BRITISH ANTARCTIC METEOROLOGICAL SERVICE

Annual Meteorological Tables

1963

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Published for the British Antarctic Survey, Stanley, Falkland Islands.

CONTENTS

Notes on the Tables

This series of Tables, which commenced with the data for 1951, is published annually to meet the demands from contemporary expeditions and various research organisations.

Surface Observations.

1. For climatological purposes, the day is taken to be from 0001 to 2359 Zone Time. All Stations make observations every three hours at fixed G.M.T. synoptic hours 0001, 0300, 0600, 0900, 1200, 1500, 1800, 2100, but, for climatological purposes, these are recorded in Zone Time. Thus, the first observation of the day is as follows—

Signy Island	0001 Zone Time – 0300 G.M.T.
Adelaide Island	0100 Zone Time – 0600 G.M.T.
Grytviken, Halley Bay	0100 Zone Time – 0300 G.M.T.
Argentine Islands, Deception Island, Stanley	0200 Zone Time – 0600 G.M.T.

Maximum, and minimum temperatures are read twice daily, at the synoptic hours closest to 0900 and 2100 Zone Time (*i.e.* 1200 and 0001 G.M.T. at all stations), and the day, for these purposes, ends at midnight G.M.T.

At Grytviken and Stanley, rainfall (or water equivalent of snowfall) is also read twice daily at these same hours, but the morning measurement is credited to the previous day. Thus, the rainfall for any one day is to be regarded as the amount falling in the 24 hours commencing at 1200 G.M.T. on the day concerned.

Thus, the terms "*day*" and "*daily*" are used in the tables to imply 24 hours in one of the three senses defined above.

Means and Extremes Tables I and II.

2. Daily means of pressure, temperature, relative humidity, cloud amount and wind speed are based on the eight standard hours of observation.

3. Extremes of pressure are also taken from the eight standard daily observations, and it is therefore possible that slightly higher or lower values could have occurred.

Upper Air Observations.

The G.L.III radar wind-finder was withdrawn from service at Stanley at the end of 1962 and the Stanley Upper Air Tables in this issue are confined to temperature, humidity and height data for the usual pressure-levels. On the other hand, radar equipment was available throughout the year at both Halley Bay and Argentine Islands and in this issue it has therefore been possible to dispense with the contracted form of wind frequency tables hitherto published for Argentine Islands.

4. The observations were made by an Upper Air Unit of the United Kingdom Meteorological Office, using the British radio-sonde system. In this, pressure, temperature and relative humidity were measured by variable audio-frequency modulation of a carrier signal of constant frequency. The sonde used was the Kew Mk. II. B.

5. Observations were normally made daily for 0800 Zone Time (1200 G.M.T.), the time of release being 0730 Zone Time. For operational reasons a few ascents were missed, and in cases where the number of soundings was different from the number of days in the month, the actual number is shown against the name of the month in each of the Tables.

Upper Air Means Tables I and II.

6. In all cases where this number differs from the number of days in the month, the number of soundings used in deriving the means is shown against the name of the month in Tables I and II. In almost all cases the soundings reached the 200 mb. level, exceptions being indicated by the small figures printed above the individual values where appropriate. Humidity values (which are shown with respect to water at all temperatures) were usually available up to the 500 mb. level, but owing to the inaccuracy of the humidity element at low temperatures, values are not reported if the temperature falls below –40 degrees. For this reason no means of dew point are given in the summaries for levels of 300 mb. and above. At lower levels, the small figures printed above means derived from less than the full number of observations, give some indication of the degree of validity of the values quoted.

7. The tables show the mean pressure, height and temperature at the tropopause for each month of the year. The definitions for determining the tropopause are those in use in the United Kingdom Meteorological Office. It is not within the scope of these notes to give all possible definitions but, in general, the tropopause is taken as the height of the lowest point at which the lapse rate becomes 2°C/Km. or less. Where more than one tropopause was reported, the lowest has been used in compiling the Tables.

Notes on the Tables for Bird Island (South Georgia)

A. The observations are made daily at 0300, 0900, 1500 and 2100 G.M.T., i.e. 0100, 0700, 1300 and 1900 Zone Time, except in November and December when the first observation of the day was made one hour earlier.

B. The mean monthly values of M.S.L. pressure, air and earth temperatures, relative humidity, cloud amount and wind speed are based on the four daily observations.

C. Extremes of M.S.L. pressure are taken on the four daily observations. It is therefore possible that higher or lower values occurred.

D. Extremes of temperature were obtained from readings of maximum and minimum thermometers at 07 and 19 Zone time, and the mean values of daily maxima and minima are derived from these readings.

E. At all temperatures, relative humidity was calculated with respect to water.

F. Only total cloud amount was observed.

G. Mean length of day (Means and Extremes Table II) is taken as being the same as at Grytviken.

H. Rainfall (or water equivalent of snowfall) was measured twice daily at 07 and 19 Zone Time. The rainfall for any one day is regarded as the amount falling in the 24 hours ended at 19 Zone Time on the day concerned.

N. A day of "ground frost" is taken as a day in which the reading of the grass-minimum thermometer at 07 Zone Time was less than 0.0°C. During the period of snow cover, the thermometer was kept, as far as practicable, on the surface of the snow.

Means and Extremes Table I for Stanley, Falkland Islands, 1963.

MONTH	M. S. L. PRESSURE (mb.)					AIR TEMPERATURE (°C)													
	1-2 DAILY MEAN	EXTREMES [3]				MEAN AT [1]								1-2 DAILY MEAN	MEAN DAILY [1]		EXTREMES [1]			
		HIGH	DATE	LOW	DATE	0200	0500	0800	1100	1400	1700	2000	2300		MAX.	MIN.	MAX.	DATE	MIN.	DATE
January	997.2	1016.8	17th	973.2	27th	6.6	6.8	9.5	11.3	10.8	9.9	7.8	6.8	8.7	13.1	4.7	19.1	18th	0.6	3rd
February	1006.9	1019.3	16th	986.2	22nd	7.6	8.1	10.9	12.5	12.8	11.3	8.9	7.8	10.0	14.6	5.9	19.6	25th	2.7	16th
March	999.1	1015.8	22nd	974.7	10th	5.6	5.9	7.4	9.6	10.1	8.8	6.6	5.7	7.5	11.6	3.8	17.2	3rd	-0.1	26th
April	999.6	1014.1	12th	974.1	4th	4.1	4.1	4.5	6.7	6.7	5.1	4.1	4.0	4.9	8.1	1.9	11.8	3rd	-0.8	8th
May	1002.9	1019.6	6th	982.0	21st	3.3	3.3	3.5	5.1	5.4	4.2	3.7	3.3	4.0	6.6	1.2	12.7	7th	-1.4	11th
June	1005.9	1031.4	9th	*971.5*	*4th*	2.4	2.4	2.3	3.4	3.7	2.6	2.3	2.3	2.7	4.8	0.4	7.8	2nd	-2.5	28th
July	1004.9	1023.2	10th	985.3	16th	2.1	2.0	2.1	3.2	3.5	2.5	2.3	2.3	2.5	4.5	0.3	6.7	5th	*-4.3*	*21st*
August	1009.5	1029.6	28th	992.0	6th	1.0	1.1	1.6	2.8	3.1	2.0	1.4	1.1	1.8	3.9	-0.6	7.7	26th	-4.1	9, 10, 14
September	1012.1	*1039.4*	*8th*	984.4	15th	1.4	1.4	2.2	4.1	4.0	2.8	1.9	1.5	2.4	5.2	0.1	9.3	28th	-3.8	5th
October	1008.4	1021.2	13th	992.5	19th	2.3	2.3	4.7	6.5	6.2	4.9	3.2	2.5	4.1	8.6	0.8	14.4	14th	-1.2	4th
November	1005.3	1022.5	7th	987.1	25th, 26th	4.5	4.9	6.6	8.4	8.0	6.8	5.1	4.6	6.1	9.8	3.2	16.3	29th	-1.7	1st
December	1003.0	1017.4	28th	972.2	6th	6.9	7.7	10.5	12.5	12.2	10.8	8.4	7.4	9.5	14.5	5.3	*20.9*	*14th*	1.7	8th
Total	12054.8	12270.3	—	11775.2	—	47.8	50.0	65.8	86.1	86.5	71.7	55.7	49.3	64.2	105.3	27.0	163.5	—	-14.9	—
Mean	1004.6	1022.5	—	981.3	—	4.0	4.2	5.5	7.2	7.2	6.0	4.6	4.1	5.3	8.8	2.3	13.6	—	-1.2	—

Means and Extremes Table II for Stanley, Falkland Islands, 1963.

