.0	52.0	11	11	11	64	8	3	0	0	0	0	0	0	0	0	0								

Table 39 contd.

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF JULY 1952

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT			LOW	MIDDLE	HIGH					DIRECTION	SPEED	
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
01	02	0110	36	35	33	08	16	16	8	51	5	8	6	3												
01	05	0091	36	35	33	09	08	16	8	51	5	8	6	3												
01	08	0063	36	35	35	09	15	08	8	51	5	8	6	3												
01	11	0029	36	35	34	08	23	16	8	50	5	8	6	3												
01	14	9964	36	35	35	07	26	16	8	50	5	8	6	3												
01	17	9880	35	35	34	09	35	08	8	52	5	8	6	3												
01	20	9819	37	35	36	04	21	08	8	51	5	8	6	3												
01	23	9818	35	35	34	35	16	08	8	50	5	8	6	3						38	34	0024	337	08	51	000
02	02	9803	35	34	32	02	11	08	8	70	5	8	6	3												
02	05	9771	34	34	34	08	10	08	8	60	6	8	6	3												
02	08	9763	34	34	34	30	08	16	8	60	6	8	6	3												
02	11	9761	35	34	31	35	10	16	8	60	6	8	6	3												
02	14	9733	34	33	31	33	23	40	7	65	6	8	6	3												
02	17	9743	35	33	24	31	20	80	5	65	6	8	6	3												
02	20	9744	34	32	28	33	20	80	7	7	7	7	7	7												
02	23	9737	34	32	28	32	20	80	7	8	8	8	8	8												
03	02	9703	34	32	28	32	20	40	8	65	6	8	6	3												
03	05	9686	35	32	29	31	19	64	7	65	6	8	6	3												
03	08	9697	35	31	27	31	25	80	7	65	6	8	6	3												
03	11	9698	35	31	27	33	28	80	7	65	6	8	6	3												
03	14	9691	35	32	27	30	02	80	7	65	6	8	6	3												
03	17	9705	35	32	29	25	19	10	8	65	6	8	6	3												
03	20	9746	32	31	29	23	19	81	7	65	6	8	6	3												
03	23	9775	32	31	27	23	19	81	7	65	6	8	6	3												
04	02	9781	33	32	30	28	17	81	7	26	8	7	8	4												
04	05	9763	33	32	30	27	17	40	8	65	6	8	6	3												
04	08	9765	31	31	30	28	17	16	8	65	6	8	6	3												
04	11	9766	33	31	27	17	24	80	7	65	6	8	6	3												
04	14	9772	33	31	27	25	23	24	8	65	6	8	6	3												
04	17	9776	35	31	29	24	16	80	7	65	6	8	6	3												
04	20	9804	34	31	28	23	16	40	8	65	6	8	6	3												
04	23	9830	31	30	28	23	26	40	7	65	6	8	6	3												
05	02	9862	30	29	27	23	26	24	8	66	6	8	6	3												
05	05	9883	30	29	27	24	30	40	8	66	6	8	6	3												
05	08	9928	29	28	20	24	56	40	7	66	6	8	6	3												
05	11	9958	30	28	24	24	31	40	7	65	6	8	6	3												
05	14	9978	31	29	25	23	32	80	7	26	8	6	8	4												
05	17	0010	31	30	28	22	31	80	7	66	6	8	6	3												
05	20	0034	30	29	27	22	30	80	7	26	8	6	8	4												
05	23	0059	32	30	26	23	26	80	8	65	6	8	6	3												
06	02	0073	33	31	26	23	26	80	8	26	8	8	8	4												
06	05	0092	33	30	25	24	29	80	8	02	2	7	5	5												
06	08	0110	32	30	26	23	28	80	7	02	2	7	5	4												
06	11	0130	33	31	27	24	26	80	5	25	8	5	8	4												
06	14	0139	33	31	26	24	23	81	6	25	8	6	8	4												
06	17	0153	33	31	27	24	19	80	7	02	8	7	8	4												
06	20	0160	33	32	29	24	18	80	8	25	8	6	8	4												
06	23	0158	34	33	31	27	12	40	8	71	7	8	6	3												
07	02	0154	34	33	32	27	12	40	8	68	7	8	6	3												
07	05	0146	35	34	32	27	23	40	8	68	7	8	6	3												
07	08	0146	33	33	31	27	20	16	8	68	7	8	6	3												
07	11	0123	34	33	31	27	17	16	8	68	7	8	6	3												
07	14	0080	36	35	34	31	35	08	8	68	7	8	6	3												
07	17	0090	35	35	33	28	26	08	8	68	7	8	6	3												
07	20	0139	35	35	27	28	26	80	7	65	7	7	8	5												
07	23	0158	35	35	29	29	23	80	7	26	8	7	5	5												
08	02	0158	34	33	29	29	23	80	8	02	8	8	5	4												
08	05	0133	36	34	30	29	15	40	8	60	2	8	6	3												
08	08	0084	36	33	30	25	16	80	8	60	6	8	6	3												
08	11	0059	36	33	30	37	40	80	8	02	2	8	6	3												
08	14	0049	36	33	37	29	25	40	8	60	6	8	6	3												
08	17	0055	36	33	37	35	31	17	8	60	6	8	6	3												
08	20	0059	37	36	35	30	17	16	8	60	6	8	6	3												
08	23	0069	36	35	33	26	17	80	8	02	2	8	6	3												
09	02	0074	35	34	32	27	20	80	8	02	2	8	6	3												
09	05	0082	35	35	29	24	23	80	8	02	2	8	7	4												
09	08	0086	35	35	30	24	24	80	7	02	2	7	5	3												
09	11	0089	35	34	24	24	22	64	8	02	2	7	7	5												
09	14	0090	34	34	32	25	18	40	8	02	2	7	7	5												
09	17	0090	34	33	31	24	13	64	8	02	2	7	7	5												
09	20	0079	33	32	31	02	06	16	8	51	5	8	6	3												
09	23	0039	35	35	34	02	06	48	8	51	5	7	6	3												

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JULY 1952

Table 39 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MOON	LOW	MIDDLE					HIGH	DIRECTION		SPEED	
	LST.	Mbs.	°F	°F	°F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CM	CH	°F	°F	Points	Miles	*x10	Kts.	Hours	
10	02	00 14	37	36	35	22	14	80	8	21	6	7	7	4	3											
10	05	99 86	37	37	36	22	10	08	8	21	6	8	6	2	3											
10	08	99 25	39	39	38	34	04	08	8	59	6	8	6	2	2											
10	11	98 79	41	40	39	32	25	08	8	53	6	8	6	2	2											
10	14	98 22	38	37	36	30	18	08	8	55	6	8	6	2	2											
10	17	97 78	37	34	30	31	19	16	8	54	5	8	6	3	3											
10	20	97 26	35	34	31	31	25	08	8	73	7	8	6	3	3											
10	23	96 80	34	33	30	30	26	04	8	73	7	8	6	3	3				43	33	00 19	323	30	51	000	
11	02	96 97	33	33	32	27	26	16	8	70	7	8	5	3	3											
11	05	97 95	30	30	27	22	44	40	8	02	2	8	7	4	6											
11	08	98 87	27	26	24	22	45	40	8	02	2	8	5	5	4											
11	11	99 64	28	25	20	21	42	40	8	02	2	8	5	5	4											
11	14	99 95	30	25	12	23	44	40	7	02	2	7	8	5	5											
11	17	00 26	30	25	12	24	56	16	7	86	8	7	8	4	4											
11	20	00 59	31	30	28	22	42	16	7	85	8	7	8	4	4											
11	23	00 79	33	31	27	23	40	40	7	85	8	7	8	4	4				35	27	00 10	808	23	76	001	
12	02	01 03	33	31	27	23	40	40	7	85	8	6	8	4	6											
12	05	01 26	32	31	28	23	35	40	7	02	8	8	4	4	6											
12	08	01 47	32	31	29	24	31	64	7	02	8	8	4	4	4											
12	11	01 52	33	32	29	24	29	64	8	00	7	8	4	4	4											
12	14	01 41	34	32	28	24	31	24	8	16	7	8	4	4	4											
12	17	01 40	35	33	30	28	25	64	8	50	7	8	5	3	3											
12	20	01 29	35	33	31	29	21	40	8	51	5	8	5	3	3											
12	23	01 14	35	34	31	29	18	40	8	61	6	8	6	3	3				35	31	00 60	584	23	65	000	
13	02	00 97	35	34	32	30	22	40	8	51	5	8	6	3	3											
13	05	00 82	35	35	32	29	21	24	8	51	5	6	6	2	2											
13	08	00 56	35	34	30	29	28	40	8	20	5	8	8	4	4											
13	11	00 44	35	34	30	29	21	40	8	68	7	8	8	4	4											
13	14	00 16	36	34	30	29	28	32	8	71	7	7	7	4	2											
13	17	99 89	36	34	32	29	28	24	8	68	7	7	7	4	2											
13	20	99 57	36	34	32	30	35	16	8	68	7	8	6	4	4											
13	23	99 48	36	34	30	30	35	16	8	68	7	8	6	4	4				37	35	00 03	499	30	63	000	
14	02	99 49	34	32	28	29	26	80	4	01	7	3	7	4	3	0	6	9	9							
14	05	99 41	34	32	30	29	23	80	7	36	8	7	8	4	0	6	6	9	9							
14	08	99 41	34	32	28	28	35	80	7	85	8	7	8	4	0	6	6	9	9							
14	11	99 55	35	31	24	28	30	81	6	85	8	6	8	4	0	6	6	9	9							
14	14	99 73	34	31	26	28	35	81	6	26	8	5	8	4	6	0	6	6	9							
14	17	00 02	34	32	28	27	30	80	7	86	8	7	8	4	0	6	6	6	9							
14	20	00 38	34	32	28	27	30	80	7	86	8	7	8	4	0	6	6	6	9							
14	23	00 49	35	31	27	24	28	80	8	85	8	8	8	4	0	6	6	6	9							
15	02	00 52	33	31	27	27	20	40	8	86	8	8	8	4	6											
15	05	00 22	33	32	31	31	12	08	8	71	7	8	6	3	3											
15	08	99 74	33	34	32	29	22	16	8	51	7	8	6	3	3											
15	11	99 28	33	34	33	31	28	32	8	68	6	8	7	3	3											
15	14	98 85	33	36	33	31	40	32	8	60	7	8	6	3	3											
15	17	98 84	33	35	34	28	28	27	8	61	6	8	7	3	3											
15	20	98 85	33	35	32	28	21	24	8	68	7	8	7	3	3											
15	23	98 77	35	35	30	28	25	32	6	70	7	8	7	3	3				37	32	00 06	468	30	72	000	
16	02	98 88	35	34	33	27	35	40	8	02	2	8	7	3	6											
16	05	99 08	33	31	27	27	38	40	5	01	2	5	7	3	0	6	6	9	9							
16	08	99 32	33	29	27	27	36	24	7	16	2	7	7	3	0	6	6	6	9							
16	11	99 41	33	31	27	27	36	80	6	26	8	6	2	5	0	6	6	9	9							
16	14	99 43	33	30	28	27	33	80	5	26	8	4	8	4	7	0	6	6	9							
16	17	99 42	33	29	27	27	33	80	7	15	8	7	8	4	0	6	6	6	9							
16	20	99 33	33	29	25	28	18	81	4	01	8	4	8	4	0	6	6	6	9							
16	23	99 26	30	29	27	24	26	24	7	35	8	7	8	4	0	6	6	6	9							
17	02	99 50	30	28	23	24	30	40	5	26	8	5	8	4	0	6	6	9	9							
17	05	99 85	32	28	24	23	30	40	6	85	8	6	8	4	0	6	6	5	9	9						
17	08	00 29	32	27	24	22	38	80	4	85	8	4	8	4	0	6	6	5	9	9						
17	11	00 77	32	27	24	23	31	81	6	85	8	6	8	4	0	6	6	5	9	9						
17	14	00 96	32	26	22	23	35	08	7	86	8	7	8	4	0	6	6	5	9	9						
17	17	01 13	32	26	22	27	25	08	7	86	8	7	8	4	0	6	6	5	9	9						
17	20	01 17	30	28	24	24	30	40	6	85	8	6	8	4	0	6	6	5	9	9						
17	23	01 20	32	30	26	25	22	40	7	85	8	7	8	4	0	6	6	5	9							
18	02	01 19	32	30	26	24	30	08	8	86	8	8	8	4	5											
18	05	00 96	30	30	29	28	21	40	8	71	7	8	8	4	6											
18	08	00 54	32	30	27	27	16	80	8	02	7	6	5	4	2											
18	11	99 95	31	30	31	31	14	06	8	73	7	8	6	2	2											
18	14	98 81	32	31	01	07	02	8	8	73	7	8	0	2	2											
18	17	98 24	32	31	24	27	32	8	8	02	7	8	6	2	2											
18	20	98 42	32	29	27	27	32	8	8	33	3	8	8	3	3											
18	23	98 66	31	28	22	24	27	40	8	33	3	8	8	3	3				34	29	00 00	423	27	76		

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JULY 1952

Table 39 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	°F	°F	°F	°x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	Cm	Ch	CL	Cm	Ch	°F	°F	Points	Miles	°x10	Kts.	Hours
19	02	9876	32	28	20	24	33	04	8	39	3	8	8	4												
19	05	9884	32	28	20	24	33	04	8	39	3	8	8	4												
19	08	9885	33	29	21	24	27	05	8	38	3	8	8	4												
19	11	9885	34	30	21	24	22	04	8	38	3	8	8	4												
19	14	9871	34	30	21	27	21	04	8	70	7	8	8	4												
19	17	9870	34	30	21	27	20	04	8	70	7	8	8	4												
19	20	9865	34	30	21	27	19	04	8	70	7	8	8	4												
19	23	9877	35	32	22	25	23	04	8	65	8	8	8	4						35	31	0003	469	24	60	000
20	02	9879	34	33	31	25	23	04	8	65	8	8	8	4												
20	05	9869	35	32	30	29	20	08	8	66	8	8	8	4												
20	08	9876	35	32	30	25	26	08	8	66	8	8	8	4												
20	11	9911	33	32	30	23	33	16	8	66	8	8	8	4												
20	14	9936	32	31	29	21	20	40	8	65	8	8	8	4												
20	17	9958	32	31	29	23	17	40	7	26	8	8	8	4												
20	20	9960	32	31	29	23	07	16	8	71	9	8	8	4												
20	23	9938	32	31	29	23	15	16	8	73	9	8	8	4												
21	02	9912	32	31	29	30	26	16	8	71	7	8	5	3												
21	05	9922	35	33	29	27	22	40	8	02	7	8	5	3												
21	08	9944	35	33	26	27	16	80	8	02	2	8	5	4												
21	11	9949	34	32	27	23	25	80	7	26	8	8	6	4												
21	14	9934	34	32	27	23	15	40	8	71	7	8	6	2												
21	17	9916	35	32	26	19	64		8	50	5	8	6	2												
21	20	9896	35	32	26	17	16		8	68	5	8	6	2												
21	23	9864	35	32	30	30	27	64	8	02	5	8	5	3												
22	02	9845	35	33	30	29	18	40	6	22	7	6	5	3												
22	05	9821	34	32	30	29	18	40	8	22	7	6	5	3												
22	08	9798	32	30	27	30	30	40	6	36	7	5	5	4												
22	11	9763	33	31	26	30	35	40	8	22	7	7	5	4												
22	14	9753	33	31	23	29	30	64	8	22	7	7	8	4												
22	17	9754	32	31	27	27	28	24	8	70	7	8	8	4												
22	20	9703	32	31	30	31	18	08	8	71	7	8	6	3												
22	23	9628	34	33	32	30	30	08	8	70	7	8	6	3												
23	02	9621	32	30	28	28	29	24	7	70	7	7	6	3												
23	05	9635	30	29	27	28	20	16	8	66	8	8	8	3												
23	08	9635	29	28	26	28	30	16	7	66	8	7	8	3												
23	11	9630	31	28	28	28	26	80	6	01	8	5	8	4												
23	14	9647	31	27	28	28	15	80	7	85	8	7	8	4												
23	17	9647	29	27	28	24	16	40	7	86	8	7	8	4												
23	20	9667	30	29	27	22	28	16	5	26	8	5	8	4												
23	23	9712	27	26	24	22	28	16	8	66	8	8	8	4												
24	02	9757	25	24	22	20	25	16	8	66	8	8	8	4												
24	05	9818	27	24	18	20	23	80	7	02	8	7	8	4												
24	08	9861	27	25	22	20	25	80	7	02	2	7	8	5												
24	11	9898	26	24	21	21	23	81	6	26	8	5	8	5												
24	14	9931	28	26	23	21	28	80	7	26	8	7	8	5												
24	17	9959	27	25	21	22	27	81	7	26	8	5	2	5												
24	20	9980	27	25	21	22	28	16	7	85	8	7	2	4												
24	23	9987	27	25	21	21	20	64	8	36	3	8	4	4												
25	02	9988	28	26	23	23	18	80	7	02	3	7	4	4												
25	05	9977	28	27	26	30	07	08	8	70	7	6	6	3												
25	08	9967	29	29	28	18	02	08	8	71	7	8	6	3												
25	11	9962	29	29	28	09	01	08	8	71	7	8	6	3												
25	14	9962	32	31	30	07	05	40	7	22	7	7	5	4												
25	17	9996	32	32	30	35	02	80	8	02	2	8	5	3												
25	20	9985	33	32	31	32	02	24	8	70	7	8	5	3												
25	23	9959	34	34	33	24	04	24	8	68	6	8	5	3												
26	02	9951	35	36	35	24	11	24	8	50	6	8	6	3												
26	05	9958	35	36	36	22	12	08	8	61	6	8	6	2												
26	08	9979	35	36	36	23	15	08	8	61	6	8	6	2												
26	11	9995	35	36	36	22	12	08	8	60	6	6	6	2												
26	14	0004	35	36	36	24	15	08	8	53	6	6	6	2												
26	17	0005	35	36	36	23	15	08	8	63	6	6	6	2												
26	20	0002	37	37	24	17	24		8	21	6	6	6	2												
26	23	9992	41	41	40	26	08		8	61	6	6	6	2												
27	02	9978	41	41	41	31	25	08	8	60	6	6	6	2												
27	05	9967	39	39	39	34	25	16	8	51	5	6	6	2												
27	08	9937	41	40	39	33	21	16	8	51	5	6	6	2												
27	11	9916	41	40	40	33	19	16	8	60	6	6	6	2												
27	14	9899	39	38	37	31	26	24	8	60	6	6	6	2												
27	17	9925	35	35	34	28	16	16	8	51	5	5	5	2												
27	20	9929	35	35	27	30	25	64	8	02	8	7	5	5												
27	23	9932	35	34	30	30	28	16	7	68	7	7	5	3												

Table 39 contd.		RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND														FOR THE MONTH OF JULY 1952										
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	FAST WEATHER	LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	°F	°F	°F	°x10	Kts.	VV	Okas	vv	W	Okas	CL	h	C _M	C _H	C _L	C _M	C _H	°F	°F	Points	Miles	°x10	Kts.	Hours
28	02	99938	35	32	26	29	28	81	5	50	5	5	5	4	0	0	6	9	9							
28	05	99938	35	33	28	30	28	81	5	50	5	6	5	4	0	0	6	9	9							
28	08	99938	35	34	30	30	20	80	8	02	2	6	7	4	1	0	6	8	9							
28	11	99938	35	35	31	31	22	64	7	85	8	7	8	4			8	8								
28	14	99938	34	35	31	31	19	80	7	22	6	5	8	4	3		9	9								
28	17	99938	32	35	27	31	35	80	6	66	8	3	7	4	0	5	8	9	9							
28	20	99938	31	30	28	31	28	40	6	65	8	6	8	4	0	0	8	9	9							
28	23	99938	30	29	27	31	26	40	4	36	8	4	8	4	0	0	8	9	9	37	27	0024	480	30	66	003
29	02	99912	30	27	21	31	29	40	7	36	8	7	8	4			7	7								
29	05	99915	30	27	21	29	35	40	6	38	3	6	8	4	0	0	7	9	9							
29	08	99919	30	27	21	24	35	40	6	38	3	6	8	4	0	0	7	9	9							
29	11	99961	28	25	18	27	26	80	5	86	8	4	2	4	6	0	7	7	9							
29	14	99920	26	24	19	24	30	40	6	66	8	5	2	4	3	0	7	7	9							
29	17	99920	28	25	18	26	24	40	7	26	8	7	2	4	4		6	6								
29	20	99938	28	25	18	24	17	80	7	26	8	7	2	4	4		6	6								
29	23	99938	28	26	22	24	10	80	8	70	8	8	4	4			6	6		31	22	0000	527	29	72	015
30	02	99943	31	29	25	24	07	80	8	70	7	8	5	4			6	6								
30	05	99912	32	32	29	00	00	16	8	71	7	8	6	3	3		9	9								
30	08	99911	33	33	30	29	24	16	8	51	5	8	6	2	2		6	6								
30	11	99904	35	35	35	28	24	48	8	02	2	8	5	3	3		6	6								
30	14	99934	33	33	33	31	21	40	8	61	6	5	5	3		6	6									
30	17	99977	33	34	33	31	22	48	8	61	6	7	7	3		9	9									
30	20	99955	35	35	35	31	22	24	8	51	5	7	7	2	2		6	6								
30	23	99907	35	35	35	31	23	48	8	02	5	8	5	4			6	6		37	29	0008	359	29	64	000
31	02	99915	36	33	28	29	20	48	8	02	2	7	5	3	1		6	9								
31	05	99922	34	33	30	29	24	40	8	22	7	8	5	3		6	8									
31	08	99933	33	33	30	33	27	24	7	36	7	7	8	4			8	8								
31	11	99955	34	32	28	24	27	64	7	22	7	7	8	4			5	5								
31	14	0049	32	30	27	22	33	40	7	50	5	7	5	4			5	5								
31	17	0101	31	29	24	22	28	80	6	09	2	6	5	5	0	0	5	9	9							
31	20	0144	31	28	23	22	20	80	7	03	2	7	5	5			5	5								
31	23	0162	31	29	26	24	17	81	8	02	2	8	5	5			5	5		36	30	0006	531	27	54	000

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF AUGUST 1952

Table 39 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE					HIGH	°x10		Kts.	Hours
	LST.	Mbs.	°F	°F	°F	°x10	Kts.	VV	Okas	ww	W	Okas	Cl	h	Cm	Ch	Cl	Cm	Ch	°F	°F	Points	Miles	°x10	Kts.	Hours
01	02	01662	31	30	28	28	13	80	8	70	7	6	5	5												
01	05	01144	30	29	27	27	13	80	8	71	7	6	5	5												
01	08	01118	30	29	27	27	13	80	8	71	7	6	5	5												
01	11	00997	30	29	27	27	13	80	8	61	7	6	5	5												
01	14	00766	30	29	27	27	13	80	8	61	7	6	5	5												
01	17	00533	30	29	27	27	13	80	8	60	6	6	5	5												
01	20	00299	30	29	27	27	13	80	8	60	6	6	5	5												
01	23	00001	30	29	27	27	13	80	8	60	6	6	5	5												
02	02	99992	38	37	35	31	33	16	8	60	6	6	7	3						38	30	0000	403	30	53	000
02	05	99995	37	36	34	30	32	16	8	51	5	5	5	3												
02	08	99978	34	33	33	28	17	24	8	68	6	6	6	2												
02	11	99955	32	31	30	25	09	08	8	71	7	7	6	2												
02	14	99900	32	31	30	01	16	8	8	71	7	6	6	2												
02	17	98865	32	31	30	29	40	8	8	51	7	6	6	3												
02	20	98895	31	29	28	30	40	7	7	51	5	7	5	3												
02	23	99114	31	30	28	28	64	6	6	26	6	6	8	5	0	0	6	9	9	38	30	0017	412	29	64	000
03	02	99925	29	27	24	29	22	64	7	85	8	7	8	4												
03	05	99934	29	27	23	27	23	64	6	85	8	6	8	4												
03	08	99952	30	29	27	26	24	40	7	85	8	6	8	4												
03	11	99984	29	27	24	26	23	64	7	85	8	6	8	4												
03	14	99994	27	26	25	25	04	8	8	85	8	6	8	4												
03	17	00034	26	25	22	28	24	8	8	36	6	6	6	2												
03	20	00034	27	25	25	20	40	8	8	36	6	6	6	2												
03	23	00034	32	32	30	21	40	8	8	36	6	6	6	4												
04	02	00054	34	32	28	27	28	24	8	36	6	6	6	4												
04	05	00088	33	31	27	24	40	16	8	38	6	6	6	3												
04	08	01233	32	30	26	22	33	40	8	02	3	6	5	5												
04	11	01229	34	33	31	27	19	40	8	85	8	6	6	5												
04	14	01233	33	33	33	24	16	16	8	71	7	6	6	5												
04	17	01433	34	34	34	24	19	16	8	61	6	6	6	5												
04	20	01433	35	35	35	23	19	08	8	62	6	6	7	5												
04	23	01350	35	35	35	26	15	40	8	21	6	6	6	5												
05	02	01117	38	37	35	30	26	81	8	02	2	6	3	3												
05	05	00568	37	35	30	33	16	16	8	51	5	6	6	2												
05	08	00991	37	37	36	25	16	16	8	51	5	6	6	2												
05	11	00994	36	35	35	30	16	16	8	51	5	6	6	2												
05	14	01243	35	35	35	24	28	08	8	31	5	6	6	2												
05	17	01400	35	35	34	23	27	24	8	51	5	6	6	3												
05	20	01588	34	34	34	24	18	08	8	51	5	6	6	2												
05	23	01543	35	35	36	24	17	06	8	51	5	6	6	1												
06	02	01771	37	37	37	24	19	06	8	51	5	6	6	1												
06	05	01773	37	37	37	24	19	06	8	51	5	6	6	1												
06	08	01697	37	37	37	23	20	04	8	50	5	6	6	1												
06	11	01677	39	39	38	25	25	04	8	20	5	6	6	2												
06	14	01400	43	43	40	27	35	54	8	02	2	7	5	4												
06	17	01400	43	42	39	27	35	24	8	02	2	7	5	2												
06	20	01335	42	41	39	29	32	40	8	02	2	7	5	3												
06	23	01129	45	41	38	29	35	40	8	02	2	6	5	3												
07	02	01112	41	40	39	30	35	08	8	54	5	6	3	3												
07	05	00998	42	41	40	30	33	16	8	51	5	6	6	3												
07	08	00665	45	41	40	30	38	16	8	50	5	6	6	3												
07	11	00550	45	41	40	30	34	16	8	52	6	6	6	3												
07	14	00335	42	41	40	30	44	16	8	62	6	6	6	3												
07	17	00551	37	37	36	42	16	16	8	62	6	6	7	3												
07	20	00667	34	34	34	29	19	16	8	63	6	6	6	3												
07	23	00667	33	33	33	22	09	08	8	53	5	6	6	2												
08	02	00555	33	33	33	06	07	08	8	51	5	6	5	1												
08	05	00334	33	32	07	17	24	8	8	70	7	6	6	3												
08	08	00220	33	32	07	13	32	8	8	40	4	6	6	3												
08	11	00220	34	34	00	00	32	8	8	20	5	6	6	3												
08	14	00226	38	37	35	26	08	04	8	41	4	6	6	2												
08	17	00119	34	34	34	23	08	16	8	41	4	6	6	2												
08	20	99999	33	33	33	06	09	04	8	50	5	6	6	2												
08	23	99921	35	35	34	08	17	16	8	63	6	7	7	5												
09	02	98860	38	38	38	07	09	16	8	61	6	8	7	2												
09	05	98817	39	39	38	32	10	08	8	50	5	6	6	3												
09	08	98810	36	35	33	26	24	8	8	02	2	6	6	3												
09	11	98802	35	33	28	20	40	8	8	22	2	6	6	4												
09	14	97749	35	33	29	26	40	8	8	26	6	6	6	4												
09	17	97749	35	33	30	26	40	8	8	26	6	6	6	3												
09	20	97761	33	31	29	21	32	8	8	22	2	7	7	3												
09	23	97761	32	31	29	18	40	8	8	22	2	7	7	3												

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF AUGUST 1952

Table 39 contd.

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	ANEKOMETR	MAXIMUM GUST		SUNSHINE	
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	WOODS	LOW	MIDDLE					HIGH	DIRECTION		SPEED
	LST.	Mbs.	°F	°F	°F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CH	°F	°F	Points	Miles	*x10	Kts.	Hours
10	02	99793	31	28	22	31	23	40	5	26	8	5	8	4	0	0	7	9							
10	05	99802	31	28	22	31	23	40	5	26	8	5	8	4	0	0	7	9							
10	08	99813	30	27	21	30	22	40	5	26	8	5	8	4	0	0	7	9							
10	11	99831	30	27	21	30	22	40	5	26	8	5	8	4	0	0	7	9							
10	14	99845	29	26	20	29	22	40	5	26	8	5	8	4	0	0	7	9							
10	17	99855	29	26	20	29	22	40	5	26	8	5	8	4	0	0	7	9							
10	20	99855	29	26	20	29	22	40	5	26	8	5	8	4	0	0	7	9							
10	23	99823	28	25	19	28	21	40	5	26	8	5	8	4	0	0	7	9	33	26	0000	392	27	51	047
11	02	9968	26	24	19	22	18	16	8	86	8	6	8	4	0	0	5	6							
11	05	0005	26	23	15	24	26	64	5	15	8	5	2	2	0	0	0	0							
11	08	0026	26	23	12	24	25	81	5	02	8	5	6	8	0	0	0	0							
11	11	0045	26	23	13	25	13	81	7	03	2	2	2	2	0	0	1	0							
11	14	0040	28	26	20	27	10	40	8	85	8	8	8	4	2	2	2	2							
11	17	0028	30	28	22	29	12	24	8	71	7	7	7	4	2	2	2	2							
11	20	9932	34	32	28	31	24	16	8	70	7	7	7	3	2	2	2	2							
11	23	0005	34	32	28	31	24	24	8	61	6	7	7	3	2	2	2	2	35	23	0001	380	23	44	017
12	02	0028	35	34	29	29	20	40	8	23	7	6	5	3	2	2	2	2							
12	05	0046	35	34	29	28	20	40	8	02	2	8	5	3	2	2	2	2							
12	08	0054	35	34	29	28	20	24	8	50	5	7	5	3	2	2	2	2							
12	11	0045	35	33	27	27	16	40	8	68	7	7	7	2	2	2	2	2							
12	14	0008	37	36	30	29	24	40	8	68	7	7	7	2	2	2	2	2							
12	17	9992	37	36	30	29	24	40	8	60	7	7	7	2	2	2	2	2							
12	20	9947	35	34	29	31	16	16	8	69	7	7	7	2	2	2	2	2							
12	23	9920	36	35	29	29	20	16	8	68	7	6	6	2	2	2	2	2	37	34	0010	451	30	63	000
13	02	9947	32	31	29	25	26	40	7	01	7	7	5	3	2	2	2	2							
13	05	9974	33	32	25	25	31	40	7	7	7	5	3	2	2	2	2	2							
13	08	9955	34	32	28	27	20	80	8	02	2	7	4	3	2	2	2	2							
13	11	9987	34	30	23	28	25	81	6	5	0	1	3	8	8	5	5	5							
13	14	9971	35	31	24	31	25	81	5	01	1	3	8	8	4	4	6	6							
13	17	9982	35	30	24	27	25	80	6	09	3	5	8	4	4	6	6	6							
13	20	9933	35	30	24	27	25	80	6	09	3	5	8	4	4	6	6	6							
13	23	0013	26	24	19	27	31	16	8	86	8	8	8	3	2	2	2	2	35	25	0016	499	27	70	032
14	02	0046	27	24	17	25	30	16	8	26	8	8	8	3	2	2	2	2							
14	05	0091	28	25	17	24	31	64	8	02	2	8	8	8	8	6	6	6							
14	08	0123	28	25	18	24	30	80	8	02	2	8	8	5	5	5	5	5							
14	11	0142	29	26	19	23	26	81	7	26	8	7	5	5	5	5	5	5							
14	14	0158	30	26	18	24	20	80	7	02	2	7	5	5	5	5	5	5							
14	17	0168	30	27	20	31	12	81	8	02	2	8	5	5	5	5	5	5							
14	20	0158	31	29	26	31	06	80	8	02	2	8	5	5	5	5	5	5							
14	23	0129	32	29	26	32	17	64	8	02	2	8	5	5	5	5	5	5	32	25	0000	435	23	52	001
15	02	0095	33	30	25	33	22	40	8	02	2	8	7	4	2	2	2	2							
15	05	0049	33	32	30	33	25	24	8	70	7	8	6	3	3	3	3	3							
15	08	0009	34	33	32	31	23	08	8	68	7	8	6	3	3	3	3	3							
15	11	9989	36	35	28	30	26	24	8	70	7	7	5	5	5	5	5	5							
15	14	9981	36	35	28	31	24	24	8	70	7	7	7	4	4	4	4	4							
15	17	0016	36	32	25	29	23	16	8	22	2	7	6	7	4	4	4	4							
15	20	0062	35	32	28	27	20	24	8	22	2	7	6	6	4	4	4	4							
15	23	0097	34	31	25	24	36	24	8	09	3	8	8	5	5	5	5	5	37	32	0002	534	30	64	003
16	02	0127	34	32	28	24	30	24	8	09	3	8	8	5	5	5	5	5							
16	05	0153	34	32	28	29	15	40	8	51	5	8	5	4	4	4	4	4							
16	08	0159	33	32	30	27	12	40	8	61	7	8	6	3	3	3	3	3							
16	11	0147	33	32	28	29	23	40	8	68	7	8	5	3	3	3	3	3							
16	14	0100	33	32	30	31	32	30	8	68	7	8	5	4	4	4	4	4							
16	17	0078	36	35	30	30	08	8	8	62	6	6	7	5	5	5	5	5							
16	20	0050	37	35	31	30	08	8	8	61	6	6	7	5	5	5	5	5							
16	23	0019	37	37	36	29	26	08	8	61	6	6	7	5	5	5	5	5	39	33	0007	448	32	52	001
17	02	9986	36	35	33	29	26	16	8	61	6	6	7	3	2	2	2	2							
17	05	9970	36	34	31	27	40	40	8	21	6	7	7	3	2	2	2	2							
17	08	9977	36	33	31	30	30	40	7	85	8	7	8	3	2	2	2	2							
17	11	9985	36	32	27	28	25	40	8	05	8	8	8	4	4	4	4	4							
17	14	9993	35	33	31	28	19	40	7	09	3	7	8	4	4	4	4	4							
17	17	0010	34	31	23	27	21	64	8	15	8	8	8	5	5	5	5	5							
17	20	0037	35	30	26	27	30	80	6	09	3	6	8	4	4	4	4	4							
17	23	0048	35	31	28	27	26	80	7	26	3	7	8	4	4	4	4	4	38	30	0016	510	27	72	030
18	02	0066	33	29	21	28	22	80	8	02	8	8	8	4	4	4	4	4							
18	05	0037	33	30	29	29	15	08	8	71	7	7	8	6	3	3	3	3							
18	08	9960	32	30	31	11	02	8	8	73	7	7	8	6	1	1	1	1							
18	11	9938	35	33	28	23	08	8	8	69	7	7	7	3	3	3	3	3							
18	14	9952	33	27	29	30	24	40	8	05	5	7	7	3	3	3	3	3							
18	17	9995	34	30	27	23	30	40	8	05	2	2	2	2	2	2	2	2							
18	20	0015	33	34	32	23	12	16	8	70	7	8	6	3	3	3	3	3							
18	23	9985	33	32	31	34	07	16	8	71	7	7	8	6	2	2	2	2	37	30	0002	405	25	67	000

Table 39 contd.

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF AUGUST 1952

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE	HIGH	DIRECTION					SPEED				
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	vv	W	Oktas	CL	h.	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
19	02	98.96	32	32	32	07	03	04	8	73	7	8	6	1												
19	05	98.95	37	37	37	28	17	16	8	61	8	8	2													
19	08	98.94	36	36	36	29	17	16	8	61	8	8	2													
19	11	99.35	33	33	33	28	28	28	8	66	6	6	2													
19	14	00.15	32	32	32	28	28	28	8	66	6	6	2													
19	17	00.75	31	31	31	28	28	28	8	66	6	6	2													
19	20	01.12	29	29	29	28	28	28	8	66	6	6	2													
19	23	01.07	31	31	31	28	28	28	8	66	6	6	2													
20	02	00.87	31	31	31	28	05	14	8	03	3	7	7	7	7	7	7	7	7	38	29	0056	324	30	41	008
20	05	00.28	33	33	33	30	06	18	8	02	2	7	7	7	7	7	7	7	7							
20	08	99.77	32	32	32	32	07	20	8	07	2	7	7	7	7	7	7	7	7							
20	11	99.09	33	33	33	32	08	15	8	53	3	7	7	7	7	7	7	7	7							
20	14	98.54	33	33	33	33	31	31	8	61	7	7	7	7	7	7	7	7	7							
20	17	98.54	33	33	33	37	30	38	8	60	6	6	6	6	6	6	6	6	6							
20	20	98.27	33	33	33	32	29	25	8	02	2	8	8	8	8	8	8	8	8							
20	23	98.46	33	33	33	28	28	28	8	26	8	8	8	8	8	8	8	8	8							
21	02	98.63	33	33	33	30	21	81	4	01	1	4	5	4	0	0	0	0	0							
21	05	98.68	33	33	33	30	22	81	6	09	2	6	6	6	6	6	6	6	6							
21	08	98.82	33	33	33	27	30	16	8	85	8	4	6	4	0	0	0	0	0							
21	11	98.99	33	33	33	30	30	64	6	02	2	5	1	4	0	0	0	0	0							
21	14	98.99	33	33	33	24	24	30	8	02	2	5	1	4	0	0	0	0	0							
21	17	99.00	33	33	33	24	24	30	8	02	2	5	1	4	0	0	0	0	0							
21	20	99.24	33	33	33	22	22	35	8	03	3	7	7	7	7	7	7	7	7							
21	23	99.51	33	33	33	22	29	64	5	5	8	8	8	8	8	8	8	8	8							
22	02	99.42	31	29	25	30	16	80	5	26	8	5	8	4	0	0	6	9	9	36	29	0042	468	30	52	035
22	05	99.55	30	28	24	30	07	40	8	73	7	7	7	7	7	7	7	7	7							
22	08	99.57	31	30	28	24	00	40	8	71	7	7	7	7	7	7	7	7	7							
22	11	99.42	31	28	24	00	00	40	8	71	7	7	7	7	7	7	7	7	7							
22	14	98.83	31	28	24	09	12	08	8	66	6	6	6	6	6	6	6	6	6							
22	17	98.27	31	30	28	09	07	04	8	63	7	7	7	7	7	7	7	7	7							
22	20	97.66	30	29	27	12	09	04	8	66	6	6	6	6	6	6	6	6	6							
22	23	97.35	30	29	27	12	02	08	8	22	2	7	7	7	7	7	7	7	7							
23	02	97.73	30	29	27	23	26	08	8	37	3	8	6	5	5	5	5	5	5							
23	05	98.10	26	24	20	21	30	24	7	38	3	8	6	5	5	5	5	5	5							
23	08	98.45	23	21	17	23	30	40	7	38	3	8	6	5	5	5	5	5	5							
23	11	98.62	24	21	14	25	38	24	6	38	3	8	6	5	5	5	5	5	5							
23	14	98.99	22	17	12	22	36	12	7	38	3	8	6	5	5	5	5	5	5							
23	17	99.20	23	23	18	25	35	24	7	38	3	8	6	5	5	5	5	5	5							
23	20	99.49	24	23	19	22	21	40	8	35	3	8	6	5	5	5	5	5	5							
23	23	99.57	24	23	21	23	15	40	8	65	8	8	8	8	8	8	8	8	8							
24	02	99.57	24	21	12	27	10	64	5	26	8	6	8	5	5	5	5	5	5							
24	05	99.44	24	22	18	24	12	64	7	70	7	7	7	7	7	7	7	7	7							
24	08	99.51	23	21	18	20	11	40	8	70	7	7	7	7	7	7	7	7	7							
24	11	99.59	24	21	14	22	11	40	8	70	7	7	7	7	7	7	7	7	7							
24	14	99.58	24	21	14	22	11	40	8	70	7	7	7	7	7	7	7	7	7							
24	17	99.58	24	21	15	20	05	81	7	02	7	7	7	7	7	7	7	7	7							
24	20	98.68	25	22	15	24	09	81	8	02	2	2	6	6	6	6	6	6	6							
24	23	98.62	23	23	23	25	20	01	8	86	8	8	8	8	8	8	8	8	8							
25	02	99.58	25	23	18	28	20	40	2	09	8	2	1	3	0	0	6	9	9							
25	05	98.35	23	22	20	36	15	08	6	66	6	6	6	6	6	6	6	6	6							
25	08	98.34	25	25	18	24	17	80	6	66	6	6	6	6	6	6	6	6	6							
25	11	98.18	27	25	21	25	33	16	6	66	6	6	6	6	6	6	6	6	6							
25	14	98.49	25	22	16	24	46	08	7	86	8	8	8	8	8	8	8	8	8							
25	17	98.92	24	22	17	24	38	40	6	38	3	8	6	5	5	5	5	5	5							
25	20	99.25	22	22	19	24	26	16	5	38	3	8	6	5	5	5	5	5	5							
25	23	99.44	20	19	16	24	32	16	7	86	8	8	8	8	8	8	8	8	8							
26	02	99.56	19	18	15	23	38	08	6	86	8	6	2	4	0	0	6	9	9							
26	05	99.33	26	23	15	24	24	64	8	02	2	8	8	8	8	8	8	8	8							
26	08	99.33	29	23	23	25	28	16	8	86	8	8	8	8	8	8	8	8	8							
26	11	99.49	29	23	24	32	32	2	8	26	8	8	8	8	8	8	8	8	8							
26	14	99.71	31	20	20	24	33	64	8	02	8	8	8	8	8	8	8	8	8							
26	17	99.90	32	22	22	24	35	64	8	09	8	8	8	8	8	8	8	8	8							
26	20	00.15	33	21	21	25	35	40	8	02	2	2	2	2	2	2	2	2	2							
26	23	00.46	32	20	24	32	40	40	8	02	2	2	2	2	2	2	2	2	2							
27	02	00.72	31	29	25	24	30	40	8	02	2	8	5	4	4	4	4	4	4							
27	05	00.89	31	29	25	23	30	40	8	09	2	8	5	4	4	4	4	4	4							
27	08	01.12	33	27	27	23	28	64	8	09	2	8	5	4	4	4	4	4	4							
27	11	01.37	30	27	24	24	33	64	8	68	8	8	8	8	8	8	8	8	8							
27	14	01.48	31	25	23	24	33	64	8	02	2	8	5	4	4	4	4	4	4							
27	17	01.53	31	28	23	24	33	64	8	02	2	8	5	4	4	4	4	4	4							
27	20	01.58	30	28	24	24	33	64	8	20	2	8	5	4	4	4	4	4	4							

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
 FOR THE MONTH OF SEPTEMBER 1952

Table 39 contd.

DAY	HOUR	STATION 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		SUNSHINE	
		LST.	Mbs.				"F	"F					"F	DIRECTION	SPEED	OKtas	ww	W	OKtas					CL	h		CM
01	02	00	00	55	34	32	30	35	80	8	0	6	8	4	4	0	7										
01	05	00	00	55	31	25	30	35	81	8	0	6	8	4	4	0	7										
01	08	00	00	55	31	25	30	35	81	8	0	6	8	4	4	0	7										
01	11	00	00	55	31	25	30	35	81	8	0	6	8	4	4	0	7										
01	14	00	00	55	31	25	30	35	81	8	0	6	8	4	4	0	7										
01	17	00	00	55	31	25	30	35	81	8	0	6	8	4	4	0	7										
01	20	01	01	55	31	25	30	35	81	8	0	6	8	4	4	0	7										
01	23	01	01	55	31	25	30	35	81	8	0	6	8	4	4	0	7										
02	02	01	01	55	32	29	24	28	80	8	0	2	8	8	4	4											
02	05	01	01	55	32	29	24	28	80	8	0	2	8	8	4	4											
02	08	01	01	55	31	29	25	34	64	7	0	2	7	8	4	4											
02	11	01	01	55	32	30	28	09	64	8	8	0	2	8	4	4											
02	14	01	01	55	31	28	01	08	64	8	8	0	2	8	4	4											
02	17	00	00	55	31	30	04	14	01	8	8	7	8	6	1	1											
02	20	00	00	55	31	35	30	7	08	8	8	5	3	7	8	6	1										
02	23	00	00	55	36	37	30	0	08	8	8	5	1	8	6	2											
03	02	00	00	55	35	32	2	23	40	8	8	5	8	6	3	3											
03	05	00	00	55	35	31	2	28	16	8	8	5	8	6	7	3											
03	08	00	00	55	32	28	7	50	40	8	8	5	8	5	3	3											
03	11	00	00	55	30	24	7	80	8	7	8	8	7	8	5	3											
03	14	00	00	55	34	29	8	80	8	8	8	3	8	5	5	3											
03	17	00	00	55	31	18	7	80	8	8	8	6	8	4	4	8											
03	20	00	00	55	31	27	6	02	80	8	8	6	8	4	4	0											
03	23	00	00	55	31	27	6	84	8	8	8	7	8	4	4	0											
04	02	00	00	55	30	24	5	25	40	8	8	8	8	4	4												
04	05	00	00	55	32	29	7	85	40	8	8	8	7	8	4												
04	08	00	00	55	31	28	8	70	32	8	8	7	1	5	5												
04	11	00	00	55	29	26	3	64	40	8	8	6	8	4	4												
04	14	00	00	55	27	21	5	37	40	8	8	6	8	4	4												
04	17	00	00	55	25	14	5	30	81	8	8	4	2	2	2												
04	20	00	00	55	23	15	2	28	81	8	8	5	8	5	8												
04	23	00	00	55	26	17	2	29	81	7	0	3	2	4	8	5											
05	02	00	00	55	26	26	2	25	16	8	8	3	8	6	6	3											
05	05	00	00	55	26	24	2	32	40	8	8	3	8	6	6	3											
05	08	00	00	55	27	26	2	27	06	8	8	7	0	3	6	6											
05	11	00	00	55	25	24	2	27	01	8	8	7	0	7	6	6											
05	14	00	00	55	28	25	16	24	64	7	0	2	7	6	8	5											
05	17	00	00	55	29	26	17	25	17	7	0	2	7	4	4	4											
05	20	00	00	55	30	28	25	27	10	24	8	7	0	7	8	4											
05	23	00	00	55	30	29	27	04	24	8	8	7	1	7	6	6	3										
06	02	00	00	55	35	30	30	26	24	8	8	6	8	6	3	3											
06	05	00	00	55	34	30	22	08	8	8	6	1	6	8	7	3											
06	08	00	00	55	35	32	30	08	8	8	6	1	6	8	7	3											
06	11	00	00	55	35	32	30	08	8	8	6	6	6	8	7	3											
06	14	00	00	55	35	32	30	10	08	8	8	7	0	6	8	6	3										
06	17	00	00	55	35	32	30	12	40	8	8	2	1	6	8	7	3										
06	20	00	00	55	35	30	30	10	16	8	8	6	1	6	8	7	3										
06	23	00	00	55	35	32	27	09	08	8	8	6	1	6	8	6	2										
07	02	00	00	55	28	19	2	17	40	8	8	2	1	8	8	3											
07	05	00	00	55	25	17	2	31	80	7	0	3	2	6	8	4											
07	08	00	00	55	24	18	2	22	30	8	8	0	2	7	4	4											
07	11	00	00	55	28	23	2	21	80	7	0	2	6	8	7	4											
07	14	00	00	55	27	23	1	22	17	8	8	0	1	2	4	5											
07	17	00	00	55	26	17	2	21	12	8	1	5	0	1	2	5											
07	20	00	00	55	25	18	2	23	06	8	1	7	0	3	2	7											
07	23	00	00	55	25	16	0	01	09	8	8	0	2	2	7	5											
08	02	00	00	55	25	21	0	03	18	8	8	0	3	2	7	5											
08	05	00	00	55	27	20	0	06	17	8	8	0	2	2	8	5											
08	08	00	00	55	28	20	0	09	32	8	8	0	3	7	7	1											
08	11	00	00	55	29	20	0	09	30	8	8	0	7	1	7	8											
08	14	00	00	55	31	31	0	09	17	04	8	7	1	7	8	8											
08	17	00	00	55	31	30	0	05	04	04	8	7	1	7	8	8											
08	20	00	00	55	31	30	0	00	04	04	8	7	1	7	8	8											
08	23	00	00	55	30	29	0	05	04	04	8	7	1	7	8	8											
09	02	00	00	55	30	29	27	30	00	8	8	3	7	7	8	5											
09	05	00	00	55	28	24	27	29	00	8	8	7	3	7	8	6											
09	08	00	00	55	28	24	28	20	08	8	8	3	7	7	8	5											
09	11	00	00	55	31	29	28	10	40	7	0	2	2	7	5	4											
09	14	00	00	55	31	29	07	07	81	7	0	1	2	4	4	5											
09	17	00	00	55	30	28	22	17	82	6	6	0	1	1	8	5											
09	20	00	00	55	31	28	22	17	82	8	8	0	2	2	8	5											
09	23	00	00	55	30	27	22	07	16	8	8	0	2	2	7	5											

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF SEPTEMBER 1952

Table 39 contd.

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	FAST WEATHER	LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	*F	*F	*F	*10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	*F	*F	Points	Miles	*x10'	Kts.	Hours
10	02	99 9 54	27	25	21	24	25	08	8	86	8	8	8	3												
10	05	99 9 54	26	24	21	22	28	08	7	02	2	7	5													
10	08	00 0 18	27	24	19	24	22	81	8	02	2	7	5													
10	11	00 0 18	27	24	19	24	22	81	8	02	2	7	5													
10	14	99 9 59	28	25	21	29	12	81	8	02	2	8	5													
10	17	99 9 54	33	31	27	32	17	64	8	03	2	8	5													
10	20	99 9 56	31	31	31	04	15	08	8	73	7	8	6													
10	23	98 8 37	37	36	35	31	16	16	8	51	7	8	6							37	25	0016	373	30	40	000
11	02	98 8 22	36	34	31	27	19	48	8	03	5	8	8	3												
11	05	98 8 12	37	35	32	30	25	64	8	02	2	2	6													
11	08	98 8 08	36	35	33	30	26	64	8	02	2	2	6													
11	11	98 8 14	36	33	33	30	33	64	8	02	2	2	6													
11	14	98 8 38	36	32	29	31	32	81	7	01	1	6	7	0												
11	17	98 8 38	34	31	29	30	26	40	6	05	1	5	2	4												
11	20	98 8 73	34	31	29	30	21	40	8	22	7	8	4													
11	23	98 8 68	34	32	29	30	19	40	8	22	7	8	4													
12	02	98 8 62	34	33	31	30	17	64	6	01	2	6	5	0												
12	05	98 8 44	32	31	29	30	17	08	8	68	7	6	5	0												
12	08	98 8 35	30	29	27	27	15	80	6	22	7	6	6	0												
12	11	98 8 47	32	30	26	26	16	16	8	85	8	8	8	0												
12	14	98 8 66	33	31	27	27	20	80	7	26	8	7	8	0												
12	17	98 8 25	29	27	23	23	25	08	6	66	8	6	6	0												
12	20	98 8 22	31	30	29	28	22	40	6	66	8	6	2	4												
12	23	98 8 37	31	30	28	28	26	40	4	66	8	4	2	4												
13	02	99 9 49	31	30	28	31	28	40	7	66	8	7	8	4												
13	05	99 9 64	32	31	28	32	27	80	6	26	8	6	8	0												
13	08	99 9 75	33	30	25	32	21	81	3	01	1	3	8	0												
13	11	99 9 71	34	32	28	33	30	48	8	85	8	8	8	0												
13	14	99 9 55	34	32	28	30	25	64	6	05	2	4	8	0												
13	17	00 0 19	34	31	26	29	19	81	7	01	2	7	8	5	3											
13	20	00 0 36	32	31	30	30	20	16	8	73	3	8	5	3												
13	23	00 0 38	34	33	29	30	25	64	7	02	7	7	8	4												
14	02	00 0 35	35	33	29	32	20	64	8	02	2	8	5	4												
14	05	00 0 24	35	33	31	33	05	80	8	02	2	8	5	3												
14	08	99 9 87	34	33	30	30	06	80	8	02	2	7	8	6												
14	11	99 9 80	33	32	31	30	15	06	8	68	8	8	6	5												
14	14	98 8 35	34	33	30	30	17	08	8	68	7	8	6	5												
14	17	97 9 59	36	34	30	30	00	9	7	02	7	1	6	4												
14	20	98 8 29	33	32	31	31	10	80	8	02	2	8	6	4												
14	23	98 8 25	33	32	27	30	26	64	7	21	6	7	5	4												
15	02	98 8 23	34	32	29	30	20	64	7	02	2	7	5	4												
15	05	97 9 4	33	33	33	32	22	40	8	02	2	8	8	4												
15	08	97 7 73	31	30	28	29	26	16	6	86	8	6	8	3												
15	11	97 6 7	32	31	29	29	23	81	6	26	8	6	2	4												
15	14	98 8 03	32	28	26	27	25	16	7	86	8	7	2	4												
15	17	98 8 45	28	27	25	27	25	16	7	37	3	7	8	4												
15	20	98 8 91	32	28	26	29	22	40	3	36	3	3	5	4												
15	23	99 9 11	32	28	26	29	17	16	4	85	8	4	2	4												
16	02	99 9 08	29	28	26	21	05	40	6	03	8	6	5	3												
16	05	98 8 99	30	28	23	29	10	80	8	02	2	4	8	4												
16	08	99 9 06	29	27	23	28	10	81	6	02	8	5	8	5												
16	11	99 9 22	27	24	22	29	15	81	6	22	6	8	3	2												
16	14	99 9 51	30	27	23	28	23	80	6	85	8	8	6	2												
16	17	99 9 78	29	25	13	28	24	81	6	01	2	5	8	5												
16	20	00 0 06	29	26	17	27	13	81	8	02	2	8	8	5												
16	23	00 0 13	29	25	16	24	12	81	7	02	2	7	5	5												
17	02	00 0 18	27	26	24	22	08	81	6	22	7	6	8	4												
17	05	00 0 18	27	26	25	23	04	08	8	71	7	8	6	2												
17	08	00 0 02	33	33	24	23	06	08	8	73	7	8	6	2												
17	11	99 9 84	33	33	24	27	06	04	8	88	8	8	6	2												
17	14	99 9 57	33	33	24	27	06	08	8	71	7	8	6	2												
17	17	99 9 49	33	33	24	27	06	08	8	71	7	8	6	2												
17	20	99 9 55	33	33	24	27	06	08	6	6																

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
 FOR THE MONTH OF SEPTEMBER 1952

Table 39 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Okts	ww	W	Okts	CL	h	Cm	Ch	CL	Cm	Ch	"F	"F	Points	Miles	"x10	Kts.	Hours
19	02	01 167	33	31	27	27	12	16	8	61	7	8	5	3												
19	05	01 162	33	32	30	30	09	40	8	02	7	8	5	3												
19	08	01 158	33	31	27	29	12	40	8	70	7	8	5	3												
19	11	01 143	33	32	30	24	02	16	8	71	7	8	6	3												
19	14	01 266	33	32	30	00	00	16	8	71	7	8	6	3												
19	17	00 97	33	32	30	36	04	12	8	71	7	8	6	3												
19	20	00 68	33	33	31	34	15	16	8	71	7	8	6	3												
19	23	00 41	33	33	32	36	07	40	8	22	7	8	6	3												
20	02	00 04	34	33	31	33	10	40	8	02	5	8	6	3						34	33	0002	155	27	25	000
20	05	99 63	33	32	30	34	08	24	8	70	7	8	6	2												
20	08	99 30	33	32	30	35	11	24	8	70	7	8	6	2												
20	11	98 90	33	32	30	36	07	16	8	72	7	8	6	2												
20	14	98 49	33	32	30	32	00	00	8	72	7	8	6	2												
20	17	98 15	33	32	30	32	00	00	8	70	7	8	6	2												
20	20	97 52	33	32	31	07	02	08	8	70	7	8	6	2												
20	23	97 53	32	31	00	00	00	08	8	71	7	8	6	2												
21	02	97 27	32	32	32	23	10	08	8	71	7	8	6	1												
21	05	97 07	32	32	32	22	26	04	8	37	7	8	6	2												
21	08	97 20	31	30	28	22	30	02	8	37	5	8	6	2												
21	11	97 62	31	30	28	22	35	08	8	36	5	8	6	2												
21	14	98 14	29	27	23	23	30	08	8	36	3	8	7	8												
21	17	98 53	30	28	26	24	30	40	8	36	3	8	8	4												
21	20	98 96	30	28	26	24	30	40	8	36	3	8	8	4												
21	23	99 20	28	27	25	23	30	08	8	36	3	8	8	4						32	27	0000	605	20	47	000
22	02	99 51	27	25	21	24	25	40	8	55	8	8	8	4												
22	05	99 71	27	25	19	23	29	80	8	02	2	8	5	5												
22	08	99 96	27	26	24	20	26	64	8	70	2	8	5	5												
22	11	00 11	28	26	20	24	19	81	8	02	2	8	5	5												
22	14	00 07	31	29	25	27	05	81	8	01	2	6	5	5												
22	17	99 71	32	31	30	04	07	16	8	71	7	8	6	2												
22	20	98 93	35	34	34	18	24	24	8	51	7	8	6	2												
22	23	98 28	37	36	34	32	40	08	8	61	6	8	7	3												
23	02	98 30	36	35	31	29	24	32	8	50	5	8	7	3												
23	05	98 49	35	32	25	27	30	40	7	02	8	7	2	5												
23	08	98 82	33	30	24	28	30	40	6	15	8	5	2	2												
23	11	99 22	32	29	23	28	31	64	6	02	2	6	2	5												
23	14	99 33	34	30	22	27	35	64	7	02	2	7	2	5												
23	17	99 38	34	31	23	28	34	24	7	85	8	7	2	5												
23	20	99 55	32	30	26	28	35	24	7	85	8	7	2	4												
23	23	99 74	33	30	23	28	31	40	4	26	8	4	2	4												
24	02	99 77	33	30	24	28	31	40	5	02	2	5	2	4												
24	05	99 70	32	31	29	27	12	81	7	03	2	7	5	4												
24	08	99 51	34	33	30	17	81	7	7	02	2	7	5	4												
24	11	99 34	33	31	29	12	81	7	60	6	7	5	4	4												
24	14	99 11	32	31	30	20	80	8	60	6	8	6	4	4												
24	17	99 91	33	32	31	30	25	40	8	61	6	8	6	4												
24	20	99 90	33	32	30	27	16	16	8	61	6	8	6	3												
24	23	99 12	29	29	29	21	30	16	8	85	8	8	8	3												
25	02	99 35	29	28	27	22	30	40	8	85	8	8	4	4												
25	05	99 81	26	25	23	24	28	64	8	85	8	8	5	5												
25	08	00 05	29	28	25	27	81	8	02	2	8	8	5	5												
25	11	00 28	29	28	23	24	26	80	8	85	8	8	5	5												
25	14	00 29	31	29	25	16	64	7	26	8	5	8	5	5												
25	17	00 18	30	28	23	17	81	7	26	8	3	8	5	5												
25	20	99 98	31	29	24	30	17	64	8	70	8	4	5	4												
25	23	99 84	29	28	27	28	17	40	8	71	7	8	7	3												
26	02	99 78	31	29	25	29	18	80	8	26	8	6	8	4												
26	05	99 86	33	31	29	27	21	40	8	85	8	6	8	3												
26	08	00 36	33	31	29	24	33	80	6	26	8	6	8	5												
26	11	00 86	31	29	26	22	31	80	5	02	2	2	4	4												
26	14	01 26	32	29	23	26	81	5	02	2	2	7	4	5												
26	17	01 42	32	29	23	25	26	40	7	02	2	7	4	5												
26	20	01 42	33	31	27	27	18	32	8	70	7	8	5	5												
26	23	01 44	33	30	28	19	08	8	70	7	8	5	3													
27	02	01 49	34	32	28	23	30	40	8	02	7	8	5	4												
27	05	01 68	34	33	31	25	30	40	8	50	5	8	5	3												
27	08	01 90	34	32	29	23	22	40	8	02	2	8	5	4												
27	11	02 06	34	33	30	24	25	40	8	50	5	8	5	4												
27	14	02 13	34	33	30	24	22	40	8	02	2	8	5	3												
27	17	02 13	35	33	30	24	26	40	8	61	6	8	6	3												
27	20	02 18	32	31	29	25	25	16	8	70	7	8	6	3												
27	23	02 17	32	31	29	25	25	16	8	70	7	8	6	3												
27	23	02 17	32	31	29	25	25	16	8	70	7	8	6	3												

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF SEPTEMBER 1952

Table 39 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE	HIGH	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Okas	ww	W	Okas	CL	h	Cm	Ch	CL	CH	"F	"F	Points	Miles	*x10	Kts.	Hours	
28	02	02 07	32	31	29	26	17	16	8	61	7	8	6	3												
28	05	01 84	32	31	30	24	16	08	8	71	7	8	6	3												
28	08	01 59	32	32	31	26	09	80	8	02	7	8	5	3												
28	11	01 10	36	35	33	31	19	64	8	02	2	2	7	4		1	1									
28	14	00 16	37	37	35	33	25	16	8	63	6	6	7	2												
28	17	99 44	39	38	37	32	38	16	8	63	6	6	7	3		1	2									
28	20	99 20	39	38	37	31	29	16	8	63	6	6	7	7												
28	23	99 20	35	35	34	26	16	06	8	55	5	8	6	2					41	31	0001	445	31	75	000	
29	02	99 24	33	33	32	24	16	16	8	50	5	7	7	2		1										
29	05	99 47	32	31	31	24	08	24	8	50	5	8	6	3												
29	08	99 67	31	31	29	19	10	24	8	58	7	7	6	3												
29	11	99 99	31	30	30	22	23	24	8	70	7	8	6	7		2										
29	14	00 36	32	30	27	22	20	64	6	02	7	6	6	4		0	0									
29	17	00 63	30	29	27	22	16	80	6	02	1	4	4	4		0	0									
29	20	00 82	29	27	23	03	09	81	4	01	1	4	6	7												
29	23	00 79	30	28	22	00	00	80	8	02	1	8	6	5					35	29	0073	380	25	34	032	
30	02	00 48	31	30	28	36	08	64	8	02	2	8	6	4												
30	05	00 19	32	32	31	01	09	16	8	68	7	8	6	3												
30	08	99 86	32	32	32	05	07	16	8	51	5	8	6	3												
30	11	99 44	33	32	31	01	15	40	8	51	5	8	6	3												
30	14	99 86	33	33	33	06	07	16	8	61	7	8	6	3												
30	17	99 22	34	34	34	06	02	16	8	61	6	8	6	3												
30	20	99 31	33	34	34	27	22	08	8	61	6	8	6	3												
30	23	99 31	34	33	31	28	15	40	8	60	6	8	6	3					37	31	0000	179	26	38	000	

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF OCTOBER 1952

Table 39 contd.

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	FAST WEATHER	LOW CLOUD			MIDDLE CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE	
						DIRECTION	SPEED					AMOUNT	HEIGHT	LOW		MIDDLE	HIGH	DIRECTION					SPEED	Hours		
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	WV	Okts	ww	W	Okts	CL	h	Cm	Ch	CL	Cm	Ch	"F	"F	Points	Miles	*x10	Kts.	Hours
10	02	00 00	27	25	18	2	26	40	8	02	2	8	5	4												
10	05	00 00	28	26	19	2	26	40	8	02	2	8	5	4												
10	08	00 00	28	26	19	2	26	40	8	02	2	8	5	4												
10	11	00 00	29	27	20	2	26	40	8	02	2	8	5	4												
10	14	00 00	29	27	20	2	26	40	8	02	2	8	5	4												
10	17	00 00	29	27	20	2	26	40	8	02	2	8	5	4												
10	20	00 00	29	27	20	2	26	40	8	02	2	8	5	4												
10	23	00 00	29	27	20	2	26	40	8	02	2	8	5	4						40	27	0000	361	31	63	000
11	02	97 80	37	35	32	3	30	32	8	20	5	8	7	5												
11	05	98 15	35	33	30	3	30	32	8	20	5	8	7	5												
11	08	98 41	35	33	30	3	30	32	8	20	5	8	7	5												
11	11	99 08	35	33	30	3	30	32	8	20	5	8	7	5												
11	14	99 28	35	33	30	3	30	32	8	20	5	8	7	5												
11	17	00 27	35	33	30	3	30	32	8	20	5	8	7	5												
11	20	00 57	35	33	30	3	30	32	8	20	5	8	7	5												
11	23	00 78	34	31	26	3	26	19	40	5	02	2	3	5	6	0	0	0	0	38	34	0045	611	28	90	000
12	02	00 76	34	32	28	3	30	32	8	02	2	3	5	6	0	0	0	0								
12	05	00 74	35	32	30	3	30	32	8	02	2	3	5	6	0	0	0	0								
12	08	00 74	34	32	28	3	30	32	8	02	2	3	5	6	0	0	0	0								
12	11	99 61	34	32	28	3	30	32	8	02	2	3	5	6	0	0	0	0								
12	14	99 10	41	40	40	3	30	32	8	02	2	3	5	6	0	0	0	0								
12	17	98 77	42	42	42	3	30	32	8	02	2	3	5	6	0	0	0	0								
12	20	98 56	40	40	40	3	30	32	8	02	2	3	5	6	0	0	0	0								
12	23	98 37	39	38	38	3	30	32	8	02	2	3	5	6	0	0	0	0		44	33	0000	297	33	57	000
13	02	98 17	38	38	38	3	30	40	8	02	2	3	5	6	0	0	0	0								
13	05	97 52	36	32	24	3	38	64	7	02	5	6	7	4	1	1	1	8								
13	08	98 05	35	32	24	3	42	48	3	05	1	2	5	4	1	1	1	8								
13	11	98 21	34	31	24	3	33	64	6	26	8	5	8	4	1	1	1	8								
13	14	98 53	35	31	27	3	33	81	6	05	2	5	8	4	1	1	1	8								
13	17	98 77	31	28	22	3	28	81	7	26	8	7	8	5	6	6	6	6								
13	20	99 03	32	30	27	3	31	24	8	65	8	8	2	4	6	6	6	6								
13	23	99 37	32	31	29	3	24	48	8	70	7	8	8	4	6	6	6	6		38	28	0104	634	32	75	060
14	02	99 52	34	32	29	3	30	81	7	02	8	7	8	4	6	6	6	6								
14	05	99 67	35	33	29	3	31	40	8	02	2	2	8	4	6	6	6	6								
14	08	99 75	35	33	27	3	31	20	8	02	2	2	8	4	6	6	6	6								
14	11	99 62	35	33	27	3	31	17	8	02	2	2	8	4	6	6	6	6								
14	14	99 55	34	33	27	3	31	17	8	02	2	2	8	4	6	6	6	6								
14	17	99 05	34	33	27	3	31	18	8	02	2	2	8	4	6	6	6	6								
14	20	98 99	34	32	27	3	31	15	6	02	7	6	8	4	6	6	6	6								
14	23	98 77	34	32	28	3	32	21	6	02	8	6	8	4	6	6	6	6		36	33	0001	483	32	61	000
15	02	98 87	33	31	27	3	31	20	8	2	26	8	2	8	4	6	6	6								
15	05	99 03	29	26	19	3	32	25	7	09	3	7	8	4	6	6	6	6								
15	08	99 21	25	23	18	2	29	30	7	86	8	7	8	4	6	6	6	6								
15	11	99 30	29	25	15	2	29	25	6	02	2	5	8	5	6	6	6	6								
15	14	99 27	30	26	17	3	31	12	7	16	2	6	8	4	6	6	6	6								
15	17	98 95	31	29	25	3	34	15	8	03	8	5	4	5	5	5	5	5								
15	20	98 46	31	30	28	3	32	25	8	01	2	5	5	5	3	0	0	0								
15	23	98 28	26	24	19	3	30	04	8	86	8	8	2	4	6	6	6	6		34	25	0000	458	30	57	045
16	02	98 25	28	25	18	3	25	08	8	86	8	8	2	4	6	6	6	6								
16	05	98 34	25	25	25	2	25	01	9	39	7	9	2	4	6	6	6	6								
16	08	99 24	24	22	16	2	25	30	8	31	3	8	8	4	5	5	5	5								
16	11	99 89	22	22	21	2	24	35	8	73	7	8	3	4	5	5	5	5								
16	14	00 37	26	24	20	2	23	35	7	26	8	7	2	4	5	5	5	5								
16	17	00 73	25	23	17	2	23	20	8	85	8	8	8	4	5	5	5	5								
16	20	00 99	27	23	12	2	25	25	8	02	8	8	8	5	5	5	5	5								
16	23	00 99	28	26	23	2	29	17	8	02	2	8	8	4	9	9	9	9		29	21	0000	651	31	48	012
17	02	00 89	29	27	24	2	29	17	8	71	8	8	8	4	9	9	9	9								
17	05	00 42	31	31	30	0	00	08	8	71	7	8	6	3	9	9	9	9								
17	08	00 19	34	34	33	2	28	12	8	66	7	8	6	2	9	9	9	9								
17	11	00 25	35	35	35	2	28	23	8	61	7	8	6	1	9	9	9	9								
17	14	00 44	35	35	35	2	25	04	8	60	6	8	6	1	6	6	6	6								
17	17	00 59	35	34	33	2	25	24	8	50	6	8	7	3	6	6	6	6								
17	20	00 73	33	33	33	2	23	08	8	61	6	8	6	3	6	6	6	6								
17	23	00 75	32	32	32	2	25	08	7	68	7	7	7	2	6	6	6	6		36	28	0003	373	29	44	000
18	02	00 69	32	32	31	2	25	24	8	68	7	7	7	2	6	6	6	6								
18	05	00 37	34	34	33	2	27	40	8	60	6	6	6	3	6	6	6	6								
18	08	00 20	35	34	34	2	27	16	8	60	6	6	6	2	6	6	6	6								
18	11	00 07	35	34	30	1	17	16	8	61	6	8	6	3	6	6	6	6								
18	14	00 17	35	34	31	1	20	40	8	60	6	8	6	4	7	7	7	7								
18	17	00 59	35	33	30	2	26	40	8	60	6	8	6	4	6	6	6	6								
18	20	00 55	33	33	29	2	26	40	8	21	6	8	6	4	6	6	6	6								
18	23	00 70	34	33	31	2	26	22	8	02	2	8	6	3	6	6	6	6		36	31	0028	413	28	53	000

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF NOVEMBER 1952

Table 39 contd.