MONTH	RELATIVE HUMIDITY %									CLOUD AMOUNT (oktas)									SUNSHINE			RAINFALL (mm.)[1]		
	Mean at [1]								1-2 Daily Mean.	Mean at [1]								1-2 Daily Mean	Mean Daily		Mean Length of Day	Total	Max. Fall	Date
	0200	0500	0800	1100	1400	1700	2000	2300		0200	0500	0800	1100	1400	1700	2000	2300		Rec.	Est.				
January	85	87	77	66	70	73	81	84	78	5.3	5.5	5.8	6.4	6.4	5.9	5.7	4.1	5.6	6.7	Not recorded	16.1	73.9	9.3	28th
February	89	89	80	68	65	71	80	84	78	4.9	5.9	6.3	5.8	5.4	5.2	5.0	4.3	5.3	7.0		14.5	22.3	6.7	21st
March	89	90	85	74	70	72	83	85	81	5.8	6.3	6.0	6.4	6.3	5.8	5.3	4.6	5.8	4.8		12.5	56.3	18.0	14th
April	89	90	87	75	73	81	87	89	84	5.7	5.6	5.7	6.4	6.5	5.9	5.1	6.4	5.9	3.6		10.5	31.0	5.1	8th
May	93	94	93	89	88	92	93	93	92	5.1	5.7	6.2	6.6	6.6	6.1	4.9	5.0	5.8	1.7		8.8	38.9	10.9	10th
June	94	95	94	90	88	92	93	92	92	5.2	6.0	6.6	6.5	6.5	6.3	5.5	5.5	6.0	1.5		7.9	46.3	11.4	27th
July	91	92	89	87	86	89	89	91	89	4.5	4.4	5.9	5.9	5.9	5.7	4.8	5.2	5.3	2.0		8.3	72.7	32.2	11th
August	91	91	90	85	82	89	88	89	88	5.9	5.8	6.7	6.6	6.6	6.3	5.6	5.7	6.1	1.5		9.7	20.9	5.4	9th
September	89	88	85	78	79	83	85	87	84	6.5	6.7	6.6	6.2	6.6	6.8	6.8	6.3	6.6	2.9		11.7	55.6	10.8	19th
October	87	85	78	69	72	75	83	86	79	4.7	5.5	5.4	6.3	6.1	6.0	4.9	4.3	5.4	5.4		13.7	33.6	7.1	7th
November	90	90	83	73	75	78	87	89	83	6.4	6.6	6.6	6.1	6.6	6.4	6.3	6.5	6.4	4.2		15.6	52.0	12.2	20th
December	89	87	74	65	65	71	81	87	77	4.9	5.3	5.2	4.5	5.5	5.9	5.2	4.7	5.1	7.5		16.6	24.1	9.3	22nd
Total	1076	1078	1015	919	913	966	1030	1056	1005	64.9	69.3	73.0	73.7	75.0	72.3	65.1	62.6	69.3	48.8		145.9	527.6	138.4	-
Mean	90	90	85	77	76	81	86	88	84	5.4	5.8	6.1	6.1	6.3	6.0	5.4	5.2	5.8	4.1		12.2	44.0	11.5	-

Frequency Tables I to IV for Stanley, Falkland Islands, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE I — JANUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1					1	1		1	2	2	4	2	13
2						1	1	2	1	3	3	1	12
3		2	1				3	4	7	10	19	4	50
4	1	1					4	8	14	11	21	10	70
5		1						8	9	7	6	12	43
6	1							11	10	4	2	7	35
7	1							6	1		1	1	10
≥ 8								5	2				7
Totals	3	4	1		1	2	8	45	46	37	56	37	240

CALMS – 8

TABLE II — FEBRUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	2					1			1	1	5	11
2		1						1	2	1	4	3	12
3		1			1	1	2	6	3	7	11	9	41
4	4		1			2	3	4	3	7	16	8	48
5	2	1					1	8	8	8	8	12	48
6	2						1	12	4	2	6	10	37
7								3	2		1	7	13
≥ 8								4				3	7
Totals	9	5	1		1	3	8	38	22	26	47	57	217

CALMS – 7

TABLE III — MARCH.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1											6	2	8
2	1		1							3	4	2	11
3	1					1	1	2	3	15	19	6	48
4	1					2	1	5	11	18	15	10	63
5	2					4	5	7	10	7	6	11	52
6	7							3	6	3	2	10	31
7	2							9	3	2		6	22
≥ 8	2						1	4		1		1	9
Totals	16		1			7	8	30	33	49	52	48	244

CALMS – 4

TABLE IV — APRIL.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2		1				3	1	1		12	6	26
2		1		1			1			6	3	6	18
3	1	1			1		2	2	3	16	12	15	53
4	6				1	3	3	6	8	22	11	9	69
5	5						6	4	6	5	4	3	33
6	3							1	4	3	4	2	17
7	2							2	1	2		4	11
≥ 8	2												2
Totals	21	2	1	1	2	3	15	16	23	54	46	45	229

CALMS – 11

Frequency Tables V to VIII for Stanley, Falkland, Islands, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE V — MAY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1			1	1				1			4	8
2	3	1	2		1				1	2	5	8	23
3	5	1					1	2	5	4	11	11	40
4	5	3				1	5	3	11	10	11	9	58
5	6	1				1	3	11	6	14	1	8	51
6	8	1					5	10	9	6	1	1	41
7	2	3						3	1	1		5	15
≥ 8	1							1					2
Totals	31	10	2	1	2	2	14	30	34	37	29	46	238

CALMS – 10

TABLE VI — JUNE.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		1			1				1		3	2	8
2	5	1	2	1		1	1	1	2	1	4	3	22
3	7	3	1	1	4	5	2		2	10	18	7	60
4	8	3	2		1	4		3	9	7	17	9	63
5	1				1	1	1	5	9	9	6	4	37
6	2	2			1	1		8	3	4	5	5	31
7						1	2	2	1			1	7
≥ 8								4				1	5
Totals	23	10	5	2	8	13	6	23	27	31	53	32	233

CALMS – 7

TABLE VII — JULY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2	2							1	2		1	8
2	1	1	1	1			1	1	3	2	3	2	16
3	6	2		1	2	1	2		3	3	16	13	49
4	9	1				2	5	3	6	14	22	16	78
5	2	3				1	8	1	3	10	10	9	47
6	6	5					3	1	2	4	1	2	24
7	5	1					2			2			10
≥ 8	5					2	4						11
Totals	36	15	1	2	2	6	25	6	18	37	52	43	243

CALMS – 5

TABLE VIII — AUGUST.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2	1	4				2	2	1	1	3	1	17
2	2				1			4	2	2	7	1	19
3	6	1	4	2			4	1	3	9	12	7	49
4	6	1	5	6			3	9	14	9	15	6	74
5	4		6	1			2	11	3	3	7	10	47
6	3						6	2	2	6		6	25
7										3	1	4	8
≥ 8								1		1			2
Totals	23	3	19	9	1		17	30	25	34	45	35	241

CALMS – 7

Frequency Tables IX to XII for Stanley, Falkland Islands, 1963.