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAUSE WEATHER	LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED	Hours
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	Cl.	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	"x10	Kts.	Hours	
01	02	998650	34	33	33	29	23	81	7	02	2	4	8	4	3												
01	05	998663	33	33	33	27	16	81	7	02	2	5	8	4	3												
01	08	998676	34	33	33	27	15	82	7	02	2	5	8	4	3												
01	11	998696	34	33	33	27	17	82	7	02	2	4	8	4	3												
01	14	998708	34	33	33	27	17	80	7	02	2	5	8	4	3												
01	17	998727	32	33	33	27	17	64	6	15	8	5	8	4	3												
01	20	998744	32	33	33	27	17	40	6	85	8	6	8	4	3												
01	23	998666	31	33	33	27	18	24	8	85	8	8	8	4	3												
02	02	99999	31	30	27	27	19	24	7	85	8	7	2	4	4						36	29	0018	374	27	51	066
02	05	00222	32	31	27	27	25	80	7	02	2	7	2	4	4												
02	08	00477	32	31	27	25	25	81	8	02	2	7	2	4	4												
02	11	00733	33	30	27	22	22	81	8	02	2	7	2	4	4												
02	14	00903	34	30	27	20	15	81	7	02	2	7	2	4	4												
02	17	00903	34	31	27	28	05	81	8	02	2	6	6	5	5												
02	20	00753	33	32	30	34	07	81	8	02	2	8	5	4	4												
02	23	00229	34	33	33	01	15	80	8	50	5	8	5	4	9						34	27	0000	355	28	54	000
03	02	99866	33	33	33	01	17	08	8	68	7	8	6	3	8												
03	05	99895	36	36	35	33	16	16	8	61	6	7	7	3	2												
03	08	99863	39	35	35	27	27	81	8	20	5	8	5	6	4												
03	11	99865	37	35	35	29	20	64	7	05	8	7	8	4	0												
03	14	99846	37	35	35	30	17	64	6	05	2	5	8	4	0												
03	17	99837	36	34	34	33	28	25	81	5	26	8	4	2	4	0											
03	20	99824	34	33	33	28	20	81	8	02	2	8	8	4	0												
03	23	99819	34	33	33	28	30	08	8	73	8	8	3	3	6						39	33	0025	405	31	56	041
04	02	99829	35	32	27	29	30	48	8	02	8	8	8	4	1												
04	05	99863	34	32	27	27	20	80	8	02	2	6	8	5	1												
04	08	99887	35	33	25	27	21	80	7	02	7	6	8	5	1												
04	11	99904	35	32	28	27	20	16	8	70	7	8	8	4	0												
04	14	99924	36	33	28	27	20	80	7	02	2	4	1	5	0												
04	17	99942	35	33	29	27	23	64	7	09	2	7	2	4	1												
04	20	99978	34	33	27	27	22	64	7	09	8	6	8	5	1												
04	23	00003	34	32	27	27	21	40	7	85	8	7	8	4	6						37	32	0000	477	29	54	012
05	02	0015	34	31	27	27	18	64	7	85	8	7	8	4	6												
05	05	0002	34	32	26	31	05	80	8	02	2	8	5	4	7												
05	08	99960	33	32	30	35	12	16	8	68	7	8	7	3	3												
05	11	99999	33	32	31	35	15	08	8	69	7	8	7	3	3												
05	14	99842	36	35	33	29	23	81	4	22	7	3	2	4	4												
05	17	99815	35	35	29	29	12	40	8	60	6	8	7	4	3												
05	20	99803	34	32	29	30	26	16	8	71	7	8	7	3	7												
05	23	99801	33	32	29	29	25	16	8	61	7	8	7	3	7						37	31	0001	396	29	55	015
06	02	99809	33	32	31	27	20	16	8	71	7	8	7	3	3												
06	05	99812	32	32	31	26	22	16	8	71	7	7	7	3	2												
06	08	99809	32	32	32	27	22	04	8	73	7	7	7	3	2												
06	11	9795	32	30	25	26	23	81	8	02	7	5	5	5	1												
06	14	9772	34	32	27	26	09	81	8	01	2	3	5	4	3												
06	17	9750	31	31	31	00	00	16	8	71	7	8	6	3	6												
06	20	9747	31	30	28	21	09	64	5	22	7	3	5	6	3												
06	23	9772	31	30	27	22	10	82	7	01	2	2	5	5	3						34	30	0007	324	27	55	003
07	02	9775	30	30	30	21	10	02	9	75	7	9															
07	05	9782	30	30	30	23	05	01	9	73	7																
07	08	9788	32	32	31	27	19	04	8	68	7	8	6	3	9												
07	11	9819	31	31	29	23	16	04	8	71	7	8	6	3	7												
07	14	9837	31	30	28	23	19	32	8	22	7	7	4	3	7												
07	17	9853	31	29	24	23	16	40	8	02	7	7	4	4	7												
07	20	9841	30	28	27	25	30	08	7	36	7	7	5	3	7												
07	23	9843	31	28	20	27	20	24	7	36	8	7	8	5	9						33	29	0003	335	27	53	004
08	02	9827	30	28	25	27	20	24	7	85	8	7	8	4	9												
08	05	9823	29	26	20	27	18	81	6	26	8	5	8	4	0												
08	08	9841	30	27	21	26	16	81	7	02	2	7	8	5	0												
08	11	9859	31	26	23	23	20	81	6	02	2	6	8	5	0												
08	14	9875	32	28	19	25	12	82	4	01	1	4	1	5	0												
08	17	9878	31	28	22	23	17	82	7	26	8	5	2	5	0												
08	20	9997	29	26	26	24	09	82	7	03	2	6	8	4	0												
08	23	9912	29	28	21	27	18	82	4	26	8	4	8	4	0												
09	02	9927	28	27	24	25	12	82	5	26	8	5	8	4	0												
09	05	9948	28	26	22	25	19	81	7	02	8	7	8	5	3												
09	08	9965	30	27	22	22	17	81	7	26	8	7	8	5	3												
09	11	9994	33	29	22	25	17	81	7	02	8	7	8	5	3												
09	14	0020	34	31	22	27	20	80	6	02	2	5	2	5	3												
09	17	0044	34	31	22	25	27	20	8	36	3	8	8	5	3												
09	20	0072	34	32	29	24	28	48	6	6	3	5	8	4	7												
09	23	0088	34	33	30	24	26	48	8	02	8	8	8	3	5						35	27	0000	453	23	51	035

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF NOVEMBER 1952

Table 39 contd.

DAY	HOUR	STATION ELEVATION 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		SHINSHINE		
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE					HIGH	DIRECTION		SPEED	Hours
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	*x10	Kts.	Hours
10	02	01 10	34	34	28	27	27	8	8	70	7	8	8	3												
10	05	01 26	33	34	30	27	27	8	8	85	8	8	8	3												
10	08	01 41	34	34	28	27	27	8	8	85	8	8	8	3												
10	11	01 46	34	34	28	27	27	8	8	85	8	8	8	3												
10	14	01 46	34	34	28	27	27	8	8	85	8	8	8	3												
10	17	01 45	34	34	28	27	27	8	8	85	8	8	8	3												
10	20	01 44	34	34	28	27	27	8	8	85	8	8	8	3												
10	23	01 37	35	35	29	29	29	8	8	51	5	5	5							37	33	0000	392	27	54	000
11	02	01 13	35	35	35	36	02	40	8	61	6	8	6	3												
11	05	00 67	36	36	35	10	10	8	8	61	6	8	6	3												
11	08	00 08	37	37	35	10	10	8	8	61	6	8	6	3												
11	11	99 61	38	38	36	10	10	8	8	61	6	8	6	3												
11	14	99 39	39	39	36	10	10	8	8	61	6	8	6	3												
11	17	99 21	41	41	36	10	10	8	8	63	6	8	6	3												
11	20	99 25	37	37	35	10	10	8	8	63	6	8	6	3												
11	23	99 47	32	32	28	20	24	8	8	71	7	8	7	2												
12	02	99 68	31	31	28	20	21	8	8	02	2	6	5	4												
12	05	99 67	31	31	28	19	19	8	8	02	2	6	5	4												
12	08	99 72	32	32	28	09	09	8	8	02	2	5	5	5												
12	11	99 89	35	35	30	12	16	8	8	02	2	5	5	5												
12	14	00 09	34	34	28	15	16	8	8	02	2	5	5	5												
12	17	00 35	34	34	28	17	20	8	8	02	2	5	5	5												
12	20	00 56	34	34	28	17	20	8	8	02	2	5	5	5												
12	23	00 73	34	34	27	10	10	8	8	02	2	5	5	5												
13	02	00 89	34	34	32	28	11	8	8	02	2	6	6	3												
13	05	00 78	34	34	29	09	16	8	8	61	6	8	7	3												
13	08	00 69	34	34	31	12	32	8	8	68	7	8	6	3												
13	11	00 65	35	35	33	18	40	8	8	61	7	8	6	3												
13	14	00 58	37	37	37	28	12	8	8	60	6	8	6	3												
13	17	00 48	36	35	34	05	16	8	8	61	6	8	6	3												
13	20	00 41	35	34	32	09	12	8	8	61	6	8	6	3												
13	23	00 39	35	35	35	05	16	8	8	60	6	8	7	3												
14	02	00 40	34	31	25	12	16	8	8	61	6	8	7	3												
14	05	00 42	34	32	28	14	14	8	8	02	2	8	8	3												
14	08	00 44	33	32	29	12	18	8	8	26	8	8	8	4												
14	11	00 47	35	35	29	15	18	8	8	03	1	8	8	5												
14	14	00 46	35	35	27	15	18	8	8	03	1	8	8	4												
14	17	00 42	35	35	29	17	18	8	8	02	2	8	8	4												
14	20	00 42	35	31	26	17	18	8	8	02	2	8	8	4												
14	23	00 46	32	30	26	17	18	8	8	02	2	8	8	4												
15	02	00 39	31	30	28	24	19	8	8	02	2	8	5	4												
15	05	00 35	31	31	21	21	16	8	8	70	7	8	5	3												
15	08	00 35	32	31	23	16	08	8	8	68	7	8	5	3												
15	11	00 31	31	29	24	16	08	8	8	02	7	8	5	3												
15	14	00 18	35	32	30	15	08	8	8	02	7	8	5	3												
15	17	00 12	35	32	30	15	08	8	8	02	7	8	5	3												
15	20	00 16	35	31	27	15	08	8	8	36	7	8	5	3												
15	23	00 18	35	31	28	15	08	8	8	36	7	8	5	4												
16	02	00 14	35	31	28	23	26	8	8	02	7	8	5	4												
16	05	00 21	35	31	29	22	40	8	8	85	8	8	8	4												
16	08	00 15	35	32	29	22	40	8	8	85	8	8	8	4												
16	11	00 08	35	32	28	24	27	8	8	68	6	8	7	5												
16	14	99 94	35	35	28	22	17	8	8	50	6	8	8	5												
16	17	99 84	35	35	22	12	08	8	8	71	7	8	6	3												
16	20	99 65	34	34	26	09	16	8	8	61	6	8	6	2												
16	23	99 44	34	34	00	16	16	8	8	61	6	8	6	2												
17	02	99 05	32	32	32	36	03	16	8	71	7	8	6	3												
17	05	98 70	33	33	33	36	04	08	8	71	7	8	6	2												
17	08	98 24	32	32	32	22	14	04	8	73	7	8	6	2												
17	11	98 17	30	30	30	22	30	01	9	39	7	9	7	2												
17	14	98 24	33	31	27	24	21	11	7	02	2	7	8	4												
17	17	98 37	33	32	29	24	19	16	7	85	2	8	8	4												
17	20	98 64	30	30	27	25	20	14	8	85	2	8	8	4												
17	23	98 85	32	32	26	28	17	11	6	02	8	6	8	4												
18	02	98 89	32	30	26	29	20	8	8	80	8	8	8	4												
18	05	99 00	33	33	27	29	12	08	8	26	8	8	7	4												
18	08	99 02	34	32	28	30	12	08	8	70	7	8	5	4												
18	11	98 94	35	32	30	30	14	16	8	25	7	8	5	4												
18	14	98 89	37	33	29	15	10	32	8	22	7	8	7	4												
18	17	98 87	36	33	31	10	10	32	8	50	5	8	7	4												
18	20	98 71	36	33	32	00	00	16	8	02	5	8	6	3												
18	23	98 45	35	35	24	05	14	16	8	02	5	8	6	2												

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF NOVEMBER 1952

Table 39 contd.

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		SUNSHINE
		LST.	Mbs.				*x10	Kts.					AMOUNT	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH	
N	02	99	93	54	55	51	24	44	24	8	0	0	0	4	1									
N	05	00	37	54	52	30	23	16	16	8	0	0	0	4										
N	08	00	85	54	55	29	24	40	40	8	0	0	0	4	4									
N	11	01	110	54	55	31	23	40	40	8	0	0	0	4										
N	14	01	134	54	54	32	24	40	40	8	0	0	0	4										
N	17	01	151	54	54	34	23	40	40	8	0	0	0	4										
N	20	01	169	54	54	34	24	40	40	8	0	0	0	4										
N	23	01	175	54	54	34	24	80	80	8	0	0	0	5	3			35	32	0000	663	23	71	000
N	02	01	176	54	54	34	22	17	80	8	0	0	0	5	4									
N	05	01	183	54	55	32	23	14	81	8	0	0	0	5	4									
N	08	01	180	54	55	30	24	08	24	8	0	0	0	5	4									
N	11	01	167	54	54	30	33	09	80	8	0	0	0	5	4									
N	14	01	152	54	55	31	36	10	81	8	0	0	0	5	4									
N	17	01	120	54	54	32	05	13	64	8	0	0	0	5	3									
N	20	00	83	54	55	32	06	16	16	8	0	0	0	5	2									
N	23	00	48	54	57	35	06	14	12	8	0	0	0	7	2			38	33	0000	292	23	35	004
N	02	00	03	55	58	38	08	07	16	8	6	6	6	6	2									
N	05	99	78	55	58	38	04	05	16	8	6	6	6	6	2									
N	08	99	63	55	57	36	08	08	08	8	6	6	6	6	2									
N	11	99	71	55	57	34	08	08	08	8	6	6	6	6	2									
N	14	99	91	55	57	33	08	08	08	8	6	6	6	6	2									
N	17	99	98	55	57	33	08	08	08	8	6	6	6	6	2									
N	20	99	95	55	56	35	29	15	16	8	0	0	0	4	5									
N	23	99	96	55	57	35	28	18	40	8	0	0	0	7	3			40	34	0091	324	28	44	002

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF DECEMBER 1952

Table 39 contd.

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	FEEL WEATHER	LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		"x10	Kts.
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
01	02	00 11	36	36	35	27	16	64	8	02	8	8	8	3												
01	05	00 35	36	35	35	23	25	80	8	02	8	8	8													
01	08	00 56	37	35	35	27	15	80	8	02	8	8	8													
01	11	00 59	38	35	35	30	07	82	8	02	8	8	8	3	3	0										
01	14	00 45	38	35	35	03	05	81	8	02	8	8	8	7	7											
01	17	00 15	38	35	35	33	09	16	8	58	6	6	6	4	4											
01	20	00 28	38	35	35	27	15	16	8	51	5	5	5	4	4											
01	23	00 46	36	35	35	26	17	40	8	02	5	5	5	4	4					39	35	0000	308	23	45	003
02	02	00 53	35	34	34	27	10	40	8	02	2	2	2	4	4											
02	05	00 53	34	34	34	24	12	81	7	02	2	2	2	3	3											
02	08	00 57	36	35	35	29	12	81	7	03	2	2	2	3	3											
02	11	00 73	37	35	35	27	17	81	6	02	2	2	2	0	0	8										
02	14	00 99	37	35	35	31	27	17	81	7	07	1	1	7	7											
02	17	01 23	36	35	35	30	28	14	81	7	03	1	1	7	7											
02	20	01 43	35	35	35	28	14	81	5	01	2	2	3	3	9											
02	23	01 58	35	35	35	29	10	81	7	03	1	1	7	7	6											
03	02	01 56	34	33	33	29	08	82	5	02	2	2	5	5	8											
03	05	01 50	35	35	35	31	30	07	80	02	2	2	7	7	4	4	0									
03	08	01 31	35	35	35	32	05	19	80	02	2	2	6	6	5	5	7									
03	11	00 86	39	35	35	34	05	10	80	02	2	2	6	6	5	5	3									
03	14	00 39	38	35	35	34	05	10	80	02	2	2	6	6	5	5	4									
03	17	00 31	37	35	35	33	00	00	80	02	2	2	6	6	5	5	1									
03	20	00 69	36	35	35	27	12	40	8	03	2	2	7	7	4	4										
03	23	00 79	36	35	35	29	19	40	8	09	2	2	8	8	4	4										
04	02	00 67	35	35	35	28	29	22	64	85	8	5	8	4	7	0										
04	05	00 68	35	35	35	29	31	22	81	8	5	8	4	7	0											
04	08	00 66	35	35	35	23	15	81	8	02	2	2	5	5	3	3										
04	11	00 57	36	35	35	30	29	12	80	8	5	8	4	7	7											
04	14	00 35	35	35	35	35	33	12	40	8	6	6	6	6	6											
04	17	00 97	34	34	34	34	07	08	8	68	7	8	7	7	2											
04	20	00 49	34	34	34	34	32	10	08	8	6	6	6	7	7											
04	23	00 15	37	36	35	35	33	12	08	8	6	6	8	7	2											
05	02	00 94	38	37	36	31	18	08	8	61	6	6	8	7	3											
05	05	00 95	40	35	35	18	28	10	81	7	02	2	0	0	9											
05	08	00 80	38	36	35	33	29	20	81	7	02	2	7	7	4											
05	11	00 80	39	37	37	34	30	10	81	8	02	2	8	8	4											
05	14	00 95	38	37	37	34	32	10	80	8	02	2	8	8	4											
05	17	00 74	38	36	35	32	31	17	81	8	02	2	7	7	5											
05	20	00 67	37	35	35	32	30	15	64	8	03	2	7	5	4											
05	23	00 62	36	35	35	31	22	24	8	61	6	6	8	4												
06	02	00 61	36	35	35	28	30	28	80	7	25	8	7	8	4											
06	05	00 68	35	35	35	31	29	17	16	8	8	3	8	4												
06	08	00 79	37	34	34	30	29	22	80	8	02	2	8	8	4											
06	11	00 32	38	34	34	29	27	17	81	7	26	8	8	8	5											
06	14	00 73	37	34	34	29	27	23	81	7	02	2	7	8	5											
06	17	00 01	36	34	34	29	27	22	81	6	09	2	4	2	4											
06	20	00 40	35	35	35	29	27	19	80	7	02	2	3	5	4											
06	23	00 71	35	35	35	31	27	19	64	8	02	2	3	5	4											
07	02	00 06	34	32	32	27	27	17	64	7	02	2	4	8	4											
07	05	00 19	33	32	30	26	12	81	8	02	2	2	8	8	4											
07	08	00 26	36	34	30	27	12	81	7	02	2	2	6	8	4											
07	11	00 34	38	35	28	30	05	81	8	02	2	5	5	3	3											
07	14	00 26	39	35	33	34	05	81	7	02	2	4	5	5	3											
07	17	00 13	37	35	32	36	02	81	8	02	2	3	5	4	3											
07	20	00 07	36	35	33	06	10	80	8	60	6	6	6	6	4											
07	23	00 80	35	35	35	06	15	16	8	63	6	6	7	3												
08	02	00 48	35	35	35	02	12	16	8	63	6	6	8	7	3											
08	05	00 96	39	39	39	06	08	16	8	61	6	6	6	2	2											
08	08	00 35	40	40	40	06	10	24	8	61	6	6	6	2	2											
08	11	00 25	40	40	40	07	26	08	8	63	6	6	6	2	2											
08	14	00 56	40	39	39	31	13	48	8	20	5	5	7	3												
08	17	00 19	36	35	32	32	27	40	8	50	5	7	7	3												
08	20	00 51	35	34	32	28	29	40	8	77	7	7	7	4												
08	23	00 32	35	31	31	31	31	00	8	75	7	9														
09	02	00 30	31	30	29	28	35	06	8	73	7	8	7	2												
09	05	00 26	31	31	30	25	50	00	9	37	7	9	9													
09	08	00 33	32	31	29	23	50	08	8	36	7	8	7	2												
09	11	00 15	32	29	25	23	45	32	8	02	7	8	8	5												
09	14	00 41	34	31	26	23	45	64	7	01	2	7	8	5												
09	17	00 41	34	31	27	23	55	64	7	09	2	7	8	5												
09	20	01 00	34	31	27	23	51	64	7	26	6	8	7	8	5											
09	23	01 20	34	30	24	23	51	81	8	01	2	4	5	0												

RESULTS OF SURFACE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF DECEMBER 1952

Table 39 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		Points	Miles
	LST.	Mbs.	*F	*F	*F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	*F	*F	Points	Miles	*x10	Kts.	Hours
28	02	96.63	37	37	37	35	16	08	8	61	6	8	6	2												
28	05	96.09	36	35	35	25	07	16	8	02	2	8	7	1												
28	08	96.97	32	31	29	23	48	04	8	68	7	8	7	2												
28	11	96.10	35	35	35	29	57	16	8	18	6	8	8	4												
28	14	96.99	36	34	30	23	40	32	8	09	3	8	8	4												
28	17	99.43	36	34	30	23	33	40	8	09	3	7	8	4												
28	20	99.63	36	35	34	24	30	80	7	02	2	6	8	4												
28	23	00.07	36	35	34	27	17	80	7	02	2	6	8	4												
29	02	00.29	36	35	32	27	17	80	8	02	2	8	8	4												
29	05	00.40	37	36	35	27	11	81	8	02	2	8	5	3												
29	08	00.54	37	37	37	26	11	80	8	02	2	7	5	3												
29	11	00.73	38	37	36	27	12	80	8	02	2	8	5	3												
29	14	00.95	38	38	38	23	12	81	7	02	2	6	5	3												
29	17	00.99	38	38	38	24	05	81	5	05	2	3	5	3												
29	20	01.06	38	37	35	28	03	82	3	01	0	1	5	3												
29	23	01.07	37	37	37	00	00	81	8	03	2	7	6	2												
30	02	00.82	37	36	34	06	12	82	5	02	0	1	6	3												
30	05	00.55	36	35	34	05	17	40	8	02	2	2	6	2												
30	08	00.03	39	38	37	06	21	64	8	03	2	6	5	4												
30	11	99.24	39	39	39	07	27	16	8	61	6	8	7	4												
30	14	99.84	40	40	40	01	14	16	8	60	6	8	7	2												
30	17	99.04	38	36	34	27	22	64	8	21	6	8	8	4												
30	20	99.50	38	36	34	27	22	64	8	02	2	8	8	4												
30	23	99.85	37	36	35	27	15	64	7	02	2	7	8	4												
31	02	99.91	37	36	34	29	16	81	7	02	2	7	8	4												
31	05	99.90	37	36	35	29	15	81	7	01	2	3	5	3												
31	08	99.76	37	37	37	31	07	40	8	61	6	8	7	3												
31	11	99.51	35	35	35	05	08	08	8	68	7	8	7	7												
31	14	99.29	37	37	37	26	12	16	8	61	6	8	7	7												
31	17	99.22	36	36	35	23	22	40	8	21	6	7	8	8												
31	20	99.88	36	35	34	22	22	80	7	02	2	5	8	8												
31	23	00.07	36	35	35	27	20	80	7	02	2	6	8	8												

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND																									
FOR THE MONTH OF JANUARY 1952																									
Table 40 contd.																									
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		SUNSHINE	
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	LOW CLOUD	MIDDLE					HIGH	DIRECTION		SPEED
LST.	Mbs.	"F	"F	"F	"x10	Kts.	WV	Okts	vv	W	Okts	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
10	01	9860	44	41	37	32	17	80	8	02	5	7	4	7	7	9									
10	04	9822	44	43	42	35	18	40	8	80	5	8	8	7	7	7									
10	07	9811	46	45	44	28	22	80	7	25	8	8	8	3	3	3									
10	10	9820	47	46	45	29	20	80	7	02	8	8	4	8	8	9									
10	13	9822	47	46	45	32	18	40	8	10	2	2	4	8	8	8									
10	16	9819	47	45	43	31	17	40	6	10	1	1	4	4	4	4									
10	19	9807	46	45	44	34	10	40	7	10	1	1	4	4	4	4									
10	22	9763	45	45	45	36	12	01	9	61	4	9	0	3	8	9			48	43	0012	511	29	33	036
11	01	9691	45	45	45	34	32	04	8	63	6	8	2	2	2	2									
11	04	9659	46	45	44	35	25	08	8	63	6	8	7	7	7	8									
11	07	9626	45	45	45	34	30	24	8	62	6	8	4	4	4	4									
11	10	9605	46	44	41	32	32	40	8	15	6	8	7	7	7	7									
11	13	9609	45	44	43	33	30	24	8	61	6	8	7	7	7	7									
11	16	9655	45	45	45	30	25	32	8	10	5	8	7	7	7	7									
11	19	9720	42	41	40	31	16	80	8	53	5	5	7	7	7	7									
11	22	9808	43	40	38	27	27	80	7	20	5	5	7	4	3	6			47	42	0031	588	27	46	000
12	01	9859	43	40	38	27	30	80	8	81	8	8	4	4	4	4									
12	04	9902	43	40	38	27	20	81	6	81	8	8	4	4	4	4									
12	07	9939	44	41	39	27	16	81	3	01	1	1	1	1	1	1									
12	10	9964	46	43	41	31	20	81	2	01	1	1	1	1	1	1									
12	13	9981	48	45	41	32	20	81	8	8	8	8	2	2	2	2									
12	16	9984	47	44	40	22	22	80	8	8	8	8	0	0	0	0									
12	19	9976	45	45	45	33	22	80	8	03	2	2	0	0	0	0									
12	22	9943	46	45	44	33	36	08	8	63	6	6	7	7	7	7			49	42	0004	619	33	40	089
13	01	9929	46	46	46	31	32	08	8	55	6	6	2	2	2	2									
13	04	9937	46	44	44	33	25	48	6	10	5	7	5	5	5	5									
13	07	9950	46	44	41	33	24	24	7	10	2	2	4	4	4	4									
13	10	9959	46	44	44	33	24	24	6	10	2	2	6	6	6	6									
13	13	9966	49	46	42	26	32	32	2	05	1	2	2	2	2	2									
13	16	9976	46	44	44	31	25	32	3	5	7	3	6	6	6	6									
13	19	9990	46	45	44	32	22	80	7	05	8	1	8	4	4	4									
13	22	0001	45	45	45	32	32	80	8	05	2	2	8	6	4	4			49	44	0014	510	33	56	107
14	01	0006	45	44	43	33	20	08	5	05	2	5	6	3	3	3									
14	04	0009	45	44	43	33	15	16	7	10	2	4	6	3	3	3									
14	07	0006	45	44	43	33	11	16	8	10	2	8	6	3	3	3									
14	10	9999	46	44	44	33	16	80	8	10	2	8	6	3	3	3									
14	13	9993	46	45	44	34	02	04	9	47	4	9	9	0	0	0									
14	16	9997	45	45	45	00	00	00	9	47	4	9	9	0	0	0									
14	19	9995	44	44	44	00	00	00	9	55	5	9	9	0	0	0									
14	22	9899	44	44	44	24	06	08	8	51	5	6	6	2	2	2			47	43	0000	215	31	26	005
15	01	9898	43	42	41	26	12	16	8	63	6	6	7	3	2	3									
15	04	9911	43	41	38	27	12	81	6	01	6	4	6	4	4	4									
15	07	9921	43	42	41	28	05	16	8	62	6	8	7	4	4	4									
15	10	9937	46	44	41	27	15	81	7	03	8	6	2	2	2	2									
15	13	9962	44	42	39	25	08	80	8	80	8	8	8	5	5	5									
15	16	9992	43	40	35	26	12	81	7	25	8	7	8	4	4	4									
15	19	0016	42	37	28	26	16	81	7	15	8	7	8	4	4	4									
15	22	0030	41	39	36	26	15	81	8	02	2	2	8	8	5	5			47	39	0025	329	27	40	036
16	01	0039	41	39	36	25	06	81	8	02	8	8	8	5	5	5									
16	04	0041	41	38	33	27	08	81	7	02	2	2	7	5	5	5									
16	07	0047	43	41	38	30	10	81	7	02	2	2	3	5	5	5									
16	10	0044	45	42	38	33	12	81	8	02	2	2	5	5	5	5									
16	13	0019	45	43	40	01	15	81	8	21	6	1	5	4	4	4									
16	16	9990	45	45	45	02	26	12	8	63	6	8	7	1	1	1									
16	19	9963	46	46	46	34	20	08	8	44	4	6	7	7	7	7									
16	22	9960	46	46	46	33	18	01	9	45	4	4	9	1	0	0			46	40	0003	456	35	37	019
17	01	9938	46	46	46	35	15	08	8	60	4	8	7	2	2	2									
17	04	9917	46	46	46	34	20	08	8	60	6	8	7	2	2	2									
17	07	9905	47	47	47	35	20	08	8	61	6	8	7	2	2	2									
17	10	9881	46	46	46	34	20	08	8	61	6	8	7	2	2	2									
17	13	9887	47	46	45	33	12	40	8	10	6	8	6	6	6	6									
17	16	9887	47	46	45	33	08	32	8	10	2	2	6	6	6	6									
17	19	9884	46	45	44	32	10	40	7	10	1	5	5	5	5	5									
17	22	9888	44	44	44	32	10	80	2	01	1	2	6	3	3	3			47	44	0032	409	34	31	016
18	01	9887	44	43	42	33	18	80	2	10	1	2	6	3	3	3									
18	04	9878	44	44	43	33	20	80	3	10	1	2	6	3	3	3									
18	07	9874	44	43	42	33	25	16	8	61	6	3	7	3	3	3									
18	10	9865	45	44	43	33	25	40	8	61	6	3	7	3	3	3									
18	13	9877	47	45	43	29	22	80	7	01	5	6	6	4	4	4									
18	16	9894	45	44	43	27	20	32	8	60	5	6	7	4	4	4									
18	19	9921	45	43	40	27	25	80	8	10	2	2	6	8	8	8									
18	22	9945	44	42	39	26	27	40	8	10	2	2	8	8	8	8			47	42	0004	416	26	35	033

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND																											
Table 40 contd. FOR THE MONTH OF JANUARY 1952																											
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		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED	Hours
	LST.	Mbs.	*F	*F	*F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	*F	*F	Points	Miles	*x10	Kts	Hours	
NNNNNNNN	01	9808	42	40	37	28	21	48	6	25	8	6	8	4	0	0	6	6	6								
NNNNNNNN	04	9806	41	38	33	28	17	40	7	15	8	7	8	4	0	0	6	6	6								
NNNNNNNN	07	9800	43	40	35	30	17	80	5	02	8	7	8	5	0	1	6	6	6								
NNNNNNNN	10	9784	41	40	39	32	20	80	7	80	8	7	7	3	4	0	1	7	7								
NNNNNNNN	13	9764	44	45	40	33	18	81	6	16	8	6	6	2	4	0	0	7	7								
NNNNNNNN	16	9749	44	41	37	30	23	81	6	02	8	4	8	5	3	0	0	7	7								
NNNNNNNN	19	9734	42	40	37	31	17	80	5	02	8	4	8	5	0	2	0	7	7								
NNNNNNNN	22	9722	42	39	38	31	15	80	7	84	8	7	3	4	0	0	5	5	5	46	37	0013	477	31	37	121	
NNNNNNNN	01	9708	41	40	39	29	20	81	2	25	8	2	2	4	0	0	6	6	6								
NNNNNNNN	04	9707	39	38	37	27	20	81	4	81	8	4	9	4	0	0	6	6	6								
NNNNNNNN	07	9715	41	40	39	27	15	81	6	81	8	6	3	4	0	0	6	6	6								
NNNNNNNN	10	9714	42	40	37	28	17	40	8	80	8	6	8	4	0	0	6	6	6								
NNNNNNNN	13	9707	45	42	38	30	19	81	7	02	8	6	8	5	4	2	6	6	6								
NNNNNNNN	16	9697	40	39	38	28	23	12	8	88	8	6	8	4	0	0	6	6	6								
NNNNNNNN	19	9681	41	40	39	29	21	40	7	25	8	7	8	5	0	0	6	6	6								
NNNNNNNN	22	9671	40	38	35	29	16	80	3	01	8	3	8	5	0	0	6	6	6	45	38	0015	427	27	38	086	
NNNNNNNN	01	9660	39	38	37	29	18	80	4	2	8	4	2	4	0	0	6	6	6								
NNNNNNNN	04	9653	39	39	39	29	20	80	7	88	8	7	3	4	0	0	6	6	6								
NNNNNNNN	07	9663	40	39	38	28	20	80	6	88	8	4	2	4	3	0	6	6	6								
NNNNNNNN	10	9668	40	39	38	28	20	80	7	7	8	4	2	4	0	0	6	6	6								
NNNNNNNN	13	9668	43	41	38	28	22	80	8	88	8	6	6	4	4	0	6	6	6								
NNNNNNNN	16	9677	40	38	35	27	22	82	7	1	8	5	9	4	3	0	6	6	6								
NNNNNNNN	19	9700	39	38	38	27	20	82	8	88	8	5	8	4	4	0	6	6	6								
NNNNNNNN	22	9720	39	37	34	27	20	82	3	88	8	3	3	4	0	0	6	6	6	44	37	0008	398	29	40	077	
NNNNNNNN	01	9738	37	35	32	24	09	48	6	88	8	6	8	4	0	0	6	6	6								
NNNNNNNN	04	9749	41	39	36	31	17	80	8	88	8	8	8	4	0	0	6	6	6								
NNNNNNNN	07	9770	41	40	39	27	12	80	8	88	8	8	4	0	0	0	6	6	6								
NNNNNNNN	10	9786	44	40	35	29	15	82	3	3	8	3	2	5	0	0	6	6	6								
NNNNNNNN	13	9800	44	42	38	29	15	82	4	4	8	1	1	4	2	5	0	6	6								
NNNNNNNN	16	9812	44	42	38	29	15	82	8	88	8	4	2	5	0	0	6	6	6								
NNNNNNNN	19	9820	44	41	38	29	13	82	8	88	8	4	2	5	0	0	6	6	6								
NNNNNNNN	22	9844	44	40	37	31	10	82	1	5	8	1	3	8	5	0	6	6	6	46	37	0028	231	27	30	118	

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF FEBRUARY 1952**

Table 40 contd.

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		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	HEIGHT	LOW	MIDDLE	HIGH					DIRECTION	SPEED				
	LST.	Mts.	"F	"F	"F	"x10	Kts.	WV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
01	01	998844	41	39	36	0000	08	82	3	002	1	3	8	55	0	0	6	6								
01	04	998844	40	39	38	0000	00	82	3	000	0	2	2	55	0	0	6	6								
01	07	998844	41	39	36	0000	00	82	3	003	1	3	8	55	0	0	6	6								
01	10	998844	43	41	38	0000	01	82	2	002	0	2	2	55	0	0	6	6								
01	13	998844	43	40	35	0000	05	82	8	002	0	2	2	55	0	0	6	6								
01	16	997829	42	40	37	0000	10	80	7	002	0	2	2	55	0	0	6	6								
01	19	997829	42	40	37	0000	06	81	7	000	0	2	2	55	0	0	6	6								
01	22	997829	41	39	36	0000	07	80	7	000	0	2	2	55	0	0	6	6		45	37	0001	264	24	13	026
02	01	997829	38	36	33	0000	12	80	6	255	8	6	2	55	0	0	5	5								
02	04	997829	38	36	33	0000	20	80	5	255	8	5	2	55	0	0	5	5								
02	07	997829	39	38	37	0000	15	80	7	255	8	7	2	55	0	0	5	5								
02	10	998810	42	39	34	0000	20	81	7	278	8	5	2	55	0	0	6	6								
02	13	998818	42	40	37	0000	22	81	7	298	8	6	2	55	0	0	6	6								
02	16	998827	43	40	37	0000	17	80	6	221	4	4	4	55	0	0	6	6								
02	19	998839	41	38	35	0000	26	82	1	801	8	7	8	55	0	0	6	6								
02	22	998839	40	38	35	0000	25	81	4	255	8	4	2	4	55	0	0	6	6							
03	01	998831	42	40	37	0000	25	80	7	028	8	4	4	4	55	0	0	6	6							
03	04	998832	42	39	37	0000	17	80	8	208	8	4	4	4	55	0	0	6	6							
03	07	998834	43	42	41	0000	12	16	8	168	8	6	8	6	1	0	0	6	6							
03	10	998878	44	44	44	0000	08	08	5	531	5	8	6	1	0	0	6	6								
03	13	998847	46	46	46	0000	20	02	9	475	9	9	9	0	0	0	6	6								
03	16	998825	45	45	45	0000	18	08	8	533	6	3	7	2	2	2	9	9								
03	19	998835	45	44	43	0000	17	64	8	221	6	6	7	4	4	4	5	5								
03	22	998841	44	44	44	0000	16	32	8	606	6	8	0	5	5	5	9	9		47	40	0009	483	29	34	000
04	01	998841	43	43	43	0000	20	12	8	53	6	8	7	4	4	4	7	7								
04	04	998851	43	42	41	0000	16	16	8	545	8	7	4	4	4	4	7	7								
04	07	998869	44	42	39	0000	20	80	7	015	7	8	4	5	5	5	6	6								
04	10	998882	43	43	43	0000	26	16	8	815	5	7	8	4	2	0	9	9								
04	13	999023	44	42	39	0000	26	80	7	028	6	8	4	4	1	6	6	9								
04	16	999233	45	43	40	0000	23	80	8	028	8	8	4	4	0	0	6	6								
04	19	999570	44	42	39	0000	22	80	6	021	1	6	8	4	0	0	6	6								
04	22	999700	44	42	39	0000	23	80	4	022	8	4	8	4	0	0	6	6		47	40	0016	503	29	38	084
05	01	999931	44	41	37	0000	24	80	1	011	1	1	5	4	0	0	7	7								
05	04	999931	44	43	42	0000	10	80	7	102	4	6	3	5	5	5	6	6								
05	07	999764	43	43	43	0000	15	16	8	606	6	8	7	3	3	3	7	7								
05	10	999477	46	46	46	0000	25	04	9	476	6	9	0	0	0	0	9	9								
05	13	999233	45	45	45	0000	18	12	8	604	8	7	3	0	0	0	7	7								
05	16	998874	46	46	46	0000	25	02	9	476	6	9	0	0	0	0	9	9								
05	19	998824	46	46	46	0000	28	12	8	424	8	7	2	2	2	2	8	8								
05	22	998820	46	43	39	0000	37	16	7	186	7	7	4	4	4	4	7	7		47	41	0021	650	31	60	000
06	01	998855	45	42	38	0000	33	40	8	136	6	8	7	3	3	3	7	7								
06	04	998800	44	41	37	0000	22	80	7	258	7	7	4	4	4	4	7	7								
06	07	998855	45	41	35	0000	21	80	8	022	2	8	7	4	4	4	7	7								
06	10	999177	44	40	34	0000	20	80	7	022	3	8	8	5	3	6	6	9								
06	13	999336	46	42	36	0000	22	81	6	031	1	6	8	8	0	0	6	6								
06	16	999577	46	42	36	0000	30	81	3	022	3	8	8	8	0	0	6	6								
06	19	999820	45	44	43	0000	23	81	7	022	2	7	8	8	0	0	6	6								
06	22	999810	44	42	39	0000	25	81	1	012	1	5	4	4	0	0	6	6		48	43	0002	633	32	54	088
07	01	00020	45	43	40	0000	20	81	2	000	0	2	5	4	0	0	6	6								
07	04	00010	45	44	43	0000	22	81	4	031	1	4	6	4	3	0	6	6								
07	07	999955	45	44	43	0000	30	08	8	612	8	7	3	3	3	3	7	7								
07	10	999699	46	45	44	0000	34	16	8	616	6	8	7	3	3	3	7	7								
07	13	999433	46	45	45	0000	33	16	8	636	6	8	7	3	3	3	7	7								
07	16	999288	46	46	46	0000	33	16	8	636	6	8	7	3	3	3	7	7								
07	19	999288	46	46	46	0000	30	24	8	606	6	8	7	3	3	3	7	7								
07	22	998868	46	45	44	0000	27	40	7	156	6	6	7	3	2	8	9		47	43	0003	727	33	46	000	
08	01	998846	45	44	43	0000	27	16	7	606	6	3	7	3	2	8	9									
08	04	998817	45	44	43	0000	30	40	7	106	7	8	4	4	4	4	7	7								
08	07	998805	44	43	42	0000	32	16	8	508	8	7	4	3	3	3	7	7								
08	10	998805	45	43	40	0000	32	32	8	105	8	7	4	4	4	4	6	6								
08	13	998805	44	43	42	0000	30	16	8	502	8	7	4	4	4	4	6	6								
08	16	998855	44	43	42	0000	30	16	8	502	8	7	4	4	4	4	6	6								
08	19	999244	43	41	38	0000	30	24	8	505	5	8	7	3	3	3	7	7								
08	22	999833	43	40	35	0000	30	40	8	015	6	7	4	4	4	4	6	6		46	40	0020	657	30	47	007
09	01	00022	42	37	28	27	31	80	4	258	8	4	7	4	0	0	6	6								
09	04	00060	42	37	28	27	32	40	8	158	8	8	4	4	4	4	6	6								
09	07	0101	42	37	28	27	28	80	7	022	2	7	8	5	5	5	6	6								
09	10	0131	45	39	29	28	20	81	6	022	2	4	8	5	0	1	5	5								
09	13	0146	45	40	32	28	15	80	8	152	5	2	5	2	0	6	5									

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF FEBRUARY 1952**

Table 40 contd.

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	FAST WEATHER	LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE	HIGH	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	Cl	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
10	01	01 59	44	43	42	33	16	81	8	022	2	8	5	5												
10	04	01 51	44	43	42	33	20	81	8	022	2	8	5	5												
10	07	01 42	45	44	43	33	22	64	8	60	2	8	5	4												
10	10	01 32	45	45	45	33	30	24	8	60	5	7	2	2												
10	13	01 14	46	45	44	33	26	32	8	15	6	6	2	2												
10	16	01 08	46	45	44	33	26	16	8	61	6	6	2	2												
10	19	01 02	45	45	45	33	20	16	8	10	6	6	2	2												
10	22	01 03	45	45	45	33	18	40	8	15	6	7	4	2						46	43	0001	485	34	38	001
11	01	00 90	44	44	44	01	16	16	8	50	6	8	7	3												
11	04	00 66	45	45	45	01	25	40	8	10	5	8	7	4												
11	07	00 51	45	44	43	06	05	80	8	21	6	8	7	4												
11	10	00 39	46	45	44	06	05	80	8	01	6	4	7	4	1											
11	13	00 35	46	45	44	06	05	32	8	60	6	8	7	4												
11	16	00 27	45	44	43	06	00	24	8	61	6	6	7	7												
11	19	00 26	45	45	45	00	00	00	8	61	6	6	7	7												
11	22	00 31	45	45	45	00	00	00	9	47	6	9	0	0						47	43	0013	231	36	36	000
12	01	00 29	44	44	44	31	13	04	9	43	4	9	0	0												
12	04	00 24	44	44	44	30	14	24	8	61	6	8	7	7												
12	07	00 29	43	42	41	00	10	16	8	10	6	6	8	7												
12	10	00 24	44	44	44	00	08	16	8	16	6	8	8	7												
12	13	00 24	42	41	40	00	07	15	8	22	6	8	7	4												
12	16	00 26	42	42	41	00	08	08	8	23	5	8	7	2												
12	19	00 26	42	41	40	00	08	16	8	23	5	8	7	2												
12	22	00 24	42	40	37	00	08	32	8	21	5	8	7	4						45	41	0029	527	27	47	000
13	01	00 50	42	40	37	27	25	40	8	60	5	8	7	5	2											
13	04	00 47	42	41	40	27	25	40	8	61	6	8	7	4												
13	07	00 47	42	41	40	27	24	40	8	60	6	8	7	4												
13	10	00 49	43	42	41	28	29	32	8	25	6	8	7	4												
13	13	00 73	44	40	34	28	30	64	7	25	8	7	8	4												
13	16	00 78	43	40	35	27	29	64	8	25	8	7	8	4	3	3	1									
13	19	00 87	43	40	35	27	32	48	7	15	8	6	8	4	3	3	0									
13	22	00 06	42	38	31	27	37	80	6	18	8	6	8	4	0	0				45	37	0014	689	27	51	029
14	01	00 26	38	38	38	27	38	80	6	81	8	6	2	4	0	0										
14	04	00 20	41	38	33	27	32	80	5	25	8	5	3	4	0	0										
14	07	00 21	41	39	36	27	32	80	3	27	8	3	4	4	0	0										
14	10	00 33	45	40	31	28	35	80	4	15	8	4	8	3	4	0										
14	13	00 39	45	40	31	27	35	81	5	02	8	5	2	5	5											
14	16	00 49	43	39	31	27	33	81	7	02	2	5	2	5	5											
14	19	00 56	43	40	36	27	30	81	7	02	2	6	2	5	5											
14	22	01 11	44	41	37	28	30	81	7	02	2	5	8	5	3	3				45	37	0010	679	27	57	080
15	01	01 12	44	42	39	30	30	80	8	02	2	7	8	4	3											
15	04	01 08	45	45	40	29	30	64	8	15	8	8	8	4												
15	07	01 15	45	44	43	30	29	32	8	50	8	8	7	3												
15	10	01 22	45	44	43	30	30	40	8	10	2	8	7	3												
15	13	01 20	45	44	43	31	30	80	8	10	2	8	6	4												
15	16	01 15	46	45	44	31	30	64	8	10	2	8	6	4												
15	19	01 18	45	45	45	31	26	64	8	10	2	8	6	4												
15	22	01 16	46	46	46	32	25	40	8	10	2	8	6	4						47	43	0001	579	29	39	000
16	01	01 16	46	45	44	32	20	40	8	10	2	8	6	4												
16	04	01 27	46	46	46	30	20	04	9	47	2	9	0	0												
16	07	01 38	46	46	46	31	13	02	9	45	4	9	0	0												
16	10	01 39	45	45	45	33	14	02	9	45	4	9	0	0												
16	13	01 35	46	46	46	32	16	10	8	55	4	8	6													
16	16	01 29	46	46	46	33	17	02	9	45	4	9	0	0												
16	19	01 22	45	45	45	33	16	01	9	47	4	9	0	0												
16	22	01 18	45	45	45	33	09	00	9	45	4	9	0	0						47	44	0000	415	30	30	000
17	01	01 01	45	45	45	31	08	00	9	47	4	9	0	0												
17	04	00 84	45	45	45	33	15	00	9	61	4	9	0	0												
17	07	00 65	45	45	45	34	22	04	8	63	6	8	7	1												
17	10	00 40	46	46	46	34	26	04	8	61	6	8	7	1												
17	13	00 12	46	46	46	33	30	04	8	61	6	8	7	2												
17	16	99 74	47	47	47	33	32	04	8	63	6	8	7	2												
17	19	99 53	46	46	46	33	30	16	8	59	6	8	7	2												
17	22	99 41	46	46	46	33	26	08	8	58	6	8	7	2						47	44	0034	623	34	41	000
18	01	99 46	45	45	45	31	22	16	8	10	6	8	7	2												
18	04	99 54	44	42	39	29	24	40	8	20	6	7	3	2												
18	07	99 83	44	41	37	29	22	81	7	02	1	6	8	4	2	4										
18	10	99 98	45	42	38	30	22	81	4	02	2	4	8	5	0	0										
18	13	00 11	46	43	39	30	22	81	4	02	1	2	8	5	3	0										
18	16	00 10	46	43	39	32	18	81	3	02	1	3	8	5	3	0										
18	19	00 01	44	42	39	32	22	81	1	02	0	1	2	5	3	0										
18	22	99 82	44	43	42	33	26	81	1	02	0	1	5	5	0	0				46	43	0022	646	33	36	095

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF FEBRUARY 1952**

Table 49 contd.

DAY	HOUR	STATION PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	AMOUNT	HEIGHT	AMOUNT	HEIGHT	PRECIPITATION	DIRECTION					SPEED	Hours	
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Okas	ww	W	Okas	Cl	h	Cm	Ch	Cl	Cm	Ch	"F	"F	Points	Miles	"x10	Kts.	Hours	
28	01	98.99	42	39	34	3	30	80	5	81	8	5	3	4	0	0	5										
28	04	98.99	41	39	36	3	30	81	8	81	8	5	3	4	0	0	5										
28	07	99.99	40	40	36	3	30	81	8	81	8	5	3	4	0	0	5										
28	10	99.99	40	40	36	3	30	80	8	80	8	5	3	4	0	0	5										
28	13	99.99	42	40	37	3	30	80	8	80	8	5	3	4	0	0	5										
28	16	99.99	41	40	39	3	30	80	8	80	8	5	3	4	0	0	5										
28	19	98.79	40	39	38	3	30	80	8	80	8	5	3	4	0	0	5										
28	22	98.50	40	39	38	3	30	80	8	80	8	5	3	4	2	2	7			45	37	0005	433	29	42	060	
29	01	98.80	39	37	34	2	15	40	7	87	8	7	3	4	0	0	5										
29	04	99.55	39	37	34	2	18	80	6	82	8	6	3	4	0	0	5										
29	07	99.85	41	38	33	2	15	81	6	82	8	6	3	4	0	0	5										
29	10	00.18	44	40	34	2	16	81	6	82	8	6	3	4	0	0	5										
29	13	00.40	44	40	34	2	15	81	6	82	8	6	3	4	0	0	5										
29	16	00.48	44	40	34	2	15	81	6	82	8	6	3	4	0	0	5										
29	19	00.48	43	40	35	2	15	81	6	82	8	6	3	4	0	0	5										
29	22	00.43	44	42	35	2	20	64	8	80	8	8	4	0	0	6			45	39	0017	545	27	36	061		

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF MARCH 1952

Table 40 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE	HIGH	DIRECTION					SPEED				
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Okas	ww	W	Okas	CL	h	CM	CH	CL	CH	"F	"F	Points	Miles	"x10	Kts.	Hours	
01	01	00 24	45	43	40	33	26	80	8	02	6	8	5	2	7	7										
01	04	00 02	45	44	43	33	29	80	8	10	6	8	7	2	7	7	9									
01	07	99 84	45	43	40	33	29	80	8	20	6	8	7	2	7	7	9									
01	10	99 68	46	45	44	33	35	40	8	10	6	8	7	2	7	7	9									
01	13	99 45	46	45	44	34	35	40	8	60	6	8	7	2	7	7	9									
01	16	99 38	44	45	42	30	22	16	8	61	4	4	7	2	2	7	7	6								
01	19	99 41	43	42	41	32	16	80	7	21	6	8	3	7	4	3	6									
01	22	99 57	44	43	42	32	18	80	8	02	2	8	6	5	7	6			47	42	0001	534	34	40	001	
02	01	99 59	44	43	42	33	16	80	7	02	2	7	6	5	7	7										
02	04	99 52	44	43	42	34	20	80	8	02	2	8	6	5	7	7										
02	07	99 56	44	43	42	33	12	24	8	62	8	8	7	5	7	7										
02	10	99 59	44	42	39	30	10	40	8	61	6	8	7	4	2	7	7	9								
02	13	99 61	43	40	35	27	16	80	8	02	6	5	7	5	7	6										
02	16	99 67	44	40	34	29	17	81	6	02	1	7	4	4	3	7	7									
02	19	99 76	42	39	34	29	20	81	4	02	1	4	2	5	3	0	1	7								
02	22	99 83	40	38	35	29	24	24	8	02	8	8	2	5	3	0	0			46	38	0008	424	30	40	029
03	01	99 97	39	37	34	29	15	80	3	01	8	3	6	4	0	0	6									
03	04	99 89	42	39	34	32	20	80	8	02	2	8	6	4	0	0	7									
03	07	99 80	43	41	38	32	15	80	7	25	8	7	8	5	7	7										
03	10	99 63	44	43	42	33	17	80	7	02	2	7	5	5	7	7	6									
03	13	99 22	44	43	42	32	22	64	8	62	6	8	7	5	7	7										
03	16	98 71	44	44	44	33	26	24	8	61	6	6	7	4	4	7	7									
03	19	98 32	44	43	42	32	32	32	8	60	6	6	7	4	4	7	7									
03	22	98 46	42	40	37	29	35	32	7	81	6	7	2	4	5	5			45	38	0008	674	29	55	008	
04	01	99 00	38	37	35	28	31	24	7	81	8	7	8	4	0	0	6									
04	04	99 20	40	37	32	27	30	64	5	25	8	5	8	4	0	0	6									
04	07	99 30	39	37	34	27	30	80	7	02	8	7	8	4	0	0	6									
04	10	99 32	42	38	31	31	15	81	7	02	2	7	8	5	7	6										
04	13	99 28	43	39	33	27	15	81	7	02	2	7	2	5	7	6										
04	16	99 24	41	36	27	28	14	81	3	01	2	3	8	5	7	6										
04	19	99 25	38	35	23	26	10	82	2	02	0	2	8	5	0	0	6									
04	22	99 32	35	33	29	00	00	81	1	02	2	2	5	5	0	0	6			44	35	0022	307	28	49	072
05	01	99 25	36	33	27	28	06	81	3	02	8	3	8	5	0	0	6									
05	04	99 26	38	35	30	22	14	81	6	00	8	6	2	5	5	5	6									
05	07	99 23	39	36	31	22	16	81	6	03	8	8	4	2	5	5	6									
05	10	99 07	39	37	34	22	19	40	8	61	8	6	7	4	2	2	6									
05	13	98 70	41	40	39	39	11	56	8	60	6	6	7	4	2	2	6									
05	16	98 58	42	40	37	35	9	40	8	60	6	6	7	5	7	6										
05	19	98 58	39	38	37	33	3	40	8	60	6	6	8	4	2	2	6									
05	22	98 82	40	36	29	28	3	80	5	20	8	5	2	4	0	0	6			43	35	0005	612	27	50	000
06	01	99 12	39	37	34	27	35	80	6	2	8	6	3	4	0	0	6									
06	04	99 50	37	36	34	22	36	80	6	2	8	8	3	4	0	0	6									
06	07	99 30	40	35	25	22	30	80	5	2	8	5	3	5	5	5	6									
06	10	00 07	42	37	28	27	30	80	2	2	8	2	2	5	5	5	7									
06	13	00 14	42	39	34	27	30	80	6	6	6	6	2	2	2	2	6									
06	16	00 02	41	39	34	27	25	80	0	0	2	5	2	5	5	5	6									
06	19	99 69	43	43	43	30	12	12	8	61	6	6	2	7	4	2	6									
06	22	99 65	44	44	44	28	25	16	8	51	5	8	7	4	6	6			45	34	0013	679	27	57	029	
07	01	99 64	45	44	43	28	29	32	8	51	5	8	7	3	6	6										
07	04	99 82	43	41	38	28	33	40	8	80	5	8	7	3	6	6										
07	07	00 20	42	37	28	28	37	80	7	02	8	7	8	4	6	6										
07	10	00 60	42	37	28	28	40	81	7	02	2	4	8	4	6	6										
07	13	00 92	41	37	30	27	30	81	8	02	2	2	4	4	5	5	7									
07	16	01 10	41	37	30	27	30	81	8	02	2	2	4	4	5	5	6									
07	19	01 38	40	36	29	28	21	81	8	02	2	2	4	4	5	5	6									
07	22	01 53	40	37	32	26	12	81	8	02	2	2	4	4	5	5	6			45	39	0009	534	27	59	033
08	01	01 53	41	38	33	27	15	81	8	02	2	1	4	5	5	5	6									
08	04	01 39	42	41	40	31	16	32	8	61	6	8	7	4	3	6										
08	07	01 18	44	43	42	30	24	32	8	10	6	8	7	4	6	6										
08	10	01 06	45	44	43	30	24	24	8	51	5	8	7	3	6	6										
08	13	00 91	45	45	45	31	24	24	8	50	5	7	7	3	2	6										
08	16	00 76	45	45	45	30	23	16	8	51	5	8	7	3	7	7										
08	19	00 59	45	44	43	30	23	12	8	51	5	8	7	2	7	7										
08	22	00 43	45	45	45	32	22	12	8	53	5	8	7	2	7	7			46	39	0001	623	30	36	000	
09	01	00 14	45	45	45	32	30	12	8	61	5	8	7	2	7	7										
09	04	99 90	46	45	44	30	12	8	8	50	6	8	7	4	7	7										
09	07	00 10	44	42	39	28	80	80	6	01	6	6	8	5	6	6										
09	10	00 13	45	42	38	28	80	80	5	02	1	5	8	5	6	6										
09	13	99 93	46	42	36	25	81	81	5	02	1	5	8	5	6	6										
09	16	99 47	45	42	38	33	81	81	8	03	2	6	5	4	7	7										
09	19	99 22	45	45	40	40	08	80	8	90	2	8	3	4	6	6										
09	22	99 26	40	39	38	34	80	80	7	81	8	7	2	5	6	6			47	39	0003	759	29	59	060	

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF MARCH 1952**

Table 40 contd.

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		SUNSHINE				
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED		
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	*x10	Kts.	Hours	
10	01	99666	41	37	30	28	31	80	7	18	8	7	8	5													
10	04	99722	41	36	27	27	31	64	5	80	8	5	8	8													
10	07	99733	40	37	32	27	39	40	8	80	8	7	8	8													
10	10	99777	40	39	38	28	30	80	7	85	8	6	2	4													
10	13	99800	41	38	33	27	30	81	4	85	8	4	4	8													
10	16	99881	41	37	30	27	38	81	4	85	8	4	8	8													
10	19	99977	36	34	30	27	34	81	6	85	8	6	6	3													
10	22	00005	37	35	32	27	24	81	8	85	8	5	8	5						44	35	0015	562	28	48	041	
11	01	00015	38	34	26	26	25	81	7	02	8	6	8	5													
11	04	00028	39	35	28	27	25	81	7	15	8	7	8	5													
11	07	00050	39	35	28	26	22	81	8	02	8	7	8	5													
11	10	00075	39	35	28	25	17	80	8	02	8	8	8	5													
11	13	00082	40	36	29	25	13	80	8	02	8	5	8	8													
11	16	00098	40	35	25	25	09	80	8	02	8	8	8	5													
11	19	01099	39	35	28	25	02	80	8	02	8	8	8	5													
11	22	01222	40	36	29	31	05	80	8	02	8	8	5	6						41	34	0003	269	26	50	000	
12	01	01114	39	37	34	34	08	80	6	02	2	6	8	8													
12	04	01102	41	39	36	36	15	80	6	02	8	6	5	5													
12	07	00995	43	41	38	34	13	80	5	02	2	5	5	5													
12	10	00993	46	44	41	35	12	80	5	01	1	5	5	5													
12	13	00755	46	44	41	34	16	81	5	03	3	5	5	6													
12	16	00660	45	42	38	35	16	81	5	03	3	5	5	6													
12	19	00337	44	41	37	36	04	81	5	05	5	5	5	5													
12	22	00006	44	42	39	35	08	40	5	05	5	5	5	7						48	39	0000	364	34	33	032	
13	01	99662	44	44	44	02	14	12	8	55	5	8	6	2													
13	04	98999	45	45	45	34	12	12	8	59	6	8	7	2													
13	07	98998	45	45	45	31	06	80	8	20	5	8	7	3													
13	10	99155	46	45	44	31	06	40	8	10	2	8	7	4													
13	13	99455	46	45	44	31	06	81	6	10	2	6	6	4													
13	16	99551	46	45	44	31	06	81	8	02	2	2	2	7													
13	19	99554	45	45	45	33	24	81	8	53	5	5	5	6													
13	22	99449	45	45	44	33	20	08	8	51	5	8	7	4						47	44	0016	603	34	47	030	
14	01	99227	46	46	46	34	20	06	8	55	5	8	7	3													
14	04	99000	46	46	46	34	20	06	8	55	5	8	7	2													
14	07	98882	43	44	43	30	08	80	8	01	8	6	2	4													
14	10	98887	43	41	38	30	08	64	8	80	8	7	2	4													
14	13	98666	45	42	38	31	04	81	6	02	1	6	8	5													
14	16	98225	44	42	39	32	05	80	7	25	8	7	7	8													
14	19	97662	44	42	39	33	05	80	7	61	8	4	7	4													
14	22	96668	45	45	40	30	06	64	8	80	8	7	8	5						46	41	0008	771	31	58	058	
15	01	96664	44	42	39	30	40	80	5	01	8	5	8	5													
15	04	96555	42	40	37	30	35	80	3	02	2	3	2	4													
15	07	96660	41	40	39	35	29	80	6	06	8	6	8	5													
15	10	97112	41	39	35	32	29	80	8	84	8	7	2	4													
15	13	97444	42	40	37	26	08	81	6	15	8	6	2	4													
15	16	97889	41	39	36	27	05	82	7	84	8	6	2	4													
15	19	98155	38	36	33	26	26	81	7	15	8	6	2	4													
15	22	98335	38	36	33	26	22	81	8	84	8	7	3	4						44	35	0027	537	30	53	044	
16	01	98553	38	35	30	26	28	80	7	26	8	7	8	4													
16	04	98555	35	34	30	27	25	84	8	26	8	7	8	4													
16	07	98555	35	34	30	27	28	80	7	26	8	7	8	4													
16	10	98776	34	33	31	25	25	80	7	86	8	7	9	4													
16	13	98883	39	35	30	26	30	80	7	26	8	6	3	4													
16	16	99005	38	35	30	20	08	80	6	26	8	4	3	4													
16	19	99221	37	35	32	27	20	80	7	26	8	3	4	3													
16	22	99444	38	35	30	27	10	80	4	15	8	4	3	5						40	32	0008	361	26	51	065	
17	01	99661	36	34	30	26	12	81	3	85	8	3	3	4													
17	04	99778	37	33	25	26	12	81	3	15	8	3	2	4													
17	07	00000	37	34	29	26	15	81	8	84	8	8	3	4													
17	10	00008	39	37	34	26	18	40	8	84	8	7	3	5													
17	13	00021	40	36	29	25	23	80	8	02	8	6	8	5													
17	16	00025	34	34	34	20	27	16	8	86	8	8	8	4													
17	19	00558	38	35	30	20	15	80	6	85	8	6	3	4													
17	22	00684	39	35	28	22	04	80	7	03	1	6	8	4						41	33	0002	392	26	52	049	
18	01	00889	39	37	34	25	10	40	8	61	2	8	0	5													
18	04	00880	39	38	37	25	12	40	8	61	5	8	0	5													
18	07	00776	39	38	37	25	22	40	8	61	6	8	0	5													
18	10	00662	40	39	38	25	15	80	8	01	6	6	5	5													
18	13	00444	43	41	38	26	22	80	8	80	8	7	8	5													
18	16	00332	42	40	37	26	20	81	6	15	8	4	4	2													
18	19	00025	41	39	36	26	10	81	8	15	8	6	3	4													
18	22	00223	40	39	38	26	05	40	8	60	8	8	7	5						43	37	0026	284	25	34		

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF MARCH 1952**

Table 40 contd.

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		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED	
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	*x10	Kts.	Hours
19	01	00 23	38	36	33	25	10	48	7	80	6	6	8	4	3											
19	04	00 28	38	36	30	22	09	80	8	25	8	7	8	4	3											
19	07	00 38	37	35	32	30	09	81	7	02	8	7	7	8	5	6	9									
19	10	00 40	38	36	33	27	10	81	6	02	2	6	8	8	0	0										
19	13	00 41	39	37	34	25	08	81	7	80	8	7	8	8	5	5										
19	16	00 40	41	38	33	00	00	81	6	02	2	6	8	8	0	0										
19	19	00 48	37	35	32	00	00	81	8	02	2	8	8	8	5	5										
19	22	00 45	38	36	33	00	00	81	8	02	2	8	8	8	5	5				41	36	00 07	233	26	27	0 29
20	01	00 33	39	38	37	34	10	64	8	61	6	8	7	4	8											
20	04	00 12	40	40	40	36	06	16	8	61	6	8	7	4	8											
20	07	99 89	43	43	43	32	10	08	8	53	6	8	7	2	0	0										
20	10	99 59	45	45	45	32	14	01	9	45	6	8	8	8	8											
20	13	99 43	45	45	45	28	10	08	8	10	4	8	6	6	1	1										
20	16	99 26	45	45	45	30	09	08	8	55	6	8	6	6	6											
20	19	99 15	45	45	45	29	15	02	9	45	6	8	1	0	0											
20	22	99 15	45	44	43	28	16	80	9	02	4	8	5	5	5											
21	01	99 15	44	43	42	28	16	40	8	10	2	8	6	4	6											
21	04	99 23	43	43	43	27	13	08	8	60	2	8	7	4	4											
21	07	99 47	43	43	43	25	15	24	8	10	8	8	7	3	3											
21	10	99 88	40	40	40	14	30	64	8	60	8	8	8	3	3											
21	13	00 26	41	40	39	14	25	80	8	02	1	8	8	8	5	5										
21	16	00 51	41	38	33	14	15	81	8	02	1	8	8	8	5	5										
21	19	01 01	41	38	33	18	05	81	6	01	1	8	8	8	0	0										
21	22	01 15	38	37	35	00	00	80	7	50	5	8	6	5	3											
22	01	01 21	39	38	37	25	07	80	8	02	5	7	6	5	3											
22	04	01 20	39	38	37	20	17	64	8	19	5	7	6	5	3											
22	07	01 13	41	39	36	27	24	40	8	60	8	8	7	4	4											
22	10	01 13	41	41	41	27	25	40	8	60	8	8	7	4	4											
22	13	00 95	42	41	40	27	26	80	8	10	6	8	5	4	4											
22	16	00 83	42	41	40	27	27	81	8	10	2	8	5	4	4											
22	19	00 73	42	41	40	28	23	40	8	51	5	8	7	3	3											
22	22	00 65	42	42	42	27	24	40	8	10	5	8	7	4	6											
23	01	00 39	42	42	42	28	22	08	8	51	5	8	7	3	3											
23	04	00 18	43	43	43	29	14	08	8	63	6	8	7	3	3											
23	07	99 95	43	43	43	30	16	08	8	63	6	8	7	3	3											
23	10	99 88	42	41	40	25	24	16	8	53	6	8	7	3	3											
23	13	99 78	44	40	34	28	22	81	2	02	1	8	8	5	5											
23	16	99 69	44	42	39	29	23	81	5	01	1	4	7	4	4											
23	19	99 74	44	43	42	29	23	80	7	20	6	6	7	4	4											
23	22	99 61	44	43	42	29	17	40	8	60	6	8	7	4	4											
24	01	99 48	44	43	42	30	20	80	7	25	8	7	8	4	7											
24	04	99 24	43	43	43	31	18	40	8	50	5	8	7	4	7											
24	07	98 80	43	43	43	33	22	16	8	61	5	8	7	4	7											
24	10	97 99	45	45	45	35	25	08	8	61	6	8	7	3	8											
24	13	97 73	46	46	46	32	26	12	8	61	6	8	7	3	7											
24	16	97 63	46	46	46	31	30	12	8	61	6	8	7	3	7											
24	19	97 60	46	45	44	31	25	16	8	61	6	8	7	4	7											
24	22	97 68	43	43	43	18	04	16	8	61	6	8	7	4	7											
25	01	97 75	42	41	40	16	16	16	8	61	6	8	7	4	9											
25	04	97 73	39	39	39	15	30	12	8	63	5	8	7	4	9											
25	07	97 86	38	38	38	16	32	16	8	63	6	8	7	4	4											
25	10	98 01	36	36	36	16	33	16	8	63	6	8	7	4	4											
25	13	98 13	36	36	36	16	34	80	8	02	6	8	6	4	4											
25	16	98 41	34	34	34	26	16	80	8	02	6	8	5	5	5											
25	19	98 68	34	34	34	26	15	80	8	02	6	8	5	5	5											
25	22	99 00	37	35	25	17	18	80	8	02	2	8	5	5	4											
26	01	99 23	37	33	25	18	12	80	8	02	2	8	5	5	4											
26	04	99 42	36	34	26	16	12	80	8	02	2	8	5	5	4											
26	07	99 57	36	34	26	18	04	81	7	01	2	7	5	5	4											
26	10	99 54	41	38	33	25	07	81	7	03	1	7	5	5	5											
26	13	99 30	42	39	34	31	09	80	8	02	2	7	5	5	5											
26	16	99 16	43	40	35	32	17	81	7	02	2	7	5	5	5											
26	19	98 90	42	40	37	34	18	81	4	01	1	6	4	3	0											
26	22	98 62	44	41	37	34	18	81	2	01	1	6	4	3	0											
27	01	98 52	43	42	41	34	15	24	8	61	6	8	7	4	8											
27	04	98 47	43	42	41	34	15	24	8	61	6	8	7	4	8											
27	07	98 82	40	38	35	26	20	80	6	02	6	8	8	4	0											
27	10	99 12	43	39	33	26	18	81	7	02	1	6	8	4	0											
27	13	99 44	43	38	30	25	08	81	7	15	8	7	2	4	0											
27	16	00 08	42	38	31	26	08	82	7	02	6	6	2	4	0											
27	19	00 08	40	36	29	26	08	82	6	02	6	6	2	4	0											
27	22	00 38	39	36	31	27	14	82	4	02	4	8	5	5	0											

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF MARCH 1952

Table 40 contd.