WIND FORCES IN TWELVE 30° SECTORS

Table IX — September.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1				1				1			2		4
2						1		3	1	1	2	3	11
3	2	1			4		2		6	9	8	3	35
4	3	1		1	4	5	5	7	8	12	9	6	61
5	4		1		4	2	1	6	4	5	7	3	37
6	7			3	4	3	1	7	6	6	5	2	44
7	8		1	2	2	1		3	10	2			29
≥ 8	2					1		5	2	1			11
Totals	26	2	2	7	18	13	9	32	37	36	33	17	232

Calms – 8

Table X — October.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1							2		1		1		4
2		1			2			1	1		2	2	9
3	1			4	2		1	4	7	6	7	7	39
4			1		3		3	12	8	10	17	9	63
5							1	14	15	13	11	7	61
6							2	15	10	3	2	3	35
7							1	9	9	3		4	26
≥ 8								7	2				9
Totals	1	1	1	4	7		10	62	53	35	40	32	246

Calms – 2

Table XI — November.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			3				2		1			1	7
2					2	2	2	1	1		3	1	12
3	3	3	3	2		5	10	6	2	2	8	11	55
4	4	4	2	2			16	11	1	5	19	15	79
5	4		2				4	8	1	1	8	13	41
6	6						1	4		2		4	17
7	1	1						4	1	1	2	7	17
≥ 8							2	2				3	7
Totals	18	8	10	4	2	7	37	36	7	11	40	55	235

Calms – 5

Table XII — December.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1					1	1	1	2					5
2	1		1		1			1		1	3	2	10
3		1	2			1	5	5	2	1	4	7	28
4	5	2		1	1	1	5	3	6	6	20	26	76
5	9	3		1			2	6	5	7	8	23	64
6	1	1			1	1	3	7	1	2	3	10	30
7	3					2	4	3	3	1	2	5	23
≥ 8	1							1	1	1	4	2	10
Totals	20	7	3	2	4	6	20	28	18	19	44	75	246

Calms – 2

Upper Air Means Table I for Stanley, Falkland Islands, 1963.

MONTH	MEAN AIR AND DEW POINT TEMPERATURES AT STANDARD LEVELS IN °C, for all ascents :—																						
	Surface		900 mb.		850 mb.		800 mb.		700 mb.		600 mb.		500 mb.		400 mb.		300 mb.	200 mb.	150 mb.	100 mb.	Mean Tropopause		
	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Air	Air	Air	Press. mb.	Height	Temp.
January[30]	9.1	5.0	3.4	-2.6	0.4	-5.2	-2.6	-7.9	-8.8	-14.5	-16.2	-21.9	-24.0	-31.4	-35.3	-40.5[23]	-48.2[29]	-50.2[29]	-48.3[26]	-48.9[26]	255[29]	10034[29]	-56.1[29]
February	10.6	7.5	6.7	0.5	4.4	-2.3	1.8	-4.7	-3.7	-12.5	-10.4	-18.7	-19.0	-27.3[27]	-29.6	-37.8[26]	-43.8	-54.3	-53.9[27]	-54.1[27]	229	11071	-56.6
March	7.1	4.7	3.3	-0.3	0.7	-5.5	-2.5	-8.5	-8.1	-16.3	-15.3	-23.8	-24.3	-32.0[30]	-35.4	-40.7[23]	-48.2	-51.3	-51.9	-52.4	267	9752	-55.1
April	4.3	2.4	0.0	-4.6[20]	-3.9	-8.0[29]	-5.2	-12.9[20]	-11.0	-21.7[20]	-18.3	-27.7[28]	-27.4	-36.1[29]	-38.5	-42.8[16]	-51.3	-52.9	-52.9[29]	-54.6[27]	266	9624	-57.4
May[24]	4.0	2.7	0.7	-4.3	-1.1	-7.9	-3.1	-12.8	-9.9	-21.0	-17.3	-28.4	-26.9	-37.7	-38.4	-43.1[11]	-51.7	-57.3	-56.2[23]	-56.9[21]	253	10011	-59.7
June[19]	2.0	0.9	-2.2	-5.5	-3.9	-10.5	-5.7	-14.7	-11.1	-23.6	-18.9	-29.6	-28.5	-38.9	-39.9	-51.1[6]	-53.5	-59.5	-58.7	-61.1	242	10244	-61.7
July[26]	1.6	0.1	-1.7	-7.7	-3.8	-10.8	-5.8	-16.0	-11.7	-24.4	-19.3	-30.0[25]	-28.9	-36.9[23]	-40.0	-42.8[10]	-54.4	-61.9	-60.8[25]	-65.6[24]	238	10330	-64.3
August	1.5	0.0	-2.2	-7.7	-4.5	-11.9	-6.6	-16.8	-12.4	-25.4	-19.8	-31.9[30]	-29.3	-39.1[29]	-40.5	-45.3[11]	-55.1	-62.2	-60.2[30]	-61.8[27]	240	10258	-64.2
September	2.0	0.0	-3.9	-7.4	-5.7	-11.2	-7.8	-15.0	-13.0	-22.6	-20.0	-30.3[29]	-28.3	-37.9[26]	-40.3	-44.9	-54.1	-62.0	-61.7[29]	-63.2[26]	239	10328	-63.8
October	4.5	1.1	-1.5	-6.6	-4.2	-10.5	-6.1	-14.7	-10.9	-23.5	-18.0	-29.6	-27.1	-36.9[30]	-38.4	-44.6[18]	-52.2	-58.5	-57.2	-57.7[29]	239	10340	-61.0
November	6.7	3.7	1.1	-4.0	-1.2	-7.2	-3.3	-10.5	-9.5	-18.0	-16.8	-26.9	-25.9	-34.9[29]	-37.3	-42.4[19]	-50.6	-52.5	-53.1	-53.1[29]	264	9805	-57.7
December	10.2	5.9	6.0	-2.3	3.7	-5.7	0.9	-9.5	-5.6	-15.6	-12.5	-22.1	-21.7	-31.1	-33.5	-41.0[27]	-47.2	-53.1	-51.9[30]	-50.9[30]	243	10480	-57.0
Total	63.6	34.0	9.7	-52.5	-19.1	-96.7	-46.0	-144.0	-115.7	-239.1	-202.8	-320.9	-311.3	-420.2	-447.1	-517.0	-610.3	-675.7	-666.8	-680.3	2975	122277	-714.6
Mean	5.3	2.8	0.8	-4.4	-1.6	-8.1	-3.8	-12.0	-9.6	-19.9	-16.9	-26.7	-25.9	-35.0	-37.3	-43.1	-50.9	-56.3	-55.6	-56.7	248	10190	-59.5

Upper Air Means Table II for Stanley, Falkland Islands, 1963.