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		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE	HIGH	LOW					MIDDLE	HIGH		DIRECTION	SPEED	Hours
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
28	01	0054	40	36	29	6	15	81	4	02	1	4	8	5	0	0	5									
28	04	0072	41	36	27	26	14	81	4	02	1	4	8	5	0	0	5									
28	07	0079	41	39	36	27	09	80	8	02	2	8	8	7	4	0	5									
28	10	0078	43	41	38	31	03	80	8	10	2	8	8	6	4	0	5									
28	13	0048	44	44	44	32	10	04	9	47	4	9	9	4	0	0	5									
28	16	0040	44	44	44	29	18	06	8	61	4	8	7	1	1	1	5									
28	19	0045	45	44	43	27	17	08	8	10	5	8	6	6	2	2	6			45	40	0000	373	26	30	015
28	22	0056	44	44	44	27	16	24	8	10	2	8	6	2	2	2	6									
29	01	0067	44	44	44	7	15	06	8	55	5	8	7	2	2	2	6									
29	04	0080	42	42	42	27	04	04	9	45	5	9	9	0	0	0	6									
29	07	0093	41	41	41	00	00	08	8	10	4	8	6	2	2	2	6									
29	10	0098	43	43	43	30	05	01	9	47	4	9	0	0	0	0	6									
29	13	0084	44	44	44	29	05	08	8	63	4	8	7	0	0	0	6									
29	16	0068	44	44	44	1	02	01	9	47	4	9	0	0	0	0	6									
29	19	0057	44	44	44	33	09	16	8	10	4	8	5	5	0	0	6									
29	22	0032	45	45	45	32	16	01	9	47	4	9	0	0	0	0	6			45	41	0006	400	33	35	000
30	01	0010	45	45	45	31	20	01	9	45	4	9	0	0	0	0	6									
30	04	9985	45	45	45	32	08	00	9	47	6	9	0	0	0	0	6									
30	07	9945	45	45	45	34	16	02	9	43	4	9	0	0	0	0	6									
30	10	9905	47	47	47	34	20	01	9	45	4	9	0	0	0	0	6									
30	13	9884	46	46	46	32	28	06	8	10	4	8	6	2	2	2	6									
30	16	9943	45	44	43	29	28	48	8	10	2	8	6	5	4	4	6									
30	19	9969	45	44	43	51	20	00	8	10	2	8	6	5	4	4	6									
30	22	9981	45	45	45	50	15	32	8	50	2	8	6	7	4	4	6									
31	01	9972	45	45	45	32	12	08	8	60	2	8	7	2	2	2	7									
31	04	9969	44	44	44	32	12	16	8	62	6	8	7	2	2	2	7									
31	07	9994	44	45	42	28	15	48	7	10	6	7	7	3	3	3	6									
31	10	0025	44	43	40	28	20	80	5	01	1	1	1	4	4	4	6									
31	13	0043	45	45	40	29	20	81	4	02	2	2	4	4	4	4	6									
31	16	0051	44	45	42	30	15	81	8	10	2	8	6	5	4	4	6									
31	19	0046	44	45	42	31	12	81	8	02	2	8	6	5	4	4	6									
31	22	0034	43	42	41	33	06	40	8	60	6	8	0	5	5	2	7			45	43	0007	317	28	28	064

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF APRIL 1952

Table 40 contd.

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		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE					HIGH	DIRECTION		SPEED	Hours	
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	"x10	Kts.	Hours		
01	01	99901	43	43	43	34	02	16	8	58	6	8	7	4														
01	04	99959	43	43	43	00	00	08	8	51	5	8	7	3														
01	07	99959	43	43	43	00	00	10	8	10	5	8	7	3														
01	10	99937	44	44	44	00	00	12	8	53	5	8	7	2														
01	13	98668	43	43	43	14	12	12	8	63	6	8	7	2														
01	16	9825	41	41	41	15	22	16	8	65	6	8	7	3														
01	19	9810	37	37	37	15	30	08	8	63	6	8	7	3														
01	22	9851	38	35	30	17	22	32	8	50	6	8	7	5							44	36	0013	541	16	48	000	
02	01	98992	39	35	28	17	16	40	5	02	5	8	5	0	0	0	0	0	0	0								
02	04	9932	37	35	32	23	20	80	6	84	8	6	3	4														
02	07	99661	37	34	29	26	20	80	8	85	8	8	8	4														
02	10	99661	39	34	24	26	15	81	8	02	8	8	8	6														
02	13	99338	39	37	34	30	15	81	8	61	8	8	5	4														
02	16	98933	40	40	40	34	14	80	8	60	6	8	7	3														
02	19	9867	40	37	32	26	20	80	8	21	6	8	8	7	3													
02	22	9884	40	38	35	27	22	80	8	21	6	8	7	3														
03	01	9842	41	40	39	00	00	80	8	20	5	8	5	5														
03	04	9800	40	39	38	10	13	32	8	61	6	8	7	4														
03	07	9776	40	38	35	12	17	80	8	21	6	8	7	5	2													
03	10	9797	40	37	29	15	17	80	8	02	8	8	5	5														
03	13	9834	40	37	32	17	12	80	8	02	8	7	5	5														
03	16	9871	39	36	31	21	16	81	8	02	7	7	5	5														
03	19	9904	39	35	28	23	18	81	8	01	3	3	5	5	3	0	0	0	0									
03	22	9916	40	36	29	26	26	80	3	02	1	3	8	5	0	0	0	0	0									
04	01	9908	39	37	34	27	15	81	6	80	8	6	8	5	0	0	0	0	0									
04	04	9865	39	36	37	31	20	16	8	60	6	8	7	4														
04	07	9814	40	39	38	32	16	24	8	63	6	8	7	4														
04	10	9786	41	41	41	28	26	16	8	63	6	8	7	3														
04	13	9822	41	38	33	18	13	80	7	02	8	8	7	8														
04	16	9845	39	37	34	17	08	81	7	02	8	8	8	4														
04	19	9874	38	35	30	22	25	81	7	02	8	7	5	5														
04	22	9892	38	36	33	27	22	81	4	02	2	4	8	5	0	0	0	0	0									
05	01	9871	38	37	35	28	22	40	5	02	8	5	8	5	0	0	0	0	0									
05	04	9800	38	36	38	31	26	40	8	60	6	8	7	4														
05	07	9783	42	40	37	27	37	80	7	02	8	5	7	8														
05	10	9799	43	41	38	35	30	80	7	02	8	8	7	8														
05	13	9826	40	38	35	35	38	80	6	66	6	8	6	4														
05	16	9850	42	39	38	34	38	80	6	66	6	8	6	4														
05	19	9864	41	39	35	34	19	80	6	66	6	8	7	4														
05	22	9864	42	40	37	35	25	40	7	10	8	5	7	5														
06	01	9870	42	40	37	27	19	48	8	02	5	8	7	4														
06	04	9845	41	40	36	22	22	80	8	20	5	7	7	4	2													
06	07	9809	41	39	36	17	17	81	8	02	2	7	8	5														
06	10	9809	41	40	40	20	23	80	8	60	2	8	7	8														
06	13	9825	41	38	35	30	30	80	8	15	8	8	2	4														
06	16	9850	42	39	37	27	24	80	7	25	8	3	8	4														
06	19	9970	42	40	37	27	23	81	7	03	8	1	5	4														
06	22	9970	43	41	38	29	29	81	8	02	2	1	5	4														
07	01	9960	42	41	40	29	25	40	8	62	2	8	7	4														
07	04	9953	44	43	42	30	22	64	7	01	6	7	4	4														
07	07	9941	44	44	44	29	25	80	7	01	5	3	5	4	2													
07	10	9942	45	44	44	30	22	80	8	05	2	2	6	4														
07	13	9944	45	44	44	30	21	40	8	02	2	3	6	4														
07	16	9940	44	44	44	31	21	40	8	02	2	1	6	5														
07	19	9941	44	44	44	31	16	80	7	02	2	2	6	5														
07	22	9934	44	44	44	31	11	02	9	47	4	9	9	0														
08	01	9924	42	42	42	32	22	02	9	45	4	9	0	0														
08	04	9908	44	44	44	32	28	40	8	10	4	8	6	3														
08	07	9890	45	45	45	32	30	40	8	60	2	8	6	3														
08	10	9876	46	45	44	31	37	40	8	21	6	8	7	3														
08	13	9820	47	46	46	33	45	24	8	61	6	8	7	3														
08	16	9801	47	47	47	32	43	24	8	53	6	8	7	3														
08	19	9826	46	45	44	30	38	24	8	21	6	8	7	3														
08	22	9887	42	41	40	26	12	64	8	02	3	8	5	5														
09	01	9882	41	40	39	00	00	40	8	02	2	8	5	5														
09	04	9870	40	40	40	33	03	24	8	61	6	8	7	3														
09	07	9878	39	39	39	00	00	83	8	02	6	8	5	4														
09	10	9879	40	40	38	31	04	81	8	03	2	2	4	4	2													
09	13	9872	42	41	41	34	10	81	8	05	2	6	5	4														
09	16	9864	42	41	40	29	23	81	8	25	8	3	8	4														
09	19	9903	41	40	39	26	15	81	3	01	1	3	5	4														
09	22	9958	40	39	38	26	21	80	3	02	1	8	4	4														

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF APRIL 1952																										
DAY	HOUR	STATION SLAVE 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		SUNSHINE	
						DIRECTION	SPEED					OKtas	CL	h	CM	CH	LOW	MIDDLE					HIGH	DIRECTION		SPEED
	LST.	Mbs.	°F	°F	°F	*x10	Kts.	VV	Okas	ww	W	Okas	CL	h	CM	CH	CL	CM	CH	°F	°F	Points	Miles	*x10	Kts.	Hours
10	01	99887	41	39	36	28	22	82	3	02	1	3	8	4	0	0	6									
10	04	99992	41	39	36	28	20	82	2	02	1	1	1	2	0	0	6									
10	07	99996	42	41	40	33	10	80	7	80	1	1	7	8	4	4	7	7	9							
10	10	99886	41	40	36	34	08	81	8	02	2	1	1	5	4	7	7	9								
10	13	99967	41	40	39	11	03	82	8	02	2	1	1	5	4	3	2	8	9							
10	16	99975	41	40	39	09	02	82	8	02	2	2	7	5	5	5	7	7	7							
10	19	99978	41	41	41	34	16	40	8	60	8	6	5	5	5	0	0	7		43	41	0010	421	27	43	015
10	22	00076	40	37	32	27	28	80	6	01	8	6	5	5	0	0										
11	01	0020	42	38	31	28	28	81	8	03	1	8	5	5												
11	04	0035	40	38	35	27	30	80	7	80	1	7	8	5	5											
11	07	0069	40	38	32	27	26	82	7	02	1	7	8	5	5											
11	10	0089	41	40	36	25	23	80	8	02	5	8	8	5	5											
11	13	0093	43	41	38	27	17	81	7	01	2	3	5	5	5	3		6								
11	16	0096	43	43	43	31	12	64	8	25	8	6	8	5	5											
11	19	0086	43	43	43	32	20	81	8	02	2	6	8	5	5											
11	22	0078	44	44	43	32	21	81	8	02	5	6	6	3						44	39	0002	462	27	48	003
12	01	0054	44	44	44	32	23	40	8	51	5	8	6	3												
12	04	0032	45	45	45	31	29	40	8	02	5	8	6	3												
12	07	0026	45	45	44	32	30	40	8	61	6	8	7	3												
12	10	0032	45	45	44	32	30	40	8	63	6	8	0	2	2											
12	13	0054	44	44	44	28	05	80	8	05	8	8	5	5												
12	16	0077	42	42	42	15	08	80	8	05	8	8	6	2												
12	19	0100	41	40	39	15	04	81	8	02	2	7	6	3	3											
12	22	0119	41	40	35	15	16	82	6	02	2	3	6	3	0					46	40	0006	581	31	41	000
13	01	0126	41	38	33	14	16	82	8	02	2	0	0	9	7											
13	04	0130	40	39	38	14	14	81	8	02	2	0	0	9	1											
13	07	0139	40	40	39	15	14	32	8	10	2	8	6	2												
13	10	0142	41	40	39	15	10	16	8	46	2	8	6	2												
13	13	0136	41	41	41	13	11	40	8	02	4	8	6	2												
13	16	0126	40	40	40	13	13	80	8	02	2	8	5	3												
13	19	0118	40	39	38	13	19	80	7	02	2	3	5	4	0		6									
13	22	0108	40	38	35	13	19	81	8	02	2	1	5	4	3		3			42	39	0006	384	13	24	000
14	01	0090	41	39	36	12	16	81	5	02	2	1	5	4	7		0									
14	04	0085	38	36	33	18	05	82	3	01	2	0	0	9	3		0									
14	07	0073	37	36	34	15	05	82	6	02	2	3	5	5	0		6									
14	10	0062	41	40	40	27	12	32	8	50	2	8	6	2												
14	13	0030	42	42	42	28	14	81	8	20	5	8	5	5												
14	16	0003	43	43	43	27	19	64	8	61	5	8	7	4												
14	19	0041	39	37	34	18	20	64	7	61	6	7	8	4												
14	22	0081	39	35	28	17	20	64	8	05	8	8	5	5						44	36	0001	392	18	47	000
15	01	0101	38	35	30	25	10	80	8	02	2	8	5	5												
15	04	0099	40	38	35	27	18	81	8	02	2	8	5	5												
15	07	0074	42	40	37	29	29	80	8	02	2	8	8	5												
15	10	0064	43	41	38	28	30	80	8	02	2	8	8	5												
15	13	0053	40	39	38	26	30	81	7	25	2	7	8	5												
15	16	0065	42	39	34	26	31	81	7	25	8	7	8	5												
15	19	0089	42	39	34	25	32	80	8	80	8	8	8	5												
15	22	0114	42	38	31	25	30	81	7	02	8	7	8	5						44	38	0016	436	29	54	005
16	01	0132	41	38	33	26	27	81	8	02	8	8	8	5												
16	04	0138	42	39	34	26	27	81	8	02	2	8	8	5												
16	07	0139	41	40	39	27	22	81	8	02	2	8	5	5												
16	10	0131	41	40	39	29	16	80	8	05	2	8	5	4												
16	13	0107	43	42	41	29	25	80	8	02	8	8	5	4												
16	16	0095	43	42	41	29	23	80	8	02	2	8	6	4												
16	19	0077	43	43	43	29	23	80	8	02	8	8	6	4												
16	22	0066	44	44	44	29	23	40	8	51	5	8	6	2						44	40	0001	675	27	44	000
17	01	0067	44	44	44	29	28	16	8	61	6	8	0	3	2											
17	04	0064	44	44	44	29	27	48	8	05	5	8	0	3												
17	07	0067	44	44	44	29	22	24	8	61	6	8	0	3	2											
17	10	0069	41	40	39	22	15	48	8	61	6	8	6	2												
17	13	0088	38	36	38	26	17	40	8	61	6	8	8	4												
17	16	0108	40	36	29	27	22	80	6	25	8	5	2	4	3		0									
17	19	0145	37	35	25	25	05	81	7	01	2	7	2	5												
17	22	0165	36	32	24	27	03	81	8	03	2	8	5	5						45	35	0005	544	27	39	003
18	01	0176	36	32	24	27	10	81	8	02	2	8	5	8												
18	04	0170	36	33	27	25	12	81	8	02	2	8	5	5												
18	07	0161	37	34	29	27	20	81	8	02	2	8	5	5												
18	10	0153	37	35	29	27	23	81	8	02	2	8	5	5												
18	13	0132	38	36	33	28	25	80	8	02	2	8	5	5												
18	16	0116	39	36	33	28	25	80	8	02	2	8	5	5												
18	19	0109	39	37	37	27	25	80	8	02	2	8	5	5												
18	22	0094	40	38	36	29	27	81	8	02	2	8	5	5						40	35	0014	335	29	35	000

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF APRIL 1952

Table 40 contd.

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		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED	Hours
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	*x10	Kts.	Hours
19	01	0081	39	38	35	29	30	8	8	02	NN	8	5	4						42	38	0000	596	29	40	000
19	04	0071	40	38	35	29	30	8	8	02	NN	8	5	4												
19	07	0063	40	39	35	28	30	8	8	02	NN	8	5	4												
19	10	0059	40	40	40	28	30	8	8	05	NN	8	5	4												
19	13	0044	41	41	41	28	30	8	8	15	NN	8	5	4												
19	16	0035	42	41	40	27	30	8	8	16	NN	8	5	4												
19	19	0044	42	40	40	25	30	8	8	50	NN	8	5	4												
19	22	0043	39	37	34	27	30	8	7	02	NN	8	5	4												
20	01	0033	39	36	31	26	33	8	3	01	1	3	5	4												
20	04	0020	40	38	35	26	33	8	2	01	1	3	5	4												
20	07	0005	41	40	39	29	35	8	8	00	NN	8	5	4												
20	10	9996	43	42	41	27	36	8	8	00	NN	8	5	4												
20	13	9996	43	42	41	27	36	8	8	00	NN	8	5	4												
20	16	9996	43	42	41	27	36	8	8	00	NN	8	5	4												
20	19	0025	38	36	33	25	35	8	6	00	NN	8	5	4												
20	22	0028	39	35	28	26	32	8	6	00	NN	8	5	4												
21	01	0021	39	36	30	27	33	8	3	01	1	3	5	4												
21	04	0009	40	38	33	29	30	8	7	02	NN	8	5	4												
21	07	0008	40	40	40	30	30	8	8	05	NN	8	5	4												
21	10	9997	41	41	41	29	30	8	8	05	NN	8	5	4												
21	13	9996	42	41	40	28	30	8	8	05	NN	8	5	4												
21	16	9992	43	42	41	29	32	8	8	05	NN	8	5	4												
21	19	9997	43	43	43	30	32	8	8	05	NN	8	5	4												
21	22	0000	44	43	42	28	36	8	8	05	NN	8	5	4												
22	01	9996	44	43	42	29	24	8	8	61	NN	8	5	4												
22	04	9994	44	43	42	29	28	8	8	02	NN	8	5	4												
22	07	9976	44	44	44	29	28	8	8	02	NN	8	5	4												
22	10	9972	44	44	44	31	30	8	8	02	NN	8	5	4												
22	13	9935	44	44	43	31	33	8	8	05	NN	8	5	4												
22	16	9900	44	43	42	30	38	8	8	02	NN	8	5	4												
22	19	9905	39	39	37	26	22	8	8	53	NN	8	5	4												
22	22	9921	38	36	32	27	28	8	3	01	2	3	5	4												
23	01	9933	38	35	30	26	25	8	4	83	1	4	8	4												
23	04	9938	34	34	34	25	32	8	8	85	NN	8	8	4												
23	07	9955	36	34	30	26	32	8	5	15	NN	8	4	8	4											
23	10	9961	38	35	25	27	28	8	6	15	NN	8	6	2	2											
23	13	9951	37	35	32	29	30	8	7	35	NN	8	3	2	2											
23	16	9935	38	35	30	27	32	8	7	25	NN	8	6	2	2											
23	19	9940	35	32	26	26	30	8	1	27	NN	8	1	4	2											
23	22	9959	35	32	23	28	30	8	1	26	NN	8	4	2	5											
24	01	9952	35	35	29	27	40	8	8	86	NN	8	8	4												
24	04	9958	34	30	22	26	40	8	3	02	NN	8	3	8	4											
24	07	9983	36	35	27	27	30	8	7	26	NN	8	7	8	4											
24	10	9972	36	35	33	28	30	8	7	26	NN	8	7	8	4											
24	13	9962	35	34	32	27	31	8	6	26	NN	8	5	8	4											
24	16	9959	34	35	33	25	35	8	6	26	NN	8	4	4												
24	19	9900	33	35	32	20	40	8	2	26	NN	8	2	2	4											
24	22	9927	36	35	33	26	22	8	4	26	NN	8	4	2	4											
25	01	0018	39	38	34	28	22	8	8	80	NN	8	2	5												
25	04	0001	41	41	41	29	40	8	8	60	NN	8	8	7	4											
25	07	9996	42	42	42	29	29	8	8	02	NN	8	8	7	3											
25	10	9980	43	42	41	29	28	8	8	50	NN	8	8	5	3											
25	13	9946	45	43	43	30	30	8	8	53	NN	8	8	5	5											
25	16	9906	43	42	41	30	28	8	8	02	NN	8	8	5	5											
25	19	9876	43	45	42	30	16	8	8	61	NN	8	8	5	5											
25	22	9853	40	40	39	28	30	8	8	61	NN	8	7	7	2											
26	01	9864	39	36	31	26	29	8	1	25	NN	8	1	2	4											
26	04	9841	40	37	35	30	22	8	4	03	NN	8	1	4	4											
26	07	9798	39	37	34	29	33	8	6	25	NN	8	6	8	4											
26	10	9814	40	37	32	27	44	8	7	02	NN	8	2	2	2											
26	13	9838	39	37	34	27	37	8	8	26	NN	8	6	6	5											
26	16	9864	39	36	31	27	30	8	5	02	NN	8	5	5	5											
26	19	9877	40	38	33	28	30	8	1	01	NN	8	1	4	4											
26	22	9873	41	38	33	29	22	8	8	03	NN	8	1	8	8											
27	01	9792	40	40	40	31	30	8	8	6	NN	8	7	2												
27	04	9840	37	36	35	26	16	8	8	51	NN	8	8	5	5											
27	07	9897	37	36	34	26	25	8	6	6	NN	8	6	6	7											
27	10	9935	40	37	32	27	21	8	4	16	NN	8	6	6	8											
27	13	9953	40	37	32	28	20	8	8	03	NN	8	4	4	4											
27	16	9961	40	38	35	30	19	8	8	02	NN	8	2	2	5											
27	19	9961	41	40	37	31	20	8	8	02	NN	8	2	2	5											
27	22	9965	40	40	38	30	17	8	8	66	NN	8	4	4	4											

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF MAY 1952

Table 40 contd.

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		SUNSHINE
		Mbs.	"F				DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE	HIGH	LOW	MIDDLE					HIGH	"x10	
LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
10	01	99	38	36	31	22	08	7	0	0	0	0	0	0	0	0	0	0							
10	04	99	38	36	31	22	08	7	0	0	0	0	0	0	0	0	0	0							
10	07	99	41	39	36	27	10	8	0	0	0	0	0	0	0	0	0	0							
10	10	98	41	41	41	28	10	8	0	0	0	0	0	0	0	0	0	0							
10	13	98	42	42	41	28	10	8	0	0	0	0	0	0	0	0	0	0							
10	16	98	44	44	43	28	10	8	0	0	0	0	0	0	0	0	0	0							
10	19	98	43	40	40	28	10	8	0	0	0	0	0	0	0	0	0	0							
10	22	98	43	40	36	28	10	8	0	0	0	0	0	0	0	0	0	0	45	38	0011	444	29	46	010
11	01	99	42	40	37	22	08	7	0	0	0	0	0	0	0	0	0	0							
11	04	99	41	39	36	22	08	7	0	0	0	0	0	0	0	0	0	0							
11	07	99	41	39	37	22	08	7	0	0	0	0	0	0	0	0	0	0							
11	10	99	36	36	36	28	10	8	0	0	0	0	0	0	0	0	0	0							
11	13	00	35	35	30	27	10	8	0	0	0	0	0	0	0	0	0	0							
11	16	00	35	35	31	27	10	8	0	0	0	0	0	0	0	0	0	0							
11	19	00	37	35	35	27	10	8	0	0	0	0	0	0	0	0	0	0							
11	22	00	38	36	32	27	10	8	0	0	0	0	0	0	0	0	0	0	43	36	0006	610	25	55	014
12	01	00	38	38	37	27	22	6	8	2	5	8	6	8	8	4	4	4							
12	04	00	40	39	39	22	26	8	8	2	5	8	8	8	8	4	4	4							
12	07	00	40	40	40	27	31	4	8	2	5	8	8	8	8	4	4	4							
12	10	00	37	36	34	27	27	8	8	2	5	8	8	8	8	4	4	4							
12	13	00	35	35	34	27	32	8	8	2	5	8	8	8	8	4	4	4							
12	16	00	33	33	33	27	30	8	8	2	5	8	8	8	8	4	4	4							
12	19	00	37	35	35	27	30	8	8	2	5	8	8	8	8	4	4	4							
12	22	01	34	34	34	27	30	8	8	2	5	8	8	8	8	4	4	4	41	33	0009	758	27	53	004
13	01	01	38	35	30	27	26	8	8	2	2	8	8	8	8	4	4	4							
13	04	01	38	35	30	27	28	8	8	2	2	8	8	8	8	4	4	4							
13	07	01	38	36	30	28	28	8	8	2	2	8	8	8	8	4	4	4							
13	10	01	37	37	37	28	28	8	8	2	2	8	8	8	8	4	4	4							
13	13	00	39	39	39	30	30	8	8	2	2	8	8	8	8	4	4	4							
13	16	00	39	39	39	26	24	8	8	2	2	8	8	8	8	4	4	4							
13	19	01	38	38	38	27	28	7	8	2	2	8	8	8	8	4	4	4							
13	22	01	38	36	35	25	15	6	8	3	8	6	8	8	3	0	0	5	41	35	0010	473	25	55	000
14	01	01	37	36	34	23	08	8	6	2	8	6	8	3	0	0	5								
14	04	01	37	36	35	23	10	8	6	2	2	6	8	3	0	0	5								
14	07	01	37	36	34	22	10	8	7	5	2	7	5	5	4	4	4								
14	10	02	38	37	36	24	16	7	7	5	6	5	6	5	4	4	4								
14	13	02	38	38	38	22	10	7	7	5	5	7	5	3	3	3	3								
14	16	02	35	37	36	18	18	8	2	0	5	6	7	4	4	4	4								
14	19	02	37	36	34	16	06	1	8	0	5	5	1	6	3	3	3								
14	22	02	37	36	34	17	02	8	0	3	1	8	5	5	5	0	4		39	35	0010	445	23	37	016
15	01	02	35	35	32	00	00	4	0	1	1	2	5	5	3	0	4								
15	04	02	35	35	35	19	01	7	23	1	7	5	5	5	4	4	4								
15	07	02	35	35	34	00	00	6	20	5	8	5	5	4	4	4	4								
15	10	02	37	37	37	27	05	3	0	1	1	1	1	1	1	1	1								
15	13	02	37	37	37	26	12	7	0	3	1	1	1	1	1	1	1								
15	16	02	35	35	35	25	12	8	0	5	2	8	5	2	2	2	2								
15	19	02	35	35	35	25	14	8	0	5	5	8	5	3	3	3	3								
15	22	02	35	35	35	25	12	7	7	10	2	7	6	6	3	3	3		38	34	0003	196	23	32	014
16	01	02	37	36	35	26	08	8	50	5	8	6	3	3	6	6	6								
16	04	01	36	36	36	27	11	8	51	5	8	6	3	3	6	6	6								
16	07	01	36	36	36	27	08	8	15	5	5	6	3	5	1	9	9								
16	10	01	37	36	33	23	02	8	0	2	2	8	5	4	4	4	4								
16	13	01	35	35	34	26	08	8	20	2	8	5	3	3	3	3	3								
16	16	01	34	34	31	24	02	7	20	5	3	5	3	3	0	6	5								
16	19	01	35	35	34	00	00	8	0	5	2	8	5	4	4	4	4								
16	22	01	34	34	31	00	00	7	0	5	1	7	5	4	4	4	4		37	33	0002	274	27	23	000
17	01	00	35	35	35	00	00	7	51	5	7	5	2	2	4	4	4								
17	04	00	35	35	35	16	02	8	51	8	5	5	2	2	4	4	4								
17	07	00	34	34	32	12	08	6	0	2	5	6	5	5	0	1	6								
17	10	00	34	34	32	00	00	6	0	2	1	2	5	5	5	5	5								
17	13	00	34	34	32	00	00	7	0	3	2	2	2	2	2	2	2								
17	16	00	34	34	32	00	00	8	0	2	1	1	1	1	1	1	1								
17	19	00	35	35	35	12	02	8	0	2	2	2	2	2	2	2	2								
17	22	00	35	35	35	12	00	9	0	2	2	2	2	2	2	2	2		39	33	0003	134	13	13	010
18	01	00	36	34	31	00	00	8	0	2	2	4	5	5	7	7	9								
18	04	00	36	34	31	11	02	8	0	3	2	5	4	4	4	4	4								
18	07	00	37	35	33	10	02	7	0	1	1	1	1	1	1	1	1								
18	10	00	37	35	33	12	08	9	0	2	7	7	5	4	4	4	4								
18	13	00	38	38	38	11	06	8	0	2	7	7	5	4	4	4	4								
18	16	00	38	38	38	11	06	8	0	2	7	7	5	4	4	4	4								
18	19	00	38	38	38	13	12	8	0	2	7	7	5	4	4	4	4								
18	22	00	38	38	38	16	04	9	0	2	7	7	5	4	4	4	4		39	36	0000	216	13	18	000

Table 40 contd.

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF MAY 1952

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD		HEIGHT	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANELOMETER	MAXIMUM GUST		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE		MIDDLE	HIGH	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	°F	°F	°F	°x10	Kts.	VV	Okts	ww	W	Okts	CL	h	Cm	Ch	CL	Cm	Ch	°F	°F	Points	Miles	°x10	Kts.	Hours
19	01	98888	39	39	39	16	05	08	8	10	5	8	5	5												
19	04	98778	38	38	38	16	08	04	8	44	4	8	8	2												
19	07	98800	37	36	34	16	16	80	8	28	4	5	5	7												
19	10	98777	37	36	33	15	10	81	8	02	2	7	7													
19	13	98711	37	35	32	15	10	81	8	02	2	7	7													
19	16	98668	36	35	33	15	09	81	8	02	2	8	8													
19	19	98755	36	34	32	00	00	81	8	02	2	8	8													
19	22	98744	34	32	29	00	00	81	6	01	8	6	5	0						40	34	0005	331	13	19	000
20	01	98666	35	34	31	28	12	81	2	02	8	2	5	5	0											
20	04	98559	37	36	32	29	12	81	6	02	8	5	5	4	0											
20	07	98577	37	35	32	00	00	81	7	02	2	5	5	4	0											
20	10	98522	36	35	33	34	06	40	8	60	6	8	7	4	2											
20	13	98266	34	33	31	13	04	06	8	73	7	8	7	2	2											
20	16	98222	35	35	35	15	10	16	8	51	7	8	7	2	2											
20	19	98559	35	32	31	17	15	16	8	71	7	8	7	4	2											
20	22	98887	32	31	29	18	12	40	7	70	7	7	5	6						38	30	0005	220	16	33	000
21	01	99077	31	29	25	00	00	64	3	05	8	3	5	6	0											
21	04	99229	30	28	25	19	10	80	3	26	8	3	8	8	0											
21	07	99422	31	29	24	18	06	81	6	03	8	8	8	8	0											
21	10	99588	32	30	26	00	00	82	8	02	2	8	8	5	5											
21	13	99633	31	29	25	25	03	82	6	01	2	6	8	8	0											
21	16	99611	29	28	26	00	00	82	3	02	2	3	5	4	0											
21	19	99611	31	30	28	00	00	82	2	01	1	2	8	8	0											
21	22	99554	33	31	27	30	13	80	8	85	1	8	8	5						34	28	0019	274	31	22	014
22	01	99433	34	33	31	31	20	80	8	85	8	8	8	5	6											
22	04	99411	34	32	28	23	16	81	2	01	8	2	2	4	0											
22	07	99588	32	32	32	25	27	12	8	86	8	8	8	4	0											
22	10	99743	33	32	30	25	12	40	5	85	8	5	8	4	0											
22	13	99766	33	33	32	24	12	80	6	86	8	6	8	4	0											
22	16	00133	32	32	31	18	17	24	8	85	8	8	8	4	0											
22	19	00544	35	32	27	16	28	91	1	01	8	1	5	4	0											
22	22	00999	32	32	32	16	25	16	8	85	8	8	8	4	0					36	30	0003	289	27	45	010
23	01	01122	31	30	28	18	08	81	7	02	8	7	5	4	0											
23	04	01213	33	31	26	18	10	81	7	02	2	7	5	5	0											
23	07	01277	33	32	31	23	04	40	6	80	2	6	8	8	0											
23	10	01288	34	32	28	25	06	82	7	02	2	7	5	5	0											
23	13	01200	35	33	29	23	05	81	4	27	8	3	2	2	3											
23	16	01244	35	33	29	27	04	81	6	15	1	6	5	5	0											
23	19	01233	35	34	32	26	08	81	6	85	8	8	8	0												
23	22	01277	36	35	32	23	05	81	2	87	8	2	4	4	0					37	30	0008	357	20	25	035
24	01	01344	35	34	30	18	10	91	1	01	8	1	2	4	0											
24	04	01522	35	33	29	18	12	81	2	03	1	2	5	4	0											
24	07	01700	35	33	27	16	10	24	8	85	2	8	5	4	0											
24	10	01866	35	34	30	14	20	81	7	26	8	7	8	4	0											
24	13	01899	34	31	25	14	30	82	7	02	8	7	8	5	0											
24	16	01944	35	33	29	13	32	82	8	02	2	6	8	4	0											
24	19	02022	35	33	29	15	30	82	6	02	2	6	5	4	0											
24	22	02011	35	32	25	13	32	81	2	02	1	2	5	5	0					35	32	0007	304	13	38	023
25	01	01799	34	33	31	14	33	81	4	03	1	4	5	4	0											
25	04	01433	34	33	31	14	39	80	8	03	2	8	5	4	0											
25	07	01377	33	33	33	14	37	24	8	73	7	8	7	4	2											
25	10	01022	34	34	34	14	38	16	8	71	7	8	7	4	2											
25	13	00688	37	37	36	13	40	16	8	05	7	8	7	3	3											
25	16	00411	38	38	37	13	35	24	8	05	2	8	6	3	3											
25	19	00177	39	39	38	13	35	16	8	61	6	8	7	3	3											
25	22	00066	40	39	39	13	30	24	8	61	6	8	7	2	2					40	33	0001	768	13	51	000
26	01	99990	40	39	38	12	30	40	8	02	6	8	7	4	2											
26	04	99677	40	39	39	12	28	40	8	05	2	8	7	3	2											
26	07	99522	40	39	38	12	28	81	8	05	2	8	6	2	2											
26	10	99400	40	39	38	13	27	80	8	05	2	8	6	2	2											
26	13	99144	39	39	38	13	33	12	8	21	6	8	6	2	2											
26	16	99177	38	37	35	13	05	80	8	61	6	8	7	2	2											
26	19	99277	39	38	37	11	03	81	3	21	6	3	5	5	0											
26	22	99311	39	38	37	13	10	81	2	05	1	0	9	4	0					40	38	0008	775	13	40	000
27	01	99299	39	38	37	12	15	81	3	03	1	0	9	4	0											
27	04	99366	39	38	37	13	10	81	3	02	1	1	6	4	0											
27	07	99466	39	38	37	14	12	81	8	03	1	8	5	4	0											
27	10	99455	38	37	35	16	12	81	5	01	1	1	5	4	4											
27	13	99355	37	36	34	23	10	82	2	02	1	1	5	4	0											
27	16	99333	36	36	35	16	15	32	8	61	2	8	7	3	2											
27	19	99333	37	37	37	15	22	16	8	61	6	8	7	3	2											
27	22	99337	37	37	37	15	20	16	8	61	6	8	7	2	2					40	36	0005	438	13	29	040

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF MAY 1952

Table 40 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	°F	°F	°F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	°F	°F	Points	Miles	*x10	Kts.	Hours
28	01	99334	38	38	38	14	18	16	8	53	6	8	7	2	2											
28	04	99336	39	38	38	14	20	16	8	51	6	8	7	2	2											
28	07	99422	39	38	38	14	23	40	8	21	6	8	6	2	2											
28	10	99422	39	38	38	14	20	16	8	51	6	8	7	2	2											
28	13	99335	39	38	38	13	21	64	8	05	0	8	6	2	2											
28	16	99277	39	38	38	13	21	40	8	05	0	8	6	2	2											
28	19	99330	39	38	38	11	21	40	8	05	0	8	6	2	2											
28	22	9918	39	38	38	12	23	64	8	05	0	8	7	5	5				39	38	0037	474	13	30	000	
29	01	9915	39	38	36	12	28	80	8	02	6	8	7	3	2											
29	04	9905	38	37	35	11	28	80	8	02	2	0	0	9	2			9								
29	07	9905	38	37	35	11	22	81	8	02	2	0	6	4	7			2								
29	10	9904	38	37	35	12	22	80	8	03	2	3	7	4	7			2								
29	13	9895	37	37	35	15	20	81	8	02	2	3	5	4	7			3								
29	16	9896	37	36	34	14	20	81	8	02	2	7	5	4	3			2								
29	19	9901	35	34	32	16	16	81	7	02	2	7	5	4	4			4								
29	22	9905	34	32	31	17	14	81	7	02	2	7	5	5	5			4								
30	01	9911	35	32	31	18	05	80	8	02	2	8	5	6	4			4								
30	04	9912	34	32	28	18	06	80	8	02	2	8	5	5	4			4								
30	07	9910	34	32	28	18	05	81	7	01	2	3	5	5	9			4								
30	10	9915	32	30	27	21	05	82	6	26	8	6	8	5	5			0								
30	13	9916	31	30	28	22	08	82	6	02	8	6	8	5	5			0								
30	16	9927	29	26	20	24	12	81	6	16	8	6	8	5	5			0								
30	19	9938	27	25	20	25	16	81	4	26	8	4	8	5	0			0								
30	22	9942	27	26	23	24	08	81	7	26	8	7	8	5	5			0								
31	01	9941	31	29	25	25	14	81	7	02	2	7	8	5	5			5								
31	04	9931	32	30	26	26	09	80	8	71	7	8	5	4	4			5								
31	07	9914	36	34	30	27	30	16	8	86	8	8	2	4	6			5								
31	10	9937	31	30	27	24	12	81	5	01	8	5	8	5	5			0								
31	13	9949	34	31	26	26	19	82	8	03	2	8	5	5	5			0								
31	16	9953	33	31	27	26	16	81	8	02	2	8	5	5	5			0								
31	19	9978	33	31	27	25	05	81	8	02	2	8	5	5	6			6								
31	22	9984	33	31	26	00	00	81	7	01	2	7	5	5	6			6								
31	22	9984	33	31	26	00	00	81	7	01	2	7	5	5	6			6								
31	22	9984	33	31	26	00	00	81	7	01	2	7	5	5	6			6								

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF JUNE 1952

Table 40 contd.

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	ANEWOMETER	MAXIMUM GUST		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE	HIGH	DIRECTION					SPEED				
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Okias	ww	W	Okias	CL	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	"x10	Kts.	Hours
01	01		34	33	31	02	80	5	50	5	5	5	4	0	0	6				40	33	0000	285	34	26	000
01	04		35	35	32	08	81	5	02	2	2	2	4	0	0	6										
01	07		35	35	32	12	81	5	02	2	2	2	4	0	0	6										
01	10		35	35	32	13	81	5	26	2	2	2	4	0	0	6										
01	13		35	35	32	13	81	5	15	2	2	2	4	0	0	6										
01	16		35	35	32	13	81	5	15	2	2	2	4	0	0	6										
01	19		35	35	32	13	81	5	25	2	2	2	4	0	0	6										
01	22		35	35	32	13	81	5	25	2	2	2	4	0	0	6										
02	01		39	38	35	00	81	8	02	2	2	2	6	9	9	9										
02	04		40	39	36	00	81	7	01	2	2	2	6	9	9	9										
02	07		40	39	36	03	81	7	02	2	2	2	6	9	9	9										
02	10		40	39	36	07	81	7	02	2	2	2	6	9	9	9										
02	13		41	40	37	07	81	7	02	2	2	2	6	9	9	9										
02	16		41	41	38	07	81	8	02	2	2	2	6	9	9	9										
02	19		41	41	38	12	81	8	02	2	2	2	6	9	9	9										
02	22		41	41	38	10	81	8	51	5	5	5	3	2	2	2										
03	01		42	42	42	35	81	16	51	5	5	5	3	2	2	2										
03	04		42	42	42	35	81	16	51	5	5	5	3	2	2	2										
03	07		42	42	42	36	81	16	51	5	5	5	3	2	2	2										
03	10		42	42	42	36	81	16	51	5	5	5	3	2	2	2										
03	13		42	42	42	36	81	16	51	5	5	5	3	2	2	2										
03	16		42	42	42	36	81	16	51	5	5	5	3	2	2	2										
03	19		43	43	43	36	81	16	51	5	5	5	3	2	2	2										
03	22		43	43	41	08	81	16	51	5	5	5	3	2	2	2										
04	01		42	41	41	08	81	16	10	6	8	7	2	2	2	7										
04	04		41	41	41	00	81	16	10	2	8	2	2	2	2	7										
04	07		42	42	41	00	81	16	05	1	3	5	3	0	7	7										
04	10		42	42	41	27	81	16	02	2	4	6	3	0	6	8										
04	13		43	42	41	04	81	16	02	2	4	6	3	3	3	8										
04	16		43	41	39	34	81	16	15	2	7	7	2	2	2	8										
04	19		43	41	40	35	81	16	50	2	8	5	3	0	6	8										
04	22		42	41	40	36	81	16	02	2	0	0	0	6	9	9										
05	01		42	41	40	03	81	16	03	1	0	0	0	7	6	9										
05	04		43	42	41	36	81	16	03	2	0	0	0	7	6	9										
05	07		43	42	41	36	81	16	50	6	6	6	4	8	8	9										
05	10		43	42	41	34	81	16	61	6	6	7	3	2	2	8										
05	13		42	41	40	36	81	16	61	6	6	7	3	2	2	8										
05	16		40	40	40	14	81	16	61	6	6	7	3	2	2	8										
05	19		41	41	41	00	81	16	46	6	8	6	2	2	2	8										
05	22		40	40	40	26	81	16	02	4	7	6	2	2	2	6										
06	01		37	37	37	27	81	7	20	5	7	2	2	0	1	6										
06	04		37	37	35	11	81	7	02	2	1	6	2	0	6	9										
06	07		37	37	34	20	81	7	40	2	5	2	2	0	6	9										
06	10		37	37	36	23	81	7	05	2	3	6	2	0	6	9										
06	13		38	38	35	24	81	7	15	2	4	5	3	1	4	4										
06	16		37	37	36	00	81	7	05	2	8	5	3	5	5	9										
06	19		36	36	34	00	81	7	02	2	1	5	4	3	5	9										
06	22		36	35	33	27	81	7	01	2	2	5	5	3	6	6										
07	01		36	35	33	00	81	7	02	2	7	5	4	0	6	6										
07	04		36	35	33	25	81	7	02	2	2	8	5	4	4	6										
07	07		36	35	33	00	81	7	02	2	2	8	5	4	4	6										
07	10		36	35	33	00	81	7	02	2	2	8	5	4	4	6										
07	13		35	34	32	22	81	6	02	2	0	0	0	0	0	6										
07	16		35	34	32	00	81	6	02	2	0	0	0	0	0	6										
07	19		35	34	31	20	81	6	02	2	0	0	0	0	0	6										
07	22		34	33	33	20	81	8	02	2	1	1	5	4	0	8										
08	01		35	34	32	24	81	8	02	2	1	5	4	0	7	5										
08	04		35	34	32	25	81	8	03	1	6	5	4	0	8	5										
08	07		35	34	30	24	81	7	03	2	7	7	5	4	4	6										
08	10		35	35	33	24	81	7	50	2	8	5	4	4	4	6										
08	13		35	35	33	24	81	7	50	2	8	5	4	4	4	6										
08	16		35	35	34	22	81	7	02	2	7	7	3	3	3	5										
08	19		35	35	33	24	81	7	02	2	5	5	4	4	4	6										
08	22		35	35	34	24	81	6	02	2	6	6	5	2	0	7										
09	01		36	35	33	24	81	8	02	2	8	5	2	5	5	9										
09	04		35	35	34	23	81	8	20	5	6	5	3	0	8	9										
09	07		35	35	35	21	81	8	50	5	8	5	3	0	8	9										
09	10		35	35	35	24	81	7	50	5	5	5	2	0	1	9										
09	13		35	35	35	24	81	8	03	2	6	5	2	0	2	9										
09	16		35	35	34	00	81	8	02	2	4	6	2	0	0	4										
09	19		36	36	35	15	81	8	51	2	8	6	2	0	6	4										
09	22		35	35	35	15	81	7	50	5	5	6	2	0	4	4										

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF JUNE 1952																											
Table 40 contd.																											
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		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	LOW	MIDDLE					HIGH	DIRECTION		SPEED	Hours	
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	*x10	Kts.	Hours	
10	01	99 02	35	35	35	15	10	40	8	52	5	8	6	3			3										
10	04	99 17	35	35	34	16	10	40	8	50	5	8	3	6	7		4										
10	07	99 40	36	36	35	16	18	80	8	50	5	8	5	5	3		4										
10	10	99 57	36	36	36	16	21	80	8	20	5	8	6	5	3		4										
10	13	99 83	36	36	35	16	20	64	8	15	7	8	8	5	3		3										
10	16	00 12	36	35	33	15	25	81	8	02	2	8	8	5	4												
10	19	00 44	37	35	32	16	21	81	3	02	1	0	0	0	5												
10	22	00 76	36	36	36	16	18	80	7	50	5	7	5	4													
11	01	01 00	36	36	35	17	10	64	7	20	5	7	5	3													
11	04	01 16	36	35	35	15	19	40	8	50	5	8	6	2													
11	07	01 42	35	35	32	15	07	81	4	01	1	4	5	5	0												
11	10	01 66	34	33	30	00	00	81	8	02	2	8	5	4													
11	13	01 70	34	33	31	00	00	81	7	02	2	7	5	4													
11	16	01 85	32	32	31	00	00	81	8	02	2	8	5	4													
11	19	01 93	35	33	33	00	00	81	8	71	7	8	5	4													
11	22	01 54	35	35	30	29	16	80	7	85	7	7	8	4													
12	01	01 87	36	34	30	29	17	81	6	02	2	6	8	5	0												
12	04	01 81	37	36	34	30	17	81	8	02	2	4	5	4	0												
12	07	01 71	39	38	37	30	20	80	7	50	8	7	5	3	2												
12	10	01 71	39	38	37	31	22	80	8	25	8	8	8	4													
12	13	01 52	40	40	39	31	18	81	8	02	2	8	8	3													
12	16	01 48	40	40	40	31	20	24	8	61	2	6	8	7	2												
12	19	01 59	40	40	39	25	12	40	8	60	6	6	7	3	2												
12	22	01 60	39	37	34	26	08	81	7	02	2	7	5	4													
13	01	01 59	38	35	32	26	12	81	7	02	2	7	5	5													
13	04	01 48	38	36	33	28	08	81	6	02	2	6	5	5	0												
13	07	01 33	38	37	35	30	22	81	6	02	2	6	5	4	0												
13	10	01 04	41	39	36	31	25	82	7	02	2	5	5	4	0												
13	13	00 61	41	40	38	29	37	80	8	02	2	8	8	5	4												
13	16	00 32	42	41	40	29	37	40	8	02	2	8	7	3	2												
13	19	00 20	42	41	41	28	33	40	8	02	6	8	7	2	2												
13	22	00 22	41	41	40	28	29	40	8	02	5	8	7	3	2												
14	01	00 03	41	41	40	28	30	40	8	05	5	8	7	3	2												
14	04	99 80	41	41	40	29	36	32	8	05	2	8	6	3													
14	07	99 68	41	41	40	29	33	32	8	51	5	8	7	3	2												
14	10	99 66	41	40	39	28	32	48	8	61	6	8	7	3	2												
14	13	99 71	40	39	36	25	32	81	8	02	8	5	6	4	3												
14	16	99 86	38	36	33	28	36	81	8	27	8	4	2	4	3												
14	19	00 02	37	35	32	26	30	81	5	27	8	5	5	8	0												
14	22	00 27	37	34	32	26	30	81	6	02	8	6	5	5	0												
15	01	00 46	34	34	34	26	30	81	8	86	8	7	2	5	2												
15	04	00 49	36	35	35	26	32	81	8	26	8	7	2	4	2												
15	07	00 39	36	34	33	26	26	80	8	15	8	4	2	4	2												
15	10	00 02	37	36	34	28	30	40	8	69	8	8	7	4	4												
15	13	99 39	35	35	35	27	12	12	8	68	7	7	7	2	2												
15	16	99 51	37	36	34	26	27	80	8	60	7	7	2	4	3												
15	19	99 70	37	33	32	26	42	64	8	27	8	6	6	0	4	3											
15	22	99 79	36	34	30	26	38	64	8	60	8	8	7	4	4												
16	01	99 80	36	34	30	25	39	80	8	87	8	8	2	4	4												
16	04	99 99	34	35	30	23	28	80	7	25	8	8	2	2	5												
16	07	00 28	32	32	30	23	25	80	6	02	8	4	1	5	5												
16	10	00 54	31	30	28	21	19	64	4	15	8	6	6	8	5												
16	13	00 91	30	30	28	20	19	80	8	70	8	8	5	4	4												
16	16	01 25	27	27	27	18	14	80	8	05	8	8	5	4	4												
16	19	01 50	29	25	25	17	18	17	8	05	7	8	5	6	6												
16	22	01 67	28	25	18	17	17	80	7	05	2	7	5	6	4												
17	01	01 83	28	26	22	18	12	80	8	02	2	8	5	5	4												
17	04	01 91	29	28	26	19	12	81	8	02	2	8	5	5	5												
17	07	02 05	30	27	20	20	08	81	8	02	2	8	5	5	5												
17	10	02 05	31	29	22	18	05	81	6	02	2	6	5	5	5												
17	13	01 86	33	30	27	05	82		5	02	2	5	5	5	5												
17	16	01 80	35	35	29	25	10	81	8	50	2	6	5	4	4												
17	19	01 56	36	35	35	27	10	81	3	21	1	3	2	1	4												
17	22	01 41	37	36	34	26	27	80	7	50	2	7	5	0	0												
18	01	01 18	36	35	34	26	24	40	8	51	5	8	5	3	3												
18	04	01 01	36	35	34	26	28	80	8	02	2	8	5	4	4												
18	07	00 93	37	36	34	26	29	80	8	02	2	8	6	4	4												
18	10	00 92	38	37	35	27	35	80	8	02	2	8	6	6	6												
18	13	00 69	38	38	38	28	29	80	8	02	2	8	6	6	6												
18	16	00 95	38	38	38	26	22	40	8	51	8	8	6	6	6												
18	19	00 99	37	37	36	26	15	40	8	20	5	8	6	6	6												
18	22	01 00	38	37	36	26	20	40	8	50	2	8	6	6	6												

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF JUNE 1952

Table 40 contd.

DAY	HOUR	STATION LAKE 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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	vv	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
19	01	00 96	38	38	37	26	22	40	7	8	8	7	5	3												
19	04	01 00	37	36	35	26	22	80	8	8	8	8	5	4												
19	07	01 00	37	37	36	26	20	81	8	8	8	8	5	5												
19	10	01 05	38	38	37	26	19	40	8	8	8	8	6	6												
19	13	00 97	40	40	39	26	23	56	7	7	7	7	7	6												
19	16	00 97	39	39	39	26	22	40	8	8	8	8	6	6												
19	19	00 97	39	39	39	26	16	32	8	8	8	8	6	6												
19	22	00 89	40	39	39	26	21	40	8	8	8	8	6	6						40	36	0002	476	26	34	000
20	01	00 82	40	40	40	22	20	16	8	8	8	8	6	6												
20	04	00 73	40	40	40	22	20	40	8	8	8	8	6	6												
20	07	00 70	41	41	41	22	20	08	8	8	8	8	6	6												
20	10	00 64	41	41	40	16	32	16	8	8	8	8	6	6												
20	13	00 55	41	41	41	16	16	16	8	8	8	8	6	6												
20	16	00 47	41	41	41	18	18	16	8	8	8	8	6	6												
20	19	00 35	41	41	40	20	40	40	8	8	8	8	6	6												
20	22	00 16	41	41	39	26	26	80	7	7	7	7	6	3						41	40	0002	505	29	33	000
21	01	99 88	41	40	40	21	64	8	8	8	8	6	6	2												
21	04	99 86	39	40	40	15	24	8	8	8	8	6	6	2												
21	07	99 84	39	39	38	15	81	8	8	8	8	7	5	2												
21	10	99 82	39	39	39	20	40	40	8	8	8	8	6	6												
21	13	99 80	35	35	34	15	80	8	8	8	8	6	6	3												
21	16	99 80	31	30	27	08	81	8	8	8	8	6	6	4												
21	19	99 80	27	26	23	17	81	8	8	8	8	6	6	4												
21	22	00 07	26	24	19	04	81	8	5	5	5	2	5	0	0	0	0	0	0	41	25	0007	485	30	29	003
22	01	00 09	26	24	19	00	81	8	6	6	6	6	5	0	0	0	0	0								
22	04	00 12	26	24	19	00	81	8	7	7	7	6	4	4												
22	07	00 15	27	25	22	00	81	8	7	7	7	5	5	4												
22	10	00 18	27	25	20	00	82	8	8	8	8	5	5	4												
22	13	00 10	28	26	22	00	82	8	8	8	8	5	5	4												
22	16	00 09	29	27	23	00	82	8	8	8	8	5	5	4												
22	19	00 09	30	28	23	03	82	8	8	8	8	5	5	4												
22	22	00 07	34	32	28	04	81	8	8	8	8	5	5	4						36	25	0001	222	33	32	000
23	01	99 43	35	34	31	22	81	7	01	2	7	8	4													
23	04	98 96	39	38	38	30	40	8	8	60	6	8	7													
23	07	98 75	40	40	40	22	40	8	8	60	6	8	7													
23	10	98 77	40	39	38	06	81	7	01	5	5	5	0	1												
23	13	98 53	40	40	40	10	81	7	03	7	5	5	5	5												
23	16	98 41	41	41	41	24	08	8	8	66	6	7	2													
23	19	97 65	42	42	41	30	24	8	8	6	6	7	2													
23	22	97 49	42	41	41	22	40	8	8	6	6	8	5													
24	01	97 26	42	41	40	22	64	8	02	6	6	5	5	7												
24	04	96 81	39	39	38	18	64	8	02	2	8	5	4													
24	07	96 20	40	39	38	32	40	8	8	63	6	8	7													
24	10	95 93	42	41	40	25	80	8	03	2	4	8	5													
24	13	95 64	42	40	37	34	64	8	21	8	6	8	8													
24	16	95 23	42	41	40	33	40	8	80	8	8	4	4													
24	19	94 97	42	40	37	45	40	8	02	7	5	4														
24	22	94 94	40	39	38	35	40	7	80	8	7	2	4													
25	01	95 26	39	38	38	28	80	6	80	8	6	8	4													
25	04	95 53	38	37	34	29	35	81	7	02	5	7	5													
25	07	95 94	37	35	32	28	30	81	6	25	8	6	2	0												
25	10	95 52	36	35	32	29	33	64	7	26	8	7	4													
25	13	95 52	37	35	31	29	33	64	7	25	8	7	4													
25	16	95 55	34	33	31	27	25	40	8	86	8	8	2	4												
25	19	95 14	33	32	30	26	20	40	8	86	8	8	2	4												
25	22	97 35	35	33	30	29	21	80	6	26	8	6	2	4												
26	01	97 55	35	31	24	27	20	80	8	02	8	2	5													
26	04	97 59	35	32	26	29	10	81	4	02	8	3	2													
26	07	97 68	34	33	32	00	00	81	5	02	2	0	9													
26	10	97 76	36	34	32	13	09	81	7	70	7	5	7													
26	13	97 83	36	35	33	11	20	80	8	50	7	6	6													
26	16	98 14	35	35	34	13	20	32	8	68	7	8	7													
26	19	98 59	34	34	33	14	33	16	8	71	7	8	3													
26	22	99 16	34	33	30	15	30	40	8	02	7	8	5													
27	01	99 70	33	33	3	15	24	40	4	26	8	4	4													
27	04	00 07	33	30	25	15	19	80	5	05	2	5	5													
27	07	00 43	33	29	18	10	82	8	8	03	2	2	5													
27	10	00 64	33	30	17	03	81	8	8	02	2	8	5													
27	13	00 71	32	30	24	01	82	8	8	02	2	8	5													
27	16	00 82	32	30	00	00	82	8	8	02	2	8	5													
27	19	00 78	33	30	00	00	82	8	8	02	2	8	5													
27	22	00 63	35	31	00	10	82	8	8	02	2	8	5													
27	22	00 63	35	31	00	10	82	8	8	02	2	8	5													
27	22	00 63	35	31	00	10	82	8	8	02	2	8	5													

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF JUNE 1952																											
Table 40 contd.																											
DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD			HIGH CLOUD			PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE	HIGH	MAXIMUM TEMPERATURE			MINIMUM TEMPERATURE	DIRECTION		SPEED	Hours
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours	
28	01	00 40	36	34	30	33	18	82	3	01	1	3	5	5	0	7											
28	04	00 06	37	37	34	33	15	81	3	02	2	3	5	5	0	7											
28	07	99 68	39	39	36	33	25	81	8	02	2	3	5	5	0	7											
28	10	99 65	40	39	36	34	15	64	7	05	6	6	5	5	5												
28	13	99 30	40	39	36	34	20	40	8	15	2	8	5	5	5												
28	16	99 64	41	40	39	34	30	40	8	50	2	8	5	5	5												
28	19	99 65	41	41	41	35	27	08	8	63	5	8	7	7	2	2											
28	22	99 42	42	42	41	34	25	24	8	51	6	8	7	5	2	2					42	35	0000	314	34	48	000
29	01	98 18	42	42	41	34	12	24	8	61	6	8	7	2	2	2											
29	04	97 92	42	42	42	34	20	24	8	63	6	8	7	7	2	2											
29	07	97 82	42	42	42	32	10	16	8	63	6	8	7	7	2	2											
29	10	97 75	42	42	42	04	04	16	8	63	6	8	7	7	2	2											
29	13	97 61	42	42	42	07	05	40	8	61	6	5	7	7	2	2											
29	16	97 67	41	41	41	16	15	08	8	61	6	8	7	7	2	2											
29	19	97 98	41	41	41	15	12	08	8	58	6	8	7	7	2	2											
29	22	98 29	41	41	40	16	15	16	8	50	6	8	6	3	3	3					43	40	0065	450	33	38	000
30	01	98 53	40	40	40	16	20	16	8	51	5	8	6	3	3	3											
30	04	98 86	39	39	39	15	24	08	8	51	5	8	6	6	2	2											
30	07	99 16	39	39	39	16	24	08	8	53	5	8	6	6	2	2											
30	10	99 40	39	39	39	16	21	04	8	46	5	8	6	6	1	1											
30	13	99 51	39	39	39	15	16	01	9	47	4	9	0	0	0	0											
30	16	99 70	39	39	39	16	12	02	9	43	4	9	0	0	0	0											
30	19	99 85	40	40	40	15	07	00	9	45	4	9	0	0	0	0											
30	22	99 96	39	39	39	14	02	00	9	47	4	9	0	0	0	0					41	37	0085	407	15	30	000

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF JULY 1952**

Table 40 contd.

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	FAST WEATHER	LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE	HIGH	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	°F	°F	°F	°x10	Kts.	VV	Oktas	vv	W	Oktas	Cl	h	Cm	Ch	Cl	Cm	Ch	°F	°F	Points	Miles	°x10	Kts.	Hours
01	01	00 00	37	37	37	0 0	00	03	6	4	6	6	5	4	0	0	7									
01	04	00 00	38	38	38	2 9	05	24	6	4	6	6	5	5	0	0	7									
01	07	00 00	38	38	38	3 1	10	08	8	8	8	8	8	8	0	0	7									
01	10	00 01	38	38	38	2 8	10	81	7	7	7	7	7	7	0	0	9									
01	13	99 94	39	39	39	2 8	11	81	7	7	7	7	7	7	0	0	9									
01	16	00 02	36	36	36	1 8	20	16	8	6	6	6	6	6	0	0	4									
01	19	00 39	36	36	36	1 7	26	64	8	5	5	5	5	5	0	0	4									
01	22	00 60	35	35	35	1 7	16	81	2	0	1	2	5	5	0	0	4			40	34	00 06	253	17	39	00 1
02	01	00 72	34	32	29	1 6	15	81	0	0	0	0	0	9	0	0										
02	04	00 84	34	33	31	1 7	18	10	8	2	1	0	0	9	0	0	4									
02	07	00 93	34	33	31	0 0	00	82	5	0	0	0	0	9	0	0	4									
02	10	00 91	33	33	33	0 0	00	82	5	0	0	0	0	9	0	0	4									
02	13	00 70	36	35	35	0 0	00	82	5	0	0	0	0	9	0	0	4									
02	16	00 58	36	35	35	0 0	00	82	5	0	0	0	0	9	0	0	4									
02	19	00 49	38	37	37	0 0	00	82	5	0	0	0	0	9	0	0	4									
02	22	00 35	40	39	38	0 0	00	82	5	0	0	0	0	9	0	0	4									
03	01	00 24	40	40	40	3 2	19	40	8	5	5	5	5	2	2	7										
03	04	00 11	41	41	41	3 3	18	54	8	5	5	5	5	2	2	7										
03	07	00 06	41	41	41	3 3	21	40	8	5	5	5	5	2	2	7										
03	10	00 11	41	41	41	3 3	20	24	8	5	5	5	5	2	2	7										
03	13	00 01	42	41	40	3 3	20	40	8	0	2	5	8	3	3	7										
03	16	99 96	42	42	42	3 3	20	48	8	0	2	8	8	3	3	7										
03	19	99 96	42	42	41	3 2	27	48	8	0	2	8	8	3	3	7										
03	22	99 96	41	41	40	3 4	18	82	5	0	3	0	5	9	0	6				43	40	00 03	416	33	36	00 0
04	01	99 90	42	41	41	3 3	15	81	7	0	2	6	6	2	0	1	7									
04	04	99 80	42	42	41	3 5	18	81	7	5	0	2	6	0	0	8										
04	07	99 74	43	42	41	3 5	22	80	7	7	2	2	4	0	0	8										
04	10	99 69	43	42	41	3 5	20	80	8	0	3	0	3	0	0	8										
04	13	99 43	43	42	41	3 4	25	56	8	8	2	2	8	3	3	8										
04	16	99 35	43	43	43	3 3	12	40	8	0	2	8	8	2	2	7										
04	19	99 21	43	42	41	0 2	05	64	8	0	5	8	6	6	6	8										
04	22	99 14	43	43	42	0 2	03	40	8	2	1	6	6	2	2	8				44	41	00 01	467	34	41	00 1
05	01	99 10	44	43	42	3 4	10	40	8	0	2	2	8	6	2	8										
05	04	99 13	44	43	42	3 6	03	54	8	0	2	2	8	6	2	8										
05	07	99 23	43	42	41	0 0	00	64	8	0	2	2	8	6	3	8										
05	10	99 34	41	41	41	1 0	02	00	9	4	7	2	9	0	0	8										
05	13	99 41	41	41	41	0 0	00	00	9	4	5	4	9	0	0	8										
05	16	99 50	42	42	42	1 6	10	01	9	4	3	4	9	0	0	8										
05	19	99 68	42	41	40	1 2	07	24	8	2	8	4	8	5	4	9										
05	22	99 76	41	41	40	1 3	08	81	8	0	2	6	8	6	3	9				44	39	00 03	236	36	22	00 0
06	01	99 79	41	41	41	1 3	11	81	8	0	2	2	8	6	3	2										
06	04	99 84	41	40	39	1 2	13	80	8	0	2	2	8	6	3	2										
06	07	99 95	41	40	40	1 0	14	81	8	0	2	2	8	6	3	2										
06	10	00 08	40	40	40	1 2	18	02	8	4	6	5	8	6	1	1	9									
06	13	00 03	40	40	40	1 0	10	80	8	4	1	4	7	6	1	1	9									
06	16	00 11	40	40	40	1 2	08	08	8	5	0	4	8	6	2	2										
06	19	00 21	40	40	40	1 6	02	40	8	0	2	5	8	6	2	2										
06	22	00 38	40	40	40	1 5	02	64	8	0	2	2	8	6	2	1				42	39	00 01	283	12	20	00 0
07	01	00 50	40	40	40	0 0	00	32	7	0	5	2	7	5	4	4										
07	04	00 69	39	39	39	0 0	00	08	7	4	6	4	7	5	4	4										
07	07	00 80	38	37	36	2 7	02	81	7	0	2	2	7	5	4	4										
07	10	00 85	38	37	36	2 7	12	81	8	0	2	5	8	5	3	3										
07	13	00 85	38	37	36	2 8	15	81	8	0	2	2	8	5	3	3										
07	16	00 84	39	38	37	2 8	20	80	8	1	6	2	8	5	3	3										
07	19	00 81	39	39	39	2 2	24	64	8	2	0	5	8	5	3	3										
07	22	00 85	41	40	39	2 9	20	80	8	2	5	8	5	4	4	6				41	37	00 02	203	29	32	00 2
08	01	00 88	40	40	40	2 8	11	80	8	0	2	2	8	6	2	6										
08	04	00 99	39	39	39	2 7	15	16	8	5	1	5	8	6	2	2										
08	07	01 09	39	39	39	2 8	18	01	8	4	6	5	8	6	2	2										
08	10	01 17	39	39	39	2 9	11	08	8	5	0	6	8	6	2	2										
08	13	01 08	40	40	40	3 0	12	32	8	0	2	5	8	6	2	2										
08	16	01 08	41	41	40	2 9	12	81	7	0	2	2	7	5	3	3										
08	19	01 14	41	41	40	3 0	16	81	8	0	2	2	8	5	3	3										
08	22	01 08	42	41	40	3 1	18	80	8	5	2	5	8	5	3	7				42	39	00 04	430	31	30	00 0
09	01	00 92	41	41	40	3 1	24	80	8	5	0	5	8	8	3	3										
09	04	00 73	42	41	41	3 1	31	40	8	2	5	2	8	8	3	3										
09	07	00 94	41	39	37	2 9	20	81	8	0	2	8	8	4	4	9										
09	10	01 22	40	38	35	2 7	28	81	7	0	2	2	8	5	3	3										
09	13	01 36	40	38	35	2 7	22	81	7	0	2	2	8	5	3	3										
09	16	01 42	39	38	37	2 7	20	82	5	0	1	1	8	5	3	3										
09	19	01 42	39	38	37	2 9	16	82	0	0	1	1	8	5	3	3										
09	22	01 28	40	40	39	2 7	24	81	8	0	3	1	8	5	4	4				43	39	00 03	486	29	37	00 9

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF JULY 1952**

Table 40 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE					HIGH	*x10		Kts.	
LST.	Mts.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	*x10	Kts.	Hours	
10	01	00 99	42	41	41	3	25	80	8	0	2	8	6	2												
10	04	00 99	42	42	40	3	25	81	8	0	2	8	5	2												
10	07	00 99	42	41	40	3	25	81	8	0	2	8	5	2												
10	10	00 99	42	42	40	3	25	81	8	0	2	8	5	2												
10	13	00 11	40	39	37	3	22	81	8	0	1	8	5	2												
10	16	00 41	40	37	35	3	22	81	8	0	1	8	5	2												
10	19	00 69	39	37	35	3	22	80	8	0	1	8	5	2												
10	22	01 07	39	35	28	3	26	80	8	0	3	8	5	2					43	37	0002	597	29	53	000	
11	01	01 38	40	36	31	2	26	81	7	0	2	8	5	5												
11	04	01 71	40	36	31	2	22	81	8	0	2	8	5	5												
11	07	02 07	39	37	34	2	22	82	8	0	2	8	5	5												
11	10	02 26	40	37	33	2	22	81	7	0	2	8	5	5												
11	13	02 27	40	39	38	3	22	81	2	0	1	1	2	5												
11	16	02 20	40	38	36	3	22	81	4	0	2	1	4	5												
11	19	02 16	41	39	37	3	22	81	3	0	1	1	5	5												
11	22	02 06	41	39	37	3	22	81	8	0	2	1	5	5												
12	01	01 90	41	40	39	3	22	81	8	0	2	8	5	5												
12	04	01 71	41	40	39	3	22	81	8	0	2	8	5	5												
12	07	01 54	41	40	39	3	22	80	5	0	1	2	3	5												
12	10	01 43	42	42	42	3	26	24	8	0	3	2	8	7												
12	13	01 12	42	41	40	3	25	32	8	0	5	2	8	7												
12	16	00 94	42	41	40	3	30	32	8	0	5	2	7	7												
12	19	00 83	42	42	42	3	28	16	8	0	6	6	7	3												
12	22	00 68	43	43	43	3	30	01	9	4	7	4	9	0					43	40	0000	462	33	44	000	
13	01	00 78	42	42	41	2	22	16	8	2	1	4	8	7												
13	04	01 20	40	36	31	2	25	18	8	2	1	5	5	5												
13	07	01 46	39	37	33	2	28	15	8	0	0	1	1	0												
13	10	01 72	40	37	33	2	29	15	8	1	0	3	0	1												
13	13	01 78	40	37	33	3	30	25	8	1	0	2	1	1												
13	16	01 85	41	39	36	3	30	25	8	1	0	2	1	1												
13	19	02 02	42	40	37	3	30	23	8	0	2	0	0	0												
13	22	02 16	42	41	38	3	30	19	8	0	3	1	8	5												
14	01	02 27	42	41	40	2	29	30	8	0	2	2	8	7												
14	04	02 34	41	41	41	2	28	08	8	10	2	8	7	2												
14	07	02 49	40	40	40	3	25	16	8	5	0	8	7	2												
14	10	02 56	41	40	39	2	32	3	8	0	2	5	8	5												
14	13	02 52	41	40	39	2	29	20	8	0	2	2	8	5												
14	16	02 47	42	41	39	3	30	20	8	7	0	2	7	5												
14	19	02 52	41	39	38	2	29	25	8	0	2	2	8	5												
14	22	02 53	40	38	35	2	18	81	7	0	2	2	7	5												
15	01	02 46	39	38	36	2	15	81	6	0	1	2	6	4												
15	04	02 30	37	36	35	3	09	64	7	0	2	2	7	5												
15	07	02 24	37	37	37	0	00	08	8	0	3	2	8	6												
15	10	02 10	40	40	40	0	03	02	9	4	3	6	9	2												
15	13	01 72	41	41	41	3	10	04	8	6	1	6	8	7												
15	16	01 44	42	42	42	3	17	01	9	4	7	6	9	2												
15	19	01 23	42	42	42	2	10	04	9	4	3	4	9	0												
15	22	00 99	41	41	41	3	12	04	9	4	5	6	9	0												
16	01	00 79	41	41	41	3	09	06	8	4	2	4	8	6												
16	04	00 66	41	41	40	3	08	24	8	5	0	4	8	7												
16	07	00 69	40	40	40	2	28	20	8	5	0	6	6	5												
16	10	00 91	40	40	40	2	13	81	3	0	1	2	1	3												
16	13	01 00	40	37	31	2	28	33	8	1	5	8	6	5												
16	16	01 18	38	36	33	2	26	31	6	2	5	8	6	4												
16	19	01 47	38	36	33	2	30	81	1	0	1	8	1	5												
16	22	01 73	37	34	31	2	29	81	3	0	3	1	5	5												
17	01	01 91	37	34	30	2	27	80	8	0	3	1	8	5												
17	04	01 97	38	35	31	2	27	14	8	0	2	2	8	5												
17	07	02 00	38	35	33	2	29	16	8	0	2	2	8	5												
17	10	01 92	39	36	33	3	10	82	7	0	1	2	8	5												
17	13	01 77	40	38	35	3	10	82	8	0	2	2	8	5												
17	16	01 61	40	40	40	3	08	02	9	4	7	4	8	5												
17	19	01 41	40	39	35	3	11	24	8	0	2	4	8	6												
17	22	01 11	40	40	39	3	05	00	9	4	7	4	9	0												
18	01	00 64	40	40	40	0	07	05	9	4	5	4	9	0												
18	04	00 82	44	44	43	0	02	08	8	0	6	1	6	8												
18	07	00 17	44	44	43	0	10	10	8	0	6	1	7	7												
18	10	00 70	44	44	43	0	34	35	8	0	6	5	7	3												
18	13	00 28	43	42	42	3	18	24	8	2	8	5	5	7												
18	16	00 04	43	42	42	3	21	16	8	5	0	2	8	5												
18	19	00 56	43	43	42	3	25	24	8	5	0	6	8	5												
18	22	00 18	42	42	42	3	20	08	8	6	1	6	8	7												
19	01	00 64	40	40	40	0	07	05	9	4	5	4	9	0												
19	04	00 82	44	44	43	0	10	10	8	0	6	1	7	7												
19	07	00 17	44	44	43	0	34	35	8	0	6	5	7	3												
19	10	00 70	44	44	43	0	34	35	8	0	6	5	7	3												

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF JULY 1952

Table 40 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Okts	ww	W	Okts	CL	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	"x10	Kts.	Hours
01	01	01 55 1	40	39	37	2	33	81	8	02	2	8	5	4												
04	04	01 55 1	39	37	35	2	33	80	8	50	2	8	5	4												
07	07	01 55 1	38	38	34	2	33	81	7	50	2	8	5	4												
10	10	01 55 1	39	39	38	2	33	81	6	50	2	8	5	4												
13	13	01 55 1	40	39	38	2	33	81	6	50	2	8	5	4												
16	16	02 15 1	39	37	34	2	33	81	6	01	2	8	5	4												
19	19	02 15 1	38	36	34	2	33	81	4	01	2	8	5	4												
22	22	02 06 6	40	39	38	2	33	81	4	25	2	8	5	4						41	37	0001	721	25	60	000
01	01	01 19 6	41	40	39	2	24	81	6	02	1	6	5	4												
04	04	01 18 6	40	40	39	2	24	81	8	03	1	8	5	4												
07	07	01 17 3	41	41	40	2	22	80	8	05	2	8	5	4												
10	10	01 17 0	42	42	41	2	22	81	8	05	2	8	5	4												
13	13	01 15 4	42	41	40	2	22	82	7	00	2	8	5	4												
16	16	01 14 5	42	42	41	2	22	82	8	00	2	8	5	4												
19	19	01 15 5	42	42	42	2	22	81	8	00	2	8	5	4												
22	22	01 22 7	42	42	41	2	24	81	8	00	2	8	5	4												
01	01	01 11 1	42	42	41	2	20	81	8	00	2	8	6	2												
04	04	00 59 1	43	43	42	2	12	64	8	00	2	8	6	2												
07	07	00 59 1	43	43	43	2	12	12	8	00	2	8	6	2												
10	10	00 46 6	43	43	43	2	16	40	8	00	2	8	7	7												
13	13	00 00 5	44	44	44	2	16	16	8	00	2	8	7	7												
16	16	99 7 8	44	43	43	2	16	16	8	00	2	8	7	7												
19	19	99 5 5	44	44	43	2	22	40	8	00	2	8	7	7												
22	22	99 3 5	45	43	43	2	21	40	8	00	2	8	7	7												
01	01	99 4 1	43	43	42	2	20	16	8	00	2	8	7	5												
04	04	99 8 9	35	34	34	2	20	81	7	00	2	8	7	5												
07	07	00 30 0	35	35	32	2	20	80	8	00	2	8	7	5												
10	10	00 55 6	35	35	29	2	20	81	8	00	2	8	7	5												
13	13	00 55 4	31	31	25	2	20	81	8	00	2	8	7	5												
16	16	00 66 1	33	33	29	2	20	81	7	00	2	8	7	5												
19	19	00 65 1	33	33	30	2	20	81	5	00	2	8	7	5												
22	22	00 55 9	36	36	33	2	20	81	8	00	2	8	5	4												

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF AUGUST 1952

Table 40 contd.

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		SUNSHINE	
		LST.	Mbs.				"F	"F					"F	"x10	Kts.	VV	OKtas	vv					W	OKtas		CL
01	01	00	47	41	40	39	29	29	80	8	02	2	8	5	4											
01	04	00	37	42	42	41	29	29	64	8	02	2	8	7	3											
01	07	00	26	42	42	40	29	29	80	8	02	2	8	5	4											
01	10	00	17	43	43	42	29	29	80	8	02	2	8	5	4											
01	13	00	21	43	43	42	29	29	80	8	02	2	8	5	4											
01	16	00	37	42	41	41	29	29	81	8	02	2	8	5	4											
01	19	00	31	43	43	42	29	29	81	8	02	2	8	5	4											
01	22	00	17	44	43	42	29	27	40	8	21	6	4	7	2	2	2			44	40	0001	573	30	49	000
02	01	99	99	43	43	43	31	30	24	8	60	6	8	7	2	2	2									
02	04	99	49	43	43	43	30	40	16	8	62	6	8	7	2	2	2									
02	07	00	13	39	38	37	28	22	81	8	02	2	8	5	5											
02	10	00	34	40	39	39	29	23	81	8	02	2	8	5	5											
02	13	00	15	43	42	42	30	20	81	8	02	2	8	5	5											
02	16	00	19	42	41	40	29	24	81	8	01	2	8	5	5											
02	19	00	02	43	42	41	30	30	81	8	50	5	8	5	5	0	0									
02	22	99	83	44	43	41	31	37	81	8	02	2	8	5	5											
03	01	00	09	43	42	41	29	22	81	8	02	2	5	5	4	3										
03	04	00	06	39	39	38	26	22	24	8	61	6	8	7	7	4										
03	07	99	76	43	43	41	31	32	16	8	60	6	8	7	4	4										
03	10	99	87	43	43	40	30	30	24	8	60	6	8	7	3	3										
03	13	99	92	42	40	39	29	22	54	8	21	1	8	5	4	4										
03	16	00	00	39	39	39	29	10	80	8	60	6	8	4	4	4										
03	19	00	26	39	39	39	29	03	80	8	1	01	8	4	4	4										
03	22	00	32	35	34	34	24	05	81	4	03	2	4	5	5	0	0									
04	01	99	88	40	39	37	31	26	81	8	02	2	3	5	5	0	8									
04	04	99	38	39	39	39	31	27	80	8	58	6	8	5	4	4										
04	07	99	35	38	38	38	27	37	81	5	21	2	8	4	3	0	0									
04	10	99	84	34	33	33	26	35	81	6	26	6	8	4	4	4										
04	13	00	03	38	38	38	29	30	81	6	02	8	8	6	6	0	0									
04	16	00	05	39	39	39	29	32	81	7	02	8	8	6	6	0	0									
04	19	99	58	42	42	40	31	45	64	8	60	6	8	4	4	4										
04	22	99	19	42	41	41	30	48	8	8	61	6	8	4	4	2										
05	01	99	47	40	39	38	28	39	40	6	01	6	6	4	0	0	6									
05	04	00	00	36	36	36	27	32	64	8	25	8	8	4	4	4										
05	07	00	39	35	35	35	27	34	80	2	01	2	8	5	5	0	0									
05	10	00	81	35	35	35	27	38	01	8	86	8	8	5	5	5										
05	13	01	10	34	34	34	18	23	64	7	15	7	8	5	5	5										
05	16	01	58	34	34	34	25	25	81	7	15	7	8	5	5	5										
05	19	01	95	34	34	34	27	18	82	5	02	2	8	4	4	4										
05	22	02	03	35	35	35	26	16	82	5	02	2	8	5	5	0	0									
06	01	01	87	38	34	28	29	25	82	3	02	1	2	5	5	3	0	6								
06	04	01	49	40	39	38	29	25	81	8	50	8	8	7	8	4	4									
06	07	01	31	41	40	40	29	33	81	9	59	2	8	5	5	4	4									
06	10	01	34	41	39	37	29	29	81	7	25	8	8	4	4	4										
06	13	01	20	42	40	37	29	32	81	6	02	8	8	4	4	4										
06	16	01	16	41	40	39	28	26	81	8	88	8	8	4	4	4										
06	19	01	13	41	40	39	29	28	40	8	80	8	8	4	4	4										
06	22	01	18	41	40	39	29	26	24	8	52	5	8	5	4	4										
07	01	01	27	41	40	39	27	27	64	8	03	8	8	2	4	4										
07	04	01	39	40	39	38	27	24	80	8	25	8	8	8	8	4	4									
07	07	01	55	40	39	38	28	20	40	8	50	8	8	5	3	3										
07	10	01	63	41	40	39	29	18	81	7	7	50	8	5	3	3										
07	13	01	54	42	41	40	29	25	81	7	50	8	8	5	3	3										
07	16	01	50	42	42	40	29	25	81	7	50	8	8	5	4	4										
07	19	01	61	42	41	40	29	20	81	5	01	2	8	4	4	4										
07	22	01	64	42	41	40	29	20	81	8	02	2	8	5	4	4										
08	01	01	62	42	41	41	31	15	40	8	50	2	8	5	4	4										
08	04	01	57	42	41	40	31	22	80	8	50	2	8	5	5	3										
08	07	01	44	41	41	40	31	24	40	8	50	5	8	5	3	3										
08	10	01	44	42	41	41	32	26	48	8	58	5	8	6	3	3										
08	13	01	27	42	41	40	32	28	81	8	02	8	8	5	5	5										
08	16	01	19	41	41	41	32	28	81	8	20	8	8	5	4	4										
08	19	01	08	42	41	40	34	30	81	8	02	8	8	5	4	4										
08	22	01	00	42	41	40	34	35	81	8	02	2	8	5	5	8										
09	01	00	81	41	41	40	34	18	81	8	02	5	8	5	5	8										
09	04	00	51	42	41	40	35	24	81	7	02	2	7	5	6	8										
09	07	00	33	43	42	41	36	24	81	7	02	2	3	5	4	7										
09	10	00	30	43	42	42	36	26	56	8	05	8	8	5	4	8										
09	13	00	12	43	43	43	35	29	24	8	50	8	8	6	6	8										
09	16	00	06	43	43	43	34	35	40	8	01	8	8	5	2	8										
09	19	00	05	43	42	41	34	35	40	8	02	8	8	5	2	8										
09	22	99	94	43	42	41	35	1	0	8	03	8	8	5	5	8										
09	22	99	94	43	43	41	35	4	40	8	03	8	8	5	5	8										

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF AUGUST 1952**

Table 40 - contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Okts	ww	W	Okts	CL	h	Cm	Ch	CL	Cm	Ch	"F	"F	Points	Miles	"x10	Kts.	Hours
10	01	9980	43	42	41	36	06	64	8	0	0	0	0	0	0	0	0	0	0	44	41	0000	433	35	51	002
10	04	9966	43	42	42	01	10	54	8	0	0	0	0	0	0	0	0	0	0							
10	07	9942	44	43	43	07	10	81	8	0	0	0	0	0	0	0	0	0	0							
10	10	9942	44	43	43	07	10	54	8	0	0	0	0	0	0	0	0	0	0							
10	13	9931	45	43	43	04	10	80	8	0	0	0	0	0	0	0	0	0	0							
10	16	9928	45	42	41	03	10	81	8	0	0	0	0	0	0	0	0	0	0							
10	19	9908	42	41	40	03	16	81	8	0	0	0	0	0	0	0	0	0	0							
10	22	9901	41	41	40	03	14	82	8	0	0	0	0	0	0	0	0	0	0							
11	01	0003	42	41	41	03	14	40	2	1	1	1	1	1	1	1	1	1	1							
11	04	9989	42	41	41	03	16	16	1	1	1	1	1	1	1	1	1	1	1							
11	07	9979	42	41	41	03	16	16	1	1	1	1	1	1	1	1	1	1	1							
11	10	9981	40	39	38	03	16	40	1	1	1	1	1	1	1	1	1	1	1							
11	13	9989	40	39	37	03	16	81	1	1	1	1	1	1	1	1	1	1	1							
11	16	0005	39	38	38	03	16	81	1	1	1	1	1	1	1	1	1	1	1							
11	19	0047	39	38	38	03	16	81	1	1	1	1	1	1	1	1	1	1	1							
11	22	0083	39	38	38	03	16	80	1	1	1	1	1	1	1	1	1	1	1							
12	01	0093	37	35	31	02	20	81	8	0	0	0	0	0	0	0	0	0	0							
12	04	0095	38	35	28	02	18	82	8	0	0	0	0	0	0	0	0	0	0							
12	07	0100	39	37	33	02	20	82	8	0	0	0	0	0	0	0	0	0	0							
12	10	0099	40	37	33	02	20	81	8	0	0	0	0	0	0	0	0	0	0							
12	13	0080	41	39	37	01	11	80	8	0	0	0	0	0	0	0	0	0	0							
12	16	0077	40	40	40	01	11	40	8	0	0	0	0	0	0	0	0	0	0							
12	19	0102	39	38	36	01	11	80	8	0	0	0	0	0	0	0	0	0	0							
12	22	0124	39	37	35	02	18	80	8	0	0	0	0	0	0	0	0	0	0							
13	01	0129	38	37	36	02	21	80	8	0	0	0	0	0	0	0	0	0	0							
13	04	0120	39	39	39	02	21	80	8	0	0	0	0	0	0	0	0	0	0							
13	07	0102	40	40	40	02	21	48	8	0	0	0	0	0	0	0	0	0	0							
13	10	0088	42	41	40	02	21	82	8	0	0	0	0	0	0	0	0	0	0							
13	13	0061	42	41	41	02	21	81	8	0	0	0	0	0	0	0	0	0	0							
13	16	0050	40	40	41	02	21	80	8	0	0	0	0	0	0	0	0	0	0							
13	19	0067	40	38	34	02	21	80	8	0	0	0	0	0	0	0	0	0	0							
13	22	0095	34	33	30	02	18	81	2	1	1	1	1	1	1	1	1	1	1							
14	01	0118	34	29	18	02	21	81	4	2	2	2	2	2	2	2	2	2	2							
14	04	0133	32	30	26	02	20	81	4	1	1	1	1	1	1	1	1	1	1							
14	07	0129	35	32	27	02	15	81	7	0	0	0	0	0	0	0	0	0	0							
14	10	0104	37	34	30	02	20	81	8	0	0	0	0	0	0	0	0	0	0							
14	13	0007	38	38	38	02	24	24	8	0	0	0	0	0	0	0	0	0	0							
14	16	9979	42	42	42	02	37	24	8	0	0	0	0	0	0	0	0	0	0							
14	19	0015	37	36	35	02	18	10	8	0	0	0	0	0	0	0	0	0	0							
14	22	0083	36	34	32	02	14	27	5	0	0	0	0	0	0	0	0	0	0							
15	01	0124	35	33	29	04	04	82	4	0	2	1	4	5	5	0	0	0	0							
15	04	0149	33	32	29	04	04	82	5	0	2	2	5	5	5	0	0	0	0							
15	07	0145	36	35	33	03	02	82	8	0	0	2	8	5	5	0	0	0	0							
15	10	0122	36	35	33	03	03	32	8	0	0	2	8	7	4	2	2	2	2							
15	13	0073	39	38	37	03	30	24	8	0	0	6	6	7	4	2	2	2	2							
15	16	0055	42	41	41	02	26	16	8	0	0	5	5	8	7	3	2	2	2							
15	19	0079	40	38	36	02	25	64	8	0	0	5	5	8	5	4	2	2	2							
15	22	0115	36	34	30	02	20	40	8	0	0	5	5	8	5	4	2	2	2							
16	01	0124	36	33	28	02	16	80	8	0	0	2	8	5	4	6	6	6	6							
16	04	0117	37	35	30	02	12	81	7	0	0	2	7	5	4	6	6	6	6							
16	07	0107	39	38	36	03	12	80	8	0	0	2	5	5	4	6	6	6	6							
16	10	0087	42	41	40	02	22	64	8	0	0	5	5	8	5	3	7	7	7							
16	13	0054	42	41	40	02	25	82	8	0	0	5	4	6	4	7	7	7	7							
16	16	0015	42	41	39	03	30	64	8	0	0	8	8	8	4	7	7	7	7							
16	19	9981	42	41	39	03	30	80	8	0	0	8	8	5	5	5	5	5	5							
16	22	9942	42	42	40	03	35	24	8	0	0	8	7	3	2	7	9	9	9							
17	01	9909	43	42	41	03	32	24	8	0	0	5	8	7	3	2	7	9	9							
17	04	9880	43	40	35	03	44	40	8	0	0	6	6	8	5	5	5	5	5							
17	07	9908	38	35	31	02	42	40	2	2	2	2	2	2	2	2	2	2	2							
17	10	9950	38	35	28	02	41	40	6	6	6	6	6	6	6	6	6	6	6							
17	13	0010	37	33	25	02	32	32	8	0	0	2	8	8	5	5	5	5	5							
17	16	0058	33	31	23	02	25	81	3	0	0	3	1	5	5	0	0	0	0							
17	19	0089	36	32	25	02	19	81	2	2	1	0	2	1	5	5	0	0	0							
17	22	0101	37	33	26	02	23	81	3	0	0	1	3	8	5	0	0	0	0							
18	01	0094	38	34	26	02	22	81	8	0	0	1	8	5	5	6	6	6	6							
18	04	0079	40	37	33	02	20	81	8	0	0	2	8	5	5	4	7	7	7							
18	07	0064	40	39	38	03	18	80	8	0	0	2	8	5	4	7	7	7	7							
18	10	0039	41	41	41	02	24	16	8	0	0	5	5	8	8	8	8	8	8							
18	13	0017	43	42	41	02	22	32	8	0	0	5	5	8	8	8	8	8	8							
18	16	0017	42	42	41	02	22	40	8	0	0	5	5	8	8	8	8	8	8							
18	19	0018	42	42	41	02	22	40	8	0	0	5	5	8	8	8	8	8	8							

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF AUGUST 1952

Table 40 contd.

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		SUNSHINE	
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE					HIGH	DIRECTION		SPEED
LST.	Mbs.	°F	°F	°F	°x10	Kts.	VV	Okts	ww	W	Okts	CL	h	Cm	Ch	CL	Cm	Ch	°F	°F	Points	Miles	°x10	Kts.	Hours
19	01	99993	42	42	41	32	23	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	04	99975	42	42	41	32	23	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	07	99955	42	42	41	32	23	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	10	99944	42	42	41	32	23	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	13	99936	42	42	41	32	23	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	16	99931	41	41	40	31	22	81	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	19	99928	41	40	40	31	22	81	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	22	99938	40	40	40	31	22	81	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	01	99948	41	41	40	32	23	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	04	99951	41	40	40	32	23	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	07	99977	41	40	40	32	23	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	10	99987	42	41	41	32	23	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	13	99991	42	41	40	31	22	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	16	00008	40	40	40	31	22	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	19	00028	40	40	40	31	22	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	22	00050	40	39	39	32	23	81	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	01	00067	38	38	37	28	12	81	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	04	00082	38	37	37	29	10	24	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	07	01001	39	38	37	35	10	81	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	10	01002	40	39	38	35	10	81	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	13	01000	40	39	38	35	16	81	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	16	00092	40	39	38	35	17	81	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	19	00091	40	39	38	35	20	56	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	22	00085	41	40	39	35	15	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	01	00071	40	40	40	34	19	80	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	04	00058	41	41	41	32	25	40	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	07	00045	42	41	40	32	24	81	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	10	00034	42	41	41	33	25	64	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	13	00038	42	42	42	33	19	56	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	16	00057	42	41	40	32	18	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	19	00083	41	41	41	32	15	64	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	22	00090	41	40	40	33	10	40	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	01	00089	41	41	41	32	17	24	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	04	00081	42	42	41	32	20	08	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	07	00079	41	41	41	33	21	08	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	10	00073	41	41	41	32	23	40	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	13	00052	42	42	41	33	21	24	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	16	00046	42	42	41	33	26	40	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	19	00046	42	41	41	33	20	64	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	22	00044	42	41	41	33	19	80	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	01	00037	42	41	40	33	15	81	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	04	00026	42	41	41	33	17	40	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	07	00026	42	41	41	33	15	40	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	10	00021	42	42	41	33	13	80	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	13	00015	42	42	41	33	11	40	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	16	00001	42	42	41	33	13	40	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	19	99987	43	41	39	36	16	80	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	22	99969	42	42	40	35	27	40	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	01	99959	42	42	42	34	18	24	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	04	99957	41	41	41	33	12	24	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	07	99995	38	37	37	21	05	24	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	10	00025	37	36	36	19	05	81	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	13	00047	36	35	35	18	08	81	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	16	00070	35	35	35	29	18	07	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	19	00092	35	35	35	29	18	03	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	22	01008	34	31	27	18	03	82	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	01	01200	32	29	24	18	01	82	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	04	01300	32	29	24	19	01	82	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	07	01399	32	30	25	00	00	82	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	10	01455	36	33	28	00	00	81	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	13	01344	36	34	29	00	00	82	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	16	01333	35	33	29	00	00	82	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	19	01244	34	32	28	36	01	82	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	22	01110	34	32	28	00	00	82	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	01	00889	34	32	28	00	00	82	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	04	00688	32	31	29	00	00	81	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	07	00511	31	30	27	00	00	82	1	0															

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF AUGUST 1952**

Table 40 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE					HIGH	*x10		Kts.	Hours
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Okas	ww	W	Okas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	*x10	Kts.	Hours
08	01	00 18	37	36	34		13	81	8	0	1	8	5	4												
08	04	00 17	38	38	36		10	80	8	0	8	8	5	5												
08	07	00 16	40	39	35		18	81	8	0	8	6	5	5												
08	10	00 15	40	39	35		18	82	8	0	8	6	5	5												
08	13	00 14	42	41	40		22	81	8	0	8	5	5	4												
08	16	00 13	42	41	40		22	81	8	0	8	5	5	4												
08	19	00 12	42	42	41		25	81	8	0	8	5	5	4												
08	22	00 11	42	42	42		24	24	8	0	8	5	5	3	2					43	36	0001	347	33	33	046
09	01	00 10	39	39	39		10	40	4	20	5	2	5	4	8	1	6									
09	04	00 09	38	36	30		15	56	2	01	1	1	1	1	1	1	6									
09	07	00 08	37	34	27		14	82	1	01	1	1	1	1	1	1	6									
09	10	00 07	39	36	30		10	82	1	02	0	1	1	1	1	1	6									
09	13	00 06	40	37	31		04	82	1	03	0	1	1	1	1	1	6									
09	16	00 05	40	37	32		03	80	1	04	0	1	1	1	1	1	6									
09	19	00 04	41	41	41		03	40	1	05	0	1	1	1	1	1	6									
09	22	00 03	42	42	42		21	24	1	06	0	1	1	1	1	1	6									
10	01	00 02	42	42	41		23	40	1	07	0	1	1	1	1	1	6									
10	04	00 01	42	42	40		25	80	1	08	0	1	1	1	1	1	6									
10	07	00 00	43	42	40		30	81	1	09	0	1	1	1	1	1	6									
10	10	00 00	43	42	41		32	81	1	10	0	1	1	1	1	1	6									
10	13	00 00	43	41	40		33	56	1	11	0	1	1	1	1	1	6									
10	16	00 00	42	41	40		38	40	1	12	0	1	1	1	1	1	6									
10	19	00 00	42	37	33		41	80	1	13	0	1	1	1	1	1	6									
10	22	00 00	38	35	30		42	80	1	14	0	1	1	1	1	1	6									
11	01	00 00	39	34	24		30	80	5	02	1	5	5	5	0	0	6									
11	04	00 00	40	37	31		33	64	7	03	1	5	5	4	4	4	6									
11	07	00 00	42	41	40		40	24	8	04	1	5	5	4	4	4	6									
11	10	00 00	42	42	41		33	14	8	05	1	5	5	4	4	4	6									
11	13	00 00	43	42	41		30	24	8	06	1	5	5	4	4	4	6									
11	16	00 00	43	42	41		30	24	8	07	1	5	5	4	4	4	6									
11	19	00 00	43	42	41		34	24	8	08	1	5	5	4	4	4	6									
11	22	00 00	43	42	40		35	64	8	09	1	5	5	4	4	4	6									
11	22	00 00	43	42	40		35	64	8	10	1	5	5	4	4	4	6									

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF SEPTEMBER 1952

Table 40 contd.

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		SUNSHINE
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW	MIDDLE					HIGH	DIRECTION	
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	vw	W	Oktas	Cl	h	Cl	Cl	Cl	"F	"F	Points	Miles	"x10	Kts.	Hours
01	01	99666	43	4	41	31	31	56	8	21	6	8	7	4	2	7	9	0						
01	04	99954	44	4	42	31	34	64	8	05	2	8	5	5	4	7	7	0						
01	07	99952	45	4	42	32	35	40	8	05	2	8	4	4	2	7	9	0						
01	10	99943	44	4	42	31	39	24	8	02	2	8	4	4	4	7	7	0						
01	13	99940	44	4	41	32	39	24	8	02	2	8	4	4	4	7	7	0						
01	16	99915	43	4	41	32	38	12	8	64	6	8	4	4	2	7	9	0						
01	19	99911	43	4	41	32	36	08	8	64	6	8	4	4	2	7	9	0						
01	22	99668	38	3	37	30	05	40	8	61	6	8	4	4	6	6	9	45	37	0005	673	32	51	000
02	01	9982	39	3	39	00	00	24	8	05	6	8	6	4	4	6	9							
02	04	9979	39	3	38	01	09	40	8	05	2	8	4	4	1	6	9							
02	07	9989	40	3	38	02	10	40	8	05	2	8	4	4	4	6	9							
02	10	0003	38	3	36	27	08	40	8	61	6	8	4	4	2	6	9							
02	13	0027	39	3	37	27	05	80	8	01	6	8	4	4	2	6	9							
02	16	0054	38	3	35	00	00	81	8	01	1	8	4	4	3	6	7							
02	19	0078	34	3	32	00	00	82	8	01	1	8	4	4	0	0	0							
02	22	0079	36	3	35	00	00	82	8	03	1	8	4	4	0	0	0	41	32	0031	453	26	24	034
03	01	0069	37	3	35	09	06	82	8	02	2	8	0	9	1	9								
03	04	0045	37	3	36	09	08	81	8	03	2	8	0	9	2	9								
03	07	0000	35	3	33	11	23	40	8	53	6	8	7	4	2	2	9							
03	10	99961	35	3	34	13	30	16	8	71	6	8	7	4	2	3	9							
03	13	99914	39	3	34	14	10	40	8	61	7	8	7	4	2	3	9							
03	16	9889	43	4	43	35	18	03	8	59	6	8	6	6	1	8								
03	19	9847	43	4	43	34	24	06	8	61	6	8	6	6	2	8								
03	22	9799	45	4	45	35	24	24	8	61	6	8	7	3	2	8	44	34	0041	300	35	44	000	
04	01	9757	43	4	42	33	31	16	8	51	6	8	7	3	7	6								
04	04	9813	40	3	36	30	44	40	8	25	1	8	8	4	3	7								
04	07	9874	41	3	38	30	29	80	8	01	1	8	8	8	0	9								
04	10	9897	43	4	42	32	35	64	8	20	5	8	8	3	0	7								
04	13	9895	42	4	42	32	30	24	8	02	5	8	8	3	2	7								
04	16	9892	43	4	40	31	35	40	8	02	2	8	8	3	4	7								
04	19	9858	40	3	38	26	21	64	8	27	8	8	8	2	4	7								
04	22	0003	37	3	36	28	08	81	1	01	1	1	5	4	0	6	44	37	0064	691	30	64	000	
05	01	0031	39	3	35	32	15	81	7	03	1	7	5	5	6	9								
05	04	0032	38	3	37	00	00	80	7	05	2	4	5	7	7	9								
05	07	0032	41	4	40	34	12	80	8	50	2	8	5	3	7	7								
05	10	0031	41	4	41	34	20	08	8	50	5	8	6	2	7	7								
05	13	0031	42	4	42	33	18	24	8	05	4	7	5	7	7	7								
05	16	0032	41	4	41	34	12	40	5	05	2	4	5	7	7	7								
05	19	0032	41	4	41	33	15	81	2	02	2	2	6	2	0	7								
05	22	0037	41	4	41	33	13	81	8	03	1	8	6	4	0	7	43	38	0002	494	33	25	002	
06	01	0033	39	3	39	33	13	01	9	47	2	9	0	0	9									
06	04	0028	40	4	40	34	11	03	9	43	4	9	0	0	9									
06	07	0031	41	4	40	39	29	02	8	05	4	6	5	5	7	9								
06	10	0034	43	4	41	34	12	81	8	02	2	8	5	5	7	9								
06	13	0029	41	4	40	34	08	81	8	02	2	8	5	5	2	8								
06	16	0026	41	4	40	33	14	81	8	02	1	8	5	3	8									
06	19	0025	42	4	41	40	02	12	8	01	1	0	0	9	0	0								
06	22	0023	41	4	40	36	15	80	8	50	2	8	5	3	0	8	44	38	0000	380	01	27	012	
07	01	0014	42	4	40	36	12	81	8	02	2	8	5	4	8									
07	04	0000	42	4	42	35	12	81	8	02	2	8	5	5	8									
07	07	9992	42	4	40	35	14	81	8	02	2	1	6	3	7	8								
07	10	9978	42	4	40	35	13	16	8	52	2	8	6	3	8									
07	13	9963	42	4	40	31	15	81	8	02	2	4	5	4	3	2	7							
07	16	9940	41	4	40	33	20	64	8	60	2	8	7	4	4	4								
07	19	9920	41	4	40	32	21	64	8	61	6	8	7	4	2	7								
07	22	9937	42	4	40	30	24	81	3	01	6	3	5	4	0	7	44	40	0000	325	31	40	022	
08	01	9955	39	3	35	28	27	24	6	87	8	6	2	4	0	6								
08	04	9976	41	3	39	28	32	81	4	01	8	4	2	5	0	6								
08	07	0001	41	3	39	29	20	81	5	01	1	6	5	5	0	6								
08	10	0013	42	4	40	31	18	81	4	01	2	3	5	7	7	0								
08	13	0011	42	4	40	31	17	40	8	05	2	0	0	9	2	8								
08	16	9976	41	4	40	34	15	24	8	63	2	5	7	4	2	8								
08	19	9927	42	4	42	34	25	24	8	61	6	8	7	3	2	8								
08	22	9920	42	4	40	32	27	64	6	01	6	0	0	9	0	6	44	38	0009	600	28	51	030	
09	01	9911	42	4	40	32	28	80	8	03	1	8	5	4	7	9								
09	04	9895	43	4	41	31	33	80	8	02	2	2	5	4	3	7								
09	07	9890	41	3	39	35	30	35	8	21	6	8	5	4	2	9								
09	10	9927	39	3	38	29	25	81	7	02	2	7	5	5	6	9								
09	13	9973	39	3	37	33	27	82	8	02	5	7	8	5	0	1	6							
09	16	0008	37	3	34	26	22	82	8	02	8	8	5	5	6	9								
09	19	0042	36	3	35	26	20	82	1	01	2	1	5	6	0	6								
09	22	0055	38	3	33	29	15	82	3	02	1	3	5	6	0	6	43	36	0013	707	31	55	007	

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND																											
FOR THE MONTH OF SEPTEMBER 1952																											
Table 40 contd.																											
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		SUNSHINE			
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE	HIGH	LOW					MIDDLE	HIGH		DIRECTION	SPEED	Hours
	LST.	Mbs.	°F	°F	°F	°x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	°F	°F	Points	Miles	°x10	Kts.	Hours	
10	01	00 57	39	36	31	31	15	82	2	01	1	2	5	6	0	0	6										
10	04	00 49	40	38	34	31	21	82	4	05	1	4	5	6	0	0	6										
10	07	00 44	41	39	37	31	25	81	7	03	1	1	5	6	0	0	9										
10	10	00 44	40	40	40	32	27	84	8	50	6	8	7	3	2		9										
10	13	00 37	42	41	40	31	23	80	8	02	2	2	8	5	4												
10	16	00 30	41	41	41	32	23	81	8	20	8	8	8	3													
10	19	00 29	41	41	40	32	23	81	8	02	8	8	8	5	4												
10	22	00 21	41	41	40	32	27	81	7	02	2	7	5	4						42	38	00 02	542	32	38	000	
11	01	00 17	41	41	41	31	21	24	8	53	2	8	5	3													
11	04	00 35	40	38	36	29	16	81	6	02	5	6	6	0	0	7											
11	07	00 47	40	37	34	29	14	82	6	02	2	2	6	6	0	0	6										
11	10	00 56	39	37	35	29	18	80	8	80	8	8	8	5	4												
11	13	00 50	40	37	33	30	18	81	8	15	8	8	8	5	6												
11	16	00 39	40	39	37	31	19	81	7	01	8	8	6	5	7	0	1										
11	19	00 31	42	41	40	31	27	80	8	21	2	2	5	4													
11	22	00 34	41	41	41	30	21	24	8	52	5	6	6	2						43	38	00 01	543	31	37	018	
12	01	00 46	40	39	37	27	23	64	7	20	5	7	5	4													
12	04	00 42	41	41	40	30	23	40	8	50	5	8	6	2													
12	07	00 32	41	41	41	32	20	40	8	20	5	8	6	2													
12	10	00 19	42	42	42	32	26	32	8	50	5	8	5	3													
12	13	99 96	42	42	41	31	24	40	8	50	5	8	5	3													
12	16	99 84	42	42	41	31	27	64	8	50	5	8	5	3													
12	19	99 74	42	42	42	32	26	64	8	02	8	8	5	3													
12	22	99 57	42	42	41	32	22	81	8	20	5	8	5	5						43	40	00 01	571	32	34	000	
13	01	99 29	42	41	40	32	29	80	8	20	5	8	5	3													
13	04	99 00	41	41	40	32	30	40	8	51	6	8	6	3													
13	07	98 73	41	41	39	32	30	40	8	02	2	2	6	5	4												
13	10	98 78	43	37	36	34	26	68	8	51	1	6	6	7	2												
13	13	98 88	43	39	37	36	28	10	80	50	6	6	6	5	4												
13	16	98 94	43	40	37	31	29	18	81	02	2	2	6	2	5	0	0										
13	19	99 15	43	35	33	35	33	26	80	4	2	4	2	4	0	0	0										
13	22	99 49	43	35	34	30	26	20	81	5	2	5	2	5	0	0	0			44	34	00 15	688	28	46	023	
14	01	99 66	43	32	26	26	20	81	4	02	8	4	5	5	0	0	6										
14	04	99 80	43	31	25	26	02	82	6	02	2	2	6	5	5	0	0	6									
14	07	00 00	43	31	25	26	02	82	7	02	2	7	5	5	0	0	6										
14	10	99 98	43	34	31	00	00	82	7	02	2	2	6	5	5	0	1	7									
14	13	99 86	43	36	33	34	06	82	7	15	2	2	6	8	5	3	0	9									
14	16	99 78	43	36	31	34	05	82	5	01	2	2	5	6	3	0	0	6									
14	19	99 72	43	37	34	36	10	82	4	01	2	2	5	6	3	0	0	6									
14	22	99 55	40	39	38	36	15	81	0	02	1	0	0	9	0	0	6			41	33	00 09	364	36	31	043	
15	01	99 21	40	40	38	36	21	80	8	50	6	8	5	4													
15	04	98 87	41	40	40	36	26	40	8	61	6	8	7	2	2	8	9										
15	07	98 68	41	41	40	32	16	08	8	51	6	8	7	2	2	8	8										
15	10	98 82	43	42	41	30	22	81	7	02	5	6	5	4	3	0	9										
15	13	99 09	43	40	36	28	25	81	1	02	1	1	1	1	1	0	0	6									
15	16	99 39	42	40	36	29	18	82	0	02	1	0	0	9	0	0	0										
15	19	99 58	41	40	38	31	18	82	0	02	1	0	0	9	0	0	0										
15	22	99 69	42	41	40	32	20	81	8	03	1	6	5	4					44	40	00 20	401	35	38	053		
16	01	99 73	42	41	40	32	20	81	8	02	2	8	5	7													
16	04	99 68	41	41	40	33	16	81	2	01	2	0	0	9	3	0	7										
16	07	99 57	42	41	41	35	20	80	7	03	1	1	6	3	5	6											
16	10	99 37	43	42	41	35	26	64	8	02	2	2	8	6	2	1	1	7									
16	13	99 00	43	43	43	37	30	08	8	10	2	2	8	6	1	1	1	7									
16	16	98 74	43	43	43	37	28	05	8	52	2	4	8	7	1	1	1	9									
16	19	98 52	43	43	43	35	27	08	8	62	6	8	7	1	1	1	1	9									
16	22	98 46	43	43	43	32	20	08	8	61	6	8	7	1	1	1	1	9									
17	01	98 38	42	42	42	32	10	16	8	61	6	8	7	3	2												
17	04	98 38	40	40	39	32	02	40	8	60	6	8	7	3	0	7											
17	07	98 36	40	40	40	00	00	04	9	45	6	9	7	0	0	2	9										
17	10	98 21	42	42	42	35	08	01	9	47	4	9	7	0	0	2	9										
17	13	97 51	42	42	42	35	05	06	8	53	6	8	7	0	2	2	9										
17	16	96 76	44	44	44	36	20	02	9	45	6	9	7	0	0	0	9										
17	19	96 27	44	43	42	34	20	05	8	42	4	8	7	4													
17	22	96 08	43	42	42	32	22	16	8	51	5	8	7	2						45	36	00 37	451	27	62	000	
18	01	97 64	36	36	35	28	40	16	8	90	8	8	2	2													
18	04	98 21	37	35	31	28	31	81	3	01	8	3	8	4	4	0	0	6									
18	07	98 57	40	37	32	31	20	82	1	02	0	1	1	4	0	0	0	6									
18	10	98 61	42	39	35	32	24	82	1	02	1	0	0	9	3	0	0	6									
18	13	98 65	40	39	36	29	25	82	2	26	8	1	5	5	3	0	0	6									
18	16	98 55	39	37	33	28	20	82	4	03	1	4	1	5	0	0	6										
18	19	99 24	38	35	30	28	18	82	1	01	1	1	4	5	0	0	6										
18	22	99 46	39	36	32	28	14	82	1	02	1	1	5	5	0	0	6			43	35	00 20	57				

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF SEPTEMBER 1952

Table 40 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	LOW CLOUD	HIGH					DIRECTION	DIRECTION		SPEED	
	LST.	Mbs.	°F	°F	°F	°x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	C _M	C _L	C _H	C _M	C _H	°F	°F	Points	Miles	°x10	Kts.	Hours
28	01	9824	40	38	35	28	32	81	1	01	2	1	2	5	0	0	6									
28	04	9853	38	35	33	27	28	81	1	02	8	1	4	4	0	0	6									
28	07	9871	35	34	32	25	28	56	4	66	8	4	2	4	0	0	5									
28	10	9901	36	33	32	26	31	56	6	26	8	6	6	4	0	0	6									
28	13	9912	39	36	32	27	29	80	4	02	2	4	4	4	0	0	6									
28	16	9882	42	40	38	30	42	40	8	21	6	8	8	8	0	0	6									
28	19	9872	45	42	41	30	32	40	8	21	6	8	8	8	0	0	6									
28	22	9876	43	42	41	30	32	64	8	50	2	8	8	4			6			43	33	0009	550	25	59	041
29	01	9867	43	42	41	30	30	40	8	02	5	8	5	4			6									
29	04	9839	45	42	41	30	34	40	8	60	6	8	8	8			6									
29	07	9832	43	42	42	30	33	40	8	62	6	8	8	4	0	0	6									
29	10	9869	42	41	39	28	24	32	4	05	8	4	2	2	0	0	6									
29	13	9891	43	41	38	28	22	32	2	05	2	3	2	2	0	0	6									
29	16	9899	42	40	37	30	15	40	3	05	1	3	3	3	0	0	6									
29	19	9901	42	41	40	31	23	80	1	02	0	1	1	1	0	0	6									
29	22	9916	40	36	36	29	20	81	8	21	6	8	8	5			6			44	39	0002	682	29	58	061
30	01	9920	38	38	38	28	16	81	8	27	2	8	2	5			6									
30	04	9900	41	40	39	31	23	81	8	25	8	8	2	5			7									
30	07	9889	40	39	39	31	11	81	8	02	8	6	4	3	5	9	9									
30	10	9871	41	39	37	30	22	81	7	25	2	7	7	2	2	2	6									
30	13	9885	38	38	37	28	22	80	7	81	8	8	8	4			6									
30	16	9908	41	39	36	28	26	80	2	05	8	1	1	1	0	1	6									
30	19	9937	41	38	34	28	24	80	2	02	8	1	1	1	0	1	6									
30	22	9945	41	40	39	31	22	81	2	02	1	2	1	5			7			45	37	0005	537	27	49	040

Table 40. contd.

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF OCTOBER 1952

DAY	HOUR	STATION PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	FAST WEATHER	LOW CLOUD			MIDDLE CLOUD	HIGH CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT			LOW	MIDDLE	HIGH					DIRECTION	SPEED	
	LST.	Mbs.	"F	"F	"F	*x10	Kts.	VV	Okts	ww	W	Okts	Cl	h	Cm	Ch	Cl	Cm	Ch	"F	"F	Points	Miles	*x10	Kts.	Hours
01	01	99 15	42	41	40	32	26	81	8	03	1	8	5	4			7									
01	04	98 81	42	42	42	32	33	40	8	00	1	8	5	4			7									
01	07	98 70	43	41	39	31	32	32	8	00	1	8	5	4			7									
01	10	99 08	43	39	34	29	24	81	8	00	1	8	5	4			7									
01	13	99 26	43	39	33	29	24	81	8	00	1	8	5	4			7									
01	16	99 52	42	38	31	28	28	81	8	00	1	8	5	4			7									
01	19	99 75	42	39	34	29	27	81	8	00	1	8	5	4			7									
01	22	00 01	41	39	36	29	18	81	6	00	2	0	0	0	9	4	6	6	9	44	41	0006	661	31	48	027
02	01	99 93	41	40	38	32	13	81	8	00	2	0	0	0	1											
02	04	99 69	42	41	41	32	22	80	8	00	2	0	0	0			7									
02	07	99 57	42	41	41	32	22	40	8	00	2	0	0	0			7									
02	10	99 38	42	42	41	32	22	40	8	00	2	0	0	0	2			9								
02	13	99 10	42	41	40	32	22	40	8	00	2	0	0	0			7									
02	16	98 70	42	41	41	32	22	40	8	00	2	0	0	0			7									
02	19	98 43	42	41	41	32	22	40	8	00	2	0	0	0			7									
02	22	98 46	39	39	39	20	00	80	8	00	2	0	0	0						43	37	0005	594	25	33	000
03	01	98 64	37	35	31	20	08	81	8	02	2	8	5	4			9									
03	04	98 88	36	33	27	18	05	81	8	00	2	4	5	5	5	7	1	1	1							
03	07	98 90	36	33	27	18	05	81	8	00	2	4	5	5	5	7	1	1	1							
03	10	98 50	35	34	30	19	09	81	8	00	2	4	5	5	5	7	1	1	1							
03	13	98 87	35	33	29	19	09	81	8	00	2	4	5	5	5	7	1	1	1							
03	16	98 77	34	33	31	19	09	81	8	00	2	4	5	5	5	7	1	1	1							
03	19	98 60	35	34	31	19	09	81	8	00	2	4	5	5	5	7	1	1	1							
03	22	98 69	34	33	32	15	02	82	8	00	2	4	5	5	5	7	1	1	1							
04	01	98 78	33	31	28	17	08	40	8	00	7	8	5	4			4									
04	04	98 98	31	30	26	19	08	81	8	00	7	8	5	4			4									
04	07	99 09	32	29	23	22	04	82	7	01	8	7	8	5	5	5	5	5	5							
04	10	99 11	33	31	27	23	05	81	7	01	8	7	8	5	5	5	5	5	5							
04	13	98 95	33	32	23	22	03	81	7	01	8	7	8	5	5	5	5	5	5							
04	16	98 85	32	32	24	24	03	81	6	00	3	3	3	3	3	3	3	3	3							
04	19	98 85	31	29	23	23	02	81	5	00	3	3	3	3	3	3	3	3	3							
04	22	98 82	35	32	26	23	13	81	5	00	1	5	5	5	5	5	5	5	5							
05	01	98 65	36	33	28	25	03	81	6	01	1	6	5	6	0	0	6									
05	04	98 61	37	34	27	27	05	81	6	02	2	7	5	5	1		9									
05	07	98 67	37	34	30	27	23	81	6	00	2	7	5	5	5	5	5	5	5							
05	10	98 85	38	34	26	27	24	82	6	00	2	7	5	5	5	5	5	5	5							
05	13	98 87	39	35	30	27	20	82	5	27	8	8	5	5	0	0	0	0	0							
05	16	98 61	38	35	30	30	15	40	8	68	1	8	5	7	4											
05	19	98 13	36	35	34	27	20	80	8	69	6	8	5	4	0	0	6									
05	22	98 15	35	33	29	28	28	80	8	67	8	2	5	0	0	6				40	33	0012	279	25	54	060
06	01	98 06	36	32	24	26	30	81	4	26	8	4	2	5	0	0	6									
06	04	98 18	35	33	28	26	41	81	6	03	8	6	2	5	0	0	6									
06	07	98 67	30	30	29	25	38	04	8	75	8	8	5	5	0	0	6									
06	10	98 81	36	31	22	27	26	81	6	02	7	6	8	5	0	0	6									
06	13	98 84	36	32	26	27	25	81	6	27	8	6	2	5	0	0	6									
06	16	99 05	37	32	23	26	25	81	4	26	8	4	2	5	0	0	6									
06	19	99 30	36	32	23	25	15	81	6	02	8	6	2	5	0	0	6									
06	22	99 55	34	30	24	00	00	82	2	02	1	2	4	5	0	0	6									
07	01	99 64	35	33	27	00	00	82	2	02	1	1	4	5	0	1	6									
07	04	99 52	38	33	24	33	10	82	7	03	1	0	0	9	6	6	6									
07	07	99 24	35	35	34	35	20	24	8	68	6	8	7	4	2	2	8									
07	10	98 81	43	42	41	30	25	32	8	52	7	8	7	3	4	2	8									
07	13	98 54	44	42	40	35	29	40	8	02	6	8	7	3	2	2	8									
07	16	98 20	43	43	42	33	24	40	8	61	6	8	7	3	2	2	8									
07	19	98 04	43	41	41	32	25	24	8	60	6	8	7	4	2	2	8									
07	22	98 09	41	38	32	32	24	82	7	80	8	7	4	4			6									
08	01	98 18	38	34	26	28	33	81	6	02	8	5	5	5	0	0	6									
08	04	98 22	36	33	26	28	32	81	6	16	2	6	8	5	0	0	6									
08	07	98 38	36	32	25	27	37	81	6	27	8	6	8	5	0	0	6									
08	10	98 67	36	34	29	28	32	80	4	27	8	4	2	2	0	0	6									
08	13	99 15	35	31	24	35	64	6	6	26	8	6	8	5	0	0	6									
08	16	99 57	34	29	19	33	80	6	6	27	8	6	8	5	0	0	6									
08	19	00 06	34	28	12	25	81	8	8	03	8	8	4	5	0	0	6									
08	22	00 40	35	28	14	28	15	81	8	02	2	8	5	6	0	0	6									
09	01	00 55	35	30	23	22	22	80	8	71	7	8	5	6	6	6	6									
09	04	00 68	34	29	18	22	16	81	8	02	7	8	8	5	5	5	5									
09	07	00 79	35	31	24	30	03	81	8	02	2	2	4	8	8	8	8									
09	10	00 76	37	34	30	30	10	81	5	26	2	4	5	5	0	1	6									
09	13	00 57	39	36	32	35	16	80	7	25	8	7	6	4	4	4	6									
09	16	00 27	37	35	35	35	12	80	6	25	2	4	2	4	2	7	0									
09	19	00 46	37	37	32	20	81	8	6	27	8	6	2	5	5	5	5									
09	22	00 06	39	37	35	14	24	81	6	61	5	5	4	0	0	7	7									

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF OCTOBER 1952

Table 40 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	LOW	MIDDLE	HIGH					DIRECTION	SPEED		Hours	
	LST.	Mbs.	°F	°F	°F	*x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	Cm	Ch	CL	Cm	Ch	°F	°F	Points	Miles	*x10	Kts.	Hours
10	01	99558	36	35	34	35	12	24	8	68	6	8	7	3	2											
10	04	99517	36	35	34	35	12	24	8	68	6	8	7	3	2											
10	07	99339	36	35	34	35	12	24	8	68	6	8	7	3	2											
10	10	99379	36	35	34	35	12	24	8	68	6	8	7	3	2											
10	13	00020	36	35	34	35	12	24	8	68	6	8	7	3	2											
10	16	00554	37	35	34	35	12	24	8	68	6	8	7	3	2											
10	19	00867	35	34	33	34	12	24	8	68	6	8	7	3	2											
10	22	01113	34	33	32	33	14	08	8	03	2	8	5	5						39	33	0034	431	16	35	101
11	01	01118	33	31	25	16	16	81	4	02	2	4	5	5	0	0	4	4	4							
11	04	01203	32	30	26	15	22	82	6	02	2	6	5	5	0	0	4	4	4							
11	07	01443	32	30	25	15	25	82	8	02	2	6	5	5	0	0	4	4	4							
11	10	01442	33	30	24	16	32	80	6	01	2	6	5	5	0	0	4	4	4							
11	13	01725	33	31	26	16	22	80	7	02	2	7	5	5	0	0	4	4	4							
11	16	01944	33	30	25	16	23	80	8	02	2	7	5	5	0	0	4	4	4							
11	19	02411	30	28	23	14	22	80	8	02	2	8	5	5	0	0	4	4	3							
11	22	02776	30	28	24	14	20	80	8	02	2	8	5	5	0	0	4	3	3							
12	01	02990	30	27	22	15	17	81	8	02	2	8	5	5			4	4	4							
12	04	03099	30	29	27	12	12	81	8	02	2	8	5	5			4	4	3							
12	07	03188	31	28	23	14	16	81	8	02	2	8	5	5			4	4	3							
12	10	03133	31	29	24	12	12	81	8	02	2	8	5	5			2	2	2							
12	13	02997	33	31	26	12	15	82	8	01	2	4	5	5	0	1	9									
12	16	02993	32	30	26	09	10	82	8	02	2	6	5	5			2	2	2							
12	19	02774	34	32	27	08	10	82	8	02	2	6	5	5			2	2	2							
12	22	02330	37	35	33	10	12	82	8	02	2	8	5	5			1	1	1							
13	01	01922	38	37	36	10	20	82	8	02	2	8	5	4			1	2	2							
13	04	01511	39	38	37	09	20	81	8	02	2	8	5	4			2	2	2							
13	07	01177	39	39	39	09	14	32	8	61	6	7	3	2	2		2	2	2							
13	10	00778	40	39	39	10	15	40	8	61	6	7	3	2	2		2	2	2							
13	13	00188	41	40	39	10	05	04	8	51	6	6	1	1	2		2	2	2							
13	16	99775	42	42	42	34	04	01	8	44	5	6	6	3	3											
13	19	99558	42	42	42	29	10	16	8	05	5	6	6	3	7											
13	22	99556	42	41	39	30	11	80	5	01	6	6	4	0	0	7				43	37	0023	504	10	28	001
14	01	99559	41	41	40	29	03	81	1	02	0	1	6	4	0	0	7									
14	04	99775	40	40	40	28	13	01	9	47	4	9	0	0	0											
14	07	99776	41	40	39	24	18	81	4	03	4	3	1	3	0	1	5	9								
14	10	00001	41	40	40	29	06	64	8	05	6	7	5	3			6	6	5							
14	13	99996	42	41	40	25	03	80	8	50	5	5	5	3			6	6	5							
14	16	99995	41	40	39	24	02	81	8	50	5	5	5	3			5	5	5							
14	19	99991	39	38	37	00	00	81	8	05	1	8	5	4			4	4	4							
14	22	99996	37	36	35	00	00	80	8	05	1	8	5	4			4	4	4							
15	01	99882	37	36	35	00	00	80	8	05	2	8	6	3			4	9	9							
15	04	99775	37	36	35	15	02	81	7	02	2	1	5	4	7	4	9	9								
15	07	99779	39	38	38	16	08	81	8	02	2	8	5	5	3	4	4	4								
15	10	99881	38	38	37	14	10	06	8	53	5	8	7	3	5	4	4	4								
15	13	99888	37	36	33	16	07	81	8	02	2	8	5	5	4	4	4	4								
15	16	00002	36	34	30	00	00	82	7	02	2	7	5	5	0	1	4	4	6							
15	19	00112	36	34	30	09	01	82	7	02	2	0	0	0	9	0	6	6	6							
15	22	00226	35	34	31	00	00	82	4	02	0	4	5	5	0	0	8	8	8							
16	01	00199	39	37	34	32	04	82	8	02	0	8	5	5			8	7	7							
16	04	00174	40	39	38	34	11	81	8	02	2	8	5	5			7	7	7							
16	07	00099	42	40	36	32	10	81	8	02	2	8	5	5			8	8	8							
16	10	00001	42	41	40	36	15	82	8	02	2	8	5	5			8	8	8							
16	13	99668	41	40	39	34	16	81	8	02	2	8	5	5			8	8	8							
16	16	99330	42	41	40	34	18	40	8	61	6	8	5	2	2		8	8	8							
16	19	98886	43	42	42	34	25	40	8	61	6	7	7	3	2		9	9	9							
16	22	98339	44	43	42	35	32	40	8	60	6	8	7	3	8		8	8	8							
17	01	97880	44	44	44	35	30	24	8	61	6	8	7	3	2		8	9	9							
17	04	97555	43	43	43	32	22	40	8	05	6	8	5	3	3		7	7	7							
17	07	97445	43	43	42	32	25	32	8	50	8	8	5	3	3		7	7	7							
17	10	97199	44	44	43	32	35	64	8	50	8	8	5	4	4		7	7	9							
17	13	97702	43	43	43	32	33	24	8	50	8	8	5	2	2		6	6	6							
17	16	97724	40	39	37	29	37	80	7	80	8	8	7	8	5		6	6	6							
17	19	97666	37	37	37	28	38	04	8	90	8	8	8	2	4		6	6	6							
17	22	98118	36	35	34	27	28	40	6	89	8	6	2	4	0	0	6	6	6							
18	01	98556	34	34	34	28	23	40	6	27	8	6	2	4	0	0	6	6	6							
18	04	99103	35	34	31	25	28	64	7	15	8	6	2	2	5		6	6	6							
18	07	99440	37	35	33	27	28	80	6	26	8	6	2	2	5		6	6	6							
18	10	99660	39	37	34	29	34	81	8	02	8	6	2	3	3		6	6	6							
18	13	99338	41	39	34	29	34	81	8	50	2	6	2	5	5		6	6	6							
18	16	00007	38	34	32	25	30	80	6	26	8	6	2	5	0	0	6	6	6							
18	19	00557	37	33	24	26	24	82	1	01	2	1	4	5	0	0	6	6	6							
18	22	00889	38	35	31	28	20	82	0	01	1	0	0	9	0	0	6	6	6							

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF OCTOBER 1952

Table 40 contd.

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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	LOW	MIDDLE					HIGH	DIRECTION		SPEED	Hours
	LST.	Mbs.	°F	°F	°F	*x10	Kts.	VV	Okts	ww	W	Okts	CL	h	CM	CH	CL	CM	CH	°F	°F	Points	Miles	*x10	Kts	Hours
19	01	00 89	40	38	35	30	15	8	2	03	1	1	1	5	5	0	0	7								
19	04	00 82	41	40	37	31	15	8	4	03	1	1	1	5	5	0	0	7								
19	07	00 68	42	41	38	31	29	8	8	15	2	2	2	2	2	2	2	9								
19	10	00 58	43	42	39	31	29	8	8	21	2	2	2	2	2	2	2	9								
19	13	00 58	44	42	40	31	30	8	8	05	6	6	6	6	6	6	6	9								
19	16	00 18	44	43	42	31	32	8	8	60	2	2	2	2	2	2	2	9								
19	19	00 06	44	43	43	31	33	8	8	05	6	6	6	6	6	6	6	9								
19	22	00 08	43	43	43	31	30	8	8	63	6	6	6	6	6	6	6	9	45	40	0004	644	31	47	000	
20	01	00 03	43	43	43	31	27	8	8	61	6	6	6	6	6	6	6	9								
20	04	00 20	41	41	40	29	12	8	8	61	6	6	6	6	6	6	6	9								
20	07	00 73	39	38	36	28	22	8	8	02	0	0	0	0	0	0	0	9								
20	10	00 98	42	41	39	28	09	8	3	01	1	1	1	1	1	1	1	9								
20	13	01 38	43	43	43	26	11	8	1	02	1	1	1	1	1	1	1	9								
20	16	01 71	43	43	43	26	02	8	0	01	1	1	1	1	1	1	1	9								
20	19	02 01	38	37	35	27	02	8	0	01	1	1	1	1	1	1	1	9								
20	22	02 13	36	35	35	00	00	8	0	02	0	0	0	0	0	0	0	9								
21	01	02 12	38	38	37	34	01	8	0	02	0	0	0	0	0	0	0	9								
21	04	02 02	38	38	37	34	06	8	1	02	0	0	0	0	0	0	0	9								
21	07	01 81	40	39	38	33	17	8	5	03	1	1	1	1	1	1	1	9								
21	10	01 49	42	40	39	35	24	8	8	02	2	1	1	1	1	1	1	9								
21	13	01 04	42	41	40	35	22	8	8	05	2	2	2	2	2	2	2	9								
21	16	00 46	42	42	42	35	25	8	8	60	2	2	2	2	2	2	2	9								
21	19	00 03	43	43	43	34	24	8	8	61	6	6	6	6	6	6	6	9								
21	22	99 63	43	43	43	33	18	8	8	63	6	6	6	6	6	6	6	9	44	38	0000	307	35	44	043	
22	01	99 27	44	45	43	32	20	8	8	63	6	6	6	6	6	6	6	9								
22	04	98 88	43	43	43	30	05	8	9	47	6	9	9	9	9	9	9	9								
22	07	98 86	40	40	40	26	08	8	8	05	4	7	6	6	6	6	6	9								
22	10	98 87	41	40	39	27	14	8	8	03	1	8	5	5	5	5	5	9								
22	13	98 85	41	37	33	25	17	8	4	01	8	7	4	4	4	4	4	9								
22	16	98 88	39	36	33	21	17	8	7	03	2	7	8	4	4	4	4	9								
22	19	98 84	39	37	34	29	17	8	8	25	2	8	8	8	8	8	8	9								
22	22	98 74	35	35	35	25	30	8	8	69	7	8	5	4	4	4	4	9	44	34	0085	580	27	51	039	
23	01	98 97	36	34	30	26	30	8	2	27	8	2	2	5	0	0	6	9								
23	04	99 31	34	32	28	25	34	8	6	27	8	6	2	5	0	0	6	9								
23	07	99 73	37	36	33	26	32	8	5	27	8	5	2	5	0	0	6	9								
23	10	99 94	38	36	33	27	27	8	5	02	2	5	2	5	0	0	6	9								
23	13	00 12	39	35	32	27	24	8	8	03	3	2	2	5	0	0	6	9								
23	16	00 01	36	36	35	30	23	8	8	61	6	8	5	4	4	4	4	9								
23	19	99 72	41	41	41	29	34	8	8	60	6	8	5	4	4	4	4	9								
23	22	99 88	41	41	41	28	32	8	8	60	6	8	5	4	4	4	4	9	42	31	0007	621	27	64	066	
24	01	00 22	39	39	39	26	24	8	7	02	6	7	5	4	4	4	4	9								
24	04	00 53	38	37	35	25	20	8	6	02	2	5	8	4	0	1	6	9								
24	07	00 69	39	39	38	27	16	8	8	02	2	6	2	4	6	6	6	9								
24	10	00 83	40	38	36	27	20	8	7	25	8	5	8	5	3	3	3	9								
24	13	00 73	41	40	39	29	16	8	7	50	5	7	7	3	6	6	6	9								
24	16	00 47	42	42	42	30	24	8	8	61	6	8	7	7	3	2	2	9								
24	19	00 30	43	42	42	29	25	8	8	02	6	8	5	8	6	6	6	9								
24	22	00 08	42	42	41	30	24	8	8	61	6	8	7	3	2	2	2	9	43	37	0009	651	30	42	043	
25	01	00 01	42	41	40	28	26	8	8	61	6	8	7	3	2	2	2	9								
25	04	00 27	37	36	33	19	07	8	8	02	6	8	5	4	4	4	4	9								
25	07	00 70	36	32	25	20	82	7	0	18	7	5	5	5	0	0	5	9								
25	10	00 94	36	34	26	22	82	6	0	22	6	6	6	6	0	0	5	9								
25	13	01 03	37	35	30	25	81	8	8	55	8	8	2	2	5	5	5	9								
25	16	01 14	36	33	27	27	81	8	8	27	8	8	8	8	5	5	5	9								
25	19	01 27	36	33	27	26	81	8	8	08	8	8	8	8	3	0	5	9	42	33	0021	610	27	61	033	
25	22	01 24	35	35	35	25	28	8	8	26	8	5	2	4	4	0	0	5	9							
26	01	01 46	35	32	26	27	30	8	4	02	8	4	4	5	0	0	5	9								
26	04	01 54	35	34	30	25	25	8	6	27	8	6	6	5	0	0	5	9								
26	07	01 60	35	35	31	28	28	8	7	02	8	7	7	8	5	5	5	9								
26	10	01 65	38	36	33	33	31	8	8	02	8	8	8	8	5	5	5	9								
26	13	01 75	38	36	33	33	31	8	8	02	8	8	8	8	5	5	5	9								
26	16	01 89	38	36	33	33	29	8	8	02	8	8	8	8	5	5	5	9								
26	19	02 07	38	35	30	24	20	8	8	02	8	8	8	8	5	5	5	9								
26	22	02 14	38	35	30	25	81	8	8	02	8	8	8	8	5	5	5	9	39	34	0003	667	26	52	040	
27	01	02 12	38	36	33	26	23	8	8	02	8	8	8	8	5	5	5	9								
27	04	02 05	38	37	35	25	81	8	8	02	8	8	8	8	5	5	5	9								
27	07	02 05	38	37	35	25	81	8	8	02	8	8	8	8	5	5	5	9								
27	10	01 98	40	39	38	27	26	8	8	02	8	8	8	8	5	5	5	9								
27	13	01 79	41	41	41	27	25	8	8	02	8	8	8	8	5	5	5	9								
27	16	01 72	41	41	41	27	25	8	8	03	2	7	5	5	0	0	6	9								
27	19	01 71	41	41	41	28	80	8	8	50	2	8	5	5	3	3	3	9								
27	22	01 73	40	40	40	24	80	8	8	05	5	8	5	5	6	6	6	9	42	37	0000	615	27	38	026	

**RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF OCTOBER 1952**

Table 40 contd.