MONTH [24]	MEAN HEIGHTS ABOVE M.S.L. OF STANDARD PRESSURE LEVELS (metres) [22]										
	900 mb.	850 mb.	800 mb.	700 mb.	600 mb.	500 mb.	400 mb.	300 mb.	200 mb.	150 mb.	100 mb
January [30]	843	1303	1787	2833	4010	5363	6956	8907 [29]	11548 [29]	13406 [26]	16075 [20]
February	927	1395	1889	2951	4152	5533	7160	9150	11793	13648 [27]	16247 [27]
March	853	1314	1797	2846	4027	5380	6971	8910	11550	13419	16040
April	845	1300	1778	2815	3982	5318	6887	8807	11414	13276 [29]	15885 [27]
May [24]	874	1332	1813	2855	4029	5369	6942	8861	11437	13268 [23]	15839 [21]
June [19]	889	1342	1818	2853	4020	5351	6913	8820	11374	13174	15708
July [26]	884	1337	1812	2843	4010	5340	6904	8807	11339	13136 [25]	15631 [24]
August	916	1368	1843	2874	4034	5362	6919	8816	11341	13129 [30]	15641 [27]
September	936	1385	1858	2885	4044	5374	6936	8837	11370	13155 [29]	15667 [26]
October	914	1367	1842	2877	4045	5383	6953	8873	11435	13250	15819 [29]
November	898	1355	1836	2879	4054	5399	6977	8907	11520	13375	15944 [29]
December	897	1363	1852	2912	4104	5472	7078	9041	11670	13525 [30]	16157 [30]
Total	10676	16161	21925	34423	48511	64644	83596	106736	137991	159761	190653
Mean	890	1347	1827	2869	4043	5387	6966	8895	11483	13313	15888

Means and Extremes Table I for Grytviken, South Georgia, 1963.

MONTH	M. S. L. PRESSURE (mb.)					AIR TEMPERATURE (°C)													
	1-2 Daily Mean	Extremes [3]				Mean at [1]								1-2 Daily Mean	Mean Daily [1]		Extremes [1]			
		High	Date	Low	Date	0100	0400	0700	1000	1300	1600	1900	2200		Max.	Min.	Max.	Date	Min.	Date
January	989.7	1007.1	13th, 14th	960.9	28th	5.1	4.7	5.4	6.8	7.9	7.9	6.9	6.1	6.3	10.0	3.3	19.6	14th	−0.9	11th
February	994.9	1011.1	5th, 6th	968.9	23rd	6.2	5.7	5.9	7.3	8.8	8.3	7.9	6.9	7.1	11.3	3.6	*21.5*	*26th*	0.3	23rd
March	993.2	1023.5	14th	965.5	11th	4.0	4.1	4.1	5.1	5.6	5.9	5.1	4.5	4.8	8.0	1.8	14.6	16th	−2.9	29th
April	996.0	1025.4	17th	973.7	22nd	1.7	1.6	1.7	2.4	3.3	3.0	2.0	1.5	2.1	5.1	−0.4	11.4	7th	−5.9	30th
May	998.6	1023.0	27th	978.8	17th	−0.1	−0.1	−0.5	−0.4	0.8	0.3	0.1	0.1	0.0	2.6	−2.1	10.1	23rd	−6.2	6th
June	994.9	1019.4	9th	*950.5*	*3rd*	−1.2	−1.3	−1.2	−0.7	−0.8	−1.3	−1.5	−1.4	−1.2	2.1	−3.7	9.4	23rd	−9.4	13th
July	1004.6	*1035.7*	*12th*	973.0	26th	−1.6	−1.8	−1.6	−1.4	−1.1	−1.1	−1.4	−1.6	−1.5	1.5	−3.8	10.7	8th	−8.7	31st
August	1003.7	1023.9	2nd	980.0	11th	−2.6	−2.8	−2.6	−2.0	−1.3	−1.5	−2.1	−2.1	−2.1	0.7	−4.9	5.6	31st	*−11.1*	*29th*
September	1001.9	1023.1	23rd	968.8	28th	−1.1	−1.7	−1.9	−1.2	−0.3	−0.3	−1.6	−1.4	−1.2	2.3	−3.8	7.2	9th, 25th	−7.8	4th
October	990.1	1012.4	14th	968.8	3rd	−1.5	−1.5	−0.9	−0.0	0.5	−0.1	−0.8	−1.1	−0.7	2.1	−3.5	6.1	25th	−8.3	2nd
November	1001.7	1013.1	20th	983.9	26th	1.7	1.2	2.5	3.9	5.0	4.5	3.3	2.5	3.1	6.8	−0.1	16.7	30th	−6.4	3rd
December	996.0	1013.6	25th	962.5	8th	4.6	4.8	5.7	6.7	7.7	7.4	6.1	5.2	6.0	10.4	2.1	17.8	26th	−1.9	4th
Total	11965.3	12231.3	—	11635.3	—	15.2	12.9	16.6	26.5	36.1	33.0	24.0	19.2	22.7	62.9	−11.5	150.7	—	−69.2	—
Mean	997.1	1019.3	—	969.6	—	1.3	1.1	1.4	2.2	3.0	2.7	2.0	1.6	1.9	5.2	−1.0	12.6	—	−5.8	—

Means and Extremes Table II for Grytviken, South Georgia, 1963.

MONTH	RELATIVE HUMIDITY %									CLOUD AMOUNT (oktas)									SUNSHINE			RAINFALL (mm.)[1]		
	Mean at [1]								1-2 Daily Mean.	Mean at [1]								1-2 Daily Mean	Mean Daily		Mean Length of Day	Total	Max. Fall	Date
	0100	0400	0700	1000	1300	1600	1900	2200		0100	0400	0700	1000	1300	1600	1900	2200		Rec.	Est.				
January	74	76	74	67	63	65	67	71	70	4.7	5.7	6.2	5.6	6.0	6.5	6.4	5.7	5.9	6.7	Not recorded	16.5	120.5	20.6	25th
February	69	73	73	68	60	62	60	64	66	5.0	5.7	6.4	5.9	6.0	6.5	6.4	5.1	5.9	5.2		14.7	154.2	27.2	22nd
March	74	71	74	70	67	60	66	69	69	6.0	6.0	6.5	6.5	6.1	5.9	6.3	5.5	6.1	3.7		12.6	124.7	25.8	15th
April	82	82	83	78	74	76	78	81	79	5.5	6.0	5.9	6.2	5.4	5.2	5.4	5.0	5.6	2.4		10.4	140.7	27.1	9th
May	78	77	81	79	76	77	79	77	78	5.4	5.0	5.0	5.9	6.0	6.2	6.3	5.9	5.7	0.9		8.4	121.4	32.1	11th
June	72	72	74	72	72	70	74	75	73	4.3	4.6	4.4	5.5	5.8	5.4	4.7	4.8	4.9	0.0		7.4	147.2	44.9	2nd
July	78	77	74	74	73	72	75	78	75	5.5	5.3	4.9	5.8	5.5	5.7	5.8	5.5	5.5	0.3		7.9	127.5	*51.7*	*14th*
August	73	73	72	68	68	69	70	72	71	5.9	5.7	5.7	5.6	5.8	6.0	5.4	6.2	5.8	2.1		9.5	70.2	39.9	3rd
September	73	72	71	69	67	67	71	71	70	4.9	4.6	4.8	5.5	5.2	4.9	5.6	5.6	5.1	3.6		11.6	64.6	30.9	14th
October	69	72	68	66	65	66	70	67	68	5.7	6.0	6.2	5.8	6.0	6.1	6.1	5.3	5.9	4.4		13.8	63.5	9.2	30th
November	75	77	73	69	66	65	71	75	71	4.6	4.9	5.3	5.4	5.3	5.5	5.6	5.6	5.3	6.6		15.8	39.6	14.2	23rd, 30th
December	72	71	71	65	60	61	65	69	67	4.7	5.2	6.4	5.7	5.3	5.0	5.2	5.5	5.4	6.9		17.0	74.0	28.5	18th
Total	889	893	888	845	811	810	846	869	857	62.2	64.7	67.7	69.4	68.4	68.9	69.2	65.7	67.1	42.8		145.6	1248.1	352.1	—
Mean	74	74	74	70	68	67	71	72	71	5.2	5.4	5.6	5.8	5.7	5.8	5.8	5.5	5.6	3.6		12.1	104.0	29.3	—

Frequency Tables I to IV for Grytviken, South Georgia, 1963.