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		SUNSHINE				
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		Points	Miles	DIRECTION	SPEED
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	WV	Oktas	ww	W	Oktas	CL	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	"x10	Kts.	Hours		
28	01	01 74	40	40	39	21	40	8	8	50	5	8	8	8														
28	04	01 79	39	39	39	20	40	8	8	50	5	8	8	8														
28	07	01 82	40	40	40	20	40	8	8	50	5	8	8	8														
28	10	01 78	40	40	39	20	40	8	8	50	5	8	8	8														
28	13	01 68	41	40	40	20	40	8	8	50	5	8	8	8														
28	16	01 45	40	40	40	20	40	8	8	50	5	8	8	8														
28	19	01 45	40	40	40	20	40	8	8	50	5	8	8	8														
28	22	01 33	38	38	38	20	40	8	8	50	5	8	8	8							42	38	0001	555	27	36	025	
29	01	01 23	39	39	39	20	48	8	8	50	5	8	8	8														
29	04	01 02	38	38	38	20	80	8	8	50	5	8	8	8														
29	07	00 59	40	40	39	20	80	8	8	50	5	8	8	8														
29	10	00 57	41	41	41	20	80	8	8	50	5	8	8	8														
29	13	00 57	42	42	41	20	80	8	8	50	5	8	8	8														
29	16	00 45	41	41	41	20	56	8	8	50	5	8	8	8														
29	19	00 39	38	37	35	16	81	8	8	50	5	8	8	8														
29	22	00 36	37	35	32	11	81	8	8	50	5	8	8	8														
30	01	00 70	35	35	30	00	81	7	8	50	5	8	8	8														
30	04	00 72	35	33	28	03	81	8	8	50	5	8	8	8														
30	07	00 81	36	33	27	04	81	8	8	50	5	8	8	8														
30	10	00 80	36	34	28	10	81	8	8	50	5	8	8	8														
30	13	00 76	36	34	27	10	81	8	8	50	5	8	8	8														
30	16	00 73	36	35	28	08	81	8	8	50	5	8	8	8														
30	19	00 75	35	35	29	00	82	8	8	50	5	8	8	8														
30	22	00 81	35	35	29	04	82	8	8	50	5	8	8	8														
31	01	00 79	35	33	29	20	82	8	8	50	5	8	8	8														
31	04	00 82	34	32	27	18	82	8	8	50	5	8	8	8														
31	07	00 95	34	31	26	16	82	8	8	50	5	8	8	8														
31	10	01 01	34	31	26	11	82	8	8	50	5	8	8	8														
31	13	01 07	34	32	27	11	81	8	8	50	5	8	8	8														
31	16	01 11	34	30	25	05	81	8	8	50	5	8	8	8														
31	19	01 22	32	29	25	04	82	8	8	50	5	8	8	8														
31	22	01 27	32	29	23	02	82	8	8	50	5	8	8	8														

Table 40 contd. RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF NOVEMBER 1952

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	LAST WEATHER	LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	HEIGHT	MIDDLE	HIGH	LOW	MIDDLE					HIGH	DIRECTION		SPEED	Hours
	LST.	Mbs.	°F	°F	°F	°x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	°F	°F	Points	Miles	°x10	Kts.	Hours
01	01	01 27	31	28	23	00	00	82	6	02	N	6	5	5	0	0	1									
01	04	01 18	31	28	23	00	00	82	6	02	N	6	5	5	0	0	1									
01	07	01 11	33	30	25	00	00	82	6	02	N	6	5	5	0	0	1									
01	10	00 94	36	33	28	00	00	82	6	02	N	6	5	5	0	0	1									
01	13	00 72	38	35	30	00	00	82	6	02	N	6	5	5	0	0	1									
01	16	00 47	39	36	31	00	00	82	6	02	N	6	5	5	0	0	1									
01	19	00 20	39	38	32	00	00	82	6	02	N	6	5	5	0	0	1									
01	22	00 00	40	38	33	00	00	82	6	02	N	6	5	5	0	0	1									
02	01	99 69	40	39	37	30	15	82	8	02	N	8	6	6	0	0	1			41	30	0000	241	31	26	0 11
02	04	99 52	40	40	40	29	17	81	8	02	N	8	6	6	0	0	1									
02	07	99 42	41	41	41	28	11	81	8	02	N	8	6	6	0	0	1									
02	10	99 42	42	41	40	27	10	81	8	02	N	8	6	6	0	0	1									
02	13	99 51	38	37	37	16	15	81	8	02	N	8	6	6	0	0	1									
02	16	99 70	34	32	27	16	20	81	7	02	N	7	7	7	0	0	1									
02	19	99 87	32	29	23	15	15	81	6	01	N	6	6	6	0	0	1									
02	22	00 05	32	29	24	15	05	82	7	02	N	7	7	7	0	0	1									
03	01	00 10	31	28	21	00	00	82	8	03	N	8	5	5	0	0	1									
03	04	00 11	30	28	20	00	00	82	7	01	N	7	5	5	0	0	1									
03	07	00 17	32	29	22	00	00	82	8	03	N	8	5	5	0	0	1									
03	10	00 14	35	31	23	00	00	82	8	03	N	8	5	5	0	0	1									
03	13	00 17	37	33	24	00	00	82	7	02	N	7	5	5	0	0	1									
03	16	00 18	34	31	26	00	00	82	8	03	N	8	5	5	0	0	1									
03	19	00 26	33	31	26	00	00	82	8	03	N	8	5	5	0	0	1									
03	22	00 35	34	31	25	00	00	82	8	03	N	8	5	5	0	0	1									
04	01	00 50	34	32	28	00	00	81	8	02	N	8	5	5	0	0	1									
04	04	00 53	33	31	27	00	00	81	7	02	N	7	5	5	0	0	1									
04	07	00 67	37	34	29	25	03	81	7	02	N	7	5	5	0	0	1									
04	10	00 76	38	35	30	19	03	81	7	02	N	7	5	5	0	0	1									
04	13	00 79	40	36	34	00	00	81	3	01	N	3	5	5	0	0	1									
04	16	00 82	38	36	34	15	02	81	7	03	N	7	5	5	0	0	1									
04	19	00 87	37	36	34	00	00	81	8	02	N	8	5	5	0	0	1									
04	22	00 90	36	35	33	05	01	81	8	02	N	8	5	5	0	0	1									
05	01	00 82	36	36	34	32	02	81	8	02	N	8	5	5	0	0	1									
05	04	00 68	36	35	34	00	00	81	8	02	N	8	5	5	0	0	1									
05	07	00 57	36	35	33	00	00	81	8	02	N	8	5	5	0	0	1									
05	10	00 46	36	37	34	00	00	81	8	16	N	16	6	6	0	0	1									
05	13	00 30	40	38	36	00	00	81	8	02	N	8	5	5	0	0	1									
05	16	00 21	39	38	36	25	03	81	8	00	N	00	6	6	0	0	1									
05	19	00 19	37	37	36	00	00	81	8	25	N	25	6	6	0	0	1									
05	22	00 22	37	36	34	16	02	81	8	02	N	8	5	5	0	0	1									
06	01	00 17	38	36	33	18	07	81	8	02	N	8	5	5	0	0	1									
06	04	00 18	38	35	33	18	06	81	8	15	N	15	6	6	0	0	1									
06	07	00 28	38	34	30	17	09	81	8	15	N	15	6	6	0	0	1									
06	10	00 40	38	34	31	16	10	81	8	26	N	26	6	6	0	0	1									
06	13	00 46	38	35	28	15	10	81	8	02	N	8	5	5	0	0	1									
06	16	00 52	38	34	30	15	08	81	8	02	N	8	5	5	0	0	1									
06	19	00 61	38	34	30	16	06	81	8	02	N	8	5	5	0	0	1									
06	22	00 68	38	35	28	16	07	81	8	02	N	8	5	5	0	0	1									
07	01	00 69	38	35	33	15	03	81	8	00	N	00	6	6	0	0	1									
07	04	00 79	38	34	33	29	00	81	8	00	N	00	6	6	0	0	1									
07	07	00 89	38	35	34	31	00	81	8	00	N	00	6	6	0	0	1									
07	10	00 85	37	35	34	27	00	81	8	00	N	00	6	6	0	0	1									
07	13	00 81	38	34	27	00	00	81	8	00	N	00	6	6	0	0	1									
07	16	00 81	38	35	29	00	00	81	8	00	N	00	6	6	0	0	1									
07	19	00 83	36	35	33	00	00	81	8	00	N	00	6	6	0	0	1									
07	22	00 78	36	35	32	26	03	81	8	00	N	00	6	6	0	0	1									
08	01	00 69	36	34	31	24	02	81	8	02	N	8	5	7	0	0	1									
08	04	00 56	37	34	29	27	05	81	8	00	N	00	5	5	0	0	1									
08	07	00 52	38	36	33	26	10	82	7	00	N	00	5	5	0	0	1									
08	10	00 45	42	39	36	28	12	82	7	00	N	00	6	6	0	0	1									
08	13	00 37	38	38	38	25	10	64	8	80	N	80	4	4	0	0	1									
08	16	00 28	39	36	30	27	13	81	3	16	N	16	5	5	0	0	1									
08	19	00 21	38	33	24	27	18	81	8	16	N	16	5	5	0	0	1									
08	22	00 12	37	35	25	27	24	81	8	02	N	8	5	6	0	0	1									
09	01	99 90	35	32	25	27	22	81	8	80	N	80	4	4	0	0	1									
09	04	99 81	35	31	24	27	20	64	8	80	N	80	5	5	0	0	1									
09	07	99 85	33	30	25	25	15	80	8	85	N	85	5	5	0	0	1									
09	10	99 84	34	30	22	22	17	81	8	26	N	26	5	5	0	0	1									
09	13	99 82	34	30	23	24	15	81	8	85	N	85	5	5	0	0	1									
09	16	99 80	33	30	22	18	15	81	8	15	N	15	5	5	0	0	1									
09	19	99 81	32	28	19	22	05	81	8	22	N	22	5	5	0	0	1									
09	22	99 75	32	30	26	22	08	81	8	22	N	22	5	5	0	0	1									
09	22	99 75	32	30	26	22	08	81	8	22	N	22	5	5	0	0	1									

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF NOVEMBER 1952

Table 40 contd.

DAY	HOUR	STATION LEVEL PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	LAST WEATHER	LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANELOMETER	MAXIMUM GUST		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
19	01	00 49	36	33	27	14	08	8	2	0	3	3	4	5	0	0	3									
19	04	00 31	35	33	28	13	15	8	2	4	4	4	5	5	0	0	3									
19	07	00 22	37	34	29	12	04	8	5	0	1	1	5	5	0	0	3									
19	10	00 01	39	36	31	10	04	8	5	0	1	1	5	5	0	0	2									
19	13	99 67	39	36	31	11	07	8	5	0	2	2	1	1	0	0	2									
19	16	99 43	39	36	30	09	01	8	3	0	2	2	3	1	0	0	2									
19	19	99 23	38	35	30	01	01	8	5	0	3	1	2	1	0	0	1									
19	22	98 99	38	35	33	01	02	8	8	0	3	2	8	5	0	0	8				41	34	0000	390	12 23 111	
20	01	98 71	39	37	34	32	02	8	8	60	2	8	5	4	1	1	8									
20	04	98 46	38	38	38	00	00	8	0	0	0	0	0	0	0	0	8									
20	07	98 38	40	40	40	00	00	8	16	0	5	5	6	6	2	2	8									
20	10	98 33	42	42	41	25	10	8	8	0	2	2	2	2	5	5	6									
20	13	98 34	43	41	39	24	05	8	8	0	2	2	2	2	4	4	4									
20	16	98 37	45	43	40	23	06	8	8	0	2	2	6	6	5	5	5									
20	19	98 61	40	38	35	20	05	8	6	0	1	2	2	2	5	5	7									
20	22	98 76	39	38	37	18	03	8	8	50	8	8	8	5	4	5	9				46	38	0006	165	25 27 003	
21	01	98 89	39	38	37	16	04	8	8	0	2	8	6	5	5	7	4									
21	04	99 18	37	36	35	24	07	8	8	83	8	7	2	2	4	4	5									
21	07	99 36	39	37	34	24	05	8	3	15	8	3	8	8	0	0	5									
21	10	99 52	41	39	36	24	10	8	7	0	3	1	7	2	4	4	5									
21	13	99 70	44	42	38	25	13	8	6	0	2	1	5	1	5	5	3									
21	16	99 78	44	43	41	26	09	8	7	0	5	7	7	8	8	6	6									
21	19	99 90	43	43	42	29	02	8	8	0	2	2	8	8	5	5	6									
21	22	99 96	43	42	41	31	04	8	8	0	2	2	8	8	5	5	6				46	36	0002	236	26 31 077	
22	01	99 94	42	42	42	32	01	8	8	50	2	7	5	5	5	7	7									
22	04	99 92	43	42	41	28	01	8	8	0	2	8	8	8	8	0	7									
22	07	99 92	43	42	41	00	00	8	6	0	2	2	6	6	5	5	7									
22	10	99 91	45	45	44	32	02	8	4	0	2	2	1	1	1	1	7									
22	13	99 91	49	47	44	36	04	8	3	0	2	2	1	1	1	1	9									
22	16	99 88	46	45	42	35	02	8	6	0	3	2	6	6	5	5	8									
22	19	99 88	44	43	43	00	00	8	5	0	2	1	1	1	1	3	8									
22	22	99 91	43	43	43	00	00	8	8	0	3	2	8	6	2	2	9				49	41	0000	224	35 12 095	
23	01	99 85	41	41	41	15	04	8	6	10	2	6	6	1	0	0	9									
23	04	99 93	42	42	42	15	10	8	8	0	2	2	7	6	2	2	3									
23	07	00 03	44	43	42	11	09	8	8	0	2	2	1	1	6	3	3									
23	10	00 12	44	43	40	14	08	8	8	0	2	2	3	3	1	4	3									
23	13	00 18	43	42	41	15	12	8	8	0	2	2	3	3	5	3	3									
23	16	00 31	43	42	41	14	12	8	7	0	2	2	2	2	6	4	1									
23	19	00 57	39	39	39	14	14	8	8	10	2	2	8	6	6	6	3									
23	22	00 72	40	40	40	13	10	8	8	50	2	8	8	6	2	2	3				45	39	0000	210	15 21 014	
24	01	00 89	40	39	38	14	14	8	8	0	2	2	8	5	3	3	5									
24	04	01 13	39	38	35	13	13	8	8	0	2	2	8	5	3	3	5									
24	07	01 36	39	37	35	14	07	8	1	0	1	1	1	1	6	5	5									
24	10	01 52	41	38	35	12	04	8	1	0	2	0	1	1	1	1	5									
24	13	01 60	43	39	34	03	02	8	3	6	0	2	1	1	1	1	6									
24	16	01 71	43	40	35	03	03	8	8	0	2	1	3	3	5	5	6									
24	19	01 71	41	40	35	04	03	8	8	0	2	2	8	5	5	5	6									
24	22	01 69	43	41	38	14	14	8	8	0	2	2	8	5	5	7	7				44	38	0000	352	31 28 096	
25	01	01 63	44	41	38	31	18	8	8	0	2	2	8	5	5	7	7									
25	04	01 61	44	42	40	31	20	8	8	0	2	2	8	5	5	7	7									
25	07	01 59	44	42	40	32	22	8	7	0	2	2	5	5	4	4	7									
25	10	01 42	45	43	39	32	26	8	8	0	2	2	8	5	5	6	9									
25	13	01 18	46	44	41	32	28	8	6	0	1	2	4	5	4	3	6									
25	16	00 97	45	44	42	31	30	8	8	0	2	2	1	4	7	7	7									
25	19	00 93	44	43	43	31	27	8	8	6	1	6	8	7	4	7	9									
25	22	00 72	44	44	44	32	25	8	8	6	1	6	8	7	2	2	7				47	43	0000	373	32 40 036	
26	01	00 65	44	44	44	31	20	8	8	5	1	6	8	7	2	2	7									
26	04	00 67	44	44	44	30	11	8	8	10	5	8	6	6	0	0	7									
26	07	00 74	44	44	44	30	12	8	8	0	2	2	8	6	3	3	7									
26	10	00 75	45	44	43	29	20	8	8	50	2	8	5	3	3	6	6									
26	13	00 75	45	44	44	29	15	8	8	20	5	8	5	3	3	6	6									
26	16	00 68	44	44	44	31	12	8	9	4	5	2	9	0	0	0	7									
26	19	00 68	44	44	43	31	12	8	9	4	5	4	9	0	0	0	7									
26	22	00 64	44	44	44	32	16	8	8	5	1	4	8	5	2	7	7				46	43	0019	605	31 27 001	
27	01	00 46	44	44	44	31	15	8	8	5	8	6	6	2	2	7	9									
27	04	00 39	44	44	44	31	17	8	8	6	1	6	8	7	2	2	7									
27	07	00 41	44	44	44	31	15	8	8	6	2	6	8	7	2	2	7									
27	10	00 41	44	44	44	31	17	8	8	6	0	5	8	6	0	1	7									
27	13	00 41	44	44	44	32	09	8	8	6	1	6	8	6	1	1	7									
27	16	00 35	43	43	43	31	07	8	8	6	1	6	8	6	0	0	7									
27	19	00 43	43	43	43	30	04	8	8	6	1	6	8	6	0	0	7									
27	22	00 52	43	43	43	30	05	8	8	5	9	6	6	0	1	2	7				44	42	0026	433	30 23 000	

Table 40 contd. RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF DECEMBER 1952

DAY	HOUR	STATION LEVEL PRESSURE		DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			MIDDLE CLOUD		HIGH CLOUD		MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEMOMETER	MAXIMUM GUST		SUNSHINE
		LST.	Mbs.				"F	"F					"F	"x10	Kts.	OKtas	ww	W	OKtas					CL	h	
01	01	02 30	3.8	3.5	3.0	00	00	8	3	6	02	2	6	5	5	0	0	6	7	7	7					
01	04	02 26	3.8	3.5	3.0	00	00	8	3	8	02	2	8	5	5	0	0	6	7	7	7					
01	07	02 20	4.0	3.7	3.4	00	00	8	3	8	02	2	8	5	5	0	0	6	7	7	7					
01	10	02 17	4.1	3.8	3.3	00	00	8	3	8	02	2	8	5	5	0	0	6	7	7	7					
01	13	02 03	4.3	4.0	3.5	00	00	8	3	6	01	1	6	5	5	3	0	6	7	7	7					
01	16	01 55	4.4	4.2	3.8	00	00	8	3	5	02	2	5	5	5	4	4	6	7	7	7					
01	19	01 46	4.5	4.3	4.1	00	00	8	3	7	02	2	7	5	5	4	4	6	7	7	7					
01	22	01 31	4.5	4.3	4.1	00	00	8	3	7	02	2	7	5	5	4	4	6	7	7	7					
02	01	01 67	4.3	4.2	4.1	00	00	8	3	8	02	2	8	5	5	6	6	6	6	6	6	46	37	0000	167	29 28 049
02	04	01 42	4.3	4.2	4.1	00	00	8	3	8	02	2	8	5	5	6	6	6	6	6	6					
02	07	01 31	4.3	4.2	4.1	00	00	8	3	8	02	2	8	5	5	6	6	6	6	6	6					
02	10	01 17	4.3	4.2	4.1	00	00	8	3	8	02	2	8	5	5	6	6	6	6	6	6					
02	13	01 01	4.4	4.4	4.3	00	00	8	3	8	02	2	8	5	5	6	6	6	6	6	6					
02	16	00 56	4.4	4.4	4.3	00	00	8	3	8	02	2	8	5	5	6	6	6	6	6	6					
02	19	00 47	4.4	4.4	4.3	00	00	8	3	8	02	2	8	5	5	6	6	6	6	6	6					
02	22	00 30	4.5	4.5	4.2	00	00	8	3	7	02	2	7	5	5	6	6	6	6	6	6	45	42	0000	429	28 33 000
03	01	00 87	4.2	4.2	4.1	00	00	8	3	7	02	2	7	5	5	6	6	6	6	6	6					
03	04	00 89	4.2	4.2	4.1	00	00	8	3	7	02	2	7	5	5	6	6	6	6	6	6					
03	07	00 93	4.5	4.5	4.2	00	00	8	3	4	02	2	4	5	5	0	0	6	6	6	6					
03	10	00 84	4.5	4.5	4.2	00	00	8	3	6	02	2	6	5	5	0	0	6	6	6	6					
03	13	00 81	4.6	4.6	4.2	00	00	8	3	4	01	1	4	5	5	0	0	6	6	6	6					
03	16	00 75	4.5	4.5	4.1	00	00	8	3	6	03	3	6	5	5	0	0	6	6	6	6					
03	19	00 65	4.5	4.5	4.0	00	00	8	3	6	02	2	6	5	5	0	0	6	6	6	6					
03	22	00 57	4.5	4.5	4.0	00	00	8	3	4	01	1	4	5	5	0	0	6	6	6	6	47	41	0002	371	26 31 096
04	01	00 46	4.2	4.1	3.9	00	00	8	3	6	02	2	6	5	5	3	0	6	6	6	6					
04	04	00 30	4.2	4.2	4.2	00	00	8	3	8	53	5	8	6	6	2	2	6	6	6	6					
04	07	00 22	4.4	4.4	4.3	00	00	8	3	8	50	5	8	6	6	3	3	6	6	6	6					
04	10	00 07	4.5	4.4	4.3	00	00	8	3	8	02	2	8	6	6	3	3	6	6	6	6					
04	13	99 50	4.4	4.4	4.3	00	00	8	3	8	52	5	8	6	6	4	4	6	6	6	6					
04	16	99 37	4.4	4.4	4.3	00	00	8	3	8	02	2	8	6	6	4	4	6	6	6	6					
04	19	99 26	4.4	4.4	4.3	00	00	8	3	7	02	2	7	6	6	5	5	6	6	6	6					
04	22	99 52	4.3	4.3	4.3	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7	47	42	0000	404	27 27 010
05	01	99 38	4.3	4.3	4.3	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7					
05	04	99 28	4.2	4.2	4.2	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7					
05	07	99 30	4.2	4.1	4.0	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7					
05	10	99 25	4.2	4.1	4.0	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7					
05	13	99 22	4.5	4.5	4.3	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7					
05	16	99 19	4.2	4.1	3.9	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7					
05	19	99 19	4.0	3.9	3.8	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7					
05	22	99 22	4.0	3.8	3.6	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7	46	38	0001	243	13 24 007
06	01	99 21	3.8	3.7	3.5	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7					
06	04	99 22	3.8	3.7	3.5	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7					
06	07	99 32	3.9	3.7	3.5	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7					
06	10	99 34	4.0	3.8	3.6	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7					
06	13	99 34	4.0	3.9	3.7	00	00	8	3	8	02	2	8	6	6	5	5	7	7	7	7					
06	16	99 25	4.2	4.1	4.0	00	00	8	3	8	61	6	8	7	7	2	2	7	7	7	7					
06	19	99 22	4.3	4.2	4.1	00	00	8	3	8	61	6	8	7	7	3	3	7	7	7	7					
06	22	99 20	4.3	4.3	4.3	00	00	8	3	8	61	6	8	7	7	3	3	7	7	7	7	44	38	0000	389	09 30 000
07	01	99 06	4.3	4.3	4.3	00	00	8	3	8	61	6	8	7	7	3	3	7	7	7	7					
07	04	98 93	4.4	4.3	4.3	00	00	8	3	8	61	6	8	7	7	2	2	7	7	7	7					
07	07	98 93	4.4	4.4	4.3	00	00	8	3	8	05	5	8	8	5	5	7	7	7	7	7					
07	10	98 90	4.5	4.4	4.2	00	00	8	3	8	05	5	8	8	5	5	7	7	7	7	7					
07	13	98 70	4.4	4.3	4.3	00	00	8	3	8	51	5	8	8	5	5	7	7	7	7	7					
07	16	98 56	4.4	4.4	4.4	00	00	8	3	8	51	5	8	8	7	7	2	2	7	7	7					
07	19	98 55	4.4	4.4	4.4	00	00	8	3	8	05	5	8	8	7	7	2	2	7	7	7					
07	22	98 52	4.4	4.4	4.4	00	00	8	3	8	61	6	8	7	7	2	2	7	7	7	7	46	43	0016	364	08 33 004
08	01	98 42	4.4	4.4	4.4	00	00	8	3	8	61	6	8	7	7	2	2	7	7	7	7					
08	04	98 32	4.4	4.4	4.4	00	00	8	3	8	61	6	8	7	7	0	0	7	7	7	7					
08	07	98 43	4.4	4.4	4.4	00	00	8	3	8	50	5	8	7	7	1	1	7	7	7	7					
08	10	98 51	4.5	4.5	4.4	00	00	8	3	8	61	6	8	7	7	2	2	7	7	7	7					
08	13	98 51	4.4	4.4	4.3	00	00	8	3	8	60	6	8	6	6	1	1	7	7	7	7					
08	16	98 54	4.4	4.4	4.4	00	00	8	3	8	46	4	8	6	6	0	0	7	7	7	7					
08	19	98 66	4.4	4.4	4.4	00	00	9	4	9	45	4	9	4	4	0	0	7	7	7	7					
08	22	98 76	4.4	4.4	4.4	00	00	9	4	9	43	4	9	4	4	0	0	7	7	7	7	46	43	0025	346	10 20 000
09	01	98 79	4.4	4.4	4.4	00	00	9	4	9	45	4	9	4	4	0	0	7	7	7	7					
09	04	98 94	4.5	4.5	4.5	00	00	8	3	8	05	5	8	8	5	5	7	7	7	7	7					
09	07	99 10	4.5	4.5	4.5	00	00	8	3	8	05	5	8	8	5	5	7	7	7	7	7					
09	10	99 34	4.6	4.5	4.4	00	00	8	3	8	03	3	8	7												

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND																										
Table 40 contd.																		FOR THE MONTH OF		DECEMBER 1952						
DAY	HOUR	STATION PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD			CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEWOMETER	MAXIMUM GUST		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE CLOUD	HIGH CLOUD	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	"F	"F	Points	Miles	"x10	Kts.	Hours
10	01	0039	41	39	36	27	06	81	4	01	1	4	0	5	0	0	6									
10	04	0052	42	42	42	30	02	82	1	01	1	5	0	4	0	0	9									
10	07	0063	44	44	43	29	02	81	8	05	1	8	0	4	0	4	7									
10	10	0066	45	46	46	32	10	82	8	05	1	8	0	4	0	4	7									
10	13	0067	47	46	45	32	06	81	8	05	1	8	0	4	0	4	7									
10	16	0074	47	46	45	31	06	81	8	05	1	8	0	4	0	4	7									
10	19	0082	45	45	45	31	10	81	8	05	1	8	0	4	0	4	7									
10	22	0089	45	45	45	32	10	01	9	47	4	9	0	3	0					49	41	0000	243	32	16	033
11	01	0087	45	45	45	31	09	01	9	45	5	9	0	1	0											
11	04	0078	45	45	45	31	10	24	8	05	4	9	6	3												
11	07	0072	45	45	45	30	10	00	9	47	4	9	9	0	0											
11	10	0057	46	46	46	31	16	02	9	45	4	9	9	0	1											
11	13	0027	46	46	46	31	24	06	8	50	4	8	6	6												
11	16	0017	46	46	45	30	18	16	8	05	4	8	4	4	3											
11	19	0011	45	45	44	29	21	81	8	02	4	8	4	4	3											
11	22	0005	45	44	43	30	24	81	8	50	4	8	5	4												
12	01	0006	44	45	42	29	20	83	2	01	2	2	5	5	0											
12	04	0000	44	44	43	30	20	83	5	02	2	2	3	3	0											
12	07	0002	45	44	43	30	20	83	6	02	2	2	2	4	3											
12	10	0000	45	45	43	30	19	81	8	01	2	2	2	0	9											
12	13	9995	45	46	43	28	24	81	8	05	1	8	1	5	0											
12	16	9993	47	44	43	30	19	81	8	05	1	8	1	5	6											
12	19	0000	45	44	43	30	19	81	8	05	1	8	1	5	6											
12	22	9999	45	42	41	29	20	81	1	05	1	0	0	9	0					50	43	0000	536	30	33	104
13	01	9993	43	42	41	30	13	81	8	03	1	1	5	5	7											
13	04	9998	44	42	40	31	09	81	8	02	2	0	0	9	7											
13	07	9997	45	44	42	32	09	82	1	01	1	0	0	9	3											
13	10	9989	47	45	43	32	12	83	1	02	1	1	1	4	0											
13	13	9965	47	45	41	33	14	82	7	02	2	1	1	4	7											
13	16	9937	46	45	44	33	16	81	7	02	2	1	5	4	7											
13	19	9917	45	45	45	34	18	80	8	05	2	8	6	3												
13	22	9893	45	45	45	33	18	81	8	02	2	8	5	3												
14	01	9864	45	45	45	33	15	81	8	02	2	8	5	3												
14	04	9841	45	45	45	32	13	81	8	02	2	1	6	3												
14	07	9826	45	45	45	34	08	81	8	50	5	3	6	2												
14	10	9809	45	45	45	31	10	80	8	61	5	5	5	2												
14	13	9798	45	44	43	26	06	84	8	60	6	8	8	5												
14	16	9802	45	45	40	23	03	87	7	01	9	1	8	4												
14	19	9824	44	41	38	23	08	81	6	02	1	2	8	4												
14	22	9855	41	39	37	23	06	80	6	80	8	6	2	4												
15	01	9886	39	37	35	24	15	80	6	80	8	6	2	4												
15	04	9935	39	35	28	26	22	81	8	02	8	8	5	4												
15	07	9961	40	37	32	27	20	81	7	02	8	7	5	5												
15	10	9971	40	39	37	28	21	81	8	02	2	5	5	5												
15	13	9971	44	43	42	27	24	81	8	02	2	8	5	3												
15	16	9984	44	43	42	29	21	80	8	50	5	8	5	4												
15	19	9985	44	43	42	30	20	84	8	60	6	8	5	3												
15	22	9995	44	44	43	30	20	64	8	61	6	8	7	3												
16	01	9985	45	44	43	31	23	64	8	60	6	8	6	3												
16	04	9992	45	45	44	31	21	32	8	61	6	8	7	3												
16	07	0006	46	44	43	30	24	64	8	20	6	8	5	4												
16	10	0012	46	45	44	31	25	81	8	02	5	8	5	5												
16	13	0009	45	45	44	32	22	81	8	21	2	8	5	4												
16	16	9999	46	46	45	32	26	40	8	50	5	8	6	2												
16	19	9995	46	46	45	32	28	40	8	02	5	8	6	2												
16	22	9999	46	46	45	32	28	24	8	61	6	8	7	3												
17	01	9988	45	45	45	32	26	40	8	61	6	8	7	3												
17	04	9966	46	46	46	32	28	04	8	21	6	8	7	0												
17	07	9978	42	42	42	15	11	40	8	61	6	8	5	5												
17	10	9987	42	42	42	16	05	80	8	60	6	4	5	4												
17	13	0001	45	45	41	00	00	81	6	02	1	2	1	4												
17	16	0018	46	45	40	26	06	81	3	01	1	3	1	4												
17	19	0038	43	42	41	28	04	82	2	25	9	2	8	4												
17	22	0052	42	40	37	27	07	82	1	02	0	1	5	5												
18	01	0060	41	38	35	26	15	82	3	25	1	3	5	5												
18	04	0066	41	36	29	26	12	82	2	02	1	2	5	5												
18	07	0092	42	39	34	26	15	82	6	02	1	2	5	5												
18	10	0094	44	40	33	28	17	81	7	15	2	6	5	5												
18	13	0095	45	41	35	28	19	81	8	02	2	6	5	3												
18	16	0099	43	40	41	29	17	80	8	05	3	6	5	1												
18	19	0117	44	40	42	29	18	81	8	02	8	8	5	3												
18	22	0132	43	40	41	28	12	81	8	02	6	8	5	4												

RESULTS OF SURFACE OBSERVATIONS AT **MACQUARIE ISLAND**
 FOR THE MONTH OF **DECEMBER 1952**

Table 40 contd.

DAY	HOUR	STATION 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		SUNSHINE		
						DIRECTION	SPEED					AMOUNT	TYPE	HEIGHT	MIDDLE	HIGH	LOW					MIDDLE	HIGH		DIRECTION	SPEED
	LST.	Mbs.	"F	"F	"F	"x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	C _M	C _H	C _L	C _M	C _H	"F	"F	Points	Miles	"x10	Kts.	Hours
19	01	0150	43	42	41	27	10	81	8	8	8	8	8	8												
19	04	0172	43	42	41	25	15	40	8	8	8	8	8	8												
19	07	0195	43	42	41	26	19	56	8	8	8	8	8	8												
19	10	0219	44	42	40	26	15	80	8	8	8	8	8	8												
19	13	0231	45	44	42	26	10	81	8	8	8	8	8	8												
19	16	0239	45	43	41	26	01	81	8	8	8	8	8	8												
19	19	0250	43	42	41	26	08	80	8	8	8	8	8	8												
19	22	0247	42	42	41	27	07	80	8	8	8	8	8	8						46	41	0001	398	26	34	016
20	01	0237	41	41	41	27	07	40	7	5	5	7	5	2												
20	04	0235	42	41	40	28	03	64	8	0	2	8	5	3												
20	07	0230	43	42	41	28	04	80	8	0	2	8	5	3												
20	10	0221	46	43	39	28	05	81	7	0	2	8	7	8												
20	13	0208	47	44	43	31	02	81	8	0	2	8	5	5												
20	16	0191	46	44	41	31	05	82	6	0	2	1	5	8		3	0									
20	19	0181	44	43	42	00	00	82	8	0	2	8	5	4												
20	22	0171	42	41	40	00	00	81	8	0	2	8	5	4												
21	01	0153	43	41	38	29	02	82	8	0	2	5	6	5												
21	04	0135	43	42	40	34	02	82	8	0	2	5	6	5												
21	07	0118	43	41	38	34	05	82	8	0	2	5	6	5												
21	10	0098	43	43	42	32	12	80	8	0	2	5	5	3												
21	13	0074	46	44	40	34	10	81	8	0	2	8	9	5												
21	16	0052	44	44	44	33	03	81	8	0	2	7	7	5												
21	19	0034	45	44	42	31	02	81	8	0	2	8	5	5												
21	22	0018	45	45	44	31	02	81	8	0	2	8	5	4												
22	01	9992	45	45	45	00	00	81	8	0	2	2	2	3												
22	04	9968	45	45	44	00	00	81	8	0	2	2	2	3												
22	07	9959	46	46	45	00	00	08	8	0	5	5	8	6												
22	10	9944	46	46	46	00	00	24	8	0	5	5	8	6												
22	13	9928	48	46	43	00	00	82	7	0	2	5	0	0												
22	16	9911	48	46	44	35	11	81	8	0	3	1	1	5		7	7									
22	19	9902	46	46	46	33	13	32	8	0	6	1	6	6												
22	22	9912	45	44	44	30	13	82	2	0	1	6	2	6		0	0									
23	01	9909	45	44	44	32	18	82	3	0	2	1	2	5		3	0									
23	04	9903	45	45	45	31	23	12	8	0	5	1	2	8		2	2									
23	07	9928	46	46	45	28	17	80	8	0	2	6	8	5		3	0									
23	10	9938	47	46	44	31	09	80	2	0	5	1	1	1		3	0									
23	13	9930	49	46	44	32	17	81	4	0	3	1	1	1		4	0									
23	16	9923	48	46	44	30	25	81	6	0	2	2	6	5		4	0									
23	19	9947	46	44	42	28	22	81	4	0	2	1	3	5		4	0									
23	22	9980	45	44	42	29	22	81	1	0	2	0	1	5		4	0									
24	01	0004	44	42	39	28	20	82	0	0	2	0	0	9		0	0									
24	04	0025	44	43	42	30	15	82	4	0	2	1	1	5		3	0									
24	07	0032	46	45	43	31	20	81	5	0	2	2	1	5		4	0									
24	10	0045	48	45	42	30	20	81	7	0	5	2	3	5		5	0									
24	13	0055	48	46	44	31	15	81	5	0	2	1	1	1		4	0									
24	16	0051	48	46	44	31	17	81	1	0	1	1	1	4		4	0									
24	19	0070	46	45	44	31	17	81	1	0	5	0	1	1		4	0									
24	22	0078	45	45	45	31	15	81	8	0	5	1	1	6		2	0									
25	01	0078	45	45	44	31	11	81	6	0	2	2	2	5		4	0									
25	04	0078	45	45	45	30	04	01	9	0	4	7	2	9		0	0									
25	07	0086	47	46	46	28	01	40	8	0	5	4	8	6		6	0									
25	10	0088	47	47	46	30	07	40	9	0	5	4	9	6		0	0									
25	13	0093	48	47	46	30	02	01	9	0	4	7	9	6		7	0									
25	16	0092	47	46	46	30	02	01	9	0	4	7	9	6		0	0									
25	19	0075	48	48	48	30	10	32	8	0	5	7	6	6		3	8									
25	22	0064	47	47	47	31	20	00	9	0	4	5	5	9		0	0									
26	01	0051	46	46	46	27	04	00	9	0	4	5	4	9		0	0									
26	04	0045	46	46	45	27	04	00	9	0	4	5	4	9		0	0									
26	07	0037	46	46	46	29	02	00	9	0	4	5	4	9		0	0									
26	10	0030	47	47	47	28	01	24	8	0	5	1	4	8		6	0									
26	13	0008	47	47	47	28	03	01	9	0	4	7	4	9		0	0									
26	16	9977	47	47	47	31	04	01	9	0	4	5	4	9		0	0									
26	19	9937	48	48	48	34	18	02	9	0	4	3	4	9		0	0									
26	22	9899	48	48	48	34	20	02	9	0	4	5	4	9		0	0									
27	01	9854	48	48	48	34	22	08	8	0	6	0	6	7		2	2									
27	04	9834	47	47	47	32	28	04	8	0	6	0	6	7		1	2									
27	07	9845	47	46	46	32	27	24	8	0	5	1	5	8		5	3									
27	10	9877	44	44	44	26	35	40	8	0	6	1	6	8		7	3									
27	13	9868	48	45	41	22	25	81	2	0	1	6	2	1		4	4									
27	16	0010	47	44	40	28	27	81	3	0	1	1	3	8		5	5									
27	19	0044	45	44	42	29	18	81	4	0	5	0	3	1		8	4									
27	22	0064	45	44	43	31	20	81	8	0	3	0	3	1		8	4									

RESULTS OF SURFACE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF DECEMBER 1952

Table 40 contd.

DAY	HOUR	STATION PRESSURE	DRY BULB	WET BULB	DEW POINT	WIND		VISIBILITY	TOTAL CLOUD	PRESENT WEATHER	PAST WEATHER	LOW CLOUD		MIDDLE CLOUD	HIGH CLOUD	CLOUD DIRECTION			MAXIMUM TEMPERATURE	MINIMUM TEMPERATURE	PRECIPITATION	ANEWOMETER	MAXIMUM GUST		SUNSHINE						
						DIRECTION	SPEED					AMOUNT	TYPE			HEIGHT	LOW	MIDDLE					HIGH	°F		°F	Points	Miles	°x10	Kts.	Hours
LST.	Mbs.	°F	°F	°F	°x10	Kts.	VV	Oktas	ww	W	Oktas	CL	h	CM	CH	CL	CM	CH	°F	°F	Points	Miles	°x10	Kts.	Hours						
28	01	00 58	45	45	44	32	24	81	8	03	2	7	5	4	3	7	9														
28	04	00 52	46	45	44	32	25	80	8	20	2	4	5	4	3	7	9														
28	07	00 49	46	45	45	32	27	80	8	05	2	4	5	4	3	7	9														
28	10	00 46	47	46	45	32	29	56	8	05	2	3	5	5	3	8	9														
28	13	00 35	48	47	46	32	32	80	7	05	2	4	5	4	7	7	9														
28	16	00 20	47	46	46	32	31	48	8	05	2	4	6	6	3	7	7														
28	19	00 10	47	47	46	32	30	40	8	05	2	4	6	6	3	7	7														
28	22	00 14	47	46	46	32	28	24	7	50	2	5	5	3	7	7		49	45	00 05	564	32	40	00 1							
29	01	00 11	45	45	45	32	17	64	4	02	2	3	8	3	3	0	7	9													
29	04	00 13	45	45	45	32	21	64	8	05	2	1	6	3	3	7	7														
29	07	00 16	46	46	45	32	22	40	8	05	2	6	5	3	3	7	7														
29	10	00 18	47	46	45	32	18	81	5	01	2	1	5	3	3	0	7	7													
29	13	00 13	48	47	46	32	20	81	5	25	1	5	8	4	3	0	7	7													
29	16	00 05	48	46	45	32	13	81	1	01	1	1	5	3	3	0	7	7													
29	19	99 94	46	45	45	32	20	48	7	05	1	4	5	3	3	6	7		49	44	00 01	615	31	38	0 77						
29	22	99 74	46	45	39	30	26	64	8	80	2	8	8	4		6	6														
30	01	99 65	45	44	43	32	20	81	2	01	2	1	5	4	3	0	7	7													
30	04	99 53	45	44	43	31	12	81	7	25	2	5	2	4	3	0	6	9													
30	07	99 65	42	39	36	26	12	40	8	60	2	8	8	5	3	6	6														
30	10	99 77	45	41	35	26	19	81	6	02	2	5	5	5	3	0	6	9													
30	13	99 89	44	40	36	25	18	82	7	02	2	7	8	6	5	6	6														
30	16	99 89	43	40	35	27	15	82	7	15	2	7	7	8	5	5	6														
30	19	00 13	40	38	34	17	14	82	7	15	2	7	7	8	5	5	6		46	39	00 09	445	26	33	0 90						
30	22	00 29	40	37	32	27	02	82	8	02	2	8	8	5	5	6	6														
31	01	00 37	40	36	28	26	07	82	8	02	2	8	8	5	5	6	6														
31	04	00 41	41	37	29	26	13	82	7	15	2	7	7	8	5	5	6														
31	07	00 50	41	38	33	27	14	82	7	15	2	7	7	8	5	5	6														
31	10	00 46	44	40	33	29	22	81	7	02	2	6	6	6	5	5	6														
31	13	00 27	46	45	38	30	22	81	7	02	2	6	6	6	5	5	6														
31	16	00 09	45	44	42	31	20	81	8	60	2	8	8	5	5	6	6														
31	19	99 74	45	45	44	33	20	40	8	61	2	8	8	5	5	6	6														
31	22	99 63	46	45	45	30	20	24	8	61	2	8	7	2	2	2	2		47	40	00 01	294	32	35	0 46						

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JANUARY 1952

TABLE 41

DAY	SURFACE			1000 MBS.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	005	+046	40	+05	089	-035	26	134	-057	24	182	-055	08	286	-076	11	405	133	09				
02	979	+026	42	-17	068	-022	35	113	-040	33	161	-059	29	264	-115	20	381	183	08				
03	994	+032	36	-04	080	-043	27	125	-077	22	171	-110	15	273	-153	04	388	215	03				
04	965	+035	45	-28	057	-007	37	102	-035	33	150	-053	31	254	-096	24	372	160	13				
05	956	+024	43	-36	049	-012	34	111	-054	31	142	-055	30	247	-088	24	365	167	10				
06	977	+024	44	-18	066	-023	26	115	-050	22	162	-057	23	262	-100	20	379	169	07				
07	981	+034	35	-15	070	-029	27	120	-062	25	167	-098	20	270	-141	11	384	244	07				
08	988	+040	37	-09	075	-030	31	121	-059	27	168	-089	23	270	-164	13	385	243	04				
09	989	+032	38	-08	076	-028	31	121	-059	27	168	-089	23	270	-164	13	385	243	04				
10	994	+024	30	-04	080	-052	22	124	-089	19	171	-114	17	272	-197	09	385	243	04				
11	991	+030	43	-07	078	-009	37	124	-031	34	171	-046	32	275	-105	21	392	172	08				
12	978	+031	39	-18	067	-018	33	112	-048	25	160	-073	22	263	-131	09	379	189	10				
13	988	+016	33	-09	075	-048	25	119	-084	21	167	-111	19	269	-156	12	383	223	07				
14	993	+035	33	-05	079	-051	23	124	-073	14	171	-071	13	274	-115	14	391	153	05				
15	995	+030	37	-03	081	-031	27	126	-045	23	173	-075	15	277	-078		396	117					
16	986	+043	39	-11	074	-018	31	119	-051	28	167	-083	23	269	-144	15	385	188	09				
17	985	+043	36	-12	073	-020	30	118	-059	24	166	-094	20	267	-159	12	382	191	04				
18	991	+027	39	-07	077	-031	29	122	-062	24	169	-091	19	271	-161	11	385	234	03				
19	902	+037	28	+02	086	-046	22	132	-084	18	180	-061	07	284	-084		402	148					
20	985	+050	43	-12	073	-006	33	119	-036	29	167	-061	22	270	-116		387	163					
21	990	+041	43	-08	077	-023	33	122	-032	33	170	-077	25	273	-130	17	389	199	08				
22	988	+051	55	-09	077	+044	58	123	+064	70	173	+050	69	282	+017	55	405	047	41				
23	984	+047	41	-13	073	-016	31	118	-054	29	165	-090	21	267	-147	13	384	171	04				
24	967	+055	41	-17	059	+004	32	104	-034	29	165	-059	27	255	-121	17							
25	982	+039	39	-14	071	-023	32	116	-052	28	165	-080	25	266	-151	14	381	199	09				
26	997	+041	39	-02	083	-030	27	128	-063	24	175	-094	19	278	-133	11	394	170	08				
27	013	+029	32	+11	095	-060	21	139	-090	19	186	-119	16	287	-117		404	193					
28	023	+028	38	+19	103	+023	26	150	+022			+004					426	106	12				
29	015	+038	43	+13	097	-017	36	143	-022	34	191	-035	18	296	-054		415	128	12				
30	020	+039	44	+17	101	-006	37	147	-001	35	195	-027	11	301	-038		421	106	15				
31	017	+050	39	+14	099	+000	26	145	+000	12	193	+013				21	422	069					

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	542	212	09	703	336	04	898	500	155	567	340	515	606	477	754	454	947	415
02	515	269	04	673	367	01	867	486	135	446	328	434	603	421	754	410		
03	519	318		674	422		864	463	130	452	323	441	598	422				
04	506	255	06	665	348	02	861	467										
05	499	280	05	656	386	01	848	478	120	409	315	409	592	383	745	383		
06	513	265	05	671	371	02	865	469	135	449	328	442	600	411	753	394	950	400
07	516	257	06	674	363	03	867	467	140	413	334	432						
08	516	321	02	669	450		859	482	131	425	325	424	600	407	752	398	949	372
09	516	316	03	670	432	01	860	487	131	433	326	417	602	403				
10	516	314	02	672	393		864	490	133	443	327	425	601	439	752	421		
11	527	245	04	686	372	01	880	493	147	453	339	456	611	439	761	407	958	390
12	513	259	07	672	340	02	862	482	133	443	332	442	604	442				
13	516	295	04	671	410	01	884	476	145	507	334	469	604	452	754	408		
14	527	212	07	688	327	03	884	476	145	507	334	469	604	452	754	408		
15	534	189		697	317		893	472	158	494	347	486	610	452	754	408		
16	519	270	03	676	367	01	869	501	141	407	337	427	612	430	761	439	956	420
17	515	290	03	671	401	01	864	464	138	400	333	406	610	413	762	404		
18	517	308		672	418		864	447	137	424	333	423	607	430	757	441	951	424
19	538	232	03	698	349		893	491	152	497	341	483	609	479	757	453		
20	521	280	02	677	396		870	449	143	422	336	434	609	432	760	409	956	388
21	522	291	03	677	403	01	869	457	140	447	333	446	605	448	755	419		
22	547	125	20	713	260	08												
23	519	264		677	357	01	871	467	145	400	340	409	616	411	767	400		
24																		
25	514	290	04	670	385	02	863	468	137	408	333	393	610	383	765	382	963	360
26	529	254	04	687	372	01	879	514	143	471	335	457	606	420	757	410	953	388
27	537	264		695	381		886	528	148	470	338	480	608	463	757	429	952	399
28	565	161	07	729	265	08	931	409	195	617	371	612	625	546	769	507	959	455
29	553	193	13	716	299	06												
30	559	206	08	719	340	03	915	467	177	504	365	482	630	509	775	488	966	466
31	561	163		724	295		923	460	182	568	368	504	631	511	775	499	965	451

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF MARCH 1952

TABLE 41 CONTD.

DAY	SURFACE			900 MILLIBARS				850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	007	+020	41	+06	090	-045	28	135	-067	25	182	-059	27	286	-090	23	405	138	17	
02	018	+050	39	+15	100	-035	31	145	+017	44	194	+016	26	301	-006	15	423	076	12	
03	011	+041	44	+09	094	-036	27	139	-043	18	186	-041	09	292	-051	10	412	121	15	
04	013	+042	33	+11	095	-051	25	139	-086	21	186	-110	12	288	-164		404	162		
05	029	+032	40	+16	108	-046	29	153	-056	28	201	+001	11	307	-050		427	114	06	
06	019	+034	32	-04	101	+020	19	147	+020	10	195	+023	11	302	-041	10	422	108	07	
07	994	+057	50	+08	081	+025	34	132	+027	55	173	-083	42	284	-018	40	405	068	33	
08	002	+035	41	+02	087	-025	30	125	-055	28	173	-083	23	276	-110	06	392	177		
09	993	+057	57	-05	081	+027	32	125	-060	28	172	-083	23	276	-110	18	392	184		
10	994	+042	40	-04	080	-027	30	125	-055	28	173	-083	23	276	-110	18	392	184		
11	994	+030	40	-04	080	-033	32	125	-060	28	172	-083	23	276	-110	18	392	184		
12	990	+038	38	-08	077	-029	31	122	-061	27	169	-096	21	271	-162	12	385	246	12	
13	011	+023	32	+09	093	-064	19	137	-086	21	184	-100	11	286	-037		401	185	05	
14	016	+044	35	+13	098	-044	28	143	-007	23	191	-007	11	298	-037	20	418	127	16	
15	004	+026	35	+04	088	-021	21	133	+001	18	181	-031	11	286	-072		405	116	07	
16	003	+042	49	+03	088	-022	36	133	-051	31	180	-078	27	283	-105	21	401	159	12	
17	986	+037	44	-11	074	-030	28	119	-056	26	166	-079	25	269	-110	22	387	148	14	
18	985	+025	38	-12	073	-035	29	118	-069	23	165	-101	20	266	-154	13	382	216	09	
19	989	+031	38	-08	076	-044	24	121	-074	21	168	-103	18	269	-159	10	383	247	05	
20	003	-012	29	+03	086	-082	20	130	-112	17	176	-140	14	277	-195	09	390	253	06	
21	016	+017	27	+13	097	-066	22	142	-043	08	189	-062	07	292	-135		408	199		
22	002	+067	57	+02	088	+030	51	135	+013	50	184	+048	62	292	-010	45	413	072	30	
23	016	+018	27	+13	097	-063	19	141	-078	11	189	-040		293	-080	08	411	140	08	
24	004	+031	44	+04	089	+014	46	135	+003	45	184	+048	68	292	+009	50	414	068	33	
25	995	+035	36	-04	081	-041	27	126	-071	25	173	-104	21	274	-135	15	391	193	06	
26	017	+020	28	+14	098	-070	21	142	-046	09	190	-036		294	-110	07	412	159		
27	001	+030	46	+01	086	+016	42	132	+010	10	181	+008		288	-012		408	102		
28	013	+037	30	+11	095	-051	23	140	-043	25	188	-036	08	292	-104	07	410	160		
29	990	+066	60	-08	078	+050	55	125	+059	67	175	+034	55	282	-020	47	404	046		
30	979	+033	40	-17	068	-026	31	113	-061	27	160	-092	22	262	-170	12	377	178	12	
31	987	+046	39	-10	075	-017	30	120	-047	23	167	-082	19	270	-118	14	388	141		

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	541	219	09	701	334	04	898	481	159	527	346	482	612	495	759	466	950	461
02	563	173	09	727	264	05	928	428	190	616	367	589	624	539	769	485	959	444
03	549	205	11	712	307	05	911	402	176	608	357	555	617	507	762	494	951	474
04	539	265		696	371		891	469										
05	564	223	04	725	323		921	467	182	567	365	548						
06	560	152	16	726	266	07	927	421	189	594	369	575	627	543	770	534	956	504
07	545	157	14	710	289	05	909	447	172	511	361	485	623	557	765	555	950	504
08	541	198	04	703	317	02	901	446	165	539	352	476	620	503	766	494		
09																		
10	526	271		685	355		879	470	145	476	335	456	604	467	752	447	944	460
11	525	273	06	683	359	02	877	482										
12	515	344	02	667	466		856	460	127	437	319	447	590	459				
13	536	244	09	695	337	03	890	500	150	531	337	512	601	492	748	469	940	434
14	555	192		717	317		915	471	175	615	356	546	617	527	761	503	950	475
15	543	204	06	704	322		900	492	158	548	341	546	601	533				
16	536	263	08	695	331	05												
17	522	265	06	679	375	02	872	515	137	463	329	462	596	471	744	467	934	463
18	514	290	02	671	379		866	439	139	424	332	445						
19	513	357	02	665	470		852	496	121	439	314	443	586	437	736	430	930	433
20	520	334	03	672	472		858	509	124	478	313	506	576	513	721	507		
21	542	261	02	701	348	02	895	494	151	563	335	526	598	517	743	485		
22	553	156	17	718	273	03	918	438										
23	548	188	06	709	323		904	500	164	535	350	515						
24	554	168	15	717	295	04	915	449	179	533								
25	523	308	02	680	396		872	471	143	434								
26	546	257	05	706	337		903	452										
27	547	153		709	284		895	514										
28	545	250		703	369	03	910	506										
29	544	166		707	299		907	428										
30	511	269	06	668	391	02	861	488	132	418	325	453	595	453				
31	523	237	05	682	356		876	512										

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF APRIL 1952

TABLE 41 CONTD.

DAY	SURFACE			1000 MILIBARS			900 MILIBARS			850 MILIBARS			800 MILIBARS			700 MILIBARS			600 MILIBARS				
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	961	+016	38	-32	053	-021	33	098	-034	32	146	-056	27	250	-108	21	367	177	13				
02	986	+004	36	-11	073	-045	26	118	-082	20	165	-117	16	266	-179	10	379	243	07				
03	017	+012	27	+14	097	-080	18	141	-110	17	188	-068	16	292	-086		410	144					
04	018	+038	49	+15	101	+027	50	147	+034	44	196	+012		304	+009		426	081	10				
05	015	+027	46	+13	098	+010	43	144	-010	40	192	-015	42	298	-052	37	418	096	26				
06	011	+066	57	+09	096	+033	43	142	-001	40	191	+039	31	299	+024		423	048	18				
07	993	+031	43	-05	080	-008	37	126	+004	44	174	-016	40	280	-040		400	098					
08	983	+025	40	-13	071	-025	33	116	-063	26	163	-100	21	265	-158	14	379	250	06				
09	986	+041	52	-11	074	-015	37	119	-039	30	167	-068	22										
10	979	+012	30	-17	068	-046	23	112	-080	18	159	-116	14	260	-166	06	375	246					
11	997	+006	32	-02	082	-052	25	126	-086	20	173	-117	16	275	-131	05	391	173	12				
12	962	+000	61	-31	055	+029	32	101	-008	43	149	-035	37	254	-069	29	373	140	06				
13	983	+000	31	-13	071	-045	26	115	-059	27	163	-084	24	265	-160	13	379	243	07				
14	001	+018	25	+01	085	-065	17	129	-105	15	176	-130	11			04	390	240					
15	977	+003	42	-18	066	-020	34	112	-051	30	159	-083	24	261	-163	15	376	217	05				
16	004	+035	35	+04	087	-072	19	131	-105	14	178	-125	12	278	-194		391	239					
17	010	+025	36	+09	093	-045	26	138	-034	19	186	-053	07	290	-091		407	176	07				
18	000	+058	53	+01	086	+001	23	131	-016	17	179	-038		284	-019		406	070					
19	997	+027	34	-02	082	-052	22	127	-088	17	173	-124	16	274	-185	06	388	234					
20	001	+020	39	+01	085	-050	27	130	-081	24	177	-065	11	280	-136	07	396	207	09				
21	976	+031	43	-19	066	-011	35	111	-038	31	159	-062	27	262	-116	20	379	172	13				
22	986	-004	26	-03	080	-083	20	125	-049	22	172	-066	21	276	-084	26	396	108					
23	993	+035	50	-03	079	-033	28	124	-056	26	172	-071	26	276	-095	24	394	146	08				
24	009	+026	27	+08	092	-057	21	136	-089	13	183	-123	05	283	-203		396	244					
25	006	+031	48	-05	091	+059	65	137	+033	57	186	+004	49	292	-047	33	413	107					
26	988	+025	28	-09	075	-046	23	120	-083	19	166	-124	16	267	-184	07	382	199					
27	976	+018	45	-19	066	-010	40	111	-038	34													
28	977	+019	36	-18	066	-037	29	111	-071	25	158	-103	20	260	-156	12	375	211	09				
29	994	+029	37	-04	080	-040	28	125	-069	24	172	-101	16	274	-181	06	387	248	03				
30	992	+02	33	-06	078	-046	24	123	-083	22	169	-119	17	270	-196	08	383	279	04				

DAY	500 MILIBARS			400 MILIBARS			300 MILIBARS		200 MILIBARS		150 MILIBARS		100 MILIBARS		80 MILIBARS		60 MILIBARS	
	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	501	264	06	638	388		852	423	128	417	322	437	593	453	742	457	934	451
02	510	324	04	666	403		856	532	124	430	317	426	588	476	736	457	927	465
03	546	201		707	328	03	905	442										
04	565	179	12	729	275	05	930	427	193	605	373	585	627	583	768	554		
05	557	166	18	721	282	07	921	424	183	592	364	586	620	563				
06	562	168	12	726	267	04	928	417	191	580	370	599	623	603	763	573	946	526
07	538	211		699	317		898	443										
08	509	323	03	663	442		856	437	127	445	319	462	588	468	736	448	927	464
09																		
10	504	356		655	496		839	499	107	467	297	480	564	476				
11	526	251	08	684	370	03	876	513	136	505	323	528						
12	510	207		673	272													
13	509	344	03	662	442		850	497	117	468	308	461	576	488	722	494		
14	522	299	02	678	413		866	562	123	522	310	512	574	498	720	497	908	495
15	508	303		662	439		849	529	116	467	306	482	573	485	720	474	912	447
16	522	330		677	418		867	510	129	509	315	517	579	517	724	513	911	496
17	543	217	10	703	333	04	899	479	157	599	338	555	598	539	741	521		
18	545	191		708	302	05	906	461										
19	519	338		672	431		862	486	132	455	323	486	589	486	735	486		
20	529	283	05	685	417		873	560										
21	514	245	08	673	365	03	865	524	129	472	318	490	584	483	730	490	919	500
22	533	210		694	328		891	453										
23	530	204		692	307		890	444	154	484	343	493						
24	527	327		681	432		870	510	137	475	326	486	594	489	740	493	928	481
25																		
26	515	290																
27																		
28	507	306	04	662	442		852	433										
29	518	334		671	452		857	554	121	483	312	460	580	464	728	469	918	484
30	511	369	01	662	463		850	517	116	462	307	464	574	495	720	486	910	494

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF MAY 1952

TABLE 41 CONTD.

DAY	SURFACE			1000. MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW
01	001	+027	36	+01	086	-049	25	130	-084	22	177	-115	16	278	-127				395	193		
02	016	+020	32	+13	097	-074	20	141	-100	15	188	-110		289	-157				405	183	10	
03	008	+027	46	+07	092	-013	38	137	-002	44	186	+032	54	294	-022	41			415	094	23	
04	998	+022	44	-01	083	-030	32	129	+031	22	178	+022		286	-011				406	124		
05	991	+022	42	-07	078	-015	29	123	-023	15	171	-066		274	-118	07			391	166		
06	008	+025	34	+07	091	-059	22	135	-069	10	182	-105	08	284	-127				401	170	04	
07	982	+058	55	-14	072	+026	47	118	-077	41	166	-037	35	270	-088	26			389	124		
08	998	+014	37	-01	083	-051	27	128	-078	24	174	-109	19	251	-188	06			374	245		
09	979	+030	33	-17	068	-031	26	113	-075	21	160	-101		274	-127				390	225	08	
10	983	+004	25	-13	071	-058	20	115	-102	13	161	-139	11	251	-212	07			373	302		
11	984	-018	23	-12	071	-078	15	115	-111	12	161	-155	09	250	-238	05			371	329	02	
12	001	-005	31	+01	085	-067	22	129	-085	20	176	-096	20	280	-074	30			399	135	20	
13	994	+059	59	-04	081	+025	50	128	+013	48	176	-007	45	283	-019	43			404	108	22	
14	001	+012	40	+01	085	-050	29	130	-036	35	178	-053	32	283	-059	14			401	150	08	
15	991	+033	31	-07	078	-035	24	123	-075	22	170	-112	19	271	-175	06			384	253	02	
16	999	+028	41	-00	084	-032	33	129	-044	32	177	-056	30	281	-117	15			399	143	16	
17	988	+034		-09	075	-031		120	-069		168	-085		269	-173				383	263		
18	010	-001	25	+09	092	-088	17	135	-128	13	181	-159	12	282	-182				396	227		
19	000	+019	38	+01	085	-032	30	130	-054	28	177	-082	25	280	-151	14			394	224	08	
20	009	+000	19	+08	091	-086	16	135	-130	12	181	-144	13	282	-144	15			398	200	10	
21	999	+018	42	-00	084	-040	32	129	-063	28	176	-090	23	278	-146	11			394	199	03	
22	995	+028	43	-04	081	-035	32	126	-058	29	173	-075	27	276	-123	18			392	205	08	
23	007	+010	30	+06	089	-060	24	125	-118	14	172	-104	07	285	-092	06			403	170	06	
24	997	+001	23	-02	081	-077	15	125	-079	20	181	-056	05	273	-126				390	157		
25	987	+033	39	-10	075	-030	27	120	-066	22	177	-140	19	268	-173	12			382	227	06	
26	981	+002	35	-15	069	-047	27	114	-074	24	161	-103	19	262	-161	07			376	263	02	
27	982	-048	19	-14	068	-100	15	112	-143	12	158	-182	09	256	-218	02			369	265		
28	985	-039	24	-11	071	-103	15	115	-140	12	160	-174	10	260	-194	03			374	272		
29	984	-024	22	-12	070	-086	14	114	-126	12	160	-166	09	260	-174	03			373	256	02	
30	978	-011	23	-07	066	-069	18	110	-105	15	157	-137	13	257	-196	09			370	274	02	
31	979	-013	30	-16	067	-066	19	112	-102	15	158	-132	11	258	-205	07			371	289	04	

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	528	284		684	402		875	510	135	525	321	512						
02	539	245	08	790	319	05	896	477	152	616	331	582						
03	553	182	11	717	300	04	916	441	175	639								
04	543	222		702	362	03	895	507	153	599	334	557	591	557	733	542		
05	526	240	06	686	324		882	477										
06	536	224	08	697	324	03	893	487	151	547	337	516						
07	526	205		688	312	05												
08	523	274	05	681	371	02	874	504	134	507								
09	506	299		661	406													
10	502	355	02	654	471		840	575	103	491	291	484	555	519	699	532	884	522
11	500	324		654	410													
12	535	216	10	696	322	05	893	474	149	641								
13	542	200	11	703	313	04	901	462										
14	536	241	03	695	365		887	531	142	576	328	526	588	534				
15	514	353		669	393		860	520	123	499								
16	534	243	08	693	361	03	886	507	140	578	324	541	585	530				
17	512	355																
18	527	318	02	682	441		869	558	126	514	313	514	577	516				
19	526	388	03	681	416		873	504	135	512	322	498	587	489				
20	531	290	05															
21	526	306	02	681	411		873	505	134	504	321	517	584	510	729	533	913	546
22	525	297	03	680	424		869	499	131	530	316	532						
23	537	278	03	693	407													
24	525	251		683	352		877	521	133	562	318	508	580	531	724	517	909	535
25	513	331		667	425		859	449	129	463	320	482	587	490	732	518		
26	505	369		657	462		845	504	111	483	301	483	569	467	717	458	908	492
27	498	350		649	469		835	561	095	515	282	500	547	484				
28	503	347	02	656	437		842	571	099	542	285	514	548	502	694	498	883	487
29	502	385		651	493		836	585	095	518	282	505	545	511	690	509		
30	498	354	02	651	452		837	580	094	521								
31	499	371	02	649	497		835	536	096	525								

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JUNE 1952

TABLE 41 CONTD.

DAY	SURFACE			1000 MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW
01	997	-011	31	-02	082	-043	15	126	-082	10	173	-123	07	274	-198	03	386	298				
02	005	+011	38	+05	088	-035	31															
03	989	+032	43	-08	077	-012	37	122	-014	39	170	-052	31	275	-088	27	394	118	10			
04	985	-007	29	-12	072	-069	20	116	-103	16	163	-132	13	264	-166	11	378	233	08			
05	977	-005	31	-18	066	-051	26	110	-080	22	157	-109	18	259	-180	11	372	270	05			
06	983	-022	23	-13	070	-092	14	114	-134	12	159	-168	11	258	-244	06	370	295	03			
07	992	-023	18	-06	077	-098	13	121	-140	11	166	-176	10	265	-247	06	375	317	03			
08	997	-025	22	-02	081	-083	19	125	-105	17	172	-119	17	274	-086	26	393	139	19			
09	983	+019	36	-13	071	-037	29	116	-064	25	163	-084	23	266	-131	17	382	210	07			
10	960	+015	40	-32	052	-016	35	098	-052	28	145	-089	22	246	-160	14	361	249	07			
11	973	-015	31	-21	062	-063	24	107	-091	20	153	-130	15	254	-205	08	365	305	04			
12	002	-020	26	+02	085	-089	16	129	-125	13	175	-157	11	274	-214	04	386	275				
13	992	+039	48	-06	079	-011	38	124	-016	38	173	-034	36	277	-072	30	396	135	17			
14	995	-001	25	-03	080	-076	19	124	-107	18	171	-104	16	272	-171	08						
15	002	-013	26	+02	085	-067	19	130	-047	18	178	-036	28	282	-095	19	400	165	11			
16	968	+013	42	-26	059	-022	35	104	-045	32	152	-051	31	256	-094	24	373	179	11			
17	970	+010	38	-24	060	-043	27	105	-072	25	152	-084	22	255	-143	12	370	217	03			
18	970	-001	30	-24	060	-052	25	105	-086	21	151	-119	17	252	-195	10	365	246	03			
19	967	+013	31	-26	058	-044	25	103	-072	23	150	-104	18	251	-184	18	364	281	05			
20	988	+004	35	-09	075	-050	19	120	-065	09	167	-112	08	268	-190	05	380	272	02			
21	014	-036	21	+12	094	-113	16	138	-115	10	184	-120	08	286	-132	05	401	214	05			
22	995	+011	40	-03	081	-026	34	126	-038	33	174	-028	39	279	-074	28	396	128	20			
23	985	+018	26	-12	072	-046	25	117	-060	20	164	-119	16	265	-180	09	379	220				
24	007	-030	21	+06	088	-110	13	132	-148	11	177	-140	10	278	-186		391	263				
25	006	-010	31	+05	088	-073	23	133	-086	21	180	-066	22	283	-140	06	398	202				
26	991	+004	35	-07	077	-047	29	122	-080	23	169	-110	19	270	-153	14	386	195	11			
27	978	-036	20	-17	066	-088	12	110	-128	11	156	-165	10	255	-207	03	368	283	02			
28	006	-009	28	+05	088	-075	21	133	-114	17	179	-127	16	281	-146	07	396	216	05			
29	008	-001	24	+07	090	-084	18	134	-123	16	180	-150	12	279	-216		392	265				
30	019	-007	22	+15	098	-071	14	143	-026		191	-046		295	-108	06	413	161	05			

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	513	397		663	439													
02																		
03	530	227	03	690	350	02	884	502	142	577	324	555						
04	509	319	04	663	442		850	545	114	480	303	471	570	497				
05	500	388	02	650	473		836	509	101	501	289	489	555	503	700	487	888	516
06	497	386	02	647	493		832	564										
07	501	394	02	651	483		837	533	098	517	283	533	542	557	684	568		
08	528	250	08	687	355	03	881	509	133	673								
09	514	298		669	404		859	535	118	508	305	512	556	532	699	553	881	583
10	490	365	03	643	418		835	481	103	470	292	496	556	532	699	553	881	583
11	493	373	02	645	468		831	554	092	499	279	518	556	532	699	553	881	583
12	516	320		671	413		860	537	119	523	306	516	568	531	712	539	897	533
13	532	239	06	692	356	02	886	498	141	607								
14																		
15	534	251	07	693	355	03	887	513	137	687	316	577	574	549	717	563	900	561
16	507	267	06	665	378	02	857	514	116	550	300	556						
17	502	313		658	399		850	484	114	506	302	519	561	560				
18	496	338		649	424		840	503	103	496	291	502	554	541	696	559		
19	491	392	02	642	453		831	516	090	548	274	563						
20	510	351		663	446		849	574										
21	533	315	02	687	434		875	575	127	603	307	586	559	612	696	645	872	643
22	535	207	11	696	331	04	891	503	143	696	317	635	568	614				
23	511	288		668	386		861	486	123	535	308	535	567	563	708	570	889	590
24	522	308		678	410		868	536										
25	531	278		688	396		877	559	127	637	306	601	558	613	696	620		
26	519	280	05	676	382		867	540	116	686	288	668						
27	496	384	01	647	443	03	836	507	099	494	286	532	548	541	689	583	870	590
28	528	309	02	682	422		870	569										
29	521	342		674	450		860	566										
30	547	261	03	705	393		896	548	144	718	318	643	569	620	706	634	883	626

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF JULY 1952

TABLE 41 CONTD.