WIND FORCES IN TWELVE 30° SECTORS

Table I — January.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		1		2	7	2	2			1	1	2	18
2	1		1	3	5	3	1			1			15
3	6	6		4	2		1				2	5	26
4	16	2		5	3				1	6	10	36	79
5	3				1	1					13	15	33
6	1									1	4	16	22
7											4	3	7
>= 8													
Totals	27	9	1	14	18	6	4		1	9	34	77	200

Calms - 48

Table II — February.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	5				5	3	2				1	1	17
2	2	4		2	3							1	12
3	4	4		2	4						1		15
4	16	5	1	6	3	2	1		2	2	9	21	68
5	7				2					4	11	10	34
6	6								1	6	10	10	33
7	4										2	7	13
>= 8										1			1
Totals	44	13	1	10	17	5	3		3	13	34	50	193

Calms - 31

Table III — March.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1			3	2		3			1	1	1	12
2	1			3	4	1						3	12
3	8	5	2	5	3	5				4	7	10	49
4	14			3		1				4	16	30	68
5	4								1	8	9	17	39
6									2	3	6	4	15
7									1	1	3	1	6
>= 8													
Totals	28	5	2	14	9	7	3		4	21	42	66	201

Calms - 47

Table IV — April.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	1			2	3	1			1		1	10
2	3	3				1				1		1	9
3	12	2	1	1	1	1					2	15	35
4	18	6			3	1				6	6	20	60
5	3										7	15	25
6	1												1
7											1		1
>= 8													
Totals	38	12	1	1	6	6	1			8	16	52	141

Calms - 99

Frequency Tables V to VIII for Grytviken, South Georgia, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE V — MAY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	3	2	2	2	2		1			1		3	16
2	9	3	1	1			1		1	1		3	20
3	10	5	1	1	2	2	6	1	1	3	2	5	39
4	7	1			4	4	1		3	4	4	7	35
5	2					1			1	1	5	6	16
6											3	2	5
7											3		3
>= 8													
Totals	31	11	4	4	8	7	9	1	6	10	17	26	134

CALMS - 114

TABLE VI — JUNE.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		1		1	1	2	1			15	6	2	29
2	3	1		2	1		1			1	2	2	13
3	3				2	1			1	2	3	13	25
4	8				2		1		1	6	16	21	55
5	4								2	7	2	12	27
6									1	4	5	2	12
7									2	2			4
>= 8													
Totals	18	2		3	6	3	3		7	37	34	52	165

CALMS - 75

TABLE VII — JULY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1				1	3	2	1			18	7	2	34
2	2	2		1						2	2	2	11
3	8	3		2	2				1	1	2	14	33
4	7				2	1				2	4	27	43
5					1	3				4	8	9	25
6	2				1	2				1	5	7	18
7											3		3
>= 8													
Totals	19	5		4	9	8	1		1	28	31	61	167

CALMS - 81

TABLE VIII — AUGUST.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	1		2	1	2		1	1	16	8	1	34
2	3	4				2	1	3	1	5	3	3	25
3	8	2	1		1	1	5			4	4	17	43
4	8			1	2	2	2		1	9	10	36	71
5	1			1	1	1				3	6	13	26
6										4	1	5	10
7										4	1		5
>= 8													
Totals	21	7	1	4	5	8	8	4	3	45	33	75	214

CALMS - 34

Frequency Tables IX to XII for Grytviken, South Georgia, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE IX — SEPTEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	6	1				2	1		2	7	3		22
2	6	2		3	1	2	4			1		4	23
3	4	2		1	3	4	2		1		2	4	23
4	6				5	1	1		1	6	12	21	53
5	1								2	6	5	12	26
6									2	1	7	5	15
7									1	1	1	2	5
>= 8													
Totals	23	5		4	9	9	8		9	22	30	48	167

CALMS – 73

TABLE X — OCTOBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		1			3	1	1			2	3	2	13
2	6	5	2	1	1	4	1			1	1	2	24
3	11	2			1	1	1	1		2	5	15	39
4	7	1				1			2	9	15	30	65
5									1	3	16	26	46
6										3	2	8	13
7									1		2		3
>= 8											1		1
Totals	24	9	2	1	5	7	3	1	4	20	45	83	204

CALMS – 44

TABLE XI — NOVEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	3		2	4	4	3		1	5			23
2	2	7		2	6		1	1		1	1	3	24
3	18	7		7	4	3			1		3	8	51
4	7	1			10	4				2	8	16	48
5	4					4				1	4	11	24
6	1										3	9	13
7												1	1
>= 8													
Totals	33	18		11	24	15	4	1	2	9	19	48	184

CALMS – 56

TABLE XII — DECEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1		1	1	7	1						1	12
2	1	3		9	5	2	3			1		3	27
3	5	6	2	15	1			1		1	3	8	42
4	14	1		1	1			1	2	3	12	16	51
5	3			1					1	7	13	24	49
6	1								2	9	10	7	29
7										3	1	3	7
>= 8													
Totals	25	10	3	27	14	3	3	2	5	24	39	62	217

CALMS – 31

Means and Extremes Table I for Bird Island, South Georgia, 1963.

MONTH	M. S. L. PRESSURE (mb.)					AIR TEMPERATURE (°C)													
	B Daily Mean	Extremes C				Mean at A								B Daily Mean	D Mean Daily		D Extremes			
		High	Date	Low	Date	0100		0700		1300		1900			Max.	Min.	Max.	Date	Min.	Date
January	995.9	1014.6	15th	966.5	28th	4.0		4.4		5.2		4.7		4.6	5.6	3.3	8.3	5th	0.1	11th
February	1002.0	1019.0	14th	971.2	23rd	4.4		4.4		5.0		4.5		4.6	5.6	3.2	8.9	15th	0.6	22nd
March	999.3	1023.4	14th	971.2	11th	3.4		3.4		4.1		3.7		3.7	4.6	2.1	7.0	16th	−2.9	28th
April	997.3	1029.8	17th	979.0	22nd, 24th	2.4		2.4		2.7		2.3		2.4	3.5	0.9	6.7	2nd	−5.7	30th
May	1003.1	1025.7	27th	984.1	11th	0.4		0.4		0.6		0.7		0.6	1.4	−0.8	5.2	11th	−5.4	8th
June	1001.4	1026.4	9th	*958.3*	*3rd*	−0.3		−0.5		−0.4		−0.4		−0.4	0.4	−1.8	3.7	24th	−6.6	12th
July	1009.5	*1039.3*	*12th*	981.0	1st	−0.7		−0.7		−0.4		−0.7		−0.6	0.4	−2.0	3.1	4th	−8.7	31st
August	1008.8	1027.1	26th	985.1	11th	−1.7		−2.0		−1.5		−1.7		−1.7	−0.7	−3.4	2.8	8th	*−10.2*	*29th*
September	1008.5	1030.1	23rd	977.0	28th	−1.2		−1.4		−1.1		−1.2		−1.2	−0.3	−2.7	2.3	20th, 25th	−6.3	5th
October	996.3	1018.3	14th	971.9	3rd	−1.1		−1.0		−0.4		−1.0		−0.8	0.1	−2.7	2.9	15th	−6.7	2nd
November						0.6		1.2		1.5		1.1		1.1	2.2	−0.2	7.5	29th	−5.8	3rd
December						2.1		2.3		3.3		2.7		2.6	3.5	0.5	*9.4*	*16th*	−1.9	4th
Total	10022.1*	10253.7*	—	9745.3*	—	12.3		12.9		18.6		14.7		14.9	26.3	−1.6	65.5	—	−59.5	—
Mean	1002.2*	1025.4*	—	974.5*	—	1.0		1.1		1.6		1.2		1.2	2.2	−0.1	5.5	—	−5.0	—

NOTE: *Totals and Means for 10 months only. No pressure readings were available after 5th November.

Means and Extremes Table II for Bird Island, South Georgia, 1963.

MONTH	RELATIVE HUMIDITY % [E]					CLOUD AMOUNT [F] (oktas)					SUNSHINE [G]			RAINFALL [H] (mm.)		
	Mean at [A]				B Daily Mean.	Mean at [A]				B Daily Mean	Mean Daily		Mean Length of Day	Total	Max. Fall	Date
	0100	*0700*	*1300*	*1900*		*0100*	*0700*	*1300*	*1900*		Rec.	Est.				
January	89.4	86.6	85.5	87.1	87.1	6.9	7.1	7.3	7.3	7.2	2.08	Not recorded	16.5	123.2	21.6	1st
February	88.5	88.1	86.0	86.8	87.3	7.9	7.9	7.3	7.6	7.7	1.42		14.7	93.0	21.6	23rd
March	86.0	86.8	85.4	87.0	86.3	6.1	7.1	6.4	7.0	6.7	2.36		12.6	86.9	11.9	4th
April	86.6	85.3	82.0	83.5	84.3	6.8	6.9	7.2	6.9	7.0	1.23		10.4	77.5	16.5	7th
May	87.9	84.7	85.6	85.3	85.9	6.4	7.0	7.1	7.0	6.9	0.79		8.4	61.2	12.7	14th
June	86.0	82.7	84.1	84.0	84.2	6.1	6.6	6.9	7.1	6.7	0.01		7.4	105.2	*29.7*	*28th*
July	83.7	83.6	82.2	83.5	83.2	6.0	6.0	6.1	6.4	6.1	0.54		7.9	63.3	17.3	24th
August	77.1	80.5	76.8	78.0	78.1	7.1	7.2	7.1	6.6	7.0	1.23		9.5	27.2	8.1	13th
September	83.1	83.1	79.7	78.9	81.2	6.9	6.8	7.1	6.9	6.9	1.31		11.6	36.6	7.9	15th
October	78.3	80.0	77.9	81.6	79.5	6.3	7.2	6.8	7.1	6.9	2.22		13.8	43.4	7.1	17th
November	86.8	85.7	85.4	87.5	86.3	7.5	7.8	7.7	7.7	7.7	1.38		15.8	39.9	12.2	23rd
December	90.8	92.2	85.6	87.8	89.1	7.2	7.5	7.5	7.4	7.4	1.66		17.0	95.3	15.0	19th
Total	1024.2	1019.3	996.2	1011.0	1012.5	81.2	85.1	84.5	85.0	84.2	16.23		145.6	852.4	181.6	—
Mean	85.3	84.9	83.0	84.3	84.4	6.8	7.1	7.0	7.1	7.2	1.35		12.1	71.0	15.1	—

Means and Extremes Table III for Bird Island, South Georgia, 1963.

SURFACE, SOIL AND EARTH TEMPERATURES (°C)

MONTH	Grass (Snow) Minimum [N]					At 4 Inches [B]					At 1 Foot [B]					At 2 Feet [B]					At 4 feet [B]				
	Daily Mean	Extremes				Daily Mean	Extremes				Daily Mean	Extremes				Daily Mean	Extremes				Daily Mean	Extremes			
		Max.	Date	Min.	Date		Max.	Date	Min.	Date		Max.	Date	Min.	Date		Max.	Date	Min.	Date		Max.	Date	Min.	Date
January	2.2	5.0	15th	−1.1	11th	6.3	9.1	7th	3.9	1st	4.3•	5.1•	7th	3.7•	1st	4.0•	4.5•	25th	3.5•	1, 2	3.4•	3.8•	27, 28	2.8•	1st
February	2.2	5.0	15th	−0.6	23rd	6.1	7.8	3rd	4.3	23rd	4.6•	5.1•	14, 15	4.1•	23, 24	4.4•	4.7•	15, 16	4.1•	23 – 25	3.9•	4.1•	16 – 19 21st	3.7•	1st
March	0.5	4.4	4, 11	−5.6	28th	4.4	5.8	4th	2.3	29th	4.5	5.2	1st	3.5	30th	4.5	5.1	1st	3.8	31st	4.4	4.9	4th	3.9	31st
April	−0.8	4.4	7th	−7.2	25th	2.7	5.1	3rd	1.0	30th	3.2	4.4	7, 8	1.9	30th	3.4	4.1	7 – 11	2.4	30th	3.5	4.1	3rd	2.8	30th
May	−2.6	1.1	11, 14	−7.2	7, 8, 27	0.6	1.1	14th	0.3	24, 25, 27 – 30	1.2	1.9	1st	0.8	31st	1.6	2.6	1st	1.2	29 – 31	2.1	2.8	1, 2	1.6	29, 30
June	−2.8	0.0	16th 24, 25	−7.8	30th	0.1	0.4	8th	0.0	26 – 28 30th	0.6	0.9	1st	0.4	29th	0.9	1.2	1 – 6	0.7	28th	1.3	1.6	1st	1.0	28th
July	−3·6	0.6	15th	−10.6	11, 31	−0.1	0.1	1st 4 – 8	−0.3	31st	0.4	0.6	—	0.3	29, 30	0.7	0.8	1 – 4	0.6	30th	1.0	1.2	3rd	0.8	30th
August	−5.3	−0.6	3, 4	−12.8	26th	−0.3	0.0	8th	−0.8	26, 27	0.3	0.4	1st	0.1	27th	0.6	0.6	—	0.5	23, 24, 28 – 31	0.8	0.9	—	0.7	23rd 28, 29
September	−4.2	0.0	25th	−7.8	4th	−0.2	−0.1	14th 19, 20	−0.4	6, 7,	0.1	0.2	—	0.1	11th 13, 22	0.4	0.6	1st	0.4	—	0.7	0.8	1, 2, 17 18, 20	0.7	—
October	−4.9	0.0	16th	−11.7	13th	−0.3	−0.1	21, 22	−0.4	11 – 13	0.1	0.2	2, 11, 19, 28	0.0	24 – 30	0.4	0.5	—	0.3	—	0.7	0.9	7th	0.6	—
November	−1.7	2.2	30th	−9.4	6th	0.4	4.5	29th	−0.3	2, 3	0.2	0.6	29th	−0.1	1st	0.4	0.6	30th	0.2	20th	0.6	0.7	1st 29, 30	0.6	—
December	−0.6	2.2	1, 15, 17, 19	−3.9	4, 22	3.0	6.4	17th	−0.1	2, 3	2.4	4.4	25th	0.6	1 – 3	2.1	3.6	30, 31	0.6	1st	1.8	2.8	31st	0.8	1, 2
Total	−21.6	24.3	—	−85.7	—	22.7	40.1	—	9.5	—	21.9	29.0	—	15.4	—	23.4	28.9	—	18.3	—	24.2	28.6	—	20.0	—
Mean	−1.8	2.0	—	−7.1	—	1.9	3.3	—	0.8	—	1.8	2.4	—	1.3	—	1.9	2.4	—	1.5	—	2.0	2.4	—	1.7	—

NOTES: • These values are for January and February 1964, no corresponding data being available for 1963.

Where no dates are specified, the maximum or minimum values occurred on several days during the month.