DAY	SURFACE			1000 MBS.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW
01	994	+018	44	-04	081	+002	42	126	-014	40	174	-038	35	279	-091	26	396	160	15			
02	973	+018	38	-22	063	-039	26	108	-068	25	155	-101	20	256	-179	11	369	280	05			
03	969	+004	30	-25	059	-045	25	104	-081	21	151	-113	14	252	-186	03	365	283	02			
04	976	-011	34	-19	065	-067	21	109	-095	18	156	-124	15	256	-175	11	371	225	08			
05	997	-010	29	-02	081	-079	21	125	-107	18	172	-115	16	273	-177	08	387	235	04			
06	014	+004	28	+12	095	-080	18	139	-102	15	186	-099	06	287	-155	04	402	231	04			
07	007	+024	39	+05	090	-033	31	135	-062	26	183	-083	23	285	-138	16	400	232	07			
08	005	+040	47	+05	090	-015	38	135	-001	45	184	-039	36	298	-093	25	406	161	11			
09	009	+015	36	+08	091	-048	21	137	-015	35	185	-029	34	290	-077	20	408	160	08			
10	983	+046	42	-13	072	-003	35	117	-035	30	165	-063	14	269	-083							
11	000	-024	20	+01	083	-095	16	127	-129	14	173	-168	19	272	-206	04	385	256				
12	015	+012	33	+12	096	-069	23	140	-067	25	187	-100	17	291	-096							
13	001	+021	34	+01	086	-043	28	131	-024	36	179	-046	33	283	-074	27	402	140	07			
14	996	-005	31	-03	081	-072	21	125	-100	17	171	-142	11	271	-201	06	384	283	02			
15	989	+020	37	-08	076	-028	31	121	-059	27	168	-070	27	272	-081	27	391	154	15			
16	994	-007	24	-04	079	-083	19	123	-128	15	169	-160	10	268	-234	04	378	321	03			
17	009	-028	20	+08	090	-106	14	133	-146	11	179	-170	10	278	-225	03	389	315	01			
18	991	-003	38	-07	077	-054	28	122	-083	23	169	-096	21	270	-161	13	385	185	12			
19	987	+007	36	-10	074	-049	27	119	-079	23	166	-093	21	267	-169	12	382	204	08			
20	993	-010	32	-05	078	-071	23	122	-105	19	168	-130	16	270	-159	12	385	221	08			
21	993	+011	42	-05	079	-038	30	124	-024	36	172	-036	36	277	-084	27	395	142	16			
22	975	+005	27	-20	064	-058	20	109	-094	18	155	-137	14	255	-198	08	368	268	02			
23	963	+000	27	-30	054	-051	21	099	-092	18	145	-130	14	245	-211	08	357	306	04			
24	992	-037	21	-06	076	-106	15	120	-139	12	166	-175	09	264	-216	03	377	256				
25	996	-003	33	+03	081	-047	28	126	-076	23	173	-092	22	276	-126	12	392	155	11			
26	000	+020	40	+01	085	+005	43	131	+020	50	180	-005	46	287	-038	31	407	120	20			
27	990	+029	44	-08	077	-001	40	123	-018	37	171	-049	31	275	-057	10	395	102				
28	979	+015	28	-17	068	-051	23	112	-084	21	159	-122	16	260	-193	08	372	271	05			
29	988	-025	14	-09	073	-096	09	117	-137	08	163	-164	08	261	-255	04	372	302	03			
30	990	+030	41	+08	077	-024	33	122	-053	28	170	-076	24	273	-131	16	389	202	10			
31	015	-006	25	+12	095	-051	19	140	-052	07	187	-081	07	290	-109	06	406	192	04			

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	531	255	08	688	376	02	880	541	132	615	312	575	567	617				
02	497	380	02	649	434		837	525	096	551								
03	493	387	02	643	484		828	550	087	567	269	575						
04	502	313	04	657	424		845	565	099	562	282	549	540	577	680	598	858	627
05	518	338	02															
06	533	324	03	688	426		876	550	126	660	302	625	553	627	690	627		
07	531	331	03	684	454		872	544	129	579	310	564						
08	540	264	06	698	375	02	890	518										
09	543	248	07	702	349	03	896	498	148	689								
10																		
11	516	326		670	415		859	561	114	553	298	536	554	586	693	599	871	638
12	541	293		696	408		886	555										
13	537	228		697	355		891	506	142	689	312	677	559	663	695	679	866	698
14	512	384		663	465		849	554	105	556	287	582						
15	526	250	08	684	367	03												
16	506	371		658	447		845	578										
17	516	390	01	665	506		847	627										
18	519	289	05	674	422		862	563	108	705								
19	515	290	04	671	398	02												
20																		
21	531	236	08	690	363	03	882	521	135	667	312	605	566	610				
22	498	329		655	354		849	488	111	510								
23	483	401		634	473		823	470	094	459	285	467	552	483				
24	507	335		660	444		848	572	106	567	289	523	551	499				
25	528	227	04	688	343	02	882	500										
26	544	208	10	705	321	03												
27	532	221	04	692	360													
28																		
29	500	372	01	651	468													
30	521	298	04	676	425		865	518	121	576	301	588						
31	539	275	05	697	383	02	890	511	141	703	314	646	561	658				

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF AUGUST 1952

TABLE 41 CONTD.

DAY	SURFACE			1000. MBS.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	008	+015	38	+07	091	-040	30	136	+001	45	184	-025	40	289	-085	23	407	173	12				
02	992	-001	37	-06	078	-034	32	123	-052	29	171	-056	29	274	-120	18	391	185	11				
03	000	-020	31	+01	083	-090	17	127	-132	12	173	-169	08	272	-239	04	386	343	01				
04	012	+003	38	+10	094	-057	28	138	-017	39	186	-026	39	292	-071	26	410	155	15				
05	012	+008	36	+10	094	+015	46	140	+013	44	189	+000	28	295	-049	16	414	116	18				
06	015	+029	57	+13																			
07	003	+053	48	+03	088	+001	40																
08	003	+034	45	+03	088	-016	37	133	-033	35	181	-040	36	286	-062	08	404	166	04				
09	977	+013	32	-18	066	-040	25	111	-071	23	158	-107	19	260	-148	08							
10	984	-010	17	-12	071	-077	14	115	-119	12	161	-155	09	261	-226	02	372	313					
11	004	-022	22	+04	086	-102	16	130	-131	14	176	-172	11	275	-215	08	387	266	05				
12	002	+021	40	+02	086	-035	32	131	-028	37	179	-052	31	283	-094	21	401	158	12				
13	997	+012	27	-02	082	-066	21	126	-105	18	172	-138	15	272	-220	06	385	261					
14	016	-017	17	+13	095	-110	14	139	-140	13	185	-166	12	285	-172		399	266					
15	999	+025	30	-00	084	-051	24	128	-082	21	175	-116	17	276	-193	10	389	253	05				
16	011	+016	32	+09	093	-045	30	138	-030	36	186	-049	33	291	-090	23	408	163	13				
17	999	+015	27	-00	083	-064	22	128	-095	19	174	-119	17	275	-217	06	387	272	02				
18	995	+025	36	-03	080	-045	27	125	-075	23													
19	000	+005	31	+01	084	-066	23	128	-090	19	175	-114	13	276	-190	06	389	231	03				
20	986	+038	48	-11	075	+010	46	121	+003	45	169	+009	51	276	-043	39	396	118	23				
21	990	+004	25	-07	076	-086	20	120	-096	12	167	-135	06	257	-216	05	378	307	03				
22	990	+000	34	-07	076	-047	27	121	-068	23	168	-106	18	270	-166	12	384	224	08				
23	990	-041	25	-07	075	-111	16	118	-152	12	164	-183	10	262	-266	04	373	307	02				
24	994	-049	15	-04	078	-115	10	121	-153	08	167	-191	07	265	-248	03	375	329	02				
25	985	-033	19	-11	071	-109	13	114	-149	11	160	-181	06	258	-270	02	367	361					
26	997	-003	19	-02	081	-084	15	125	-119	14	171	-146	13	272	-172	05	387	233					
27	013	-014	23	+11	093	-090	18	137	-098	16	184	-127	08	286	-151		401	221					
28	013	+007	30	+11	094	-080	19	138	-109	17	184	-124	14	286	-160	04	400	234					
29	019	-029	21	+15	097	-120	15	141	-103	09	188	-110		289	-166		403	220					
30	019	+004	36	+16	100	+017	45	146	-026	32													
31	010	+014	39	+09	093	+014	47	139	+000	45	187	-016	42	292	-078	26	411	131	16				

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	541	228	09	701	339	03	897	485	151	677								
02	525	269	06	682	375	02	874	523	127	670	303	632						
03	507	425																
04	545	250	07	703	358	03	896	516	148	693	317	668						
05	553	195	04	714	336		909	511	161	667	334	663	583	627	720	626	896	655
06																		
07																		
08	538	281	03	694	405		885	510	141	613	319	578	572	622	710	615		
09																		
10	499	406		647	518		831	564	093	504	281	485	545	499	690	512	894	554
11	517	345	03	670	450		857	541	116	515	302	508	565	504	709	537		
12	536	252	06	695	354	03												
13	515	337		668	441		858	486	126	457	317	485						
14	528	352		681	414		870	558	124	573	308	525						
15	520	320	02	674	444		862	509	123	527	309	513	574	492				
16	543	265	05	701	350		895	503	149	628	327	587	585	538				
17	515	367	01	666	476	02	854	489	121	494	310	494	575	475	722	482	912	455
18																		
19	521	314		677	377		870	495										
20	532	222	10	693	327	04	889	486	143	681	318	607						
21	506	360		661	410		852	510	115	500	301	516	564	523	708	523		
22	516	305	04	671	414		859	574										
23	500	402		650	477		835	589										
24	501	408		651	491		834	581	087	602	267	593	521	591	661	589		
25																		
26	518	322		671	434		860	555	112	593	294	568						
27	533	318		686	457		872	569	125	583	308	564	565	534	710	480	901	463
28																		
29	536	279		693	374		886	524	142	592								
30																		
31	547	232	09	706	360	03	899	521	148	715	321	653						

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF SEPTEMBER 1952

TABLE 41 CONTD.

DAY	SURFACE			1000 MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	006	+000	20	+05	088	-087	15	132	-130	13	178	-165	11	277	-224	03	389	294	02				
02	016	+006	31	+13	096	-079	22	140	-079	15	188	-082	07	291	-107	04	409	141	16				
03	002	+012	26	+02	095	-075	18	130	-115	14	176	-146	13	276	-201	04	388	296					
04	991	-022	23	-07	076	-093	15	120	-126	11	166	-164	09	265	-245	02	375	338					
05	004	-017	16	+04	086	-102	11	130	-140	10	175	-180	09	274	-218		387	266					
06	994	+003	34	-04	079	-052	26	124	-081	22	171	-103	19	273	-119	16	391	148					
07	989	-026	20	-08	074	-097	17	118	-122	13	164	-134	04	266	-156		380	230					
08	962	-008	36	-30	053	-043	26	098	-062	23	146	-086	18	248	-134	14	364	195					
09	978	-001	28	-17	067	-049	23	111	-084	20	158	-108	16	259	-175	11	374	238					
10	001	-014	25	+01	084	-083	20	128	-112	17	175	-141	14	276	-113	16	393	159					
11	983	+026	33	-15	071	-045	25	116	-084	21	162	-122	16	263	-192	08	378	213					
12	986	-006	28	-11	072	-081	17	116	-125	14	162	-153	05	262	-236	02	372	340					
13	000	+002	20	+01	084	-066	17	128	-104	13	175	-134	10	275	-204	03	387	285					
14	982	+020	39	-14	071	-014	31	116	-042	26	164	-059	25	267	-104	22	385	153					
15	979	-015	23	-16	067	-070	20	111	-099	18	158	-139	12	257	-219	06	369	301					
16	994	-021	17	-04	079	-086	16	123	-118	12	169	-159	07	267	-245	04	378	315					
17	996	-040	23	-03	080	-083	20	124	-107	17	170	-142	13	270	-204	08	382	288					
18	016	-025	19	+15	095	-117	13	139	-154	12	184	-192	09	283	-195	07	396	186					
19	013	+009	31	+11	094	-056	26	119	-056	15	187	-044	08	291	-093		409	157					
20	986	+014	37	-11	074	-031	31	119	-056	28	166	-078	24	268	-130	15	384	186					
21	980	-012	19	-16	068	-066	14	112	-104	11	159	-126	10	259	-185	05	373	257					
22	002	-018	21	+02	085	-093	17	129	-118	16	175	-117	12	278	-202	08	395	164					
23	991	+009	29	-07	077	-054	22	121	-093	19	168	-133	15	268	-143	11	387	210					
24	992	-002	32	-06	078	-049	29	122	-080	25	169	-111	20	271	-143		392	201					
25	003	-009	22	+03	086	-092	16	130	-136	13	175	-160	12	276	-146		402	212					
26	012	-009	20	+10	093	-086	16	137	-093	06	184	-108	06	286	-139	05	416	150					
27	021	+009	31	+17	100	-016	34	146	-024	33	194	-048	29	298	-092	16	416	150					
28	007	+010	31	+06	091	+017	47	137	-011	40	185	-038	34	290	-025	41	410	116					
29	003	+004	31	+03	086	-038	24	131	-056	11	179	-076	11	282	-143	13	398	187					
30	990	+004	39	-07	076	-020	37	122	-024	38	170	-041	35	275	-068	31	393	149					

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	517	374	01	667	464		857	488										
02	544	235	09	704	361	03	896	531										
03	516	348		669	432		859	495										
04	501	434		648	522		832	566	085	627	262	613	515	590	655	577		
05	516	346		669	436		857	550										
06	526	265	06	683	409													
07	512	317	03	666	409	02	854	558	111	537	295	563	552	587	693	572		
08	497	282	05	653	403		843	510	107	489	296	508	559	499	705	512		
09	504	338	03	656	460		842	585	100	522	287	504	553	469				
10	529	235	08	688	349	04	882	505	134	658	315	549	575	534				
11	510	302		667	381													
12	498	380		649	455													
13	515	396	01	665	460		852	543	111	543								
14	520	250	08	679	356	01	872	506										
15	496	386	01	646	472													
16	504	426		651	518		834	594	087	577	270	551						
17	510	385	02	664	411		853	561	107	615	284	624	534	637	670	632		
18	532	278	03	688	403		877	555	129	567	310	569	563	617	700	631		
19	544	241		702	369		895	520	148	658	323	615						
20	518	262	06	676	384	02	867	543										
21	502	349	02	654	475		840	520	104	489	294	470	560	500	706	477	896	467
22	529	259	05	687	373	02	880	514	135	580	318	525	581	507	726	520		
23	515	290		671	399													
24	521	239	07	680	349	02	875	465										
25	525	279	04	682	400	01	871	533	126	561	309	559	567	561	708	571	890	567
26	533	314	03	688	420		877	549	131	594	312	572	568	583				
27	551	249	03	709	381	02	900	545	155	609	332	619	583	614				
28	547	195	10	710	300	04												
29	530	305		685	413		876	503	140	502	327	523	588	513	733	505	922	482
30	529	337	05	688	352	02	883	499	139	591	320	581	579	526	723	521		

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF OCTOBER 1952

TABLE 41 CONTD.

DAY	SURFACE			1000. MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	986	+004	20	-11	073	-074	16	117	-115	14	163	-151	12	263	-224	04	376	230					
02	001	+008	29	+01	085	-074	21	129	-106	18	175	-140	14	275	-196	08	389	218				03	
03	000	-001	23	+01	084	-075	16	128	-120	13	174	-112	14	278	-100	06	394	178					
04	007	-029	19	+06	088	-112	14	133	-057		180	-058	09	284	-102		400	185					
05	019	-034	18	+15	097	-109	17	142	-035	08	189	-060		293	-115		409	197					
06	009	+008	35	+08	092	-029	31	137	-036	33	185	-043	34	289	-089	24	407	161				14	
07	004	+008	37	+04	088	-029	34	133	-032	34	181	-060	29	285	-102	23	402	168				15	
08	978	+000	30	-17	067	-048	27	111	-093	21	158	-121	17	259	-177	11	373	240				07	
09	999	-040	19	-00	082	-117	14	125	-131	08	172	-100		273	-166	05	397	249				03	
10	002	+020	20	+02	085	-102	16	129	-098	07	175	-113		277	-115	19	395	145				15	
11	988	+007	26	-09	075	-064	20	119	-095	19	166	-119	17	267	-174	04	381	216					
12	982	+000	23	-14	070	-050	22	114	-090	17	161	-130	12	261	-208	06	374	245				03	
13	998	+016	33	-01	083	-063	23	127	-092	20	174	-120	17	274	-191	10	388	253				06	
15	992	-030	20	-06	077	-098	13	121	-135	10	166	-176	08	265	-250	04	375	311					
16	003	-046	14	+03	085	-127	10	128	-166	09	173	-206	07	271	+268	02	381	331					
17	002	+016	41	+02	086	-062	27	130	-054	30	178	-069	28	282	-115	21	398	194				11	
18	001	+017	37	+01	086	-040	31	131	-040	32	178	-059	28	282	-070	23	401	148				12	
19	999	+026	46	-00	085	+002	43	131	+024	54	180	+026	58	287	-017	48	407	104				24	
20	993	+022	29	-05	079	-050	23	123	-087	19	170	-119	16	271	-193	07	385	190					
21	004	-006	24	+04	087	-084	14	131	-115	12	177	-156	11	276	-211	06	388	269				02	
22	997	+005	26	-02	082	-066	22	126	-105	17	173	-130	15	274	-159	13	389	197				11	
23	983	+009	38	-13	071	-042	30	116	-071	25	163	-083	24	266	-127	18	382	202				10	
24	986	-030	29	-11	072	-075	19	116	-115	12	163	-152	10	262	-223	06	374	266				02	
25	995	+001	29	-03	080	-069	22	124	-095	19	171	-134	15	271	-207	09	383	293				03	
26	997	-003	23	-02	081	-068	21	126	-110	16	172	-138	13	273	-142	06	388	220				05	
27	993	+005	31	-05	079	-064	22	123	-091	19	170	-119	17	271	-188	10	384	267				06	
28	990	+014	41	-08	076	-043	31	121	-068	27	168	-100	21	270	-162	13	385	222				08	
29	995	+035	45	-04	082	+016	46	128	+025	54	177	+005	49	283	-045	15	402	114				13	
30	988	+004	25	-09	075	-060	21	119	-092	16	166	-129	09	266	-200	05	379	246					
31	988	+015	38	-09	075	-035	30	120	-066	25	167	-098	20	269	-167	12	383	219				08	

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	
01	507	313		662	408		856	443	126	462	317	464	584	480	730	487	919	477	
02	520	322		674	442		851	552	123	496	312	463	580	470	727	490			
03	528	270		686	377		876	553	129	570	313	514	579	472	727	463			
04	534	288		690	412		879	542	137	540	322	526	585	508	731	480			
05	542	290		698	408		887	554	139	593	321	562	581	527	726	495			
06	542	245	05	700	357	02	895	494	148	658	326	571	583	555	726	519	915	445	
07	537	248	07	695	375	02	886	542	139	568	322	553	580	547	723	540	907	563	
08	504	310	04	659	404														
09	518	333		671	447		860	530	120	530	306	512							
10	531	212	12	693	312	05	891	455	149	634	329	582	584	556	728	535	914	499	
11	514	286																	
12																			
13	504	341	01	657	433		852	387	130	416	325	438							
14	518	334	03	670	452		858	533	117	528	303	508	570	463	719	466			
15	502	387		631	508		837	508	103	470	291	489	557	493	704	472			
16	507	385		658	450		847	498	113	482	303	468	572	441	722	446			
17	531	287	06	687	413														
18	536	244	07	695	360	03	889	510	143	661	318	632							
19	545	204	12	706	317	05	903	472	159	668	332	638	583	578					
20	519	253		677	368		870	503											
21	517	366	01	669	440		857	535	119	520	304	537							
22	522	293	05	677	410		867	534	129	488	317	487	581	502	727	503	917	470	
23	514	298	04	670	410		859	525	123	503	311	500	575	494	722	472	913	458	
24	504	338		658	434		846	515	111	485	300	480							
25	512	347	01	664	449		852	549	111	515	300	493	565	476					
26	521	281		678	387		868	548	125	539	310	537	572	530	716	528	901	530	
27	513	357	02	665	457		855	510	117	534	302	527	567	500	713	500			
28	516	306	04	671	416		863	483	128	472	318	455							
29	539	213	08	700	321	03	898	458	156	590									
30	511	264																	
31	517	267	05	673	400	02	865	513	124	519	310	519	571	519	716	482	907	448	

TABLE 41 CONTD.

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND FOR THE MONTH OF NOVEMBER 1952

DAY	SURFACE			1000 MB			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	988	+003	22	-09	074	-068	16	119	-103	13	165	-142	10	265	-202	07	378	278	04				
02	006	-001	25	+05	088	-088	16	132	-125	13	178	-156	10	279	-185		392	234					
03	986	+014	27	-11	073	-046	20	118	-076	19	165	-101	18	267	-149	12	383	141					
04	989	+014	26	-08	075	-055	22	120	-092	17	166	-123	14	267	-190	08	381	244	04				
05	994	+005	35	-04	079	-051	27	124	-079	23	171	-107	20										
06	991	-002	30	-15	069	-057	24	113	-070	18	160	-103	12	261	-188	07	374	288	04				
07	980	-001	35	-16	068	-054	24	113	-070	18	160	-103	12	260	-259	06	370	340	02				
08	985	-032	18	-11	071	-084	16	115	-125	13	161	-157	11	260	-224	08	383	273	04				
09	998	-007	21	-01	082	-089	16	126	-115	16	172	-152	13	271	-150	12	403	224	07				
10	014	+020	30	+12	095	-065	21	139	-102	17	186	-115	15	288									
11	000	+036	41	+01	085	-009	38	131	-002	43	180	-010	44										
12	998	+003	24	-01	082	-077	17	126	-114	15	173	-126	10	275	-133		392	174					
13	007	+011	33	+06	090	-047	28	135	-076	24	182	-071	27	286	-057	24	403	179	12				
14	004	+006	28	+04	087	-073	20	131	-073	23	179	-060	17	283	-089	09	400	159					
15	003	+010	31	+03	087	-064	23	131	-041	19	179	-046	09	283	-098		400	186					
16	001	+003	27	+01	085	-060	20	130	-015	15	178	-039	08	283	-082		401	154					
17	983	-025	24	-13	070	-091	18	114	-130	14	159	-164	11	259	-229	05	370	308	02				
18	990	+026	38	-08	077	-028	29	122	-052	27	169	-079	24	272	-100	22	390	153	13				
19	964	+027	42	-29	056	-014	37	101	-018	38	149	-043	33	253	-099	25	371	140					
20	966	+017	28	-27	057	-039	25	102	-081	21	149	-114	16	250	-179	10	364	241	05				
21	964	+005	35	-29	055	-029	30	100	-061	25	147	-092	21	249	-168	12	363	231	07				
22	993	+013	30	-05	079	-061	30	114	-058	26	162	-035	21	275	-087	09	394	138					
23	981	+014	38	-15	069	-035	30	114	-058	26	162	-066	21	265	-105	06	383	162					
24	982	-008	21	-14	069	-072	17	113	-115	15	160	-146	13	260	-171	07	375	205					
25	992	+001	21	-06	077	-074	16	122	-114	15	162	-168	10	268	-162		408	114					
26	002	+015	35	+02	087	+011	39	133	+026	47	182	-002	43	288	-044	36	408	200					
27	983	+023	29	-13	071	-048	23	115	-081	21	162	-121	15	263	-188	08	376	255	14				
28	010	+008	37	+09	092	-063	24	136	-069	22	184	-046	10	288	-110		409	202	05				
29	018	+011	31	+15	099	+034		145	+040	13	194	+013	12	300	-032		421	101	08				
30	996	+027	43	-03	083	+061	59	129	+025	43	178	+003	40	284	-045		404	127					

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	506	375	02	657	488		844	498	110	486	298	488						
02	525	260		683	373		875	495	133	541								
03	518	250		676	384		870	485										
04	511	340	01	664	456		853	484	122	430	316	448	586	454	735	440	927	451
05																		
06	504	328	02	658	413		851	450	122	441	313	477	584	454	733	454	925	442
07	502	363	02	655	437		846	458	116	450	309	437						
08	497	354	01	651	419		843	482	108	514	297	465						
09	512	363	02	663	475		849	570	106	530	294	450	567	381	721	370		
10	535	273	05	693	373	02	856	517	140	586	322	563	583	498	730	471	922	429
11																		
12	526	237	07	685	365	03	860	450	149	488	338	505	601	502	747	475	939	447
13	537	255	07	695	381	02	886	523	148	510	336	504	599	523	744	495	932	477
14	535	273		691	408		881	524	147	478	336	483	602	481	749	478	940	464
15	534	278		690	415													
16	536	236		696	355													
17	497	399		646	463		889	516	145	514	333	517	597	489	744	466		
18	525	243	07	684	359	03	835	505	099	505	287	491	556	470	703	491	894	450
19	06	250		664	366	02	857	509	116	544	302	492	588	495	735	472		
20	494	341	03	647	448		836	526	097	526	283	505	567	475				
21	494	325	03	648	407		842	477	107	504	293	510	549	463	697	448	891	420
22	530	225		690	366		882	526	137	610			558	484				
23	17	273											579	516	722	520	909	499
24	07	302		663	404		853	532	116	486								
25	16	285		673	372		866	512	128	488	316	500	581	494	727	510	915	476
26	06	208		707	298	03	906	443	166	613	347	554	605	542	749	513		
27	38	255	02	666	351		860	373	139	403	333	436	604	463	752	482	941	482
28	38	210	09	698	296		894	481	159	472								
29	58	211	07	719	298		917	472	177	535	363	529	623	550	766	530		
30	41																	

RESULTS OF RADIOSONDE OBSERVATIONS AT HEARD ISLAND
FOR THE MONTH OF DECEMBER 1952

TABLE 41 CONTD.

DAY	SURFACE			1000 MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	006	+030	26	+05	089	-057	19	134	-096	17	181	-068		285	-090	12	403	120	07				
02	006	+024	31	+05	089	-058	23	134	-089	20	180	-130	16	281	-201	10	393	272	04				
03	011	+016	33	+09	093	-061	18	138	-056	10	185	-052		290	-086	07	408	144	15				
04	996	+019	27	-03	081	-049	23	126	-081	20	173	-115	16	274	-158	13	392	124	16				
05	980	+035	36	-16	069	-030	27	114	-054	18	161	-097	12	263	-110		381	158					
06	981	+016	31	-15	069	-046	25	114	-084	20	161	-107	19	262	-169	11	377	212	04				
07	003	+017	30	+03	087	-066	18	131	-089	12	178	-130	12	278	-159	10	394	200	10				
08	966	+056	46	-28	058	+022	42	104	-006	38	153	-010	40	259	-040	37	379						
09	999	+012	23	-00	083	-061	18	128	-100	16	174	-135	12	275	-163	05	390	214	03				
10	008	+033	39	+07	092	-004	38	138	-017	37	186	-044	33	290	-061	07	410	121	13				
11	993	+045	44	-05	080	+000	39	126	-006	41	174	-018	40	280	-039	38	401	099	24				
12	972	+022	41	-22	062	-020	34	108	-013	38	156	-012	29	262	-058	14	380	156	08				
13	011	+013	29	+09	093	-071	20	137	-100	17	184	-076	14	288	-101	08	405	169	04				
14	003	+022	39	+03	088	+006	43	134	+012	49	182	-015	43	287	-071	32	406	141	11				
15	989	+028	39	-08	076	-036	26	121	-070	20	168	-111	17	269	-158	08	385	206					
16	984	+017	39	-12	072	-034	31	117	-065	26	164	-098	21	266	-166	11	380	234	07				
17	001	+012	34	+01	085	-066	23	129	-087	21	176	-117	16	277	-136	09	393	197	06				
18	996	+035	47	+05	082	+040	54	129	+018	48	178	-004	41	284	-016	13	405	102	09				
19	006	+014	36	+05	090	+029	52	136	+026	45	185	+016	42	293	-020	16	414	061	27				
20	002	-005	36	+02	086	-026	31	131	-048	27	179	-073	24	283	-040	39	404	055	41				
21	015	+020	35	+15	095	-054	26	141	-050	19	188	-090	16	292	-084	19	410	155	13				
22	003	+024	40	+03	087	-029	33	132	-038	33	180	-016	42	286	-040	31	407	106	14				
23	009	+025	33	+08	092	+035	48	139	+034	47	188	-002	41	293	-050	31	413	101					
24	996	+010	36	-03	082	+015	39	128	-006	36	176	-013	25	281	-064	4	401	118					
25	998	+014	30	-01	083	-054	25	128	-025	21	176	-016	19	281	-075	24	400	139	19				
26	998	+021	38	-01	083	-033	31	128	-049	25	176	-078	23	280	-090	26	397	145	18				
27	989	+024	41	-08	077	+022	48	123	+030	54	172	-001	47	278	-042	37	399	093	25				
28	989	+015	35	-08	076	-051	26	120	-087	21	167	-107	17	269	-132	07	386	170					
29	006	+024	40	+05	089	-044	28	134	-076	21	181	-110	18	284	-112	4	401	175	06				
30	995	+039	43	-04	082	+030	51	128	+019	44	177	-003	39	283	-050	31	403	116	19				
31	996	+018	39	-03	082	-023	35	127	-053	29	174	-078	26	277	-133	17	393	202	10				

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT					
01	540	215	04	701	321	03	897	473	155	598	341	501	604	510	750	475	942	437					
02	523	316	02	677	418		867	509	132	482	322	472	588	503	735	458							
03	544	244	07	702	376	03	894	520	148	592	331	531											
04	528	215	09	689	308	05	887	458	146	625	325	576	585	508	734	420	929	423					
05	515	255		673	367		869	454	135	485	324	506	589	490	735	475	927	420					
06	509	303		663	421		853	521	114	512	303	460	575	424									
07	527	304	04	683	379		875	494	138	524	325	513	590	489	737	471	928	444					
08	518	158		682	276		883	415															
09	522	306		678	381		870	515	130	510	319	476	591	419									
10	547	186	14	710	285	07	910	434	171	610	349	564	608	510	755	468	948	414					
11	539	176	14	703	275	06	905	391	171	596	353	546	614	503	760	493	950	444					
12	515	220																					
13	539	266	02	696	378	01	888	515	145	494	333	480	599	492	746	469							
14	542	236	04	702	321	03	899	454	155	660	336	542	600	466	748	450	941	438					
15	517	273																					
16	510	325	04	664	430		857	412	132	421	326	443	596	442	746	430	940	417					
17	526	277		684	345		880	471															
18	543	204	05	705	310		902	460	166	530	353	490	616	510	762	492	952	463					
19	555	142	19	722	240	09	924	407	188	594	367	585	624	519	768	514	957	471					
20	546	131	24	715	250	09	916	387															
21	545	229	09	705	339	03	902	473	161	543	346	514											
22	544	180	10	708	295	03	906	445															
23	552	178		715	280		916	412	181	565	364	540	625	497	770	518							
24	538	212		699	320		896	460	161	473	351	475											
25	537	219	10	697	335	04	892	477	157	475	348	452	615	496	762	474	952	471					
26	533	248	08	692	369	03	887	478	150	487	340	489	608	448	757	448	949	448					
27	538	174	13	701	296	05	900	450	158	553	345	501	612	450									
28	520	277		677	384		870	468															
29	536	244		695	358		889	493	150	506	339	472	609	460	758	437	952	433					
30	541	202	10																				
31	525	305	04	680	405		872	447	146	414	340	442	609	460	758	459							

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF JANUARY 1952

TABLE 42

DAY	SURFACE			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW
01	980	+059	48	-16	070	+003	39	115	-013	38	164	-025	37	269	-078	27	386	159	14
02	985	+068	48	-12	074	+010	38	120	-035	31	167	-059	28	271	-118	17	388	181	08
03	994	+043	33	-04	080	-038	24	125	-060	24	172	-094	20	274	-139	05	390	194	
04	980	+060	47	-16	070	+003	39	116	+005	17	164	-029	08	268	-084		386	151	
05	975	+066	48	-20	066	+016	39	112	-012	34	160	-046	27	264	-105	19	381	183	12
06	995	+039	36	-03	081	-038	24	126	-065	20	173	-105	18	275	-143	05	390	197	03
07	995	+046	49	-05	082	-006	33	127	-033	29	175	-063	25	278	-126	18	394	194	10
08	000	+038	46	+01	085	-034	30	130	-057	23	178	-068	24	282	-078	14	400	150	09
09	989	+056	50	-08	077	+027	46	124	+010	44	172	-004	42	278	-062	22	397	140	12
10	981	+086	59	-15	071	+026	40	117	-002	34	165	-018	24	270	-090	20	386	129	13
11	968	+068	53	-26	060	+035	49	106	+004	41	155	-014	37	260	-085	21	377	174	13
12	999	+070	50	-00	085	+000	31	131	-021	21	179	-044	20	283	-092	11	401	108	23
13	998	+080	52	-01	085	+024	39	131	-006	28	179	-036	19	284	-100	05	401	174	
14	991	+071	55	-07	079	+024	43	125	-010	36	173	-041	31	277	-094	23	395	146	16
15	001	+060	44	+01	087	-016	32	132	-043	29	180	-079	22	283	-098	05	400	170	
16	997	+082	69	-02	085	+063	65	131	+037	59	181	+006	49	287	-048	36	406	131	18
17	989	+069	59	-08	078	+032	48	124	+003	37	172	-023	33	278	-059	13	397	145	06
18	990	+074	55	-08	078	+008	40	124	-016	33	172	-042	30	276	-059	14	395	144	07
19	005	+044	42	+05	090	-021	32	135	-012	21	183	-020	21	289	-046		408	130	19
20	981	+081	64	-15	070	+051	51	116	+031	51	165	+038	22	271	-064	25	390	143	16
21	986	+057	51	-11	075	+000	40	120	-017	38	169	-022	40	273	-085	27	391	157	13
22	980	+071	49	-16	070	+009	38	116	-010	27	164	-026	19	268	-106	14	385	203	07
23	990	+065	51	-07	079	+006	38	125	-025	33	173	-036	29	277	-091	20	395	139	
24	994	+070	46	-04	081	-002	31	127	+004	11	175	-007		281	-083		398	140	12
25	970	+082	68	-25	062	+038	56	109	+054	65	158	+055	71	266	-021	47	387	076	34
26	971	+040	38	-24	061	-002	33	107	-045	25	154	-071	20	257	-124	14	374	171	09
27	984	+072	57	-15	073	+010	43	119	-013	41	167	-042	34	271	-102	23	389	157	16
28	973	+030	40	-22	063	-002	36	109	-027	32	157	-055	28	260	-133	15	375	223	07
29	969	+053	45	-25	060	-005	35	106	-036	30	153	-064	23	256	-139	12	371	222	06
30	969	+021	38	-25	060	-019	32	105	-048	25	152	-072	25	255	-139	15	370	225	07
31	982	+066	43	-14	071	+000	34	117	-040	29	164	-070	20	267	-140	11	382	213	03

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	521	255	07	679	363	03	873	487	137	458	329	430	603	411	754	428	948	422
02	521	279	02	677	385	01	868	525	135	433	326	426	599	419	750	418	945	415
03	523	281		680	379		873	481										
04	521	242		681	341		875	474	142	464	334	446	605	453	754	453	946	441
05	514	284	06	670	396	02	863	474	137	388	334	386	611	400	763	400	961	379
06	523	291		679	396		870	520	137	447	330	426	603	429	754	418	948	425
07	527	291	05	685	374	01	877	510	144	455	336	446	607	443	757	426	952	424
08	536	228	07	696	338	02												
09	533	224	05	693	355	01	886	486	150	502	339	472	607	470	756	432	951	403
10	526	201	04	686	335		881	481	146	477	337	460	607	450	757	440	951	425
11	511	259		669	364		864	428	140	419	335	404	610	414	762	406	957	406
12	539	204	06	700	329	04	896	465	162	468	351	510	617	468	764	467	956	464
13	535	237		696	316		895	440	163	454	355	451	625	469	773	464	965	448
14	531	196	12	693	300	05	892	446	160	465	351	449	623	439	772	445	965	429
15	535	237		697	299		895	445	160	504	349	465	618	452	767	458	959	439
16	542	219	09	703	328	04	898	505	157	509	347	458	617	452	766	448	959	439
17	532	244		692	313		890	466	156	464	349	455	622	435	772	419	969	387
18	531	234		689	358		884	471	156	423	347	441	620	447	769	443	962	444
19	544	223	10	704	347	04	899	490	158	524	347	470	621	454	760	477	950	465
20	526	222		686	341	01	881	459	153	422	347	420	621	420				
21	526	253	05	685	373	03	877	475	147	435	340	445	611	444	760	445	953	434
22	517	295	03	672	433		864	411	141	386	338	409	612	444	765	437	957	431
23	531	317		690	365	01	884	481	153	439	347	433	618	454				
24	535	30	11	695	324	03	893	449	159	459	351	459	620	467	768	463		
25	527	133	24	694	223	13	899	356	171	527	353	590						
26	509	006	06	671	293	03	870	427	147	395	344	398	619	425	769	427	962	445
27	524	234	05	684	333	03	879	497	151	415	345	440	614	468	762	450	954	466
28	507	24	03	681	413	01	853	430	129	379	328	380	605	408	757	418		
29	503	06	03	659	402	01	851	454	126	383	324	382						
30	502	14	04	656	421	01	847	475	121	399			591	421	742	421	937	420
31	515	95	02	670	406		862	490	134	423	328	419	601	427	752	419	947	411

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF FEBRUARY 1952

TABLE 42 CONTD.

DAY	SURFACE			1000 MBS	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WW		HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT
01	979	+06.4	46	-17	069	+00.6	33	115	-039	25	162	-075	23	265	-138	13	380	223	07
02	984	+04.2	42	-13	073	-015	33	118	-044	29	165	-074	25	268	-139	16	384	200	10
03	983	+07.0	60	-13	073	+035	50	119	+025	45	167	-005	32	273	-066	23	392	124	20
04	993	+07.2	52	-105	081	+005	37	126	-026	35	174	-055	22	277	-128	08	393	220	03
05	984	+07.0	59	-13	074	+065	66	121	+039	60	170	+013	53	276	-056	33	395	157	06
06	997	+07.7	49	-102	084	+000	35	129	-055	28	177	-053	18	280	-126	11	396	205	06
07	989	+08.3	69	-109	078	+049	60	125	+005	46	173	-015	42	278	-102	14	396	141	
08	990	+06.6	51	-108	078	+005	40	124	-017	37	172	-040	33	276	-114	18	393	179	07
09	016	+07.5	44	+14	099	-016	31	144	-045	19	192	-059	16	296	-081	10	413	156	13
10	011	+07.6	63	+10	096	+042	59	142	+011	46	191	-019	40	296	-075	27	414	138	
11	987	+07.1	60	-110	076	+031	51	142	+007	42	171	-015	41	277	-044	39	397	103	27
12	985	+05.8	52	-112	074	+008	41	120	+001	42	168	-026	38	274	-048	19	393	122	11
13	988	+05.1	47	-109	076	-005	32	122	-048	25	169	-073	21	272	-103	390	170		
14	009	+06.1	40	+08	093	-025	27	138	-039	13	186	-025	09	291	-057	27	410	123	19
15	011	+07.5	57	+10	096	+083	65	144	+103	29	194	+089	30	303	+024	22	426	054	12
16	013	+07.5	64	+11	098	+062	65	145	+037	55	194	+012	48	300	-027	21	421	082	25
17	995	+08.0	68	-03	083	+070	69	131	+060	65	180	+039	58	288	-014	45	409	084	29
18	000	+06.5	47	+01	086	-009	32	131	-006	09	180	+001	12	287	-005	14	409	066	09
19	995	+07.9	49	-03	083	+014	29	128	-010	15	176	-039	11	281	-082	400	094	19	
20	008	+07.7	46	+07	093	-005	33	138	-031	17	186	-057	09	290	-122	13	407	168	11
21	005	+08.3	60	+05	091	+038	44	137	-003	37	186	+015	15	292	-024	10	414	072	
22	001	+07.0	47	+01	087	-009	31	132	-025	16	180	-047	13	284	-101	401	161	12	
23	005	+07.5	50	+05	091	+010	34	136	-031	29	184	-011	29	291	-024	10	411	059	08
24	001	+05.7	38	+01	087	-011	29	132	-039	26	180	-072	18	282	-143	13	397	250	07
25	006	+07.8	58	+06	092	+024	49	138	-010	40	185	-012	37	292	-051	19	412	112	20
26	999	+07.2	48	-00	085	+000	33	131	-024	22	179	-060	25	283	-071	17	402	124	
27	990	+04.0	20	-07	078	+003	37	123	-019	34	171	-055	26	275	-109	06	392	174	06
28	989	+04.8	42	-08	077	-014	33	122	-045	28	169	-076	23	272	-148	14	387	230	06
29	005	+05.9	44	+05	090	-013	30	135	-044	27	183	-042	08	288	-058	26	406	083	24

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	513	281	05	669	396	02	865	370	146	388	343	395	619	415	760	423		
02	517	259	07	676	361	03	871	480	142	414	337	428	610	437	760	423		
03	529	224	10	688	355	03	882	516	147	449	340	440	610	465	758	450	950	450
04	524	311	02	679	411		872	444	145	419	339	430	611	447	761	455	953	445
05	532	217	10	693	311	05	891	450	155	528	341	502	608	468	755	473	946	463
06	529	295	04	685	397		876	479	147	429	340	445	611	448	759	453	951	456
07	522	224																
08	527	264		683	388		875	494	145	436	338	443	610	465	759	440	952	441
09	549	222	08	709	334	03	905	483	163	548	350	494	616	473	763	445	957	435
10	551	216	05	711	341	03	905	500	162	545	349	500	613	494	760	484	950	463
11	535	206	04	696	316	03	893	467	154	485	345	450	613	466	761	464		
12	530	230	06	690	309		891	388	163	448	355	464	624	461	772	465	964	445
13	524	239		684	351		880	434	155	425	348	465	614	479	762	465	952	468
14	548	173	14	712	287	04	911	443	172	576								
15	566	169	09	730	266	05	932	417	196	566	378	568	635	559	777	543	961	536
16	561	160	13	725	273	08	926	417	187	610	369	557	627	551	770	524	957	492
17	549	153	18	714	260	08	916	406	178	595	359	561	616	568	758	552		
18	548	155		713	271		914	422	176	607	359	541	619	538	763	510	951	485
19	539	167	13	704	262	04	906	408	172	568	356	514	619	517	764	494		
20	541	260	05	699	368	01	893	487	158	487	347	479	613	493	761	466		
21	554	171	11	717	292	06	916	442	177	588	359	530	621	518	766	504	954	493
22	536	235	05	697	321	05	896	426	162	474	352	488	616	517	761	501	949	508
23	549	188	04	712	304	04	909	442	170	571	355	525	619	506	764	493	953	491
24	528	317	02	682	401		879	396	155	429	349	446	619	470	766	466	957	468
25	550	197	05	712	306	02	910	454	170	572	354	543	615	522	759	507	947	485
26	539	203	05	699	327	04	897	471	161	495	350	489	614	519	759	497	947	489
27	527	245		686	357	01	878	521	146	443	339	458	607	487	754	480	943	473
28	519	269	06	675	407	02	866	449	139	438	332	459	600	488	747	472		
29	547	172	11	710	293	03	909	432	173	546	357	546	617	528	762	507	949	504

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF MARCH 1952

TABLE 42 CONTD.

DAY	SURFACE			1000 MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	995	+06 1	5 2	-1 0 3	0 8 2	+0 0 0	3 8	1 2 8	-0 0 8	4 0	1 7 6	-0 2 0	4 0	2 8 1	-0 7 7	2 7	3 9 9	1 5 2	1 4				
02	998	+06 1	4 1	-1 0 1	0 8 4	-0 1 9	2 7	1 2 9	-0 5 7	2 0	1 7 7	-0 8 5	1 2	2 7 9	-1 5 6	0 5	3 9 3	2 4 7					
03	985	+06 6	5 3	-1 1 2	0 7 4	+0 1 5	4 1	1 2 0	-0 1 0	3 7	1 6 8	-0 3 7	3 3	2 7 3	-0 7 8	2 8	3 9 1	1 6 4	1 2				
04	992	+04 8	2 3	-1 0 6	0 7 9	-0 2 2	2 3	1 2 4	-0 6 3	1 1	1 7 1	-0 9 0	0 6	2 7 3	-1 6 7	0 6	3 8 7	2 3 9	0 4				
05	985	+05 4	4 6	-1 1 2	0 7 4	-0 0 4	3 4	1 1 9	-0 3 3	2 8	1 6 7	-0 6 3	2 4	2 7 0	-1 4 6	1 4	3 8 6	1 9 6					
06																							
07	012	+04 7	3 3	+1 1 0	0 9 5	-0 3 2	2 6	1 4 0	-0 4 4	0 7	1 8 8	-0 3 5	1 1	2 9 3	-0 4 4	3 2	4 1 3	1 0 9	2 3				
08	007	+06 8	5 7	+0 0 6	0 9 3	+0 6 6	5 5	1 4 0	+1 0 0	3 2	1 9 0	+0 7 6	3 8	2 9 9	+0 0 9	1 9	4 2 2	0 4 6					
09	991	+07 2	5 3	-1 0 7	0 7 9	+0 0 5	4 0	1 2 5	-0 2 8	3 3	1 7 3	-0 5 7	2 8	2 7 6	-1 2 3	2 0	3 9 3	1 7 5	1 3				
10	999	+03 9	3 5	-1 0 0	0 8 4	+0 3 9	2 2	1 2 9	-0 7 7	1 8	1 7 6	-1 1 6	1 5	2 7 8	-1 3 3	1 2	3 9 4	1 8 4	0 4				
11	011	+04 6	2 9	+0 0 9	0 9 4	-0 4 3	2 4	1 3 8	-0 8 7	2 1	1 8 6	-0 4 5	0 8	2 9 1	-0 5 2	0 8	4 1 0	1 1 3	0 8				
12	004	+07 3	4 7	+0 0 4	0 8 9	-0 0 6	3 2	1 3 5	+0 0 6	3 6	1 8 4	+0 2 7	2 5	2 9 0	-0 4 5	1 1	4 1 0	1 2 6	0 6				
13	995	+07 3	6 1	-1 0 3	0 8 3	+0 3 0	4 5	1 2 8	+0 0 6	3 8	1 7 7	-0 2 5	3 1	2 8 2	-1 6 3	1 2	3 7 9	1 9 9	1 0				
14	978	+06 7	4 9	-1 1 8	0 6 8	+0 0 2	3 4	1 1 4	-0 3 1	2 7	1 6 2	-0 6 1	2 4	2 6 5	-1 1 6	1 9	3 8 2	1 7 0	1 4				
15	980	+02 3	3 6	-1 1 6	0 6 9	-0 2 4	2 8	1 1 4	-0 5 8	2 7	1 6 1	-0 8 9	2 2	2 6 5	-1 6 3	1 2	3 7 9	1 9 9	1 0				
16	992	+01 5	2 9	-1 0 6	0 7 8	-0 4 3	2 3	1 2 3	-0 8 5	2 1	1 6 9	-1 1 6	1 7	2 7 0	-1 9 6	0 9	3 8 3	2 7 6	0 4				
17	005	+03 5	3 2	+0 0 5	0 8 9	-0 5 0	2 2	1 3 3	-0 8 5	1 7	1 8 0	-1 2 3	1 4	2 8 1	-1 6 5	0 9	3 9 6	2 1 0					
18	003	+04 7	4 8	+0 0 3	0 8 8	-0 1 7	3 3	1 3 3	-0 4 8	2 8	1 8 1	-0 6 7	2 7	2 8 4	-1 1 9	0 6	4 0 1	1 6 1	0 4				
19	004	+03 9	3 4	+0 0 4	0 8 8	-0 4 1	2 6	1 3 3	-0 0 8	1 1	1 8 1	-0 1 0	1 0	2 8 7	-0 4 8	1 1	4 0 7	1 3 2	1 2				
20	991	+07 4	6 4	-1 0 7	0 8 0	+0 8 5	7 8	1 2 7	+0 6 4	7 1	1 7 7	+0 3 6	6 2	2 8 4	-0 4 2	4 0	4 0 3	1 2 0	0 7				
21	008	+04 7	3 9	+0 0 7	0 9 2	-0 4 2	2 5	1 3 7	-0 1 9	0 9	1 8 5	-0 3 5	2 9	2 9 0	-0 6 1	4 1	4 1 0	1 1 4	1 0				
22	008	+05 6	5 3	+0 0 7	0 9 2	+0 5 0	2 0	1 3 9	+0 4 2	2 4	1 8 8	+0 1 5	1 2	2 9 4	-0 3 2	4 1	4 1 5	0 9 8	2 3				
23	997	+06 4	5 3	-1 0 2	0 8 4	-0 0 9	3 6	1 2 9	-0 4 3	3 0	1 7 6	-0 7 5	2 6	2 7 9	-1 3 6	1 0	3 9 4	2 2 5	0 5				
24	976	+08 1	7 0	-1 1 9	0 6 7	+0 8 2	6 6	1 1 4	+0 4 6	6 2	1 6 3	+0 1 9	5 5	2 7 0	-0 3 6	3 8	3 9 1	0 9 9	2 2				
25	985	+01 7	2 7	-1 1 2	0 7 3	-0 3 9	2 3	1 1 7	-0 7 6	2 2	1 6 5	-0 4 6	2 6	2 6 9	-0 8 2	3 8	3 8 7	1 4 2	0 4				
26	990	+05 4	4 3	-1 0 0	0 7 8	-0 0 9	3 4	1 2 3	+0 0 0	2 9	1 7 2	-0 1 0	1 9	2 7 8	-0 5 7	2 2	3 9 7	1 1 0	0 7				
27	999	+05 1	3 1	-0 0 8	0 8 5	-0 2 3	2 9	1 2 0	-0 4 1	1 1	1 7 7	-0 7 4	1 7	2 8 0	-1 4 6	1 1	3 9 6	1 6 9					
28	004	+07 7	6 4	+0 0 4	0 9 0	+0 5 8	6 1	1 3 7	+0 4 5	5 5	1 8 6	+0 2 5	5 1	2 9 3	-0 3 7	3 6	4 1 3	1 0 3	2 4				
29	006	+06 3	5 9	+0 0 5	0 9 2	+0 6 0	5 3	1 3 9	+0 7 0	3 8	1 8 9	+0 9 2	3 9	2 9 3	+0 3 8	3 1	4 2 1	0 6 8	2 6				
30	996	+07 4	5 5	-0 0 3	0 8 3	+0 4 1	3 9	1 3 0	+0 3 3	1 8	1 7 8	+0 0 3	2 3	2 8 4	-0 4 3	1 2	4 0 4	1 2 3	0 7				
31	005	+06 7	5 1	+0 0 5	0 9 0	+0 1 1	2 2	1 3 6	-0 2 0	2 3	1 8 4	-0 4 5	2 6	2 8 8	-0 7 5	2 5	4 0 7	1 2 5	1 9				

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	
01	535	203	10	697	315	04	894	453	160	483	348	502	611	515	756	510			
02	523	335		677	421		872	406	146	423	339	456	608	473	755	488			
03	527	235		647	330	04	883	463	147	463	337	472	604	501	750	486			
04	518	309	02	675	423		865	443	137	454	329	452	598	464	746	470	956	474	
05	519	268	06	675	398	02	868	455	137	452	329	460	594	500	741	490	930	477	
06																			
07	551	182	11	713	298	04	913	418	177	584	357	587							
08	562	161		727	265		928	422		490									
09	529	232	04																
10	528	263		684	392		877	480	141	502	329	504							
11	547	218	04	707	353		901	498	159	545	344	531							
12	546	211	04	708	319		905	474	165	527	352	488	615	543	757	550	942	520	
13	537	228	06	697	340	05	892	477	155	494	344	484	611	506	756	498	943	513	
14	517	237	09	677	332	04	873	482	139	451	330	458	598	485	745	495			
15	511	283	04	667	410	01	857	444	131	424	325	437							
16	513	349	01	655	435		857	431	131	435	323	455	592	475					
17	529	272		687	347	02	881	488	144	483	333	487	598	497					
18	536	247		695	346	02	890	491	153	504	341	504	603	537	745	554			
19	544	192	05	706	304	04	904	458	163	596	345	508	606	547	748	545	932	539	
20	540	204		701	320		899	469	159	548	345	508	607	545	749	545	933	541	
21	547	213	04	707	343	02	901	518	157	524	343	517	604	530	747	543	932	543	
22	553	190	09	715	308	06	913	439	174	631	351	610	605	566	747	560	929	554	
23	526	300		681	416	01	872	517	137	480	326	495	591	495					
24	528	197	10	690	326	03	886	477	147	557	332	528							
25	524	228	03	684	340	03	879	464	144	495	332	505	596	516	740	515			
26	535	197	09	696	323	02	893	473	151	558	337	506	600	523					
27	532	240	03	690	374	01	884	493	150	455									
28	551	184	12	715	284	05	913	468	172	578	354	558	613	543	756	535			
29	561	160	17	725	283	07	925	433	185	636	363	592	625	567	766	551	959	534	
30	540	232		700	359		897	403	168	481	358	481	621	512	765	543	950	515	
31	543	208	11	704	333	04	901	457	165	491	353	507	616	513	761	503	948	515	

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF APRIL 1952

TABLE 42 CONTD.

DAY	SURFACE			1000 MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS				
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	980	+035	46	-16	069	-011	37	115	-020	36	163	-026	36	268	-057	31	389	086	27				
02	989	+048	36	-09	077	-014	34	122	-010	27	170	-036	10	274	-107	09	391	181	05				
03	990	+040	33	-07	077	-036	25	122	-043	21	170	-078	15	272	-153	13	386	236	08				
04	987	+038	40	-10	075	-034	29	120	-056	26	167	-087	22	269	-152	15	385	203	11				
05	986	+040	37	-11	074	-015	29	120	-055	25	177	-087	21	270	-116	05	386	180	05				
06	996	+055	44	-03	082	-016	27	127	-045	18	175	-071	10	278	-100	20	397	136	16				
07	996	+067	56	-03	083	+024	45	129	-003	39	177	-024	34	283	-075	37	393	095	26				
08	980	+078	66	-16	070	+050	60	117	+015	49	166	+007	46	272	-023	17	397	228	05				
09	988	+056	54	-09	076	-005	39	122	-032	34	169	-064	26	272	-137	15	387	188	10				
10	998	+049	47	-01	084	-010	36	130	-042	30	186	-056	28	291	-061	10	410	136					
11	009	+061	50	+08	093	-005	40	139	-030	33	177	-073	25	290	-121	07	406	192	11				
12	010	+041	47	+09	094	-003	43	141	+007	36	190	-008	34	295	-042	13	415	108	21				
13	012	+040	46	+10	095	+024	32	131	-045	28	179	-070	26	282	-124	19	398	202	05				
14	001	+044	44	+01	085	-023	23	137	-062	17	184	-092	16	287	-100		404	152					
15	008	+050	34	+07	092	-032	38	139	+000	40	188	-016	37	293	-065	17	412	121	11				
16	009	+065	50	+08	094	+001	23	140	-081	20	187	-095		290	-105		407	165					
17	013	+038	34	+11	095	-039	25	140	-004	27	188	-020	23	293	-069	07	412	132					
18	011	+038	32	+09	094	+010	35	134	-026	34	182	-040	31	287	-085	22	405	135	06				
19	004	+053	50	+04	089	-012	25	131	-070	21	179	-064		282	-085		400	158					
20	002	+033	39	+02	086	-040	45	131	+016	46	180	-003	36	286	-050	14	405	126	10				
21	999	+057	52	-01	085	+015	41	121	-015	38	169	-046	30	273	-096	21	391	176	10				
22	987	+052	46	-10	075	+002	17	123	-091	15	170	-137	09	270	-203	03	382	297	02				
23	993	+036	24	+01	085	-049	19	129	-084	16	176	-122	14	277	-159		392	194	08				
24	000	+012	33	-08	077	+008	44	123	-021	39	171	-050	32	275	-104	14	392	166	14				
25	989	+064	54	-10	075	-026	24	120	-065	22	167	-107	16	268	-164	04	383	215	07				
26	987	+045	34	-03	082	-030	28	127	-066	24	174	-099	16	276	-165	08	390	229	07				
27	996	+047	35	-08	076	-045	28	121	-074	23	168	-095	20	270	-133	14	387	190	11				
28	989	+011	39	-07	077	-035	30	122	-056	27	169	-080	23	273	-093	23	390	169	12				
29	990	+016	41	-07	077	-035	28	122	-072	22	169	-092	14	271	-165	10	387	178					
30	991	+020	36	-07	077	-044																	

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	
01	527	198	10	689	315	03	886	463											
02	525	205	05	681	403	02	872	518	138	428	331	459	598	488	745	494	932	496	
03	517	333	03	670	453		860	509	125	460	317	450	587	466	735	464			
04	517	282	05	674	382	02	866	513	130	477	320	484	586	498	731	498	919	502	
05	519	283		677	346		872	470	136	503	324	494	589	503					
06	533	232	09	694	315	02	892	447	152	633	332	569	592	543					
07	538	218		698	318	05	895	473	155	541	341	533	602	533	745	533	931	524	
08	531	178	15	694	295	06	892	447	152	582	333	580							
09	518	320	02	674	361		870	473	138	464	329	491	593	505	739	501			
10	530	283	05	686	392	01	878	504	144	476	334	487	598	521	741	543			
11	546	285	08	707	324	05	903	475	161	582	345	532	605	555	747	571	928	564	
12	539	285	05	695	403	02	884	550	143	543	327	537							
13	553	183	09	715	295	05	914	451	173	632	353	564	611	561	752	560	935	553	
14	530	300		688	334		885	438		553	499	340	602	545	745	542	929	546	
15	539	245		698	365		892	492											
16	549	217	10	710	329	03	906	474	163	618	344	564							
17	541	274		699	364		893	476	153	548			600	584	740	569			
18	548	224		708	356	02	902	495	157	656	335	585	591	560	733	559	915	559	
19	541	235	05	700	357	01	893	509	146	649	325	576	582	560	724	566	907	560	
20	535	250		693	370		885	531	140	548	323	542	582	559	723	555	906	558	
21	542	221	07	702	331	03	898	473	156	632	336	594	591	572	732	572	913	584	
22	524	277	05	681	380	02	873	523	131	540									
23	510	386		661	448		849	524	114	471			305	495					
24	526	238	08																
25	526	264	04	684	368	02	877	522	135	545	320	536	580	547	722	554			
26	515	304	02	670	391	01	864	447	131	447	322	476	588	498	733	530			
27	523	276	06	680	390	02	870	530	129	543	314	526	575	535	719	535			
28	519	295	04	675	406	02	865	518	125	533	309	557							
29	524	286	04	679	411	01	870	498	135	488	322	534							
30	521	274	04	680	364		875	457	139	505	326	522	587	536	730	553	913	571	

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF MAY 1952

TABLE 4.2 CONTD.

DAY	SURFACE			1000 MBS	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WW		HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW
01	009	+02.9	31	+0.8	092	-0.56	24	1.37	-0.30	29	185	-0.27	34	290	-0.70	30	409	1.30	19
02	007	+05.3	52	+0.6	092	+0.28	50	1.38	+0.27	51	187	-0.17	38	293	-0.54	24	412	1.02	20
03																			
04	999	+02.1	24	-0.0	084	-0.58	19	1.28	-0.95	17	175	-1.33	15	275	-1.61		390	2.17	
05	994	+06.0	51	-0.4	081	+0.22	46	1.27	-0.06	41	176	-0.17	35	281	-0.54	31	401	1.15	21
06	998	+04.5	33	-0.1	083	-0.33	25	1.29	-0.54	15	176	-0.64	17	280	-1.01		397	1.52	
07	984	+00.6	32	-1.2	072	-0.33	22	1.17	-0.62	17	164	-0.84	15	265	-1.49	10	381	1.99	07
08	998	+03.0	38	-0.1	084	-0.08	32	1.30	-0.34	21	178	-0.50	20	282	-0.85		399	1.52	
09	988	+06.7	51	-0.8	078	-0.09	33	1.21	-0.28	30	169	-0.55	28	273	-0.90	25	390	1.70	13
10	990	+02.9	28	+0.5	089	-0.03	37	1.23	-0.32	34	171	-0.69	26	275	-0.91	13	392	1.70	13
11	005	+03.5	28	+0.8	092	-0.48	23	1.33	-0.90	19	180	-1.23	17	281	-1.55	10	396	2.00	09
12	009	+04.1	41	+0.9	094	-0.38	29	1.39	-0.75	23	184	-1.00	20	285	-1.92	09	398	2.70	04
13	011	+02.5	36	+2.0	104	-0.51	26	1.49	-0.59	26	186	-0.67	26	289	-0.81	09	407	1.55	10
14	025	+01.2	37	+2.0	104	-0.20	32	1.49	-0.20	32	197	-0.30	22	301	-0.74	09	420	1.60	07
15	025	+02.0	35	+1.0	094	-0.37	26	1.39	-0.40	22	182	-0.35	22	303	-0.86	09	421	0.45	
16	012	+01.4	29	+0.5	089	+0.01		1.34	-0.09		1.87	-0.14		293	-0.64		412	1.34	06
17	005	+02.9	44	-0.7	077	-0.11	37	1.23	+0.03	13	172	-0.26	13	287	-0.82	23	405	1.42	17
18	990	+02.5	36	-0.9	075	-0.40	28	1.20	-0.29	16	168	-0.62	24	276	-1.04	24	394	1.47	10
19	988	-0.06	32	-1.0	074	-0.62	24	1.18	-0.70	25	165	-0.88	24	271	-1.25	18	389	1.61	11
20	987	+01.8	26	-0.3	080	-0.84	16	1.24	-1.15	15	170	-1.15	10	272	-1.30	19	383	2.13	10
21	985	+00.4	29	+0.7	090	-0.69	21	1.35	-0.99	17	181	-1.32	13	282	-1.50	04	387	2.19	03
22	008	+01.7	31	+1.7	094	-0.50	24	1.39	-0.77	20	185	-1.18	16	286	-1.85	08	395	2.67	
23	012	+01.6	27	+1.7	095	-0.61	15	1.43	-1.20	14	190	-1.37	13	290	-1.95		400	2.62	04
24	020	+02.6	46	+0.3	088	-0.15	38	1.33	-0.33	35	181	-0.62	27	284	-1.20	16	403	2.40	
25	003	+03.0	40	-0.5	079	-0.15	35	1.25	-0.64	25	172	-0.80	23	274	-1.57	13	389	2.40	09
26	993	+01.7	37	-0.5	079	-0.15	31	1.25	-0.41	30	172	-0.68	26	275	-1.37	16	390	2.25	08
27	993	+03.4	43	-0.5	079	-0.35	31	1.25	-0.53	29	172	-0.85	24	274	-1.48	14	389	2.21	07
28	990	+01.3	32	-0.7	076	-0.58	24	1.25	-0.87	21	167	-1.08	14	269	-1.67	09	383	2.43	06
29	994	-0.24	23	-0.4	079	-0.92	19	1.23	-1.26	15	169	-1.66	11	267	-2.25	06	379	2.92	03
30	994	+00.7	27	-0.2	081	-0.68	21	1.26	-1.02	18	173	-0.92	19	275	-1.49	13	391	2.08	04
31																			

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	546	218	11	707	339	03	901	491										
02	550	205	10	711	303	05	910	450	167	652	346	579	601	576	742	573	924	556
03																		
04																		
05	538	200	11	699	322	04	896	481	151	652	328	563	586	548				
06	533	222	09	694	323	04	890	475	149	624	329	577	585	567	727	567	909	560
07	514	266	05	694	354		868	448	139	457	329	483	594	522				
08	535	237		681	361		886	515	141	583	322	574						
09	524	271	06	684	357	02	870	566	127	527	314	509	577	514				
10	526	258	05	685	401	01	878	487	144	467	333	517						
11	529	296	04	679	455		875	543										
12	527	348	02	679	455		868	494										
13	542	255	04	701	382	02	892	541										
14	555	252		713	376		905	524	157	604								
15	556	247		715	366		907	529	160	648	337	590	593	581	732	578	913	575
16	548	220		708	346	03	901	503	154	637	332	593	586	585	726	590	907	572
17	542	223	10	701	354	03	895	509	150	601	330	590	584	588	724	590	904	593
18	529	246	07	689	345	03	885	478	141	610	323	562	580	560				
19	523	272	04	679	384	01	871	524	129	527	315	533	576	534	719	553	902	567
20	515	305	05	670	423	01	859	544	120	507	308	503	571	530	714	530		
21	519	299	02	674	421		863	532	123	508	310	517	574	506	719	517		
22	524	345		676	457		864	545	126	504	313	510	576	512	720	528	905	536
23	529	368	02	680	465													
24	534	308		689	417		880	521	141	513								
25	533	284	04	689	411	01	877	520	130	559	315	542	575	553				
26	519	334	03	672	437		861	524	122	521	308	522	569	545				
27	521	328	03	674	458		860	552	122	516	308	513						
28	520	327	03	673	447		858	576	118	498								
29	513	359	02	665	457		852	531	117	475	307	473	571	527	715	533	900	547
30	508	353	01	661	425		851	509	116	467	306	492	571	512				
31	523	294	03	679	405	02	868	553	119	605	300	542	560	538				

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF JUNE 1952

TABLE 42 CONTD.

DAY	SURFACE			1000 MBS.			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW
01	998	+045	38	-01	083	-034	26	129	-064	24	176	-093	19	280	-084				397	174		
02	992	+054	52	-06	079	+006	42	125	-021	37	173	-051	30	277	-078		07		396	161	07	
03	977	+054	48	-18	067	+024	48	113	+002	43	162	-024	38	266	-106		18		383	150	14	
04	969	+067	51	-25	061	+010	40	107	-024	34	154	-057	27	256	-115		17		374	204	06	
05	963	+047	48	-30	055	+024	45	101	-002	41	150	-033	34	254	-095		23		372	147	12	
06	974	+024	39	-21	064	-027	30	109	-029	25	157	-056	14	260	-126		13		376	212	09	
07	981	+010	31	-15	069	-043	25	114	-046	15	162	-062		265	-127				380	211		
08	985	+019	40	-12	073	-039	29	118	-037	16	166	-059	10	269	-108				385	203		
09	988	+031	36	-09	075	-031	29	121	-053	26	168	-060	14	271	-125			08	387	211	08	
10	003	+019	29	+03	087	-028	22	132	-056	20	179	-080	17	282	-148			12	397	202	07	
11	020	+009	33	+16	100	-031	28	145	-025				09	298	-066			08	416	158	05	
12	016	+046	45	+13	098	-015	34	144	-035	31	192	-059	27	295	-116			19	412	182	12	
13	002	+056	51	+02	088	+023	49	134	+000	42	182	-025	35	288	-064			09	406	149		
14	000	+021	36	+01	085	-048	25	129	-081	19	176	-112	14	277	-190			06	390	272	03	
15	997	+024	35	-02	082	-049	25	127	-086	19	174	-101	13	276	-126				392	211		
16	014	-017	19	+12	093	-105	15	137	-135	13	183	-162	11	283	-160			06	399	156		
17	017	+020	34	+14	098	-058	24	143	-023	29	191	-025	10	296	-081			07	413	162		
18	009	+031	42	+08	093	+001	37	139	-005	187		-017	10	292	-091				409	186		
19	010	+036	49	+09	094	-019	33	139	-004	15	188	-026	09	293	-066			08	411	167	04	
20	004	+051	50	+04	089	+006	39	135	-020	33	183	-029	32	288	-085			07	406	156		
21	000	-018	24	+01	083	-103	16	127	-065		174	-068	14	276	-131			07	394	180	06	
22	000	-013	22	+01	083	-090	19	128	-045	23	176	-049	13	279	-112			09	396	200	07	
23	977	+045	54	-18	067	+016	48	113	-006	43	161	-034	37	266	-093			24	383	185	11	
24	951	+059	48	-41	046	+030	42	092	-009	35	140	-049	29	244	-107			12	360	198		
25	970	+023	33	-24	061	-035	23	105	-070	21	152	-111	18	254	-185			10	367	256	06	
26	985	+047	47	-12	073	-013	33	119	-059	25	166	-090	21	268	-155			13	383	225	08	
27	008	+002	16	+07	090	-086	16	134	-062	14	181	-074		284	-134				400	197		
28	987	+047	47	-10	076	+013	43	121	-006	40	170	-027	38	275	-089			25	392	156	16	
29	978	+053	54	-18	068	+031	50	114	+001	43	163	-023	38	266	-080			25	385	161	12	
30	998	+039	47	-01	084	+005	42	130	-019	38	178	-022	30	283	-079			18	401	156	12	

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	531	267		688	394		877	558	129	597	311	548	571	530				
02	530	252	06	685	385	02	880	525	132	617	315	532	578	506				
03	519	217	10	679	344	04	873	512	126	643	309	536	571	519				
04	506	315	02	660	408		851	508	113	541	297	530	559	517	704	496		
05	507	259	03	665	390	01	856	525	111	573	293	560						
06	507	306	04	662	409	01	853	532	109	565	292	550	553	515	697	520		
07	512	315		667	432		855	563	112	536	298	503	565	490	711	495	898	518
08	518	285		674	396	02	865	524	122	544	309	500	576	469	717	482	906	488
09	519	307	05	673	410	02	864	524	123	518	311	488	576	495	723	491	911	514
10	530	296	04	685	420	01	873	565	130	540	316	521	579	511	724	500	910	525
11	551	264	03	708	382		898	554	147	680	324	564	581	549	725	536	909	549
12	545	278	05	701	405													
13	541	239	07	700	377	02												
14	520	331		673	418		864	512	125	538	308	545	570	546	712	540		
15	524	292		681	375													
16	535	241	03	694	354													
17	547	217	03	704	383	02	896	526	150	622	331	564	587	566	729	555		
18	542	269	03	698	407	02	887	555	141	579	324	531	586	532	729	543		
19	545	270	06	704	353	03	899	499	153	663	331	568	591	552	733	550	916	573
20	540	264	04	698	367		892	501	146	643	328	542	588	546	730	553	913	577
21	528	288	03	683	414		872	566	127	546	314	499	579	486	725	524	909	550
22	529	270	03	686	401		874	574	125	569	309	511						
23	517	269	06	674	403	02	863	568	117	565	302	503						
24	493	304	02	647	405		840	467	109	470	299	480	565	502	710	521	896	511
25	496	361	02	648	438		839	501	103	489	292	487	558	488				
26	514	327	03	668	423		856	572	111	556	295	526						
27	534	271	02	690	413		877	576	129	559	314	519	575	545	718	535	901	555
28	527	260	07	684	391	02	874	564	126	562	309	530	570	537	712	561		
29	520	263	05	677	401	01	867	552	121	570	303	552						
30	536	250	04	693	390	01	883	553	136	602	316	577	571	578				

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF JULY 1952

TABLE 42 CONTD.