Frequency Tables I to IV for Bird Island, South Georgia, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE I — JANUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1		4		1	1	1		3	1		1	13
2	1	1	2	1		3	2	1	11				22
3	1	2	6	2		1	1	2	6			1	22
4		4	9			1	5	4	12				35
5			4	1			1	1	7				14
6			2					1	1				4
7			1	1									2
>= 8													
Totals	3	7	28	5	1	6	10	9	40	1		2	112

CALMS – 12

TABLE II — FEBRUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			6	1			2	1	5				15
2			8			4	6	2	16	1			37
3			2					3	15				20
4		1	2					2	17				22
5								2	7				9
6								1	1				2
7													
>= 8													
Totals		1	18	1		4	8	11	61	1			105

CALMS – 7

TABLE III — MARCH.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			7			1			10				18
2	1	1	6	1		4		1	15				29
3		1	9				1		16	1		1	29
4	2	1	7	1				1	12	2			26
5			1	2					6				9
6			1						2				3
7													
>= 8													
Totals	3	3	31	4		5	1	2	61	3		1	114

CALMS – 10

TABLE IV — APRIL.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			6	2					7			1	16
2	3	2	11			1	1		14	1		1	34
3			9	2		1			13	2			27
4	2		6			2	1	1	8	3		1	24
5			2						2				4
6													
7													
>= 8													
Totals	5	2	34	4		4	2	1	44	6		3	105

CALMS – 15

Frequency Tables V to VIII for Bird Island, South Georgia, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE V — MAY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1		2			1	1		1		1		7
2	2	3	6	2	1	2	3	2	4				25
3	2	3	5	2	1	1	5	7	3			1	30
4	1	2	5			3	8	5	2			1	27
5		2		2		1	4	3	2				14
6				1			5	1					7
7													
≥ 8													
Totals	6	10	18	7	2	8	26	18	12		1	2	110

CALMS – 14

TABLE VI — JUNE.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		1		1		1	3	1	3				10
2	1	1	3	2		5			5	1		1	19
3		2	6			7	1	1	2	2			21
4		1	4			11	5	2	17	1			41
5						3	1	6	4				14
6			1						1				2
7								1					1
≥ 8								1					1
Totals	1	5	14	3		27	10	12	32	4		1	109

CALMS – 11

TABLE VII — JULY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2		4	1	1	6			1				15
2	2	1	6	2	1	6		2	11			1	32
3	3	2	7	2		6			9			3	32
4			2			2	4	2	7				17
5	1		2						4				7
6									1				1
7						1							1
≥ 8													
Totals	8	3	21	5	2	21	4	4	33			4	105

CALMS – 19

TABLE VIII — AUGUST.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2		3	1			3		5	1		1	16
2		1		1	1	6	3		11				23
3	2		5	1	2		1		16			1	28
4	1		3			2	1		18	1			26
5		1	3						8	1		1	14
6							1		4				5
7													
≥ 8	1												1
Totals	6	2	14	3	3	8	9		62	3		3	113

CALMS – 11

Frequency Tables IX to XII for Bird Island, South Georgia, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE IX — SEPTEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			7	1			2		6			1	17
2			4	1		2	1		12				20
3			6	2			1		23				32
4			2	1				1	20	2	1		27
5			1						10	1			12
6			1						3				4
7													
≥ 8													
Totals			21	5		2	4	1	74	3	1	1	112

CALMS - 8

TABLE X — OCTOBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			3	1		2			8	1			15
2	1		5			2	1	1	13			1	24
3	4		2			3			22		1		32
4			2			3			21	1		2	27
5									7	1			10
6							1		2				3
7													
≥ 8													
Totals	5		12	1		10	2	1	73	3	1	3	111

CALMS - 13

TABLE XI — NOVEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2		10			1	1		9	1		1	25
2	2		7			1		1	10			1	22
3			6	1		2			17				26
4			4						12			1	17
5									2				2
6													
7													
≥ 8													
Totals	4		27	1		4	1	1	50	1		3	92

CALMS - 28

TABLE XII — DECEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1		13			2			12			2	30
2			8						17	1		1	27
3	2		6	1					14	2			25
4			5			3	1		11	3			23
5			3	2					3	1			9
6													
7									1				1
≥ 8													
Totals	3		35	3		5	1		58	7		3	115

CALMS - 9

Means and Extremes Table I for Signy Island, South Orkneys, 1963.

MONTH	M. S. L. PRESSURE (mb.)					AIR TEMPERATURE (°C)													
	1-2 DAILY MEAN	EXTREMES [3]				MEAN AT [1]								1-2 DAILY MEAN	MEAN DAILY [1]		EXTREMES [1]			
		HIGH	DATE	LOW	DATE	0000	0300	0600	0900	1200	1500	1800	2100		MAX.	MIN.	MAX.	DATE	MIN.	DATE
January	983.3	998.4	10th	949.7	24th	1.5	1.3	1.3	1.8	2.2	2.3	2.2	1.6	1.8	3.7	0.0	9.4	14th	-2.8	29th
February	989.6	1004.6	5th	966.2	28th	1.5	1.4	1.3	1.7	2.0	2.2	2.0	1.7	1.7	3.8	-0.2	7.8	8th	-2.6	20th
March	982.8	1006.3	12th	959.2	31st	0.0	-0.1	-0.1	0.2	0.7	0.6	0.1	0.0	0.2	2.5	-2.5	*10.7*	*14th*	-6.8	28th
April	989.7	1011.0	16th	954.1	4th	-1.9	-1.8	-2.3	-2.0	-1.6	-1.6	-1.7	-1.7	-1.8	0.3	-4.0	6.5	4th	-12.8	29th
May	993.1	1013.6	26th	*949.6*	*12th*	-2.8	-3.0	-3.3	-3.4	-3.1	-2.9	-2.8	-2.7	-3.0	-0.3	-5.4	4.8	31st	-13.3	16th
June	993.9	*1025.9*	*10th*	956.4	23rd	-7.3	-6.9	-7.1	-7.1	-6.7	-6.6	-7.2	-7.8	-7.1	-3.9	-10.6	2.9	1st	-16.6	26th, 30th
July	996.7	1022.8	12th	964.1	18th	-6.6	-6.8	-6.7	-6.5	-6.1	-6.2	-6.0	-5.7	-6.3	-3.0	-10.0	4.1	13th	-22.1	7th, 8th
August	998.9	1019.7	23rd, 24th	964.7	8th	-9.6	-10.1	-10.4	-10.1	-9.0	-8.7	-9.4	-9.8	-9.6	-6.0	-13.1	2.5	2nd, 6th	*-24.1*	*31st*
September	997.1	1020.3	11th	961.7	29th	-7.2	-7.3	-7.1	-6.4	-5.6	-6.1	-6.9	-7.3	-6.7	-3.4	-10.8	2.4	14th	-23.0	3rd
October	987.0	1007.1	30th	965.7	25th	-7.8	-8.1	-7.9	-7.4	-6.5	-6.0	-6.4	-7.1	-7.1	-4.0	-10.7	2.2	14th	-16.1	18th
November	994.9	1010.0	5th	977.9	24th	-1.9	-2.4	-2.6	-2.4	-1.7	-1.4	-1.5	-1.6	-1.9	0.7	-4.1	6.9	30th	-16.0	1st
December	991.4	1008.1	18th	968.9	7th	0.1	0.0	0.2	0.4	0.8	1.2	0.8	0.4	0.5	3.1	-1.5	*10.7*	*26th*	-4.4	8th
Total	11898.4	12147.8	—	11538.2	—	-42.0	-43.8	-44.7	-41.2	-34.6	-33.2	-36.8	-40.0	-39.3	-6.5	-72.9	70.9	—	-160.6	—
Mean	991.5	1012.3	—	961.5	—	-3.5	-3.7	-3.7	-3.4	-2.9	-2.8	-3.1	-3.3	-3.3	-0.5	-6.1	5.9	—	-13.4	—

Means and Extremes Table II for Signy Island, South Orkneys, 1963.