DAY	SURFACE			3000. MBS		900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	
01	003	+017	37	+03	087	-052	25	132	-080	22	179	-101	20	280	-163	13	395	223	03	
02	005	+019	33	+05	089	-007	35	134	-025	33	182	-058	11	285	-129	16	401	197	09	
03	999	+053	53	-00	085	+005	42	131	-012	36	179	-033	29	263	-100	17	400	192	07	
04	993	+060	53	-05	080	+012	43	126	-012	37	174	-044	30	278	-099	21	396	167	08	
05	996	+051	52	-03	083	+014	44	129	-017	36	177	-038	33	281	-101	15	398	185	06	
06	002	+035	47	+02	087	-011	37	133	-035	33	180	-073	26	283	-110	20	400	194	06	
07	008	+040	44	+07	092	+006	33	137	-024	18	185	-035	30	290	-096	23	407	180	12	
08	011	+043	49	+09	094	+022	31	140	+009	34	189	-030	22	293	-093	18	410	181	08	
09	014	+035	40	+12	097	+027	143	143	-007	191	191	-039	294	294	-113	06	411	192	05	
10	007	+034	36	+06	091	-036	24	135	-069	20	182	-113	16	283	-162		398	216		
11	022	+048	40	+18	103	-040	26	148	-022	09	196	-026		301	-088		416	176		
12	008	+061	52	+07	093	+041	52	139	+007	43	188	-015	40	293	-080	27	411	155	16	
13	020	+048	44	+17	101	-012	22	147	-013	48	192	-046	20	299	-068	12	418	163	10	
14	025	+050	43	+21	106	+014	28	152	+013	25	200	-036	23	305	-064	09	423	153	09	
15	013	+050	51	+11	097	+040	56	152	+013	48	192	-017	39	297	-073		415	146	12	
16	014	+039	36	+12	096	-049	24	141	-068	22	191	-041	10	292	-093		409	173		
17	014	+039	49	+12	097	+017	42	143	-012	20	295	-039	20	295	-114	14	412	191	11	
18	978	+060	52	-18	068	+018	42	114	-019	34	162	-041	30	266	-094	14	383	173	05	
19	001	+046	44	+01	086	-004	37	132	-017	32	180	-039	26	284	-097	10	401	178		
20	998	+055	48	-01	084	+001	39	130	-031	34	178	-059	29	281	-117	17	398	190	10	
21	005	+059	51	+05	090	+000	39	136	-026	31	184	-047	08	287	-116	05	403	204	06	
22	008	+067	54	+07	093	+020	46	139	-009	39	187	-038	32	291	-114	20	407	189	12	
23	000	+071	54	+01	086	+019	43	132	-016	36	180	-045	29	284	-101	21	401	190	11	
24	017	+015	24	+14	097	-079	18	141	-112	17	188	-129	13	289	-150		403	246		
25	015	+024	39	+18	097	-048	27	141	-051	27	189	-059	16	293	-094	14	410	182	08	
26	009	+038	43	+08	093	-017	35	139	+008	24	187	-022	19	292	-091		409	171	05	
27	009	+038	42	+08	093	-031	33	138	-023	32	186	-036	21	291	-069		409	149	05	
28	022	+027	36	+18	102	-052	26	147	-027	21	195	-024		300	-080		418	153		
29	014	+058	50	+12	097	-006	37	143	+010		192	-015	14	297	-075	10	415	171	07	
30	996	+066	60	-03	083	+030	53	139	+001		178	-025	40	283	-084	28	401	161	15	
31	006	+012	35	+05	089	-063	22	133	-039	45	181	-038		285	-108	07	401	198	03	

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	527	308		681	426		870	522	129	528	314	535	575	535	717	563	899	595
02	534	307	03	688	439		875	566	126	577	309	551	567	566	708	569		
03	533	277	03	689	402		878	576	127	624	309	555	567	560	708	572		
04	530	278	04	686	413		874	577	126	557	312	523	573	533	716	541		
05	531	268	02	686	428		873	582	129	556	311	517	573	517	717	546		
06	533	302		687	437		874	563	129	556	315	536	575	513				
07	540	272	06	697	388	02	888	544	139	587	322	528	583	531				
08	544	293	02	701	403		890	563	137	556	316	566	576	531	719	529	905	532
09	544	293	02	699	417		887	583	135	600	316	566	576	542	720	505		
10	530	328	01	683	435		871	551	130	539	316	514	577	526				
11	552	284	02	708	375	02	900	529	150	693	325	610	581	545	724	556	907	548
12	547	256	07	705	373		896	529	150	616								
13	552	260	06	711	375	02	902	532	157	532	338	562	595	568	737	551		
14	559	252	03	717	372		909	524	161	645	339	607	592	583	732	590	912	592
15	551	237	03	710	373	02	902	514	153	634	332	592	586	591	725	599	905	606
16	543	276	07	699	383		891	519	150	626	323	595	576	604	715	611		
17	546	255	07	704	378	03	895	529	145	699	320	614	573	600	712	588	893	593
18	517	292	03	674	340		869	488	131	533	315	563						
19	534	295		690	415													
20	531	296	04	686	416		874	562	124	682	299	611	551	593	691	577		
21	536	296	04	691	412		879	573	127	692	300	661	547	643	684	628		
22	540	288	04	697	398	01	887	542	137	708	309	653	557	635	693	661	866	674
23	534	295	05	690	409	02	879	565	125	668	300	629						
24	534	327	01	687	440		874	588	123	607	303	594	553	642	690	643	865	660
25	544	278		700	403													
26	543	270	05	700	409													
27																		
28	553	254		711	357		904	524	153	723	321	738	560	705	692	721		
29	549	237	04	709	353		901	523	151	653	327	617	578	619	715	648		
30	535	258	07	693	388	02	883	536	140	563	322	563						
31	534	285		690	410		880	533	137	542	322	542	580	561	720	580		

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF AUGUST 1952

TABLE 42 CONTD.

DAY	SURFACE			900 MILLIBARS				850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW
01	005	+050	49	+05	090	-007	39	135	-039	30	183	-051	28	287	-108	17	404	194	10
02	001	+065	49	+01	087	-007	32	132	-035	30	180	-049	23	284	-116	12	400	204	05
03	002	+029	38	+02	086	-047	25	131	-068	23	178	-094		280	-172		394	235	
04																			
05	018	+007		+15	098	-087	14	142	-127	11	188	-138	04	288	-208		403	200	
06	012	+048	46	+10	095	-021	35	140	-049	28	188	-033	12	293	-093		410	181	09
07	015	+051	48	+13	098	-022	36	143	-044	28	191	-045	17	295	-110	09	412	167	
08	011	+060	45	+09	095	-016	33	140	+005	13	190	-010	05	294	-080	07	412	165	
09	001	+065	55	+01	087	-002	41	133	-012	38	181	-024	35	287	-058	17	405	146	08
10	997	+063	47	-02	084	-001	37	129	-039	28	177	-035		281	-118		397	184	
12	009	+038	43	+08	093	-027	25	133	-065	15	180	-089	10	282	-165	07	396	239	02
13	007	+040	40	+06	091	-031	28	136	-043	29	183	-077	23	286	-114	18	403	187	10
14	000	+052	46	+01	086	-012	33	131	-045	28	179	-066	25	282	-127	16	398	207	07
15	008	+047	46	+07	092	-016	33	137	-020	23	185	-055	16	290	-085	08	408	150	
16	999	+060	50	+00	085	-003	38	131	-038	32	179	+015	11	285	-042	09	404	151	06
17	008	+018	21	+07	091	-069	17	135	-094		181	-128		283	-143		398	216	
18	002	+056	56	+02	088	+050		135	+016	23	183	-016	32	288	-091	18	406	157	15
19	992	+053	53	-06	079	+005	41	125	-005	24	173	-034	19	277	-107	09	394	175	06
20	002	+039	48	+02	087	-013	37	133	-022	35	181	-047	19	284	-109	06	401	196	03
21	009	+046	44	+08	093	-011	36	138	-007	23	186	-024	12	291	-096		408	188	
22	007	+056	51	+06	092	-002	40	137	-025	35	185	-058	23	289	-090	17	407	163	09
23	005	+058	55	+05	091	+029	45	137	+014		195	-030	28	290	-087	08	407	172	09
24	998	+064	54	+00	085	+009	44	131	-012	37	179	-043	23	286	-102	09	401	174	08
25	009	+013		+08	091	-070	22	135	-053	10	183	-076		286	-114	15	403	195	06
26	012	+015		+10	093	-066	23	138	-049		185	-059		290	-114	06	405	192	10
27	002	+010	27	+02	085	-054	22	131	-017		179	-055		282	-126	05	399	173	
28	996	+056		-03	083	+016		129	-006		177	-036		282	-100	25	399	177	14
29	004	+044	52	+04	089	+016	48	135	-002	44	184	-030	38	288	-091	20	406	162	11
30	993	+040	42	-05	080	-027	28	125	-047	22	172	-071		275	-151	07	390	215	
31	997	+059	57	-02	084	+011	45	129	-013	39	178	-033	36	282	-073	28			

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	
01	537	289	05	691	417		879	561	135	556	319	526	578	573					
02	532	305	02	687	415		877	543	132	573	315	553	573	558					
03	526	311		680	426		869	539	125	582	306	583			715	585			
04																			
05	535	312		689	420														
06	544	274	06	700	391	02	891	548	139	734	306	731	544	710					
07	546	266		703	400		895	550	140	743	308	721	546	740					
08	546	272		703	386		895	520	146	700	316	689	558	697	690	739	856	753	
09	541	246	07	699	373	03	887	532	138	678	312	689	558	697	696	661	881	681	
10	530	292		685	412	01	874	528	133	537	316	573	570	612	707	647			
11	526	330		681	417		870	517	130	550	314	550	570	597	708	624			
12	533	335	01	686	445		876	507	137	505	323	534	581	578	720	605			
13	536	292	05	691	407	02	881	557	132	604	313	582	566	604	704	635			
14	530	321	03	683	429		873	515	133	539	318	541							
15	542	268		699	397		889	552	142	570	324	570	578	604	716	630			
16	539	224	09	700	339	04	895	475	153	601	332	615	580	647	715	647			
17	530	304		685	428		874	539	129	588	310	580	565	578	705	580			
18	541	257	07	698	392	02	889	520	142	660	319	603	572	589	713	579	895	557	
19	528	268	04	685	386	02	875	561	131	553	315	541	574	545	717	536			
20	533	290		690	399		890	548	136	534	321	534	583	520					
21	541	288	02	697	389		890	527	143	591	326	533	587	517	732	531	917	529	
22	541	261	03	699	390		890	558	141	552	327	533	588	528					
23	542	245		701	366		893	539	148	538	335	503	599	493					
24	535	261	06	691	391	02	882	549	139	510	327	483	594	482	740	491			
25	535	300	02	690	433		880	497	144	486	333	482	599	497	745	497	932	522	
26	538	291	05	694	405	02	884	538	143	527	330	521	592	536	736	526	920	542	
27	533	274		690	393		880	545	135	566	318	559	575	584	716	562			
28	533	263	07	689	390	02	879	553	133	602	313	602	565	599	705	590			
29	541	257	07	699	371	02	890	533	140	689	315	638	564	631	701	627	879	515	
30	542	222																	
31																			

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF SEPTEMBER 1952

TABLE 42 CONTD.

DAY	SURFACE			1000 MB			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW
01	995	+033	47	-03	081	-003	41	127	-017	39	175	-043	33	279	-101	21	397	155	14			
02	008	+018	25	+07	091	-036	07	136	-074	06	183	-115		284	-158		399	197				
03	986	+054	57	-11	075	+048	60	122	+036	59	171	+000	45									
04	992	+057	48	-06	079	+005	38	125	-027	33	173	-059	27	277	-121	12	393	214				
05	003	+048	53	+03	089	+036	44	136	+002	34	184	-030	30	289	-083	13	407	165	08			
06	003	+046	49	+03	089	+009	36	135	+016	25	183	-026	18	287	-103	09	404	196	04			
07	992	+052	49	-06	079	+008	37	125	-029	31	173	-053	28	277	-110	20	393	184	12			
08	993	+053	53	-05	080	+015	46	126	-003	44	175	-026	39	279	-098	23	396	179	12			
09	003	+030		+03	087	-049	21	131	-089	17	178	-117		279	-173		393	245				
10	003	+055	50	+03	088	+000	39	134	-017	36	182	-024	31	287	-090	14	403	173	07			
11	003	+052	44	+03	088	-004	34	134	-019	29	182	-043	22	286	-091	17	403	157				
12	997	+055	52	-02	084	+017	45	130	-011	37	178	-016	37	284	-056	08	402	145	05			
13	991	+026	38	-07	078	-036	25	123	-068	19	170	-100	15	271	-178	09	384	258	05			
14	998	+058	39	-01	084	-024	30	129	-050	25	176	-071	20	279	-146	11	394	217	08			
15	995	+051	41	-03	081	-020	26	127	-043	17	174	-069		277	-148		391	236				
16																						
17	964	+065	54	-29	057	+026	45	103	-003	39	151	-031	33	256	-080	10	373	165				
18	992	+034	33	-06	078	-042	25	123	-058	12	171	-091	07	273	-136		388	206	03			
19	996	+053	48	-03	083	+002	15	128	+003		177	-014		281	-094		399	151				
20	972	+059	56	-23	063	+031	51	109	-001	44	157	-037	35	262	-082	26	380	155	15			
21	980	+040	45	-16	069	-005	31	115	-041	17	162	-068	09	265	-144		380	238				
22	980	+032	40	-16	069	-030	27	114	-068	20	161	-096	12	262	-168	08	376	249	04			
23	991	+016	33	-07	077	-059	23	121	-084	21	169	-088	21	271	-143	12	386	222				
24	008	+046	50	+07	086	+029	50	139	-004	40	187	-023	38	293	-075	24	411	143				
25	000	+058	51	+01	086	+011	43	132	+007	45	181	-020	37	286	-072	28	404	150	15			
26	990	+058	57	-08	078	+022	46	124	+004	41	173	-018	30	277	-088	21	396	138				
27	986	+044	49	-11	074	+032	40	120	-030	34	168	-064	25	271	-115	05	388	186	09			
28	987	+058	46	-10	075	+002	37	121	-025	33	169	-058	28	272	-125	17	389	184	12			
29	990	+044	43	-07	078	-010	29	123	-025	19	171	-059	15	274	-118	05	391	186	04			
30	993	+037	39	-05	079	-025	25	125	-064	18	172	-102	14	274	-157		388	231	04			

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	532	234	08	691	358	02	884	528	133	685	308	643	556	635				
02	532	281		690	389		879	554	129	651	304	630	555	597	695	575	878	551
03																		
04	525	305		679	413		869	521	129	570	314	538	576	518	720	534		
05	541	276	03	697	401	01	886	567	139	567	324	523	589	495	735	481	924	483
06	536	300	02	691	421		878	593										
07	526	289	05	682	422		871	540	131	514	318	505						
08	529	275	06	686	401	02	875	569	124	591	305	557	565	527				
09	525	287		681	402		871	549	128	549	311	568	570	551	711	563	896	510
10	537	277	02	693	409		882	569	136	567	319	535	578	537	722	503	909	510
11	538	272		695	403	02	884	559	138	579	321	544	581	544	723	549		
12	537	258	05	696	362	02	888	515	140	693	317	589	572	581	712	583		
13	515	326		669	418		861	472	127	497	315	499						
14	527	293	02	683	388		873	541	133	514	321	487	587	484	733	506	921	403
15	523	308		678	414		868	515	132	500	321	500	584	507	729	523	917	485
16																		
17	509	241		669	331		866	447	135	489	324	475	592	461	741	461		
18	520	317	03	674	447		863	498	132	440	324	432	595	457	744	444	937	443
19	534	277		692	373		884	537	134	597	318	478	588	440	737	448	929	443
20	515	247	06	673	379	02	864	549	125	516	312	519						
21	510	346	01	661	481		847	523	111	496	299	503	564	505	710	481		
22	507	327	02	660	435		847	557	106	527	294	473	564	447				
23	517	328	01	671	442		858	576										
24	547	249	04	705	375		896	542	149	574	333	520	597	498	743	490	933	476
25	539	244	08	698	365	03	891	526	149	508	336	504						
26	532	245		690	376	01	882	528	142	487	331	480	599	463	747	480		
27	521	280	04	678	383	02	871	464	136	448	330	450						
28	522	282	06	679	380	02	871	521	130	512	318	488						
29	523	290	03	679	414		868	554	123	550	307	532	569	503	714	510	901	501
30	519	323	03	673	418		862	546	119	558	302	546	561	515	706	486	897	482

**RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF OCTOBER 1952**

TABLE 42 CONTD.

DAY	SURFACE			1000 MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT
01	996	+05 6		-03	082	-020	25	127	-061	22	174	-101	19	278	-115		394	187	U4		
02	989	+05 0	55	-08	077	+008	45	123	-017	34	171	-037	21	275	-092	22	394	128	21		
03	989	+04 4	36	-08	075	-058	25	120	-088	20	167	-111	17	269	-139	15	384	212	U6		
04	990	+03 0		-07	077	-051	17	121	-085	05	168	-099	15	270	-170	10	383	262	U4		
05	989	+04 0	33	-08	076	-035	24	121	-075	20	168	-112	17	269	-173	05	383	262	02		
06	989	+015 32		-08	075	-051	19	120	-080	15	167	-117	10	268	-201	05	380	276			
07	984	+062 52		-13	073	+020	44	119	+000	41	168	-025	35	272	-089	22	390	153	13		
08	993	+011 25		-05	079	-066	17	123	-102	13	169	-138	11	269	-209	03	382	283			
09	005	+03 0		+05	089	-056	23	133	-082	21	180	-116	16	281	-183	10	395	223	U4		
10	003	+02 0		+03	087	-061	18	131	-074	07	176	-074		282	-081		400	165			
11	018	+004		+15	098	-089	18	142	-111	17	189	-070		294	-044		413	125			
12	029	-006 25		+23	107	+017		153	+025		201	+001		307	-062	10	426	123	U6		
13	000	+048 49		+01	086	+014	44	132	+014	45	181	-007	36	287	-061	09	405	138	U6		
14	000	+041 43		-00	084	+020	39	132	+033	27	181	+021		287	-029	10	408	102			
15	999	+021		-05	082	+010	15	130	+004	14	178	-004	14	284	-055	10	404	124	U7		
16	995	+05 4	47	-05	082	+010	42	128	+015	21	177	+016	30	283	-032	37	404	076	32		
17	970	+038 44		-24	061	-006	37	106	-033	33	155	-025	37	259	-087	25	377	160	13		
18	998	+046		-01	083	-031	23	128	-065	17	176	-107	10	277	-187	03	390	254			
19	002	+068 53		+02	088	+014	44	134	-007	41	183	-008	35	288	-062	26	407	150	16		
20	015	+048 38		+13	097	-030		142	-057	05	189	-090		291	-161		406	195			
21	008	+065 49		+07	093	+028	47	139	+020	48	188	-018	32	293	-062	21	413	122	19		
22	989	+04 4		+08	076	-028	24	121	-068	19	169	-058	12	272	-124	08	388	186			
23	001	+028 27		+01	085	-056	21	130	-095	18	177	-107	16	279	-153	13	394	206	10		
24	006	+044 48		+05	091	-003	40	136	-019	38	184	-048	31	286	-112	19	404	188	10		
25	011	+034 4		+09	093	-058	19	138	-095	16	184	-126	15	286	-162	04	400	240	U3		
26	018	+036 31		+15	099	-056	24	143	-085		191	-070		294	-117		411	174	U5		
27	018	+048 36		+15	100	+000	36	146	-026	31	193	-056		294	-072	16	417	155			
28	016	+047		+13	099	+010	34	145	+019	27	194	+019		310	-050	23	419	144	13		
29	005	+042 46		+05	090	-003	40	135	-024	34	183	-059	26	287	-091	20	405	141			
30	007	+021 26		+06	090	-067	22	135	-026	08	183	-022	09	288	-045	40	408	118			
31	011	+003 22		+09	092	-063	18	137	-042	08	185	-033	12	290	-080	11	408	157	U6		

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	528	279	06	685	379	02	878	509	132	638	309	620						
02	530	215	11	691	330	04	886	492	140	661	315	632						
03	516	308	03	671	421		863	467	129	503	317	499	568	573	710	530	897	501
04	513	329		667	440		855	523	122	464	313	463	579	526	723	534	907	566
05	512	352	01	663	477		850	514	119	450	310	474	579	438	729	450	922	432
06	510	328		666	378		857	530	117	506	303	521						
07	526	242	07	684	357		878	513	132	578	316	507	583	462				
08	513	321		657	423	03	858	491	124	494	313	486	581	453	730	453	922	439
09	528	285	05	683	416		872	565	126	554	311	523	573	530	718	489	906	484
10	534	273		691	391		882	519	140	553	323	544	583	522	729	483	921	426
11	551	210		711	355		904	505	161	558	347	518	610	487	757	480	948	437
12	564	193		725	331		921	475	177	675	353	634	604	569				
13	541	242	03	700	348		899	414	168	486	356	522	618	513	763	505		
14	546	185		709	264	06	901	422	175	505	362	523	626	488	772	498	961	483
15	540	232	03	699	350	01	895	472	161	418	355	441	626	442	776	432		
16	544	163	17	708	270	07	908	446	170	521	359	464	628	438	779	425	974	406
17	512	242	03	672	343	02	867	408	148	364	346	405	619	423				
18	521	325		675	391		871	416	149	378	348	374	627	386				
19	542	253	07	700	355	03	893	508	153	502	342	460	612	450				
20	549	288		695	385		890	464	155	464	346	465	516	433	767	435		
21	549	229	08	709	353	03	902	509	159	559	344	511	608	490	756	450	949	436
22	522	255		681	372		873	502	141	460	334	455	605	444	755	433	949	433
23	526	293	05	682	407	02	870	539	133	480	322	480	592	441	741	431	934	448
24	538	267	06	696	364	02	889	503	148	523	335	498	601	474	749	451		
25	531	330	03	685	414		877	471	144	474	335	471	604	443	755	417	949	415
26	545	273	02	701	409													
27	552	236	04	711	366	01	903	538	160	525	346	525	610	482	758	450	949	465
28	555	221	04	715	331		911	486	169	547	354	506	619	482	767	460	959	439
29	541	224		701	341		897	479	159	517	346	498	612	483	760	468	951	454
30	545	212		705	344		900	489	158	570	342	516	607	473	755	470	946	455
31	543	231	04	703	356	01	897	488	158	522	344	511	609	488	756	466	948	438

TABLE 42 CONTD.

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND FOR THE MONTH OF NOVEMBER 1952

DAY	SURFACE			1000 MBS	900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS		
	PPP	TTT	WW		HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT
01	006	+03.3	31	+05	090	-044	25	135	-077	21	182	-040	16	287	-080	12	405	162	08
02	996	+020		-03	081	-047	25	126	-068	23	173	-074	21	277	-096		395	125	
03	002	+000		+02	085	-080	17	129	-104	14	177	-042	08	281	-072		400	145	
04	008	+027	38	+09	091	+010		137	+008	19	186	-012	14	291	-063	13	410	146	06
05	003	+035	32	+03	087	-042	25	132	-030	24	181	-014	13	286	-061		404	162	
06	005	+014	26	+05	088	-066	21	133	-101	19	180	-066	09	284	-087	12	402	151	
07	008	+032		+07	091	-053	17	133	-053	16	182	-088	18	286	-094	06	403	160	
08	003	+041		+03	088	-032	26	133	-051	23	173	-153	11	273	-105		387	232	
09	998	+004		-01	082	-075	14	126	-117	12	173	-145	12	282	-074		398	206	
10	998	+010		-01	082	-069	15	127	-112	15	173	-145	12	273	-105		401	148	
11	002	+011		+02	085	-071	19	130	-052		178	-041		282	-074		387	225	
12	997	+054	53	-02	084	+005	43	129	-013	39	178	-042	31	282	-104	20	399	147	14
13	993	+046		-05	079	-032	24	124	-070	19	171	-101	13	273	-163	04	387	238	
14	984	+061		-13	073	+007	40	119	-019	35	167	-048	31	271	-118	18	386	147	16
15	992	+066	58	-06	080	+020	46	126	+003	44	175	-022	38	279	-085	26	397	168	13
16	982	+066	61	-14	072	+051	61	119	+037	57	168	+026	56	257	-014	47	397	077	31
17	995	+054		-03	081	-015	24	127	-040	11	174	-070	06	278	-121	05	395	163	04
18	006	+039	30	+05	090	-026	20	135	-064	10	182	-087	10	284	-146		399	218	
19	996	+034	33	-03	082	-046	26	126	-052	11	174	-034		279	-067		396	133	
20	983	+067	45	-13	072	-005	35	118	-033	27	165	-047	12	269	-053	07	387	158	12
21	997	+058		-02	083	+018	31	129	-025	29	177	-042	28	281	-107	19	398	170	04
22	999	+085	57	+00	086	+013	34	135	-016	32	180	-039	26	284	-097	06	401	176	06
23	003	+061	53	+05	089	+021	29	144	+005	09	193	-028	32	287	-104	22	404	184	04
24	016	+058		+13	098	-001	29	144	+005	09	193	-028	10	297	-079	08	415	153	05
25	010	+072	52	+09	095	+016	44	141	-016	35	189	+001	19	295	-047	17	415	128	11
26	007	+067	54	+06	093	+050	52	139	+047	48	189	+046	31	297	-003		418	079	11
27	004	+077	64	+04	091	+064	66	137	+051	62	187	+021	52	294	-037	38	414	098	21
28	011	+078	33	+10	095	+034	20	142	+042		191	+021	11	297	-038		417	095	18
29	008	+059	45	+07	092	+002	38	138	-014	24	187	+006		293	-053	10	412	122	07
30	023	+024	26	+19	103	-025	14	148	-009		196	-007		302	-066		421	112	

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	539	256	06	697	355	02	893	472	157	487	346	498	613	465	762	444		
02	532	236																
03	535	233	03	695	343	02	889	487	151	513	340	483	607	460	756	454		
04	545	249		702	383		894	529	153	517	340	495	607	466	756	463	948	445
05	539	262		697	365		890	499	151	487	340	473	609	455	758	451	951	433
06	537	256	03	695	376	01	888	507	151	489	341	451	612	444	762	430		
07	538	249	03	697	349		892	483	155	465	345	468	616	446	765	430	960	414
08	530	293		686	414		876	498	144	448	336	459	608	426	758	436	952	430
09	519	302		675	398													
10	520	265		678	393		869	470										
11	536	257		694	375		887	503	146	532	333	484						
12	535	227	08	696	320	04	893	455	165	514								
13	519	303	01	674	415		865	494	127	512	317	443	590	415	741	409		
14	523	234	08	682	359	02												
15	532	240	08	691	397	03	884	494	145	515	332	503	598	487	746	444		
16	536	174	15	700	292	05	897	462	153	585	336	543	601	473	748	473	939	459
17	530	253	03	690	315	04	888	442	153	486	343	466						
18	532	272		689	349		886	444	155	438	347	458	615	465	763	450	956	430
19	534	228		693	345		888	469	159	434	350	483	618	455	767	437	961	427
20	523	237	08	682	344	04	876	477	149	400	345	416	619	420	771	410		
21	532	264	02	689	376	01	881	508	149	420	343	417	617	433	767	433		
22	535	264	02	691	395		882	538	151	416	347	409	622	407	774	409		
23	537	287	02	693	427		884	497	153	416	348	411	623	424	774	413	969	409
24	550	262	03	709	351	02	903	496	164	506	352	477	619	463	768	460	960	446
25	552	193	12	715	292	06	913	452	172	611	354	512	621	473	769	461	960	456
26	558	159	08	722	283		921	439	183	613	365	544	627	510	773	449	966	439
27	553	183	13	715	311	05	914	422	178	547	363	500	628	494	774	487	963	465
28	555	184	10	718	306	04	915	472	175	572	359	520	623	515	769	467	960	457
29	547	201	04	710	313	02	905	459	172	496	360	491	626	491				
30	559	193		720	318		916	478	177	522	363	517	625	521	770	506	959	478

RESULTS OF RADIOSONDE OBSERVATIONS AT MACQUARIE ISLAND
FOR THE MONTH OF DECEMBER 1952

TABLE 42 CONTD.

DAY	SURFACE			1000 MBS			900 MILLIBARS			850 MILLIBARS			800 MILLIBARS			700 MILLIBARS			600 MILLIBARS			
	PPP	TTT	WW	HH	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW	HHH	TTT	WW
01	020	+057	39	+17	102	+055	12	149	+045	15	198	+036	46	305	-042	27	425	089	11			
02	010	+068	55	+09	095	+042	55	141	+052	50	191	+036	41	296	-014	29	419	108	19			
03	008	+058	40	+07	092	-021	24	138	+027	29	187	+000	28	293	-049	22	412	123	12			
04	998	+073	55	-01	085	+009	41	130	-022	35	179	-018	22	285	-038		405	116	07			
05	992	+053	45	-06	079	+001	40	125	+010	45	174	-016	37	279	-069	18	398	129	17			
06	993	+054	45	-05	080	+003	41	126	+013	48	175	-010	43	280	-058	32	400	130	20			
07	986	+063	61	-11	075	+031	53	122	+016	49	170	-011	42	275	-065	26	394	135	15			
08	985	+059	58	-12	074	+037	55	121	+016	50	169	-004	46	275	-054	34	395	119	21			
09	996	+056	43	-03	083	+035	41	129	+020	37	178	-008	30	285	-016		406	091	08			
10	007	+085	58	+06	093	+040	51	139	+013	41	188	+023	35	295	-033	09	415	098	09			
11	002	+090	66	+02	089	+046	54	135	+030	50	184	+013	17	291	-028	21	411	104	10			
12	999	+079	53	-00	085	+018	34	131	-014	32	179	-040	26	284	-075	07	403	117				
13	996	+078	52	-03	083	+012	37	129	-016	33	177	-017	16	282	-073	20	402	117				
14	979	+073	59	-17	069	+017	42	115	-008	32	163	-035	16	267	-089	23	385	156	25			
15	998	+056	51	-01	084	+006	41	130	-024	33	178	-036	27	282	-120	15	400	148	15			
16	000	+083	61	+01	087	+042	51	134	+053	15	184	+067	31	292	-010	28	414	077				
17	001	+069	47	+01	087	+005	26	132	-013	30	187	-025	28	291	-088	22	410	136	07			
18	009	+067	41	+08	093	-006	32	139	-027	25	181	-033	22	285	-099		403	155				
19	023	+073	50	+19	103	+042	44	150	+060	41	199	+041	37	307	-017	23	428	071				
20	021	+078	48	+06	092	+030	51	138	+038	45	187	+016	33	294	-026	27	415	091	10			
21	007	+071	52	-06	080	+052	46	127	+042	22	176	+018	18	283	-027	24	403	105	15			
22	992	+072	51	-05	081	+023	42	127	+001	39	175	-030	31	280	-085	07	398	123				
23	993	+096	58	+06	091	+017	32	137	+005	16	186	-031	14	290	-099	08	408	158	10			
24	006	+088	63	+09	095	+072	39	142	+041	36	191	+019	42	298	-024	12	419	083	19			
25	010	+089	69	+01	089	+120	97	136	+075	71	186	+055	47	295	+009	32	417	074	23			
26	000	+085	54	-01	085	+009	39	131	-012	35	179	-013	21	284	-063		403	131				
27	998	+091	65	+03	090	+064	63	137	+043	50	186	+006	43	293	-023	32	413	102	08			
28	003	+095	60	+01	088	+041	34	134	+007	29	183	-010	25	288	-077	12	406	149	05			
29	001	+063	39	-00	085	-018	27	130	-054	23	177	-063	11	281	-128	06	396	216	04			
30	999	+072	46	+02	088	-004	33	133	-031	28	181	-016	23	287	-065	19	405	129	13			
31	002	+072	46	+02	088	-004	33	133	-031	28	181	-016	23	287	-065	19	405	129	13			

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	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT	HHH	TTT
01	564	175	07	727	293	04	926	436	186	613	367	549	626	526	770	517	958	486
02	556	210	09	719	302	02	917	434	179	618	361	531	623	520	768	486	959	461
03	549	209	07	710	338	02	906	468	166	539	352	497	617	507	762	489	953	460
04	542	203	04	704	327	04	902	453	164	520	352	483	619	477	767	462		
05	534	219	06	694	340	02	889	500	152	475	342	475	609	477				
06	536	229	08	696	350	03	881	496	154	465	346	449	617	453				
07	530	230	06	690	351	02	884	509	147	464	339	441	611	443				
08	532	208	09	693	329	03	889	474	151	484	341	477	609	463	757	452		
09	544	178	05	707	315	02	904	476	162	573	347	508	613	466	761	457	953	436
10	553	196	08	715	317	04	913	459	171	623	353	527	620	463	769	440	961	444
11	549	166	10	713	285	05	912	455	173	601	355	533	620	473	768	447	960	455
12	539	217	04	700	333	02	896	459	160	505	348	491	612	488	760	446		
13	540	198	12	702	299	03	900	456	160	600	341	542	604	486	753	446		
14	520	245	08	681	317	04	877	468	142	476	333	447	605	423	755	421		
15	536	200	13	699	289	05												
16	553	168	16	717	289	06	916	449	177	573	365	506	626	511	771	504		
17	538	216		700	323	03	896	465	160	465	350	477	617	494	763	487	953	453
18	547	225	06	707	326	02	905	442	171	494	360	480	627	492	773	478	964	451
19	568	168	07	732	281		932	445	192	622	370	584	630	497	776	483		
20	567	165	06	731	276	04	935	423	194	628	374	559	637	496	784	469	975	454
21	554	184	06	718	270		919	427	180	607	362	534	623	523	769	477	959	470
22	540	196	08	702	304		900	455	166	482	355	482	623	470	771	460	962	453
23	535	214	04	697	314	02	897	402	164	485	353	479	620	478	768	454	960	450
24	543	250	06	702	335		900	442	166	515	357	472	625	469	773	441	966	437
25	558	175	07	721	293	02	920	452	179	593	361	531	623	470	773	465	965	454
26	556	152	06	722	249	05	924	405	186	634	365	555	626	502	773	451	965	448
27	540	218		701	307		899	451	167	455	359	443	629	464	773	457	969	454
28	551	179		714	303		914	429	186	438	377	485	641	494				
29	542	213		704	317	03	900	460	171	398	366	434	635	458				
30	528	299	02	684	387		880	422	155	419	349	422	623	424	773	427	967	433
31	542	218	10	702	339	04	897	502	160	464								

RESULTS OF RADIOSONDE OBSERVATIONS

TROPOPAUSE

HEARD ISLAND, 1952

Table 43

DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE
JANUARY					FEBRUARY					MARCH					APRIL				
01	1045	238	598	1	01	999	258	537	1	01	1120	212	548	1	01	821	314	452	1
02	896	287	489	1	02	1209	190	556	1	02	1280	172	653	1	02	890	284	537	1
03	798	332	495	1	03	1355	150	488	1	03	1176	200	608	1	03				
04					04	1187	190	448	2	04					04	1193	200	605	1
05	830	308	482	1	05	1118	215	548	1	05	1100	228	566	2	05	1183	200	592	1
06	890	289	479	1	06	941	272	481	1	06	1313	163	613	1	06	1237	186	608	1
07	812	323	481	1	07	1057	237	579	1	07	1623	100	557	1	07				
08	810	323	503	1	08	1114	217	609	1	08	1620	100	503	1	08	715	370	462	1
09	761	348	487	1	09					09					09				
10	889	289	492	1	10	811	321	526	1	10	956	266	504	1	10	732	355	554	2
11	969	262	505	1	11	814	321	533	1	11					11	993	350	566	1
12	956	263	491	1	12	853	307	547	1	12	791	350	518	1	12				
13	839	311	490	1	13	1136	214	611	1	13	1031	240	584	1	13	790	329	533	1
14	1033	238	599	1	14	1060	257	578	1	14	1209	190	618	1	14	928	272	590	1
15	978	263	522	1	15					15	1042	240	595	1	15	783	331	530	1
16	851	308	516	1	16	712	382	429	1	16					16	984	250	548	1
17	842	310	477	1	17	1089	228	582	1	17	941	269	527	1	17	1129	208	608	1
18	780	340	469	1	18					18	950	272	446	1	18				
19	1034	241	580	1	19	883	300	438	1	19	819	315	536	1	19	1203	180	472	1
20	838	315	475	1	20	1100	225	616	1	20	816	320	547	1	20	957	262	594	1
21	812	327	485	1	21	1254	176	653	1	21	1067	230	623	1	21	918	276	555	1
22					22	1048	240	502	2	22					22				
23	860	305	498	1	23	1130	212	601	1	23	1113	217	585	1	23	1025	245	545	1
24					24					24	1106	224	545	1	24	870	300	510	1
25	830	315	477	1	25	1108	220	580	1	25	810	329	478	1	25				
26	879	300	514	1	26					26					26				
27	978	261	568	1	27					27					27				
28	1283	173	671	1	28	1220	191	589	1	28	1000	256	591	1	28	790	330	484	1
29					29	1155	210	566	1	29					29	1408	130	480	1
30	1116	220	555	1	30					30	897	284	500	1	30	813	318	526	1
31	1108	225	594	1	31					31	924	278	545	1					
MAY					JUNE					JULY					AUGUST				
01	994	249	574	1	01					01	1033	234	650	1	01	1191	187	703	1
02	1121	210	659	1	02					02	914	265	559	1	02	1148	195	678	1
03					03	1142	200	577	1	03	778	324	553	1	03				
04	1119	212	606	1	04	850	300	545	2	04	900	274	603	1	04	1240	160	746	1
05					05	740	347	530	1	05					05	1202	187	696	1
06	1086	222	602	1	06	920	260	594	1	06	1084	214	677	1	06				
07					07	1202	170	540	1	07	959	262	572	1	07				
08	1004	244	590	1	08	1103	210	693	1	08					08	1191	184	643	1
09					09	927	270	576	1	09	1210	180	734	1	09				
10	1417	124	520	1	10	876	282	486	1	10					10	798	316	568	1
11					11	804	312	570	1	11	951	257	585	1	11	939	264	570	1
12					12	1712	080	539	1	12					12				
13					13	1103	212	630	1	13	1247	168	735	1	13	1517	130	485	2
14	1043	234	621	1	14					14	891	280	572	1	14	1026	234	631	1
15	919	274	539	1	15	1117	206	707	1	15					15	940	265	537	1
16	1070	224	625	1	16	930	267	556	1	16					16	1108	213	642	1
17					17	929	265	523	1	17					17	742	356	521	1
18	959	260	597	1	18	922	264	539	1	18	1069	213	726	1	18				
19	965	260	535	1	19	892	272	555	1	19					19				
20					20					20					20	1196	183	682	1
21					21	1696	080	645	1	21	1115	206	683	1	21	1027	230	535	1
22	1065	222	552	1	22	1146	193	714	1	22	949	256	554	1	22				
23					23	1029	232	537	1	23	1361	135	485	1	23	860	288	594	1
24	1015	241	619	1	24					24	853	297	578	1	24	926	258	613	1
25	727	365	461	1	25	1059	224	668	1	25					25				
26					26	1189	183	705	1	26					26	1014	234	624	1
27	849	294	564	1	27	1689	080	583	2	27					27	1019	236	612	1
28	864	290	582	1	28					28					28				
29	854	291	587	1	29					29					29	1021	242	619	1
30	890	275	604	1	30	1144	200	718	1	30	932	270	579	2	30				
31	768	333	535	2						31	1141	200	703	1	31	1148	200	715	1
SEPTEMBER					OCTOBER					NOVEMBER					DECEMBER				
01					01	830	312	460	1	01	816	313	517	1	01	1139	205	602	1
02					02	887	288	573	1	02	1001	246	590	1	02	891	288	517	1
03					03	1000	246	647	1	03					03	1071	220	639	1
04	1173	175	631	1	04	974	258	593	1	04	700	360	487	1	04	1159	196	635	1
05					05	1064	226	652	1	05					05	980	254	500	1
06					06	1134	203	692	1	06	788	330	455	1	06	928	260	552	1
07	948	257	577	1	07	1041	234	650	1	07	744	350	461	2	07	993	250	525	1
08	799	321	516	2	08					08	1077	210	520	1	08				
09	842	300	585	1	09	900	281	546	1	09	946	257	578	1	09	956	262	576	1
10	1110	208	678	1	10	1170	193	636	1	10	1066	226	637	1	10	1236	180	648	1
11					11					11					11	1212	187	613	1
12					12					12					12				
13	852	300	543	3	13	685	383	434	1	13	981	258	544	1	13	1035	236	611	1
14					14	967	252	571	1	14	893	294	530	1	14	1155	200	660	1
15					15	1211	170	501	1	15					15	730	363	458	1
16	946	251	611	1	16	796	323	511	1	16					16				
17	1107	200	615	3	17					17	1050	230	617	1	17				
18	970	257	634	1	18	1143	200	661	1	18	1001	232	523	1	18	1116	216	546	1
19	1198	184	676	1	19	1228	174	700	1	19	1027	237	596	1	19	1310	164	621	1
20					20					20	1010	236	570	1	20				
21	739	352	537	1	21	889	286	541											

RESULTS OF RADIOSONDE OBSERVATIONS

TROPOPAUSE

MACQUARIE ISLAND, 1952

Table 44

DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE	DAY	HHHH	PPP	TTT	TYPE
JANUARY					FEBRUARY					MARCH					APRIL				
01	980	253	548	1	01	740	360	439	1	01	1536	112	531	1	01	997	253	527	1
02	910	280	534	1	02	871	300	480	1	02	677	400	421	2	02	910	282	543	1
03	830	319	489	1	03	960	266	538	1	03	993	253	556	1	03	881	290	517	1
04	921	279	507	1	04	813	327	436	1	04	729	367	452	1	04	985	250	513	1
05	829	315	488	1	05	1074	225	532	1	05	1480	119	504	1	05	973	256	524	1
06	840	313	517	2	06	810	332	490	1	06					06	1332	150	569	1
07	877	300	510	1	07					07	1236	181	599	1	07	1155	200	541	1
08					08	859	307	525	1	08	1091	234	548	1	08	1030	242	573	2
09	1010	247	524	1	09	1030	246	584	2	09					09	884	295	485	1
10	973	260	533	1	10	1041	234	604	1	10	970	259	523	1	10	929	277	515	1
11	810	325	450	1	11	937	255	563	1	11	1070	230	603	1	11	1098	222	598	1
12	1351	150	510	1	12	960	270	446	2	12	1082	227	583	1	12	884	300	550	1
13	1000	254	505	1	13	1521	114	507	1	13	950	274	524	2	13	1153	207	630	2
14	960	270	511	1	14	1112	219	586	1	14	998	248	516	1	14	1602	100	545	2
15	1031	243	555	1	15	1135	220	556	2	15	791	331	514	1	15				
16	957	273	564	1	16	1161	208	619	1	16	750	352	470	1	16	1110	217	620	1
17	1000	252	504	1	17	1140	212	602	1	17	999	250	538	1	17	1018	247	566	1
18	884	300	471	1	18	1159	205	610	1	18	991	255	540	1	18	1157	200	656	1
19	1040	241	583	1	19	1172	200	566	1	19	1036	244	573	2	19	1111	212	664	1
20	881	300	459	2	20	950	274	523	2	20	1058	235	580	1	20	1009	244	544	1
21	843	315	491	1	21	1107	223	587	2	21	1200	191	646	1	21	1336	150	594	2
22	754	364	471	1	22	1071	230	532	2	22	907	284	528	1	22	1131	200	540	1
23	919	285	497	1	23	1053	240	570	2	23	1080	222	563	1	23	1048	222	495	1
24	949	275	504	1	24					24	1093	226	521	1	24				
25					25	1082	230	583	1	25	1092	224	523	1	25	946	270	561	1
26	831	317	433	1	26	1010	252	520	1	26	921	279	600	2	26	989	247	519	1
27	1530	113	482	2	27	921	280	504	1	27	915	285	510	2	27	930	273	568	1
28	770	339	490	1	28	798	333	533	1	28	1053	241	571	2	28	1309	150	557	1
29	803	322	482	1	29	1075	235	536	1	29	1200	195	649	1	29	1581	100	549	1
30	808	317	492	1						30	789	351	593	3	30	1111	209	522	1
31	862	300	490	1						31	1430	133	555	1					
MAY					JUNE					JULY					AUGUST				
01					01	1013	241	650	1	01	1047	228	579	1	01	998	248	605	1
02	1132	211	650	2	02	1021	240	642	1	02	975	255	634	2	02	1029	236	597	1
03					03	1126	200	643	1	03	972	257	654	2	03	1057	224	602	1
04					04	1042	223	546	1	04	1019	238	636	1	04				
05	1218	179	658	1	05	1033	227	625	1	05	998	244	618	2	05				
06	1181	190	634	1	06	959	253	607	1	06	921	279	600	2	06	1138	200	734	2
07	868	300	448	2	07	855	300	563	2	07	1025	241	653	2	07	1140	200	743	1
08	1021	242	615	1	08	976	252	595	1	08	1024	241	679	2	08	1234	172	724	2
09	910	281	589	2	09	948	263	560	2	09	1014	243	678	1	09	1120	206	691	1
10	931	276	525	1	10	935	272	602	1	10	1039	231	557	1	10	1009	244	544	1
11					11	1088	221	686	2	11	1132	205	698	1	11	959	261	557	1
12	776	345	515	2	12					12	1031	242	630	2	12	909	284	524	2
13					13					13	1071	228	621	2	13	968	261	630	1
14	1084	226	655	2	14	938	267	540	2	14	1077	228	621	2	14	993	248	549	1
15	1129	210	648	2	15					15	1129	211	653	1	15	1003	250	615	1
16	1069	231	644	2	16					16	1085	224	673	1	16	1075	226	608	2
17	1018	248	601	2	17	1138	204	627	1	17	1029	241	609	1	17	1018	238	602	1
18	1120	207	626	1	18	1070	224	617	1	18	1145	200	699	2	18	1142	200	660	1
19	978	255	577	1	19	1172	193	675	1	19	1315	150	563	1	19	914	282	590	1
20	850	304	544	2	20	1120	208	663	1	20					20	1018	241	587	1
21	974	251	556	1	21	930	273	616	2	21	1107	206	688	1	21	1128	205	604	1
22	864	300	545	2	22	1059	222	652	1	22	1178	183	693	2	22	1068	225	647	1
23					23	900	281	606	1	23	1178	186	717	1	23	1002	251	623	1
24	1000	248	546	1	24	744	348	460	2	24	1055	223	704	2	24	967	262	614	1
25	966	260	655	1	25	922	263	519	1	25	966	259	652	2	25	998	250	513	2
26	945	263	548	1	26	973	249	598	1	26					26	1097	215	547	2
27	750	355	530	2	27	995	249	655	1	27					27	970	259	600	1
28	826	315	576	1	28	992	247	656	1	28	1153	200	723	2	28	1081	218	617	1
29	824	316	541	1	29	971	254	611	1	29	1072	228	674	2	29	1129	204	697	1
30	851	300	509	2	30	1031	236	637	1	30	936	276	572	2	30	993	244	613	2
31	986	248	644	2						31	1036	235	589	1					
SEPTEMBER					OCTOBER					NOVEMBER					DECEMBER				
01	1095	215	703	2	01	1173	187	648	2	01	987	261	518	2	01	1149	212	619	1
02	1073	219	669	2	02	1104	212	671	2	02					02	1251	178	592	1
03					03	1004	227	502	2	03	1022	244	555	1	03	1113	217	572	1
04	1114	205	572	1	04	848	303	540	1	04	977	263	372	2	04	1133	210	560	1
05	1040	234	621	1	05	894	281	514	1	05	998	253	576	1	05	1022	243	545	1
06	916	282	613	1	06	914	274	562	1	06	943	275	540	2	06	988	258	551	1
07	928	273	587	2	07	1043	231	646	1	07	1000	253	545	1	07	962	265	546	1
08	1002	243	686	1	08	983	247	507	1	08	802	335	486	2	08	999	253	562	1
09	976	253	583	1	09	947	266	605	2	09					09	1093	224	611	1
10	979	256	637	1	10	1041	234	586	1	10	810	327	481	1	10	1132	213	632	2
11	1065	225	618	1	11	1061	235	627	1	11	1037	238	572	1	11	1162	204	607	1
12	1143	198	683	1	12	1177	200	675	1	12	1095	222	575	1	12	1077	228	537	1
13	1190	182	513	1	13	1356	150	522	1	13	1080	215	533	1	13	1239	176	600	1
14	939	271	575	1	14	1124	216	553	1	14					14	939	273	522	2
15	901	283	524	1	15	980	264	538	1	15	998	251	547	1	15				
16					16	1110	220	578	1	16	1138	205	646	1	16	1149	209	577	1
17	1135	200	489	1	17	790	337	449	1	17	1007	250	489	1	17	990	260	536	2
18	856	303																	

RESULTS OF PILOT BALLOON OBSERVATIONS AT
HEARD ISLAND YEAR 1952

TABLE 45

MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
JAN	01	01	00 00	29 04	29 03	29 07	28 15			
JAN	03	01	27 18	25 07	23 17					
JAN	04	05	03 02	04 11	05 09					
JAN	07	05	18 05	19 17	18 17	18 18	18 17	18 16		
JAN	08	05	28 10	25 04	27 11					
JAN	08	11	00 00	28 07	26 07	26 13				
JAN	08	17	27 10	27 06	26 08	25 13	25 13			
JAN	09	00	28 16	27 09	26 19					
JAN	09	05	26 09	26 09	25 15					
JAN	09	11	25 08	26 07						
JAN	10	00	19 26	18 16	19 13	20 22				
JAN	10	05	22 17	22 20	22 23	22 28	22 30	23 26	23 23	
JAN	10	11	23 16	22 18	22 24	22 31	23 40			
JAN	10	17	27 10	26 10	25 09	24 16				
JAN	11	05	04 06	04 07	02 07	36 07	29 06	26 07		
JAN	11	11	24 10	24 11	24 12					
JAN	12	01	00 00	03 02						
JAN	12	05	00 00	25 01	23 03	22 02	16 02	15 03	27 03	
JAN	13	00	20 20	19 18	18 33	19 31				
JAN	13	05	21 15	21 10	20 11	21 18				
JAN	13	12	20 10	20 14	20 18	20 33	21 40	22 36	23 28	22 26
JAN	14	01	22 08	22 09	22 08					
JAN	14	04	07 21	07 17	05 15	04 39	04 38	02 16	35 14	
JAN	14	05	34 08	33 11	32 06	33 02	34 03	32 05	33 04	
JAN	15	00	23 05	29 01	33 03	31 08	34 05	34 04		
JAN	15	05	00 00	04 06	11 02					
JAN	15	11	19 25	19 20	18 20	19 04				
JAN	15	17	00 00	31 02	21 02					
JAN	16	05	28 17	28 17						
JAN	17	05	28 20	27 15	25 21					
JAN	17	11	29 25	27 12	26 38					
JAN	18	12	22 27	22 24	22 28	22 39				
JAN	19	00	23 29	20 26	20 47	21 40	22 55			
JAN	19	05	21 26	21 19	21 33	21 33	22 25			
JAN	19	11	24 08	25 05	22 14	22 20	22 24	23 14	23 16	23 23
JAN	19	17	00 00	04 07						
JAN	21	00	28 25	28 19	27 17					
JAN	20	11	28 20	28 19	27 13	26 22				
JAN	21	11	29 32	28 21	26 27					
JAN	21	16	27 20	25 08						
JAN	22	17	36 08	30 09						
JAN	23	00	32 05	32 10	30 17	29 23				
JAN	23	05	30 15	29 18	29 18					
JAN	23	11	28 28	28 19	27 36	26 33				
JAN	23	17	28 20	27 18	27 37	27 38				
JAN	25	05	28 31	29 28	28 30					
JAN	26	05	27 25	27 24	20 09					
JAN	26	11	23 18	22 25	22 22					
JAN	27	00	22 24	22 18	22 27					
JAN	27	05	23 26	20 17	20 27	20 39	20 38			
JAN	27	11	20 32	19 25	19 36	20 43				
JAN	28	11	19 15	22 13	23 16					
JAN	29	00	00 00	04 05	36 10	32 30	31 30			
JAN	29	11	23 15	22 18	23 22	22 26				
JAN	29	16	25 10	25 13	22 19					
JAN	30	00	27 12	26 10						
JAN	31	11	22 10	22 07						
FEB	01	05	22 18	21 13	22 14	23 33	23 35			
FEB	01	11	23 18	22 17	22 24					
FEB	02	01	22 27	22 23	22 30	22 26				
FEB	02	05	23 22	22 22	22 23	21 23	21 23			
FEB	02	12	22 07	22 08	22 10	21 13	20 11	20 06	21 07	21 12
FEB	03	11	00 00	36 05	31 02	29 15				
FEB	04	11	22 18	22 13	22 19					
FEB	04	17	25 10	23 10	22 11					
FEB	05	05	36 05	34 12	33 17					
FEB	06	00	27 12	22 12	24 14					
FEB	06	05	29 18	28 15	27 19	26 20				
FEB	07	00	25 10	26 11	25 18	25 17				
FEB	07	05	28 12	27 13	28 09	27 17				
FEB	07	11	28 10	29 08	29 11					
FEB	10	00	21 10	22 08	22 11					
FEB	10	05	23 15	23 09	22 13					
FEB	10	11	27 20	28 31	21 05					
FEB	11	01	26 04	22 04						
FEB	11	05	26 18	26 24	25 29	24 28	25 27	25 20	26 25	27 27

RESULTS OF PILOT BALLOON OBSERVATIONS AT HEARD ISLAND YEAR 1952											
TABLE 45 CONTD.											
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES	
FEB	11	11	23 07	21 05	24 14						
FEB	12	05	20 16	20 14	21 20	22 23	22 30	22 31	22 30	22 36	
FEB	12	11	22 18	23 10	23 14						
FEB	12	17	27 14	25 07	24 20						
FEB	13	00	27 15	25 04	25 14	26 19					
FEB	13	05	27 15	25 09	26 16						
FEB	13	11	28 28	28 26	26 25						
FEB	14	05	22 20	23 14							
FEB	14	11	22 26	23 20	24 29						
FEB	14	17	22 26	24 19	23 21						
FEB	16	00	19 25	19 26	18 32						
FEB	16	05	18 18	18 13	18 28	19 35	19 34	19 28	19 43		
FEB	16	11	19 20	19 19	20 27	21 29	21 29	21 40	21 37		
FEB	16	17	22 18	23 17	23 21	23 21					
FEB	17	00	27 10	22 05	23 06						
FEB	17	05	27 18	28 39	28 42	26 27	26 26				
FEB	17	12	28 10	28 21	32 06						
FEB	19	00	22 22	22 28	22 29						
FEB	19	01	27 08	27 05	25 10						
FEB	19	05	27 05	27 16	28 05						
FEB	19	11	27 18	25 09	26 09						
FEB	20	05	27 14	27 26	26 33	25 40	26 48	26 24			
FEB	20	11	27 07	28 06							
FEB	21	01	23 30	23 25	23 29	22 66	23 61				
FEB	21	05	23 22	23 23	23 29	23 34					
FEB	23	00	27 12	25 08	25 13						
FEB	23	05	29 09	29 10	28 12	28 25					
FEB	23	11	32 06	33 08	32 10						
FEB	24	11	27 20	26 13	25 43	25 30					
FEB	25	00	27 15	26 10	27 12	26 26					
FEB	25	05	00 00	28 02	30 05						
FEB	25	11	00 00	34 08	33 11						
FEB	26	17	26 15	26 06	24 11						
FEB	26	18	21 16	20 13	20 14						
FEB	27	00	28 06	24 07	24 18	24 19	24 16				
FEB	27	05	27 04	28 11	27 09	27 15	24 25				
FEB	28	05	00 00	30 03							
FEB	29	11	32 05	31 10	30 04						
MAR	01	11	20 02	16 03	17 04	11 04	11 03	18 26	17 30	16 22	
MAR	02	05	00 00	26 05	26 09						
MAR	02	11	23 12	26 19	28 16	25 11					
MAR	06	05	27 12	23 09	24 13						
MAR	09	17	27 10	27 15	25 10	23 14	26 15	27 26			
MAR	10	05	30 12	31 18	28 12						
MAR	10	11	27 12	26 19	25 26	24 27	24 27	24 36			
MAR	10	17	24 07	25 06	26 06	26 15	26 16				
MAR	11	05	05 06	05 08	01 11						
MAR	11	11	08 05	01 06	06 10	06 10	08 11	07 14	08 12	08 12	
MAR	12	11	36 02	01 06	34 06	04 03	36 03	35 06	01 06	06 07	
MAR	13	05	22 07	23 09	23 08	23 13	23 12	23 11	24 16	25 19	
MAR	13	11	22 19	22 09	22 19						
MAR	14	05	27 10	27 11	27 20	26 14	27 11				
MAR	15	13	20 11	20 24	20 22	21 32	21 37				
MAR	19	05	23 20	22 19	21 22						
MAR	19	11	23 29	21 30	21 39	21 32					
MAR	21	11	18 27	19 22	19 24	21 41	21 44				
MAR	23	05	26 23	26 10	24 25						
MAR	26	05	23 28	21 32	21 34						
MAR	28	05	22 22	22 13	21 16	22 16					
MAR	28	10	21 17	20 23	20 25	21 53	22 12	34 16	29 07	22 28	
MAR	31	05	29 26	28 26	26 33						
MAR	31	11	27 18	28 14	25 14						
APR	02	07	23 12	21 12	20 15	19 21	20 23	20 23	20 18	20 13	
APR	02	11	19 18	19 26	18 27	18 35	19 27	18 12	19 17	19 18	
APR	03	05	21 30	19 28	19 30						
APR	03	11	21 23	20 18	20 18	20 27					
APR	14	05	23 05	22 09	22 10	24 09	23 14	25 20	26 20	27 20	
APR	14	11	35 02	34 06	34 07	33 11	34 12	34 09	30 23	30 28	
APR	15	05	29 14	29 11	29 18						
APR	15	11	32 10	32 17	32 17	31 16					
APR	16	05	22 20	22 08	22 26	23 20	23 22				
APR	16	11	24 20	23 12	22 14	23 17	23 19				
APR	17	10	23 12	25 06	24 18	24 18					
APR	18	11	29 16	30 17	29 09						
APR	19	05	27 20	25 27	26 37						
APR	21	11	22 06	21 04	21 08	20 05					
APR	22	11	28 07	22 08	23 15	24 16					
APR	24	05	29 22	27 21	27 57	26 42					

RESULTS OF PILOT BALLOON OBSERVATIONS AT
HEARD ISLAND YEAR 1952

TABLE 45 CONTD.

MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
APR	24	09	28 17	29 12	26 14	26 28	25 37			
APR	24	11	29 17	29 17	27 16	26 25	25 29			
APR	24	17	28 10	28 07	28 10	29 15	29 27			
APR	26	05	31 35	31 29	29 47					
APR	27	05	03 26	02 37	02 40					
APR	28	05	29 16	28 14	28 11					
APR	30	06	25 17	24 11						
APR	30	07	23 21	24 18	23 28	24 34	24 30			
APR	30	11	26 17	25 07	24 16					
MAY	05	10	23 12	22 12	21 14	20 16	22 16	25 18	25 21	25 16
MAY	06	11	23 09	25 08	25 10	25 18				
MAY	09	11	29 36	29 24	27 23					
MAY	12	05	21 22	22 22	22 22	22 29	22 30			
MAY	15	10	30 13	30 14	31 11					
MAY	17	05	32 20	31 27	31 47	31 14				
MAY	18	05	23 30	23 19	23 18					
MAY	18	11	25 16	23 15	23 22	24 22	25 27			
MAY	20	04	18 05	19 07	19 09	20 07	19 06	20 08	21 11	22 12
MAY	20	10	00 00	25 03	28 03	29 04	27 05	24 05	21 09	22 14
MAY	20	17	00 00	32 11	32 06					
MAY	24	05	24 26	24 25	23 38	23 41				
MAY	24	11	23 25	20 22	20 21	20 22	20 21	21 29	21 37	22 34
MAY	26	17	21 26	19 13	19 09	27 03				
MAY	30	07	30 16	26 24	26 24	25 17	26 19			
JUN	01	05	18 07	16 04	00 00	26 04	31 05	20 02		
JUN	01	11	15 09	14 08	15 09	15 15	17 15	16 18	16 19	17 20
JUN	01	17	20 13	18 08	19 09	21 07				
JUN	05	05	00 00	14 01	31 02					
JUN	08	05	23 12	20 15	21 11	22 13	23 18	24 22		
JUN	09	17	29 25	27 15	24 15					
JUN	11	05	22 24	23 19	23 22	23 21	23 15			
JUN	11	10	24 20	23 15	22 29	22 35	22 30			
JUN	12	05	22 24	22 20	21 18	20 22	20 36			
JUN	12	11	19 13	20 16	20 23	20 32	20 25	24 17	22 19	22 22
JUN	15	05	23 19	23 10	23 13	23 22				
JUN	15	11	08 09	05 08	06 09	05 09	04 07	32 03	25 04	
JUN	18	11	27 12	25 06	25 07					
JUN	20	07	22 05	22 06	23 05	24 05	32 04	23 04	17 04	14 04
JUN	21	05	20 31	19 23	19 26	20 30				
JUN	21	11	21 30	21 16	20 19	21 48	19 20	18 16		
JUN	26	11	29 05	29 09	28 08					
JUN	27	11	20 35	19 37	19 53	20 35				
JUN	29	11	21 30	21 21	21 22	22 26	22 39			
JUN	30	05	30 07	30 08	28 03	25 05				
JUN	30	07	00 00	32 03	32 04	33 05	33 06			
JUN	30	10	03 16	03 19	03 20	03 27	02 35	35 30		
JUL	03	05	29 15	28 10	26 09					
JUL	03	10	23 07	25 05	25 05	20 08	24 06	25 08	28 10	24 08
JUL	06	05	23 25	22 14	22 22	22 38				
JUL	06	11	23 17	24 16	24 19					
JUL	09	05	24 23	24 22	24 28					
JUL	09	11	24 15	23 16	23 21	23 21				
JUL	12	11	27 26	25 11						
JUL	17	10	23 31	23 28	23 31	23 25	23 49	23 57	23 52	
JUL	21	05	24 24	23 22	24 21					
JUL	23	05	32 25	28 12	25 17					
JUL	24	05	19 24	19 21	19 18	19 26				
JUL	24	11	22 26	21 13	21 14	22 19				
JUL	28	05	33 20	32 17	32 19					
JUL	31	05	25 26	22 25	22 22					
JUL	31	11	20 34	20 33	20 40	20 44	20 43			
AUG	10	05	25 25	28 13	25 26	25 30				
AUG	10	10	23 20	22 11	22 13	23 23	24 21	24 22		
AUG	10	16	21 12	22 10	22 11	23 18	24 18			
AUG	11	05	23 16	21 11	22 12	24 16	24 19	25 25	25 28	26 32
AUG	11	11	29 12	29 17	27 14	27 20	27 22	27 24		
AUG	13	05	26 12	23 10	24 10	25 26				
AUG	13	11	28 20	24 12	24 46	24 88	24 17	24 50	25 43	
AUG	14	05	22 26	21 26	22 26	22 56	22 47			
AUG	14	11	28 11	28 06	26 14	26 18	26 20			
AUG	14	17	32 17	33 13	33 15					
AUG	15	05	30 30	28 22	28 27	27 43				
AUG	17	11	27 20	25 25	24 27	24 32	27 39			
AUG	19	10	19 30	19 30	19 45	19 41	19 54			
AUG	21	05	30 24	28 17	27 25					
AUG	21	09	31 23	30 16	28 23	27 38	27 36	26 31	27 36	27 43

RESULTS OF PILOT BALLOON OBSERVATIONS AT HEARD ISLAND YEAR 1952										
TABLE 45 CONTD.										
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
Aug	24	05	22 11	22 16	22 16	22 17	23 18	24 17		
Aug	24	12	35 09	01 05	30 09	36 05	31 15	30 23		
Aug	26	11	25 27	24 17	23 32	24 50				
Aug	27	05	24 30	23 24	23 20					
Aug	27	11	24 25	22 14	22 19					
Aug	29	11	21 22	19 17	20 22	20 23	19 08	19 16	20 19	18 19
Aug	29	17	24 16	23 13	22 08					
SEP	03	05	27 25	27 33	25 13	26 92	26 25			
SEP	03	11	31 20	28 18	27 32	27 36				
SEP	04	05	23 22	22 16	22 26	22 37				
SEP	05	11	24 20	23 16	23 18	24 12				
SEP	07	05	21 24	19 27	19 31	19 28	19 38			
SEP	07	10	22 17	21 19	20 13	20 22	20 30	19 17	21 07	25 08
SEP	07	12	21 12	19 14	19 13	19 03	02 04	17 07		
SEP	07	18	02 10	01 11	36 13	01 17	02 21			
SEP	09	11	21 05	20 14	21 15	21 18	22 15	20 14	20 11	21 16
SEP	10	04	24 19	23 20	24 17	24 18				
SEP	10	05	26 17	25 05	24 05					
SEP	10	11	31 16	30 18	31 26	30 31	31 09			
SEP	11	11	30 25	27 20	26 25					
SEP	12	05	28 09	28 35	27 60	24 12	26 73	26 46	27 35	28 19
SEP	12	11	28 20	28 32	27 62	26 94	26 73			
SEP	13	01	32 27	28 12	27 20	26 45				
SEP	13	05	30 25	29 16	28 26	28 35				
SEP	13	11	30 23	30 27	26 13	25 28				
SEP	14	12	08 12	08 27	08 18	08 35	08 36	10 12	10 10	08 07
SEP	15	01	28 12	29 14	30 23	32 20	29 07			
SEP	15	05	29 08	28 11	26 22	26 32	25 31			
SEP	16	01	30 08	29 08	29 12	29 10	29 10			
SEP	16	05	27 13	27 16	25 34	25 26	25 20	25 25	26 23	
SEP	16	11	27 23	24 08	24 26	24 51	24 54	25 56	26 38	27 45
SEP	16	17	26 10	25 06	24 12	24 20	25 25	26 25	27 24	
SEP	18	11	28 05	27 15	28 14	26 39	26 37	26 26	26 15	
SEP	21	11	19 30	20 25	20 35	21 22				
SEP	22	05	23 20	23 15	23 21	23 21				
SEP	22	10	29 07	27 03	30 05	30 19				
SEP	24	00	27 12	27 12	28 14	28 16				
SEP	25	05	24 26	24 15	24 25	24 26	25 32			
SEP	25	12	28 18	28 14	25 12	26 26				
SEP	26	05	23 35	21 25	21 31	22 38				
SEP	26	11	24 30	24 32	24 45	24 53	24 50			
SEP	28	05	31 18	31 28	28 09					
SEP	29	11	22 17	21 13	21 11					
SEP	29	17	27 02	28 04	31 07	31 08				
OCT	01	05	30 28	28 17	27 33	27 40				
OCT	01	11	28 26	26 15	28 30	26 24	26 37			
OCT	02	05	28 24	23 28	26 48	27 45	26 43			
OCT	02	11	30 25	29 18	27 30					
OCT	03	05	23 23	22 12	22 20	23 20	23 28			
OCT	03	11	21 24	20 21	20 22	19 43	20 51	23 19	30 08	
OCT	03	17	17 05	18 10	18 11	18 12	19 12			
OCT	04	00	20 18	20 17	19 14	14 06	11 05	17 15	18 20	19 20
OCT	04	05	20 10	19 14	20 08	16 04	11 02			
OCT	04	11	21 18	20 16	20 17	17 10	14 06			
OCT	05	06	27 02	29 05	26 06	27 05				
OCT	05	11	28 03	27 07	27 05	28 06				
OCT	07	00	31 05	30 04	29 04	29 05				
OCT	10	00	23 18	21 18	21 22	22 21				
OCT	10	05	33 05	33 06	33 07	31 11	30 05			
OCT	13	11	31 29	29 21	28 27	26 46				
OCT	14	05	14 05	31 26	31 14					
OCT	15	00	32 25	30 21	32 27	31 37				
OCT	15	06	29 25	28 11	24 07					
OCT	15	11	29 12	29 14	29 16	28 13	28 19			
OCT	16	12	23 20	21 18	21 37	22 57	22 58	23 41	23 19	
OCT	20	11	30 22	30 22	26 54					
OCT	21	00	28 07	29 15	28 20	25 16	25 22	24 21	24 26	24 26
OCT	21	05	29 15	28 18	25 06	25 23	24 21			
OCT	21	11	30 14	26 08	26 21	26 36	26 32			
OCT	22	00	31 10	32 09	31 11	29 12	28 12	28 15		
OCT	22	12	07 06	05 06	01 05	00 00	22 03	31 07	28 08	
OCT	24	01	26 12	25 15	25 29	25 53	24 61	25 57		
OCT	24	05	29 25	28 14	25 18	24 35	24 34			
OCT	24	11	28 07	26 05	24 15					
OCT	25	02	26 15	28 14	24 10					
OCT	25	05	25 18	26 17	24 19					
OCT	25	11	22 22	22 16	21 20	22 26	23 23			
OCT	26	10	36 06	01 08	01 09	01 10	02 17			
OCT	27	00	00 00	15 01	21 02	30 07	29 07	30 10	28 08	26 11
OCT	27	12	30 05	29 08	28 12	28 12				

RESULTS OF PILOT BALLOON OBSERVATIONS AT
HEARD ISLAND YEAR 1952

TABLE 45 CONTD.

MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
OCT	28	11	25 15	24 16	24 12					
OCT	28	14	23 19	25 17	25 28	24 36	23 24	26 27		
OCT	28	17	24 06	27 05	27 08					
OCT	30	00	26 07	27 09	28 11	27 17	27 20			
OCT	30	05	30 15	30 13	29 20	28 24	28 21	29 26		
OCT	30	08	29 20	29 25	29 16	27 23	27 22	28 22	28 29	28 35
OCT	30	11	29 12	29 14	29 23	28 18	28 26			
NOV	01	05	27 14	27 18	26 19	25 36	26 41	26 35	26 24	27 30
NOV	01	12	27 16	27 14	25 21	25 38	24 37	23 38		
NOV	02	06	24 25	23 21	22 23	23 34	24 55	24 54	24 34	
NOV	02	11	26 12	25 09	25 10	25 17	25 19			
NOV	03	09	30 17	29 12	30 09					
NOV	03	12	28 25	28 20	29 26	28 36				
NOV	04	06	27 18	27 06	26 16					
NOV	04	12	27 22	26 32	24 50					
NOV	06	07	26 18	27 08	26 13					
NOV	06	15	21 08	21 09	21 10	21 11	20 14			
NOV	06	18	22 10	23 11	23 12	23 25	24 21	22 29	24 32	25 27
NOV	07	12	23 15	23 14	23 16	21 15				
NOV	08	02	25 14	23 13	24 20	24 28	24 25			
NOV	08	12	27 12	25 07	23 16	23 29	21 27	24 32		
NOV	09	07	27 18	28 11	25 17	25 34				
NOV	09	12	27 20	25 21	24 17	24 42	24 63			
NOV	12	02	20 12	20 20	18 15	20 17	21 19	22 14	18 19	
NOV	12	06	23 16	22 14	22 16	22 19	22 19			
NOV	12	10	25 18	22 11	23 21	23 28	25 22	24 24		
NOV	14	00	22 14	21 09	24 08					
NOV	14	05	24 08	24 09	23 16	23 20				
NOV	14	11	24 17	23 14	23 17	23 18				
NOV	14	17	23 17	22 13	22 11					
NOV	16	06	24 21	22 13	23 17					
NOV	17	11	24 20	24 20	23 46	27 22	25 15			
NOV	18	00	29 12	27 16	26 13	26 18				
NOV	19	10	27 20	26 22	25 26	25 43				
NOV	20	05	29 10	28 09	28 07					
NOV	20	14	30 15	29 26	27 28	27 15				
NOV	22	05	25 06	24 08	22 10	23 12				
NOV	22	11	02 15	02 13	03 17	02 23	01 28			
NOV	23	11	33 07	33 13	31 12	25 07				
NOV	24	06	24 23	24 22	22 23	23 35	23 40			
NOV	24	11	25 26	23 24	23 42					
NOV	25	00	32 25	32 20	32 28	31 71				
NOV	25	05	24 26	23 19	22 18	22 34	23 36	24 35		
NOV	25	12	24 20	23 29	24 58	23 05	24 25			
NOV	29	01	23 12	24 12	24 17	25 17				
NOV	29	05	32 09	30 06	29 01					
NOV	30	12	22 17	23 22	23 16					
DEC	01	00	23 22	24 18	24 22	24 38				
DEC	01	06	26 07	29 08	30 11	28 22	28 11	28 13	28 19	
DEC	02	00	25 07	24 15	24 17	25 24				
DEC	02	05	27 17	27 19	25 19	25 29	25 31	24 38		
DEC	02	11	29 15	26 16	23 22	25 25	24 42	24 33		
DEC	02	17	27 13	25 13	25 23	25 27				
DEC	03	05	06 15	05 13	03 18					
DEC	04	00	31 17	31 13	32 15	28 21	29 23			
DEC	04	05	29 18	28 16	29 20	28 37				
DEC	05	00	29 23	29 13	27 12	27 22	27 30	28 42	28 55	
DEC	05	05	30 18	30 19	28 24					
DEC	05	11	32 16	31 16	30 13					
DEC	06	05	27 17	28 19	27 38					
DEC	06	11	27 24	25 09	25 26					
DEC	07	05	26 09	26 10	27 13					
DEC	07	12	36 02	36 07	03 05	01 07	35 14			
DEC	07	15	06 12	06 17	05 18	04 25				
DEC	11	11	22 21	22 20	22 21					
DEC	11	14	22 20	22 19	22 21	22 29				
DEC	11	18	21 08	22 09	20 10	17 07	21 11	26 12	21 12	26 17
DEC	13	06	23 13	22 12	21 12	24 19				
DEC	13	12	21 08	22 09	22 08	22 14				
DEC	15	05	29 12	29 30	27 19	26 34				
DEC	16	09	23 18	23 23	24 35	23 41	23 46	23 40		
DEC	16	11	22 24	23 23	23 33	23 41	24 56			
DEC	17	05	26 12	24 07	25 14					
DEC	17	11	23 12	24 13	24 15	26 23				
DEC	18	11	21 27	21 28	21 35	22 48	22 31			
DEC	20	11	21 21	22 28	22 35	22 45				
DEC	20	15	23 25	23 20	23 23					
DEC	21	05	26 12	25 28	25 30					

RESULTS OF PILOT BALLOON OBSERVATIONS AT HEARD ISLAND YEAR 1952										
TABLE 45 CONTD. AP 952										
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
DEC	22	11	22 25	21 20	21 29	20 63	22 43	24 39	23 58	
DEC	22	16	21 20	21 28	21 31	22 33				
DEC	23	00	24 05	33 05	33 08	36 12	25 18	21 12	23 21	23 21
DEC	23	13	04 07	03 13	02 15	02 23				
DEC	27	05	06 16	07 21	06 17	03 22				
DEC	28	14	24 37	22 32	22 55	29 39	23 38		26 12	26 15
DEC	28	12	23 35	22 30	22 55	23 36	23 38			
DEC	28	16	23 30	23 29	24 41	23 56				
DEC	29	11	25 07	26 10	25 06					
DEC	29	13	24 07	25 08	25 14	27 14	26 21	27 18	26 20	26 28
DEC	29	15	28 03	31 06	28 04	28 10	29 15	28 17	27 22	
DEC	30	00	06 20	06 28	06 25					
DEC	31	00	29 15	30 14	27 10	27 16	27 20	27 20		
MONTH	DAY	HOUR	2100 METRES	2400 METRES	3000 METRES	3600 METRES	4500 METRES	5400 METRES	6000 METRES	7500 METRES
JAN	19	11	24 18							
FEB	02	12	24 12	25 22	25 22	25 24				
FEB	12	05	22 32							
MAR	01	11	16 23	17 19						
MAR	11	11	01 08							
MAR	13	05	23 16	23 18						
MAR	28	10	24 22	25 22						
APR	02	07	22 09							
APR	02	11	20 21	20 24	20 15					
APR	14	11	29 26							
MAY	05	10	26 18	27 28	29 46					
MAY	20	04	24 15	26 17	28 21					
MAY	20	10	22 17	23 22	24 23	25 17	25 20			
JUN	12	11	21 27	22 42						
JUN	20	07	15 05	16 07	17 18	12 18				
JUL	03	10	27 09	27 07	27 09	31 04				
SEP	07	10	22 24	22 28	23 35					
SEP	09	11	21 22	21 26	21 25	22 17				
SEP	14	12	31 02							
SEP	16	11	27 53							
OCT	04	00	20 21	21 21	21 19					
OCT	27	00	26 14							
DEC	11	18	28 19	27 30						
DEC	23	00	24 11	24 36	25 27					
DEC	28	14	27 15							
DEC	29	13	26 27	25 27	25 33					

RESULTS OF PILOT BALLOON OBSERVATIONS AT
MACQUARIE ISLAND YEAR 1952

TABLE 46

MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
JAN	01	11	00 00	30 06	28 03	26 03				
JAN	02	05	27 05	26 04	24 05					
JAN	02	17	00 00	17 03	19 04	23 14	25 13	25 13	24 15	25 13
JAN	02	23	00 00	20 08	22 12	22 23				
JAN	03	05	26 10	25 13	22 14	23 25	24 16	24 17		
JAN	03	11	27 15	26 19	25 23	25 21	25 20	25 22	25 23	26 19
JAN	03	17	31 10	32 10	31 15	31 12	31 13	30 15		
JAN	04	05	29 16	27 24	27 29					
JAN	04	11	27 20	27 21	27 23					
JAN	04	17	27 20	27 23						
JAN	05	01	27 20	26 20	25 38	23 43	24 08	26 22		
JAN	05	23	17 25	18 26	19 15					
JAN	06	05	20 12	21 11	22 31					
JAN	07	01	27 18	25 09	23 32					
JAN	08	05	27 20	24 40						
JAN	08	17	31 13	30 17	29 19	28 18	29 18	29 14	28 16	29 17
JAN	08	23	34 17	35 20	35 23	34 29				
JAN	09	05	36 15	36 20						
JAN	09	23	29 20	28 20	27 24	27 28	27 30			
JAN	10	06	31 17	30 20	29 24	29 33	31 24	29 37	29 32	
JAN	10	08	32 12	32 16	31 19	31 17	30 23	30 26	30 27	30 26
JAN	11	23	31 18	31 18	30 23	29 25	29 24	29 27	29 29	
JAN	12	05	32 20	31 26	31 25	30 35	29 37	30 27	30 35	30 35
JAN	12	23	32 22	31 29	30 36					
JAN	13	05	31 26	31 27	30 38	29 45				
JAN	14	17	27 10	25 14	25 17	26 17	26 21	27 22		
JAN	14	23	27 15	26 24	25 24	26 22	26 22	26 25		
JAN	15	05	26 12	24 09	22 19					
JAN	15	11	26 08	25 24	25 28	24 21	24 19			
JAN	15	17	28 12	28 20	27 24	27 26	27 33			
JAN	15	23	32 10	32 12	32 17	32 18	31 14	33 15	31 17	29 22
JAN	17	11	30 12	30 16	30 21	29 26	22 24			
JAN	18	05	29 22	28 22	28 29	27 25				
JAN	18	11	26 25	26 30	26 37	26 41				
JAN	18	23	27 08	26 16	25 22	24 16				
JAN	19	05	30 05	30 08	30 09	29 09				
JAN	19	17	00 00	13 02	13 04	07 07				
JAN	20	05	32 10	31 17	30 30	30 40				
JAN	21	23	29 21	27 24	27 27	27 48				
JAN	22	05	29 24	28 34	27 36	27 43	27 36	27 37		
JAN	23	23	26 15	26 23	25 28	25 23	24 24	24 25	24 29	
JAN	24	05	27 15	26 25	26 28	26 34	27 33	27 28	26 24	26 30
JAN	24	17	30 08	29 10	29 11	27 12	27 12	26 14		
JAN	24	23	00 00	07 10	05 12	04 17	04 19	01 09	36 12	36 08
JAN	26	17	27 40	27 40	27 68					
JAN	26	23	28 30	27 37	27 46	27 48	27 48	27 40		
JAN	27	05	30 30	29 34	29 37					
JAN	27	17	28 15	26 25	26 28	25 28				
JAN	28	01	29 15	29 21	29 27	29 27	28 27	29 24		
JAN	28	05	30 21	30 20	29 27	28 23				
JAN	28	11	29 30	29 28	28 27					
JAN	29	02	30 18	26 29	26 23	26 21	27 40	26 41		
JAN	29	05	26 20	25 20	25 24	26 18				
JAN	29	11	28 15	27 16	27 12	27 34	26 27	27 36		
JAN	29	23	28 20	26 23	26 28					
JAN	30	05	27 20	26 23	26 34	26 33	25 31	26 33	26 31	25 36
JAN	30	23	29 15	27 16	27 20	26 26	26 23	25 24		
JAN	31	05	28 10	27 17	27 17	27 17	27 19	27 18	27 15	27 14
JAN	31	11	29 10	28 12	27 11	28 12	28 13	28 14	28 13	28 13
JAN	31	17	00 00	32 07	32 07	31 07	31 04	31 04	30 06	32 05
JAN	31	23	12 02	12 06	12 09	11 05	12 05			
FEB	01	05	16 10	16 12	16 15	18 16	20 11	20 14	20 17	19 16
FEB	01	11	23 08	23 12	21 21	21 36	18 14			
FEB	01	17	25 10	25 12	23 18	21 30				
FEB	01	23	28 15	25 10	24 31	24 31	24 26	24 26	24 24	
FEB	02	05	27 22	26 21	26 23					
FEB	03	11	30 22	30 23	29 31	25 36				
FEB	03	23	29 25	28 27	28 29					
FEB	04	05	29 25	28 33	27 35	27 40	27 39	27 40		
FEB	04	11	30 20	28 29	28 32	27 49	27 49			
FEB	05	23	26 20	26 20	26 23	27 24				
FEB	06	05	30 22	29 25	28 32	27 34				
FEB	06	11	29 32	28 30	27 35					
FEB	06	17	33 20	32 26	32 32					
FEB	07	23	30 30	29 48	29 50					
FEB	08	23	28 22	26 29	25 35	25 26	24 21			
FEB	09	05	29 15	28 17	27 19	27 23	27 20	26 22	26 29	26 35
FEB	09	11	29 12	28 10	28 10	28 21	28 21			
FEB	09	17	34 18	33 22	33 26	32 30				
FEB	10	11	34 20	33 28	33 31					
FEB	10	23	00 00	02 12	03 18					
FEB	12	05	27 30	26 20	24 26					
FEB	13	05	27 27	26 26	24 43					

RESULTS OF PILOT BALLOON OBSERVATIONS AT
MACQUARIE ISLAND YEAR 1952

TABLE 46 CONTD.

MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
FEB	13	11	26 30	26 27	25 42					
FEB	13	17	27 35	26 35	25 45					
FEB	13	23	26 35	25 37	24 36	23 46				
FEB	14	05	27 30	25 34	25 36	25 45				
FEB	14	17	29 30	29 29	27 30		25 40			
FEB	15	05	31 30	30 31	29 40					
FEB	17	23	30 22	28 28	27 29	27 30				
FEB	18	05	31 20	30 19	30 26	30 24	30 26	29 29	30 35	29 29
FEB	18	11	33 30	32 30	32 31	31 35				
FEB	19	05	29 15	29 19	28 24	27 30				
FEB	19	08	29 15	29 18	28 20	28 23	27 27	27 26		
FEB	19	23	30 24	30 24	29 29	29 42	28 20	27 18	28 25	28 23
FEB	20	05	30 22	30 25	30 40	30 39	29 39	29 38	28 36	
FEB	20	08	31 28	31 35	30 40	30 39	30 44			
FEB	20	23	30 30	30 32	30 37	29 35	30 39	30 40	30 40	30 41
FEB	21	05	32 30	31 30	31 46					
FEB	21	11	32 38	31 37	31 48					
FEB	21	23	33 30	34 38	31 50					
FEB	22	11	29 23	28 30	28 26	28 34	28 33	27 27	27 24	
FEB	22	23	32 20	32 28	32 29	32 33	32 29	32 25		
FEB	23	05	34 20	35 25	34 33	34 46	34 45	33 32		
FEB	23	23	30 22	29 25	29 26	29 28	29 33			
FEB	24	05	30 22	29 21	29 29	29 39	27 43	28 39	28 39	28 45
FEB	24	11	27 22	26 17	25 10	25 23	26 25	26 23		
FEB	24	17	28 20	28 27	28 26	28 21				
FEB	24	23	31 20	31 27	31 38					
FEB	26	05	30 28	30 30	30 30	30 36				
FEB	26	23	30 28	29 29	29 33	29 34				
FEB	27	05	32 20	31 23	31 30	32 22	31 28	30 36	30 41	30 48
FEB	28	05	29 21	29 20	30 27					
FEB	28	23	27 18	26 19	25 42					
FEB	29	05	27 12	29 17	28 17	28 16	27 22			
FEB	29	23	33 35	33 25	32 33					
MAR	01	11	32 15	31 20	29 27					
MAR	01	17	35 16	33 20	32 29	31 31	31 31			
MAR	02	05	28 20	27 30	27 23	27 27	27 24	27 24	28 23	28 23
MAR	02	08	29 20	28 25	28 22	28 24	28 23	28 23	28 28	27 29
MAR	02	17	32 20	30 21	30 26					
MAR	02	23	33 15	32 18	32 22	31 25	31 25			
MAR	03	23	31 15	29 20	28 23	28 27				
MAR	04	05	28 15	26 22	25 28	26 22	25 18			
MAR	04	08	28 15	27 15	26 18	24 19	23 17	24 17	25 17	25 17
MAR	04	17	28 10	28 21	27 26	27 14	26 14	26 20		
MAR	05	05	28 24	27 34	27 34	27 41				
MAR	06	23	27 40	26 40	25 45	24 53				
MAR	07	05	27 32	26 38	25 43	25 37				
MAR	07	11	27 17	27 17	25 23	25 35				
MAR	07	17	27 12	28 15	28 11	28 14	28 15	26 23	25 40	
MAR	08	23	30 26	30 30	29 34	28 42				
MAR	09	05	31 30	31 29	31 46					
MAR	09	23	28 26	27 28	27 30					
MAR	10	05	27 32	27 39	27 41	27 49	27 31			
MAR	10	11	26 22	26 27	26 27	27 23				
MAR	10	17	26 25	26 22	26 37	25 39	25 38			
MAR	11	05	27 12	27 15	26 15	26 18	25 15	25 13		
MAR	11	11	31 06	31 08	33 11	35 08	34 07	33 10		
MAR	11	17	36 15	01 17	36 17	35 21				
MAR	11	23	35 12	35 21	35 26	35 29	35 30	35 25	34 21	33 19
MAR	12	05	36 15	01 17	01 19	36 32	36 30			
MAR	12	23	31 35	31 35	31 47					
MAR	13	05	31 26	31 34	31 39	31 46	31 47			
MAR	13	23	30 24	31 25	31 29	31 38				
MAR	14	05	33 27	33 25	33 30	33 22				
MAR	14	23	26 26	27 35	27 38					
MAR	15	05	26 25	26 20	26 25	26 32	26 29			
MAR	16	05	26 30	26 28	24 28	24 27	24 32	23 27	23 25	
MAR	16	11	26 10	27 13	25 21	24 25	23 21	24 21	24 24	23 29
MAR	16	17	26 10	25 11	24 17	24 19	24 20	24 27	25 30	
MAR	16	23	26 20	26 28	26 24	26 24				
MAR	17	11	22 05	22 09	22 20	23 26				
MAR	18	05	26 20	27 23	26 19					
MAR	18	23	00 00	27 05	21 06	21 09				
MAR	19	05	00 00	28 03	27 06	23 15	22 17			
MAR	20	11	28 15	28 23	29 28					
MAR	21	05	14 15	15 19	15 20	15 18	15 17	16 30		
MAR	21	11	00 00	25 06	12 30	23 03				
MAR	21	23	26 25	27 25	28 25					
MAR	22	05	27 28	28 30	29 37					
MAR	23	05	29 25	30 32	30 30					

RESULTS OF PILOT BALLOON OBSERVATIONS AT
MACQUARIE ISLAND YEAR 1952

TABLE 46 CONTD.

MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
MR	25	05	17 35	17 37	17 39					
MR	25	11	17 25	17 26	18 34	20 35				
MR	25	23	27 08	28 13	28 14	24 05				
MR	26	05	34 20	01 19	01 27					
MR	26	23	26 18	24 19	24 27	23 29				
MR	27	05	25 18	25 17	23 17	23 27	23 31	23 32		
MR	27	11	26 15	24 10	24 26	23 27				
MR	27	17	26 14	25 26	25 29	24 28	25 23	24 22		
MR	27	23	31 03	31 12	31 18					
MR	30	05	29 28	28 37	28 37					
MR	30	23	29 26	28 30	28 36	27 40				
MR	31	05	29 15	29 24	29 28	28 40	28 46	28 49		
MR	31	23	00 00	22 01	23 04	27 06	28 05			
APR	01	23	26 18	27 22	27 21	27 18				
APR	02	11	27 08	28 19	28 18	29 22	29 28			
APR	02	23	13 22	13 25	13 28	13 37				
APR	03	05	18 16	21 13	20 25	20 24				
APR	03	11	25 18	25 25	25 44	24 53	25 21	25 15		
APR	04	05	22 15	20 11	21 17					
APR	04	11	26 20	25 17	24 29	25 29	26 27	26 23		
APR	04	23	27 32	26 29	27 47					
APR	05	05	26 28	27 32	27 41					
APR	05	23	26 20	29 27	28 32	29 17				
APR	06	05	27 25	27 27	27 30	27 36	27 38			
APR	06	23	31 20	31 27	30 35	30 37				
APR	07	05	31 21	31 21	31 30	30 35				
APR	08	23	31 04	31 04	33 12	32 09	34 08	35 09	35 10	32 09
APR	09	05	30 25	30 23	30 27	29 29	30 32			
APR	09	23	34 08	36 18	03 16	01 19	02 10	04 07	32 06	32 12
APR	10	05	09 03	30 03	30 03	29 03				
APR	10	20	26 30	26 23	26 22	27 26				
APR	10	23	25 23	26 18	26 26	27 24				
APR	11	05	31 12	32 22	31 19	30 24				
APR	12	11	15 15	16 15	16 16					
APR	12	17	13 14	14 18	14 20					
APR	13	11	13 19	15 18	14 18	13 16	13 16	12 07	15 05	14 07
APR	13	20	16 04	24 09	22 06	21 09	23 10			
APR	14	17	27 18	27 24	27 16	27 31	27 33			
APR	14	23	28 30	29 38	29 31	29 43				
APR	15	05	25 35	27 26	26 30					
APR	15	23	29 18	29 37	29 38					
APR	16	05	29 23	31 28	31 36					
APR	17	05	27 17	25 17	25 21					
APR	17	11	27 03	23 11	23 13					
APR	17	17	25 12	26 19	25 24	26 16	27 20			
APR	17	23	27 23	29 18	29 21	28 23				
APR	18	05	27 25	28 27	28 18					
APR	19	17	29 16	29 20	29 19	29 19	26 19			
APR	20	05	18 03	23 07	23 12	23 14	25 16			
APR	20	11	26 12	25 18	26 22	27 21	28 22			
APR	20	17	29 10	31 10	31 11	30 12	29 21			
APR	21	05	29 24	29 28	29 33					
APR	22	23	27 28	27 29	27 39	27 45	27 23	27 32	27 37	
APR	23	05	27 32	29 38	28 59	27 41	28 49	28 46	28 48	
APR	23	11	28 30	26 28						
APR	23	20	26 35	28 35	29 35					
APR	23	23	28 30	27 30	27 36	26 50	26 66			
APR	24	12	26 22	26 22	26 31					
APR	25	23	28 44	28 34	28 41	28 46				
APR	26	05	27 30	27 35	27 41	27 44	27 37	27 35		
APR	26	23	27 21	27 27	26 37	27 34	27 32	28 36		
APR	27	05	30 19	29 18	30 17	30 18	30 22	30 25		
APR	28	11	00 00	27 09	27 10					29 39
APR	28	22	33 13	33 13	33 16	34 20	33 21	32 21	33 22	
APR	28	23	32 16	34 15	34 19	33 19	32 23	33 22	34 25	32 22
APR	29	05	09 04	06 09	07 10	07 11	07 11	05 13	05 13	05 08
APR	29	20	17 08	19 12	19 16	18 14				
APR	29	23	17 17	18 12	18 15	19 14				
APR	30	05	17 04	19 17	20 09	20 12	19 13	19 14	18 25	
APR	30	20	14 23	18 22	18 24	18 25	17 29			
APR	30	23	17 08	18 10	18 11	17 17				
MAY	01	04	23 03	20 07	22 10	22 15	22 15	23 19	21 29	21 25
MAY	01	23	25 16	26 13	27 20	22 10				
MAY	03	05	29 30	29 24	29 37	29 47	28 47			
MAY	05	23	26 22	27 41	26 22					
MAY	06	05	25 26	26 37	26 37	26 42	25 36	25 39		

RESULTS OF PILOT BALLOON OBSERVATIONS AT MACQUARIE ISLAND YEAR 1952										
TABLE 46 CONTD.										
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
MAY	06	11	28 20	26 30	28 33	27 27	27 27			
MAY	07	11	25 28	26 15	23 17					
MAY	07	17	27 20	29 18	29 27	29 24	29 26			
MAY	07	23	31 28	31 32	31 39					
MAY	08	05	30 28	31 27	31 43					
MAY	08	17	32 20	34 23	33 25					
MAY	08	23	32 30	32 31	32 44					
MAY	09	11	00 00	27 02	26 05	24 09	24 13	24 17	25 13	26 12
MAY	09	17	29 10	29 19	27 13					
MAY	10	05	29 27	29 24	29 34	28 50				
MAY	11	00	25 25	25 31	25 36					
MAY	12	05	26 28	25 16	24 31					
MAY	12	11	25 12	26 08	24 16	23 36				
MAY	13	11	25 12	24 13	23 24					
MAY	13	17	24 12	23 08	23 27					
MAY	14	11	17 02	18 09	18 13	19 15	20 18	20 21		
MAY	15	23	25 06	25 09	24 11	19 09				
MAY	15	23		21 04	21 06					
MAY	16	11	00 00	00 00	20 06	18 09				
MAY	16	22	12 06	13 08	14 07	21 06	21 06	22 04	19 05	18 03
MAY	17	05	11 03	13 08	12 09	05 04	26 04	22 05	26 04	31 02
MAY	17	10	11 07	11 05	07 07	31 01	30 01	29 03		
MAY	18	23	15 10	15 16	15 20	17 10	21 03	18 04	19 08	21 03
MAY	19	05	14 08	17 12	17 15					
MAY	19	11	00 00	22 03	27 05	28 05	29 06			
MAY	19	17	29 07	30 06	32 06	31 14				
MAY	20	17	19 10	19 13	19 13	20 14				
MAY	20	23	00 00	19 11	21 12	21 13				
MAY	21	05	25 03	26 09	25 16	25 17	25 13	25 11	25 13	25 15
MAY	21	11	30 09	31 07	30 08	29 10	30 15	29 14	29 16	
MAY	21	17	23 16	26 19	25 20	26 21	27 32	27 28		
MAY	22	05	18 12	19 14	19 20	19 25	18 17	19 20	19 26	18 30
MAY	22	17	18 11	20 06	21 13	20 10	22 19			
MAY	22	23	22 04	25 03	25 08	23 13				
MAY	23	05	28 10	27 12	24 13	24 23	23 17			
MAY	23	11	23 03	28 09	21 18		23 12			
MAY	23	23	15 22	15 25	16 18	15 25				
MAY	24	05	15 28	15 22	15 31					
MAY	25	11	13 10	13 14	11 17	10 18	09 19	09 18	09 14	10 11
MAY	27	23	16 12	17 16	17 18	17 15	18 12	18 15		
MAY	28	01	16 10	17 08	19 09	20 17	20 16	20 15	19 14	19 15
MAY	28	23	12 22	13 29	12 17					
MAY	29	05	14 20	15 16	15 19					
MAY	29	11	17 14	17 11	17 17	17 13				
MAY	29	19	17 05	18 08	19 10	20 19	21 18	21 20		
MAY	29	23	21 05	23 11	23 17	23 16	23 14			
MAY	30	05	23 10	22 09	22 20	22 34	22 26			
MAY	30	11	25 08	25 07	24 13	23 13	23 16			
MAY	30	23	23 16	24 22	24 33					
MAY	31	05	25 16	25 12	25 24	25 28	25 28			
MAY	31	18	31 05	31 08	30 10	29 16	30 20	29 21	29 23	
MAY	31	23	29 13	31 15	31 17					
JUN	01	04	00 00	34 06	34 04	34 08	30 08			
JUN	01	11	35 16	01 10	01 15	02 14	02 12			
JUN	01	23	07 10	06 16	06 18					
JUN	04	11	36 20	01 22	36 26	35 31	35 35			
JUN	05	17	00 00	03 01	21 02	25 06	26 06	28 05	26 09	33 11
JUN	05	23	23 06	22 07	19 04	24 04	23 02	23 03	22 02	29 04
JUN	06	11	27 04	26 13	26 12	26 10	20 04	25 10	29 07	29 05
JUN	06	17	25 04	27 08	27 07					
JUN	06	23	24 02	27 08	26 10	24 09				
JUN	07	05	22 01	27 03	21 04					
JUN	07	11	22 08	23 09	21 04	21 11	21 16	22 13	23 15	22 11
JUN	07	19	24 09	25 15	23 20					
JUN	07	23	24 22	24 27	23 22					
JUN	09	05	17 01	21 08	20 06	20 09				
JUN	09	12	16 05	15 09	15 11	18 12	19 08	19 12		
JUN	09	18	16 12	17 14	17 16	17 17	17 14	18 14	17 16	17 18
JUN	10	05	15 25	15 23	15 16					
JUN	10	23	00 00	19 05	18 04					
JUN	11	05	00 00	21 04	24 04					
JUN	11	12	30 10	30 13	29 13	29 17	30 12	29 07	29 09	29 09
JUN	11	17	30 17	31 17	30 16					
JUN	11	23	30 24	30 23	30 28					
JUN	12	11	26 10	26 14	26 14	26 06				
JUN	12	17	28 12	28 15	28 22	28 27	28 22			
JUN	12	23	29 28	30 27	30 41	30 32	28 22			
JUN	14	23	28 30	28 35	28 35					
JUN	15	05	25 22	26 18	25 38					

RESULTS OF PILOT BALLOON OBSERVATIONS AT
MACQUARIE ISLAND YEAR 1952

TABLE 46 CONTD.

MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
JUN	16	17	19 12	18 15	21 10	21 18				
JUN	16	23	21 05	23 06	23 07	21 16				
JUN	17	04	25 11	26 07	25 10	25 23	22 20	23 30	21 17	22 29
JUN	17	11	26 25	26 29	27 33					
JUN	17	23	27 35	26 35	26 33					
JUN	20	11	29 27	29 31	29 36					
JUN	21	05	18 08	18 11	19 06					
JUN	21	11	17 04	18 09	19 14	19 12				
JUN	21	22	00 00	16 05	17 06	17 06				
JUN	22	05	00 00	36 12	01 12	02 07	02 10			
JUN	22	10	34 15	01 08	01 09					
JUN	22	23	31 11	31 14	31 17	32 28	32 26			
JUN	23	11	33 24	34 25	34 32					
JUN	23	18	29 35	32 16	32 26					
JUN	24	04	33 28	35 23	35 33					
JUN	24	21	28 30	28 34	28 54					
JUN	24	23	29 33	29 30	28 23	28 33				
JUN	25	05	28 25	28 29	28 35					
JUN	25	11	29 21	29 17	28 22					
JUN	25	17	29 10	31 12	31 12	30 12	30 15			
JUN	25	23	13 08	15 13	13 14	09 15	07 17	05 18	06 18	03 12
JUN	26	19	16 17	17 17	18 14	17 17	17 19			
JUN	26	23	17 03	17 08	17 10	17 17	16 21	17 15		
JUN	27	05	16 02	19 09	19 06	23 06	26 05	29 05		
JUN	27	11	34 11	35 18	34 19	34 18	33 29			
JUN	27	18	34 22	35 18	35 26	35 44	34 38			
JUN	27	23	34 15	35 24	36 32					
JUN	30	18	29 05	31 10	31 10					
JUN	30	23	28 10	29 18	29 23	29 19	29 12	29 12	28 15	28 19
JUL	01	12	18 16	19 21	19 27	19 27	19 29			
JUL	01	17	18 10	20 14	19 16	19 20	18 23	18 21	17 25	17 28
JUL	01	23	00 00	00 00	00 00	27 02	12 04	22 04	20 03	19 05
JUL	02	00	00 00	09 02	03 01	33 01	22 03	30 08	22 02	22 03
JUL	02	05	33 12	33 12	34 13	33 17	32 16	31 18	31 18	32 16
JUL	03	11	34 18	35 25	34 09	34 36	33 36			
JUL	03	18	35 20	36 18	36 31					
JUL	03	23	35 20	36 22	01 35					
JUL	06	18	28 05	29 09						
JUL	06	21	25 04	27 09	27 11					
JUL	07	05	29 20	29 22	28 26	27 28				
JUL	07	12	29 20	29 24	29 31					
JUL	08	23	27 28	27 20	27 33	28 39	27 30			
JUL	09	05	27 20	28 18	28 27	27 33	28 35	27 29	27 30	27 27
JUL	09	11	32 18	33 19	33 23	32 39	32 38	32 31	32 29	
JUL	10	05	28 24	28 33	27 35	27 34	27 39	27 51	28 41	
JUL	10	17	26 23	26 21	26 20	25 23	25 36	25 40		
JUL	10	23	30 05	31 09	32 09	31 06				
JUL	11	04	32 10	33 14	33 16	33 17	31 16	33 17	34 17	33 17
JUL	11	05	33 14	35 18	34 22					
JUL	11	11	34 20	35 18	36 24	35 29				
JUL	11	21	34 22	35 21	35 32					
JUL	11	23	34 23	36 24						
JUL	12	18	25 18	26 28	26 26	26 28	27 31	26 33	27 29	27 30
JUL	12	23	29 15	29 20	28 20	28 23	27 23	27 27		
JUL	13	01	30 20	30 20	30 22	30 26	29 29	29 35	29 39	29 29
JUL	13	03	30 22	31 24	30 30	29 33	28 35	28 47	28 34	
JUL	13	11	30 24	30 24	29 37					
JUL	14	05	30 20	30 20	30 31	30 32				
JUL	14	11	29 20	30 23	30 20					
JUL	15	23	27 20	27 21	27 30	27 41	27 33	26 33	27 49	27 46
JUL	16	04	27 28	28 32	27 37	27 45	27 47	27 50	27 48	27 53
JUL	16	17	27 20	27 24	27 36	27 17	28 17			
JUL	16	23	31 14	31 19	31 23	31 19	28 18	28 23	29 34	
JUL	18	05	34 17	36 26	35 24					
JUL	19	05	26 37	27 41	22 19	22 37				
JUL	19	23	29 25	29 28	28 39					
JUL	20	11	27 28	27 29	27 39					
JUL	20	18	26 20	26 24	25 31	26 24				
JUL	20	23	30 22	30 17	29 18	31 20	31 21			
JUL	22	04	30 27	31 25	31 38					
JUL	23	21	26 27	26 21	25 32	25 49				
JUL	23	25	25 34	26 30	25 33					
JUL	24	05	25 30	25 19	24 43	23 48				
JUL	24	11	26 25	28 24	27 35	26 20	26 29			
JUL	25	05	24 10	24 06	24 15					
JUL	26	19	23 15	23 16	23 24					
JUL	26	23	25 23	26 23	26 19					
JUL	27	23	26 25	27 30	26 30					
JUL	28	05	27 17	28 24	27 25	26 21	26 21			
JUL	28	11	29 20	30 24	29 21	28 26	27 32			
JUL	28	17	29 30	29 27	29 42	29 33				

RESULTS OF PILOT BALLOON OBSERVATIONS AT
MACQUARIE ISLAND YEAR 1952

TABLE 46 CONTD.

MONTH	DAY	HOUR	SURFACE WIND		150 METRES		300 METRES		600 METRES		900 METRES		1200 METRES		1500 METRES		1800 METRES		
JL	28	23	30	24	31	32	31	35	30	43									
JL	29	04	31	18	31	26	30	31	29	49			29	50	29	36	29	42	
JL	29	11	31	22	32	25	31	35	30	39		30	35						
JL	30	23	26	10	26	14	26	13	25	15									
JL	31	05	27	15	27	14	27	19	28	19		28	17						
JL	31	11	28	21	28	22	29	20											
JL	31	23	30	30	31	36	30	38											
AG	01	21	27	21	27	22	27	31											
AG	02	02	30	20	31	26	30	31											
AG	02	05	29	20	29	27	29	31	29	41		28	44						
AG	02	23	30	32	30	29	30	37											
AG	03	10	00	00	27	03	26	06	29	07									
AG	04	03	28	30	28	23	27	37			26	44	26	55	26	56			
AG	04	05	29	32	29	27	28	30											
AG	05	05	22	20	24	29	23	26											
AG	05	11	26	16	26	21	26	36	26	23		27	26	27	21				
AG	05	23	29	18	28	33	28	41	28	50		28	41						
AG	06	05	28	28	28	35	27	42	28	50		28	47						
AG	06	11	29	28	28	31	28	31											
AG	06	17	27	24	27	29	27	40	27	36									
AG	07	05	29	24	29	27	29	36	29	37									
AG	07	11	29	20	29	24	29	27	29	31									
AG	08	05	32	23	34	25	34	31											
AG	08	11	34	23	34	24	36	36	35	34									
AG	08	18	35	24	35	27													
AG	08	23	35	28	01	20	01	34											
AG	09	12	35	14	03	16	03	16											
AG	09	17	01	15	03	15													
AG	10	05	33	30	34	30	34	35											
AG	10	11	33	14	33	19	33	23	33	33		33	35	33	44				
AG	11	05	29	30	29	31	29	38	29	35		29	43	29	38	29	42		
AG	11	11	25	22	26	23	26	27											
AG	11	23	30	22	30	26	30	29	31	32		31	37	31	43				
AG	12	01	31	24	31	27	31	34	31	32		31	30	31	27	30	30	31	33
AG	12	11	27	14	28	24	28	17	28	19									
AG	12	17	29	23	29	26	29	37	30	26									
AG	12	23	30	25	31	27	30	32	30	42									
AG	13	05	29	30	29	31	29	41											
AG	13	11	25	18	25	21	25	41											
AG	13	21	28	17	28	20	28	21	29	14		29	25	28	22				
AG	13	23	30	20	31	28	30	34	30	22		31	27	30	29				
AG	14	11	14	27	16	19	16	15	17	28									
AG	14	18	30	08	31	11	31	13	30	12		52	09						
AG	15	17	27	12	29	15	29	17	29	19									
AG	16	02	31	22	31	28	30	36	30	44									
AG	16	05	31	30	31	36	31	49	30	60		30	78						
AG	17	10	28	23	29	25	29	29	29	18		27	18						
AG	17	17	30	20	29	19	30	26	30	23									
AG	18	11	31	19	31	26	31	38											
AG	18	17	32	27	34	29	34	40											
AG	19	04	30	10	31	19	31	26											
AG	19	11	31	08	31	14	31	17											
AG	19	23	32	07	34	14	33	18	33	18		32	17	32	16	33	15		
AG	20	05	30	05	30	14	29	15											
AG	20	11	32	06	31	09	29	13	29	16		31	19						
AG	20	19	30	10	30	12	31	13											
AG	20	23	34	10	35	17	34	20	33	23									
AG	21	05	33	16	34	21	33	23	32	31									
AG	21	11	34	15	35	20	34	27	33	26		31	25						
AG	22	02	32	20	32	25	31	35	30	37									
AG	22	04	30	15	31	23	30	31	29	24									
AG	22	11	31	12	31	17													
AG	23	05	33	27	35	28													
AG	24	05	34	14	35	17	35	31											
AG	24	23	20	10	20	19	20	22											
AG	25	05	17	10	18	11	20	12	19	13									
AG	25	11	18	05	20	07	21	11	21	10									
AG	25	19	00	00	24	05	20	05	22	09		21	12						
AG	25	23	36	02	36	03	01	02	21	07		22	07						
AG	26	05	00	00	36	07	01	06	01	01									
AG	26	11	00	00	36	07	01	07	36	06		03	03						
AG	26	19	00	00	19	05	18	06	16	06		06	04			33	10		
AG	27	00	00	00	15	08	15	06	16	07									
AG	27	05	00	00	15	04	17	16	19	06		24	13						
AG	27	11	00	00	29	09	28	10	29	09		24	19	24	18	25	15	27	13
AG	27	17	27	09	27	12	27	15											
AG	27	22	29	13	31	18	31	21											
AG	28	05	33	24	33	25	32	34	30	24		29	25	29	28	30	27	30	24

RESULTS OF PILOT BALLOON OBSERVATIONS AT MACQUARIE ISLAND YEAR 1952										
TABLE 46 CONTD.										
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
Aug	28	18	27 16	27 23	27 23	27 26	27 30	28 34	29 41	
Aug	28	23	27 10	27 17	27 19	27 15	28 18			
Aug	29	02	29 05	32 08	32 07	32 12	32 16	30 16	29 14	
Aug	29	05	34 05	36 08	02 12	01 18				
Aug	29	23	33 29	34 30	34 41					
Aug	30	05	33 25	33 25	32 38	31 54				
Aug	30	11	29 33	29 39	29 25	28 37				
Aug	31	21	32 35	33 35	33 41	32 50				
SEP	01	00	31 39	33 38						
SEP	01	19	32 07	32 14	31 19					
SEP	02	02	25 06	25 08	24 16	26 19	27 18	26 19	27 19	27 19
SEP	02	05	24 05	24 13	23 19	21 06	22 05	24 15		
SEP	02	11	00 00	15 05	11 07	10 05	10 03	10 05	04 04	36 05
SEP	02	16	25 08	24 13	22 10	19 04	20 08	21 10	24 13	25 17
SEP	03	17	09 10	09 20	08 18	08 22	07 39			
SEP	03	21	30 28	31 27	31 27					
SEP	04	11	26 15	27 18	26 24	25 27	26 20			
SEP	04	19	02 05	01 11	35 09					
SEP	05	11	33 13	33 21	32 27					
SEP	05	15	34 13	34 21						
SEP	05	23	34 12	35 19	34 26	33 22				
SEP	06	04	34 08	35 13	35 21	33 22				
SEP	06	18	36 12	36 21	35 25					
SEP	06	23	35 11	35 23	35 31					
SEP	07	05	33 16	34 19	34 27					
SEP	07	12	30 26	30 45	30 34					
SEP	07	20	29 23	30 21	30 25	29 40				
SEP	08	05	34 18	35 19						
SEP	08	11	32 25	33 32	33 35	32 45				
SEP	08	17	32 31	33 32	34 33	35 36				
SEP	08	23	31 20	31 24	31 33	30 36	29 41	29 44		
SEP	09	05	27 23	27 24	28 35	27 37	27 37	27 35		
SEP	09	11	29 18	29 19	29 22	31 21	30 21	27 16		
SEP	09	18	32 21	32 23	32 26	32 37	30 28			
SEP	09	23	29 28	28 26	28 35	28 47				
SEP	10	11	32 27	33 28	33 35					
SEP	10	23	29 15	28 14	28 16	28 23	28 22			
SEP	11	05	30 20	30 24	30 26	30 26	30 27			
SEP	13	05	29 18	30 23	29 30	29 26	29 31	28 36		
SEP	13	12	26 20	25 24	26 36	29 25				
SEP	13	19	00 00	26 07	26 09	26 14	27 15	28 20	27 19	27 16
SEP	13	23	00 00	30 05	29 04	29 06	30 12	31 17		
SEP	14	05	34 05	32 07	32 08	31 07	29 21	29 23	28 20	27 24
SEP	14	11	36 14	36 18	35 22	34 23	34 24	34 26	33 24	34 24
SEP	14	23	30 18	29 26	29 31	28 50	28 40			
SEP	15	04	29 22	28 19	28 26	28 38	27 40	27 41	27 49	
SEP	15	11	32 20	31 21	31 28					
SEP	15	18	34 14	34 20	34 24	33 38	32 36	31 32	32 27	
SEP	17	22	31 20	31 17	31 18	32 27	30 32	30 33	30 33	31 33
SEP	18	05	29 26	29 22	29 27	28 32	28 47	28 43		
SEP	18	11	28 14	28 17	28 18	28 21	28 22	28 23	29 25	29 25
SEP	18	17	00 00	33 04	32 07	31 12	30 16			
SEP	18	23	36 08	36 17	35 20	35 20	35 18			
SEP	19	04	34 12	01 10	36 19	36 26	36 32	36 30	35 25	35 21
SEP	20	23	29 24	30 25	29 32	29 37	28 35	28 34	28 36	
SEP	21	05	31 05	31 09	31 16	28 26	29 22	28 17	28 19	28 19
SEP	21	19	32 14	32 16	32 19	32 27	31 29	31 28	30 26	30 31
SEP	22	02	28 24	29 28	28 31	28 33	28 42	28 44		
SEP	22	04	30 24	31 20	31 23	30 27	30 31	30 36	30 35	30 35
SEP	22	11	29 18	29 18	29 15					
SEP	22	20	28 20	28 21	27 23	27 32	27 29	27 30		
SEP	22	23	26 19	26 19	26 21					
SEP	23	05	23 08	24 12	22 22					
SEP	23	17	19 10	22 07	23 18					
SEP	23	23	26 15	26 17	25 18					
SEP	25	00	30 14	30 19	29 28	28 33	29 29	28 34	28 37	27 37
SEP	25	23	00 00	08 03	09 05	12 04	28 04			
SEP	26	00	00 00	06 06	07 08	07 07	33 08	36 09	30 30	29 31
SEP	26	17	29 23	30 26	29 30	29 40				
SEP	26	23	27 15	27 23	28 27	28 31				
SEP	27	05	34 12	35 13	33 14	31 21	31 27	31 32	32 30	32 34
SEP	27	12	28 22	28 27	28 39	28 35	27 37			
SEP	27	23	26 30	27 28	27 37	27 50	27 48	26 47		
SEP	28	04	29 30	30 26	29 22	29 44	28 48			
SEP	28	23	28 30	28 35	28 32	28 37				
SEP	29	05	29 18	29 22	29 29	29 36				
SEP	29	11	29 20	29 27	28 28	28 35	29 41	29 47	29 38	29 46
SEP	29	17	31 17	31 26	31 30	30 31	29 35			
SEP	29	23	31 15	31 23	31 30	30 40				

RESULTS OF PILOT BALLOON OBSERVATIONS AT MACQUARIE ISLAND YEAR 1952										
TABLE 46 CONTD.										
MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
SEP	30	05	28 25	27 30	27 47	27 52	27 52			
SEP	30	12	31 22	31 24	31 37	30 40	30 39	29 38		
SEP	30	23	29 24	28 29	28 35	28 48	27 51			
OCT	01	05	28 28	29 34	28 31	28 47	28 49			
OCT	01	11	29 18	29 24	29 28	29 35	28 35			
OCT	02	17	18 05	21 06	22 07	22 12	23 18	25 21	27 13	30 14
OCT	02	23	15 20	16 26	16 26	14 17				
OCT	03	21	23 03	24 15	23 34					
OCT	03	23	25 05	27 10	23 04	24 13	25 13	24 11		
OCT	04	04	31 05		32 11	32 11	31 13	30 17	28 22	28 24
OCT	04	10	25 05	27 17	26 16	26 26	26 21	26 20	26 24	
OCT	04	18	27 05	28 15	28 14	28 16	28 16	28 17	27 21	27 18
OCT	04	23	27 22	27 27	27 27	27 33	26 33			
OCT	05	05	30 12	31 17	31 23	30 23	30 24	30 30	30 31	
OCT	05	23	27 27	26 36	26 18	27 20	27 21			
OCT	06	05	26 25	27 28	26 35	25 31				
OCT	06	11	25 05	26 06	23 09	24 17	25 18	26 18	25 17	26 28
OCT	06	17	33 07	34 14	34 13	34 16	34 14	31 15	31 19	
OCT	07	11	29 32	29 29	29 32	29 40	29 52			
OCT	07	18	28 32	28 27	27 32	28 34	28 37			
OCT	07	23	28 35	28 42	28 51	28 59	29 48			
OCT	08	05	26 33	26 37						
OCT	08	11	25 15	25 15	25 38	24 29	25 23	25 23	25 24	
OCT	08	17	26 16	25 24	27 20	27 18	27 18	26 15		
OCT	08	23	31 08	31 10	32 11	30 17				
OCT	09	05	31 10	32 18	32 18	32 21				
OCT	09	21	17 15	19 11	19 16	20 22				
OCT	09	23	18 18	19 20	20 31	21 34				
OCT	10	05	17 14	18 22	19 21	20 11	20 14			
OCT	10	11	16 10	16 16	17 14	18 10				
OCT	10	18	14 23	17 19	17 15					
OCT	10	23	16 28	17 23	17 30	18 33	18 42			
OCT	11	05	16 23	17 25	17 30	18 18	17 22			
OCT	11	13	16 16	17 15	16 10	16 11				
OCT	11	18	12 12	14 12	13 13					
OCT	11	23	12 12	12 11	12 10					
OCT	12	05	09 10	08 23	09 06					
OCT	12	11	10 12	10 16	09 21	05 26				
OCT	13	12	30 11	31 17	30 21	29 16	30 18			
OCT	14	11	00 00	00 00	00 00	20 03	20 08	21 12	23 16	
OCT	14	18	16 03	17 09	18 12	18 13	19 13			
OCT	15	02	16 07	17 10	17 13					
OCT	15	05	14 02	14 07	17 06	20 07	20 11	17 20		
OCT	15	11	34 02	35 08	35 08	36 08	34 09	31 05		
OCT	17	05	29 37	29 46	29 51	29 61				
OCT	17	18	25 28	25 21	26 39	25 33				
OCT	17	23	29 25	29 31	28 36	28 47	28 45	28 43		
OCT	18	11	28 25	28 24	27 30	27 31	27 29			
OCT	18	18	31 25	31 24	31 34	31 42	30 37			
OCT	20	04	28 14	26 18	25 20	23 25	25 23	24 32	25 20	25 28
OCT	20	11	00 00	00 00	29 03	28 12	28 11	27 13	27 12	27 11
OCT	20	18	34 10	36 15	35 16	35 19	35 25			
OCT	20	22	27 15	27 13	26 23	26 27	26 27	26 27	26 28	
OCT	20	23	35 23	35 22						
OCT	21	22	26 15	25 17	25 23	26 23	26 23	27 23	29 22	
OCT	22	05	27 17	26 26	26 34	26 24	27 21			
OCT	22	23	28 14	26 19	26 25					
OCT	23	23	27 22	26 21	25 31	26 33	26 29	26 22	25 27	26 45
OCT	24	21	26 20	24 12	23 20	23 16				
OCT	24	23	26 22	26 40	21 05	23 26	24 30			
OCT	25	04	26 26	26 39						
OCT	25	23	26 33	25 22	25 35	24 27				
OCT	26	05	26 28	26 22	24 50					
OCT	26	18	26 25	26 38	26 36	26 25				
OCT	26	23	27 23	27 35	26 36	26 31				
OCT	27	05	27 22	26 32	26 34	25 33				
OCT	28	05	26 25	27 21						
OCT	29	11	25 12	25 11	24 17					
OCT	29	18	22 03	23 05	22 07					
OCT	29	23	25 10	25 04	23 08	23 17				
OCT	30	05	28 05	28 05	23 03					
OCT	30	11	23 02	22 07	22 16	22 13				
OCT	30	18	18 05	18 08	19 13	19 17				
OCT	30	23	14 12	13 13	15 13	15 17	17 17			
OCT	31	05	13 09	16 18	16 16	15 11	16 10			
OCT	31	11	10 05	13 07	12 07	12 09				
OCT	31	18	00 00	35 02	35 03	36 04				
OCT	31	23	34 08	34 10	34 12	32 10				

RESULTS OF PILOT BALLOON OBSERVATIONS AT
MACQUARIE ISLAND YEAR 1952

TABLE 46 CONTD.

MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
NOV	01	05	31 15	32 18	32 15	31 18				
NOV	01	23	27 10	26 11	24 24					
NOV	02	05	16 20	17 21	18 22	19 12	23 16			
NOV	02	12	16 05	18 08	17 09	17 11	17 08			
NOV	02	17	00 00	20 05	19 07	21 10	22 18			
NOV	02	23	00 00	23 01	29 01	29 01				
NOV	03	05	28 03	28 06	24 07	24 09				
NOV	03	11	00 00	25 04	23 07	22 10	23 11			
NOV	03	17	00 00	23 04	24 07	23 12				
NOV	03	23	19 02	20 05	21 03					
NOV	04	04	15 03	15 04	15 06	18 06	15 08	14 09	15 08	14 09
NOV	04	17	00 00	34 08	35 06					
NOV	04	22	05 01	08 03	06 03					
NOV	05	05	27 04	25 11	26 08	23 05	21 05			
NOV	05	11	00 00	21 02	20 03	19 04				
NOV	05	17	19 05	19 10	19 14	19 13				
NOV	05	23	00 00	33 04	33 05	31 05	31 05			
NOV	06	00	16 15	18 22	17 20	17 18				
NOV	06	05	16 10	17 09	18 12	17 12				
NOV	06	12	16 06	15 11	16 12	16 08	17 09			
NOV	06	18	00 00	21 07	18 08	18 10	19 10			
NOV	06	23	23 02	23 07	22 08	23 09	23 12			
NOV	07	05	26 08	26 11	24 12	22 07	20 13	20 09	20 08	
NOV	07	11	29 03	29 06	29 06	28 08	28 11	28 12	28 09	
NOV	07	18	27 05	27 14	27 13	27 18	26 19			
NOV	07	23	27 10	27 19	25 26	27 20	25 08	21 09	23 13	23 17
NOV	08	05	27 10	26 09	22 13	23 30	23 23	25 21	25 25	
NOV	08	12	27 25	26 33	25 33					
NOV	08	19	24 20	23 12	24 26	23 26				
NOV	08	23	25 13	25 07	23 16	23 24				
NOV	09	05	21 12	22 08	22 22	22 29				
NOV	09	10	20 10	23 07	21 14	22 26	22 24			
NOV	09	21	19 10	21 08	22 09	22 25	22 19			
NOV	10	01	20 08	21 08	21 20					
NOV	10	05	18 10	18 15	19 09	20 17	20 21	20 23		
NOV	10	12	27 13	27 14	26 24	25 19				
NOV	10	18	20 10	23 21	23 20					
NOV	10	23	20 15	22 08	22 14	21 21				
NOV	11	05	21 05	21 03	23 05					
NOV	11	11	27 09	26 15	26 16	27 14				
NOV	12	21	26 15	26 15	26 15	26 20	25 26			
NOV	12	23	27 15	27 17	27 27	28 24	28 25			
NOV	13	04	29 23	29 30	29 37	29 32	29 34	29 30	29 32	28 41
NOV	13	11	29 19	29 17	29 21	28 30	28 29	28 35	29 28	
NOV	13	18	30 28	31 45	31 65	30 35				
NOV	13	23	30 25	30 29	30 35					
NOV	14	05	30 20	31 27	30 38	29 47	29 44			
NOV	14	18	28 18	28 25	29 33	29 37	29 34			
NOV	14	23	32 13	32 20	33 26	32 32	31 35	31 39		
NOV	15	10	32 20	33 23	33 35					
NOV	16	23	19 12	20 13	20 15					
NOV	17	04	19 06	19 08	20 10	21 14	21 18	22 14	23 18	23 23
NOV	17	11	00 00	19 04	19 09	19 10	21 13	20 09	21 10	22 11
NOV	17	18	13 08	15 10	15 08	18 09	20 09	19 09	20 07	22 03
NOV	17	23	13 09	14 15	15 14	15 13	16 11	17 17	19 19	18 11
NOV	18	04	13 12	14 15	15 17	16 19	16 14	18 13	18 11	16 13
NOV	18	11	13 09	13 16	13 13	11 14	14 08	14 13	15 11	
NOV	18	18	13 15	14 15	14 13	11 15				
NOV	18	23	09 03	10 10	10 10	10 15	10 12	10 18		
NOV	19	04	09 03	09 05	09 10	09 10			23 06	
NOV	19	21	00 00	04 07	04 10	03 09	01 29			
NOV	19	23	29 03	29 03	27 07					
NOV	20	05	23 05	22 05	23 16	22 18				
NOV	20	11	20 08	20 09	21 19					
NOV	20	18	24 10	24 13	24 40					
NOV	20	23	24 10	27 09	24 11					
NOV	21	05	27 08	27 16	27 20	25 16				
NOV	21	11	30 03	31 08	30 10	28 09	29 08			
NOV	21	18	00 00	33 07	33 14	33 15	31 13			
NOV	22	00	34 02	35 12	34 13	36 10	35 11	33 09	31 08	32 11
NOV	22	05	36 04	36 11	36 10					
NOV	22	23	14 08	15 12	11 15	11 19	12 15	11 06		
NOV	23	05	15 10	15 14	14 16	12 11	13 14	14 14	17 08	21 06
NOV	23	19	14 11	14 16	14 16	15 18	22 11			
NOV	23	23	12 04	14 10	13 09	24 09	27 07			
NOV	24	04	00 00	29 05	31 09	26 08	28 11	30 07	28 07	28 09
NOV	24	11	33 11	34 18	33 19	30 16				
NOV	24	18	31 22	32 22	32 29	32 24				
NOV	24	23	33 25	34 27	34 40	33 45	33 46			
NOV	25	05	32 29	34 25	34 36	33 48				
NOV	26	04	31 01	32 03	33 04	25 02	30 05	29 08	32 22	31 27

RESULTS OF PILOT BALLOON OBSERVATIONS AT
MACQUARIE ISLAND YEAR 1952

TABLE 46 CONTD.

MONTH	DAY	HOUR	SURFACE WIND	150 METRES	300 METRES	600 METRES	900 METRES	1200 METRES	1500 METRES	1800 METRES
NOV	28	23	27 07	27 09	28 17	29 14				
NOV	29	05	17 20	18 23	19 32					
NOV	29	11	16 20	17 30	17 33	18 41				
NOV	29	17	17 10	17 12	17 17	15 14				
NOV	29	23	14 05	15 08	15 08	14 06	13 05	13 09	14 11	17 09
NOV	30	04	13 03	13 05	14 07	13 05	14 04	11 05	14 05	15 04
NOV	30	11	00 00	06 03	05 03	02 03				
NOV	30	18	30 08	31 12	30 11	29 15	30 11			
NOV	30	23	31 11	32 11	31 10	30 13				
DEC	01	04	30 18	30 19	30 20	29 20	27 17	26 14	25 16	24 18
DEC	01	11	29 13	29 19	28 20					
DEC	02	18	26 12	25 10	25 24	25 16				
DEC	02	23	26 19	26 20	26 19	25 05				
DEC	03	04	26 20	26 23	26 25	26 23	26 23	25 35	25 42	25 45
DEC	03	10	27 15	27 21	27 25	27 10	26 24	26 40		
DEC	04	05	29 14	30 20	29 21					
DEC	05	05	10 08	11 10	11 10					
DEC	05	10	13 12	14 17	14 16					
DEC	05	18	12 22	12 15	11 21					
DEC	05	23	11 20	11 20	10 28					
DEC	06	23	10 07	08 15	07 19					
DEC	09	04	23 08	23 10	24 10	23 16	23 20	23 08	25 16	25 25
DEC	09	11	26 07	28 13	28 15	27 14				
DEC	09	19	31 04	32 09	31 14	30 18	28 12	27 12	30 10	29 13
DEC	10	05	31 08	30 14	30 23	30 19	31 15			
DEC	11	18	30 20	31 21	30 25	29 34				
DEC	11	23	30 20	31 23	30 29					
DEC	12	04	30 19	30 24	30 30	29 38	29 38	30 40	29 40	29 38
DEC	12	11	29 20	30 19	29 25	30 28	29 38			
DEC	12	17	31 09	31 15	29 18	28 23	29 23	29 24	30 23	
DEC	13	04	33 16	34 25	35 29	34 32	33 29	33 32	33 35	33 39
DEC	13	18	32 13	35 18	34 23					
DEC	13	23	32 12	33 15	33 19	32 21	32 21	31 23	31 24	31 25
DEC	14	05	26 04	26 05	23 10					
DEC	14	11	23 06	24 08	23 19	23 17	22 16			
DEC	14	18	26 22	26 16	24 21					
DEC	14	23	28 21	29 26	28 32	28 26	27 25	27 27		
DEC	15	05	28 21	29 25	28 32					
DEC	15	23	31 27	32 25	31 37	30 50				
DEC	17	04	25 08	25 09	25 08	22 09	22 10	24 14	26 18	29 21
DEC	17	10	27 06	27 14	26 15	27 13	28 11	29 10	27 12	26 17
DEC	17	23	28 17	29 19	30 18	29 19	29 14	27 20		
DEC	18	04	28 19	29 20	29 26	28 30	28 35	27 34	27 32	26 25
DEC	18	11	28 12	28 17	28 23					
DEC	19	05	27 06	28 09	27 14					
DEC	19	23	27 05	26 19	28 06	25 17				
DEC	20	05	30 06	32 10	30 08	25 09	29 11	29 14	29 15	
DEC	20	12	00 00	29 04	29 06	31 08				
DEC	20	19	35 02	01 07	01 03					
DEC	21	10	00 00	03 04	03 11					
DEC	22	04	29 02	30 10	36 20	35 14	35 19	35 19	33 15	33 13
DEC	22	12	30 13	31 18	29 20	30 28	30 28	30 21	31 22	
DEC	22	23	30 12	31 18	30 23	30 27	29 28	29 31	30 32	
DEC	23	05	32 25	34 27	33 35					
DEC	23	10	29 23	30 23	29 27	28 36	28 33			
DEC	23	19	31 15	31 19	31 25	29 34				
DEC	23	23	32 20	32 22	30 33	29 36				
DEC	24	04	31 14	31 20	31 26	30 28	30 31	30 33	30 29	30 28
DEC	24	10	31 15	33 18	31 22	31 24	30 24	30 21	30 21	30 23
DEC	27	05	29 27	29 27	28 37	28 38	28 41			
DEC	27	10	30 15	32 21	31 28					
DEC	27	23	32 29	35 28	34 42					
DEC	28	17	32 21	34 24	31 35	31 38	31 34			
DEC	29	04	32 18	32 20	32 24	31 30	31 30	31 31	31 30	31 39
DEC	28	23	32 20	33 24	31 28	32 31	32 30	31 29	31 30	31 32
DEC	29	18	32 12	32 16	31 17	30 23	30 27			
DEC	29	23	26 19	27 22	26 25	26 23	26 19	26 16		
DEC	30	04	25 19	26 22	25 21	26 35	26 28	26 20	25 25	27 23
DEC	30	11	23 10	24 10	23 18	24 19	24 17	25 17	25 18	
DEC	30	17	26 13	28 16	27 16	27 18	27 19	26 18	26 22	
DEC	30	23	29 15	30 18	30 16	29 19	29 21			
DEC	31	04	29 18	30 20	33 21	32 31	31 30	30 29	31 27	30 27
DEC	31	18	28 14	29 19	29 23	28 25	29 29			
DEC	31	25	29 09	31 13	30 16	30 19	29 15	29 20	30 21	29 24

RESULTS OF PILOT BALLOON OBSERVATIONS AT
MACQUARIE ISLAND YEAR 1952

TABLE 46 CONTD.

MONTH	DAY	HOUR	2100 METRES	2400 METRES	3000 METRES	3600 METRES	4500 METRES	5400 METRES	6000 METRES	7500 METRES	9000 METRES
JAN	10	08	29 27	29 29	29 33	29 33	29 37	29 49	29 47	27 74	
JAN	12	05	30 50	30 35	30 27						
JAN	15	23	28 28	26 26	26 31	26 42					
JAN	24	23	31 15	30 14							
JAN	31	05	28 15	27 23	28 33	28 40					
JAN	31	11	29 14	29 14	28 13	29 15	29 13				
FEB	01	05	20 16	19 14	20 16	19 12					
FEB	06	05	27 34	27 46	27 58	27 60					
FEB	09	05	26 39								
FEB	18	05	29 31	29 39	29 25						
FEB	19	08	28 27	29 33	30 42	31 58	31 65	31 84	32 00	32 02	31 18
FEB	20	08	29 45	29 42	28 42	28 58					
FEB	27	05	29 38	30 55							
MAR	02	05	29 32	28 30							
MAR	02	08	28 31	27 31	28 28	28 34	30 32	31 44	31 46	33 55	33 74
MAR	04	08	25 20	26 21	27 25	28 27	28 31	29 25	29 31	28 33	27 41
MAR	11	23	32 16	33 16	30 18						
MAR	16	11	22 30	22 30							
APR	08	23	31 16								
APR	09	23	32 14	32 16	31 28						
APR	13	11	21 04	15 15							
APR	27	05	29 31								
APR	28	23	32 22	31 22							
APR	29	05	04 06	34 04							
APR	30	05	18 13	20 15	23 13	22 26					
MAY	16	22	18 01	08 04	04 06	07 08					
MAY	17	05	03 02	32 06	34 07	35 11	01 21				
MAY	18	23	28 12								
MAY	21	05	27 13	27 17	26 14	25 15					
MAY	22	05	18 28	18 28	18 28						
MAY	26	11	09 10	09 11							
MAY	28	01	18 16								
JUN	05	17	29 04	27 06	33 05	08 02					
JUN	05	23	31 04	35 01	02 04	14 03					
JUN	07	11	23 11	23 08	22 07	24 03					
JUN	09	18	18 15								
JUN	11	12	29 09	29 12							
JUN	30	23	27 17	28 19	29 14						
JUL	01	23	16 06	17 06							
JUL	02	00	21 04	20 04	15 10	22 14	22 24	21 26			
JUL	02	05	32 12	33 13	30 18						
JUL	09	05	27 23								
JUL	11	04	32 14	32 18	30 14	27 14	27 14	25 09	25 15	23 31	
JUL	13	01	28 30								
JUL	29	04	29 35								
AUG	12	01	31 32	29 37	27 28						
AUG	27	11	29 11	30 15							
AUG	27	22	31 21	32 18	31 27						
SEP	02	02	27 25	27 30	28 38						
SEP	02	11	35 07	34 05							
SEP	02	16	25 19	26 18	26 31	29 38	30 60	30 70			
SEP	14	05	28 25	28 28	29 25	27 25	27 27	27 34	27 35		
SEP	17	22	31 25	30 24	29 39						
SEP	18	11	28 37								
SEP	19	04	34 20	33 29	34 25	34 20					
SEP	21	05	29 20								
SEP	21	19	31 33	31 31							
SEP	25	00	27 43								
SEP	26	00	29 32	29 34	28 38						
SEP	29	05	28 52	28 47							
OCT	04	04	28 28	28 33	27 34	26 35	27 41	27 46			
OCT	04	18	28 17								
OCT	20	04	25 32	25 29	26 39	26 44					
OCT	20	11	25 04	24 10	23 12						
OCT	23	23	25 60								
NOV	04	04	14 09	16 10	17 12						
NOV	17	04	23 25	23 30	28 23	30 30					
NOV	17	11	26 09	27 14	28 17	29 20					
NOV	17	18	27 05	27 07	28 13	30 14	33 28	35 59			
NOV	17	23	19 05	27 02	25 09	30 06	33 26	33 32	34 51		
NOV	18	04	20 15	23 13	28 09	22 12	30 15	32 15	32 17	34 69	

RESULTS OF PILOT BALLOON OBSERVATIONS AT MACQUARIE ISLAND YEAR 1952											
MONTH	DAY	HOUR	2100 METRES	2400 METRES	3000 METRES	3600 METRES	4500 METRES	5400 METRES	6000 METRES	7500 METRES	9000 METRES
NOV	19	04	27 12	25 07	26 13	27 22	27 15	27 13	31 12		
NOV	22	00	30 12	32 10	32 15	33 18	34 20	36 17			
NOV	23	05	24 07	23 08							
NOV	24	04	28 07	26 08	22 10	25 12	18 14	19 18	21 15	20 30	19 30
NOV	28	04	31 23	31 29	31 40	31 42	31 50	31 48	31 60		
NOV	29	23	16 07	15 09	16 11						
NOV	30	04			18 08	18 09	25 08	24 15	24 15	25 18	23 18
DEC	01	04	25 15	23 15	22 17	24 20	21 16	21 20	22 25		
DEC	03	04	25 35	25 35	25 45						
DEC	09	04	25 20	25 17	24 25	24 16	24 23				
DEC	09	19	29 14	30 18							
DEC	12	04	30 41	29 43	29 50						
DEC	13	04	33 41	32 35							
DEC	17	04	30 25	30 27	32 42						
DEC	17	10	26 21	27 19							
DEC	22	04	33 17	33 17	33 23	33 20	32 18	32 18	33 25	34 36	34 33
DEC	24	04	30 33	29 32	29 36	29 39	29 51				
DEC	24	10	30 32								
DEC	29	04	31 45	31 45	31 38	31 34	31 47	30 59	30 72		
DEC	30	04	27 30	28 29							
DEC	31	04	29 22	30 26	29 23						

MONTH	DAY	HOUR	9600 METRES	10500 METRES	12000 METRES	13500 METRES	15000 METRES	16500 METRES	18,000 METRES	19500 METRES	21,000 METRES
NOV	02	08	32 80	32 86							
NOV	04	08	27 42	27 44	26 45	27 35	28 28	27 28	28 22		
NOV	24	04		21 14	26 20	24 34	23 26	24 34	25 29	25 30	24 29
NOV	30	04									
DEC	22	04		35 32							