MONTH	RELATIVE HUMIDITY %									CLOUD AMOUNT (oktas)									SUNSHINE			RAINFALL (mm.)[1]		
	MEAN AT [1]								1-2 DAILY MEAN.	MEAN AT [1]								1-2 DAILY MEAN	MEAN Daily		Mean Length of Day	TOTAL	MAX. FALL	DATE
	0000	0300	0600	0900	1200	1500	1800	2100		0000	0300	0600	0900	1200	1500	1800	2100		REC.	EST.				
January	86	88	86	83	83	83	83	84	85	6.9	7.5	7.3	7.3	7.3	7.1	7.1	6.8	7.2	2.5	Not recorded	18.1	Not recorded	Not recorded	Not recorded
February	89	88	87	87	87	86	87	87	87	7.4	7.3	7.7	7.5	7.6	7.4	7.4	7.9	7.5	0.9		15.5			
March	79	79	81	80	80	81	82	82	80	6.4	7.0	7.5	7.4	7.3	7.5	7.5	6.5	7.1	1.1		12.7			
April	83	83	84	81	82	82	83	83	83	7.4	6.9	7.3	6.9	6.9	6.9	7.5	7.2	7.1	1.2		9.8			
May	86	86	87	87	87	87	86	86	87	6.7	6.8	6.8	6.8	7.2	7.1	6.8	6.7	6.9	0.6		7.2			
June	87	84	84	87	87	86	87	88	86	6.7	6.6	6.2	7.0	7.0	7.1	6.1	6.6	6.7	0.2		5.7			
July	82	84	87	84	83	83	84	83	84	4.8	5.2	5.6	6.1	6.3	6.4	5.6	5.2	5.7	0.8		6.4			
August	85	85	86	83	84	85	83	83	84	6.0	6.4	6.4	6.9	7.0	7.3	6.8	6.2	6.6	0.8		8.8			
September	86	87	85	85	86	86	87	85	86	6.6	6.4	6.5	7.1	7.2	7.3	7.3	6.6	6.9	1.0		11.5			
October	86	87	87	86	84	82	83	86	85	6.9	7.0	7.8	7.5	7.4	7.4	7.5	6.9	7.3	1.3		14.4			
November	85	86	86	85	84	84	86	83	85	6.7	7.5	7.2	7.1	6.8	7.1	6.9	7.2	7.1	2.2		17.2			
December	88	88	87	87	86	85	87	87	87	7.5	7.3	7.5	7.2	7.4	7.4	7.5	7.5	7.4	1.8		18.9			
Total	1022	1025	1027	1015	1013	1010	1018	1017	1019	80.0	81.9	83.8	84.8	85.4	86.3	84.0	81.3	83.5	14.4		146.2			
Mean	85	85	86	85	84	84	85	85	85	6.7	6.8	7.0	7.1	7.1	7.2	7.0	6.8	7.0	1.2		12.2			

Frequency Tables I to IV for Signy Island, South Orkneys, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE I — JANUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		2	2	5	8	3		2	7	7	8	3	47
2		2	1	3	4	1	1	2		4	3		21
3		1		2	12		1		3	8	8	4	39
4			2	2	10				2	17	26	3	62
5	4				7					6	18		35
6					6					2	10		18
7					3					1	1		5
≥ 8													
Totals	4	5	5	12	50	4	2	4	12	45	74	10	227

CALMS – 21

TABLE II — FEBRUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1				1	3	1	1			3	3		12
2				2	2		3	1	1	5	3	1	18
3	3			1	5	2	1	1	3	23	8	1	48
4	3	2			7			2	4	21	18	2	59
5	2	1			5				6	14	8		36
6					5				1	7	9		22
7					4					3	7		14
≥ 8										1	2		3
Totals	8	3		4	31	3	5	4	15	77	58	4	212

CALMS – 12

TABLE III — MARCH.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2	2			1	2			2	4	4	1	18
2		1	1	2	2	1	2		1	6	4		20
3		1	1		5	2	1	2	9	7	7	4	39
4	1			1	6		1	5	10	14	17	2	57
5	1								1	8	15	2	27
6								3	8	12	14	4	41
7	1							1	3	3	10	3	21
≥ 8	1								3	4	1	4	13
Totals	6	4	2	3	14	5	4	11	37	58	72	20	236

CALMS – 12

TABLE IV — APRIL.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1		1	4	3	2	3	1	4	8	3		30
2				1	1		2	3	7	5	4		23
3	2		2	4	5	1	2	2	10	5	4	1	38
4	1	1		2	1		3		9	7	10	1	35
5				5	2			1	9	1	9	3	30
6	1			1	4				4	3	13	1	27
7					6					2	8	4	20
≥ 8	2				4					3	3	4	16
Totals	7	1	3	17	26	3	10	7	43	34	54	14	219

CALMS – 21

Frequency Tables V to VIII for Signy Island, South Orkneys, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE V — MAY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2			3	1			2	8	7	3	1	27
2				1	5	4	1	4	1	3	2		21
3			1	4	2	2	2	1	4	9	6	2	33
4	2	3	1	4	1		1	10	8	7	14	4	55
5	2	3			1			4	1	12	11	3	37
6	3	2	1						3	4	12	2	27
7	2	3			1						4	2	12
≥ 8		1									4	1	6
Totals	11	12	3	12	11	6	4	21	25	42	56	15	218

CALMS – 30

TABLE VI — JUNE.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	1	1	4	6		3	2		7		1	26
2	1	1		3	6	3	1	2	3	3	2	2	27
3	1			2	8	3		4	7	3	2		30
4	1	1		4	5			1	11	9	5	1	38
5	2				3				7	12	14		38
6					1			1	3	15	6		26
7									1	7	5		13
≥ 8										6	3		9
Totals	6	3	1	13	29	6	4	10	32	62	37	4	207

CALMS – 33

TABLE VII — JULY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1				4	4	2		2		2	1	1	16
2	1			2	1	2		2	2		4		14
3	1		1	1	5		1	3	4	9	4	1	30
4	3			1	4	1	1	2	13	18	15	5	63
5	1				2				2	7	15	8	35
6	4								1	2	22	7	36
7	2								1	7	7	7	24
≥ 8	1									1	4	6	12
Totals	13		1	8	16	5	2	9	23	46	72	35	230

CALMS – 18

TABLE VIII — AUGUST.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		1		5	6	3	3	3	2	5	1	1	30
2			1		4		1	2	3	1			12
3		1	1	1	9	3	3	4	7	5	6		40
4		1	1		6	1		4	10	6	3	3	35
5					1				2	5	5	3	16
6					2				5	6	10	4	27
7									1	7	16	9	33
≥ 8									1		4	8	13
Totals		3	3	6	28	7	7	13	31	35	45	28	206

CALMS – 42

Frequency Tables IX to XII for Signy Island, South Orkneys, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE IX — SEPTEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1			2	1	3			1	3	3		14
2	1				1	1	2	2	7	5	6		25
3	2				2	1	2	3	4	13	9		36
4	2					1		1	7	21	14		46
5						1		1	9	9	9	1	30
6								2	3	5	17		27
7									3	9	16	1	29
≥ 8									2	1	9		12
Totals	6			2	4	7	4	9	36	66	83	2	219

CALMS – 21

TABLE X — OCTOBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2	1	1	3	4		2	2	3	4	2	3	27
2					5	3	1	2	1	7	6	2	27
3		3		1	6	1	3	4	8	9	6		41
4	1				11		1	3	7	7	10		40
5			2		3			1	10	8	7	1	32
6	1		2		1			1	5	5	8		23
7		1	1		2				7		8		19
≥ 8										1	1		2
Totals	4	5	6	4	32	4	7	13	41	41	48	6	211

CALMS – 37

TABLE XI — NOVEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		1				1	1		2	3	4		12
2	1						1	3	3	11	1	1	21
3	1							2	11	14	9	1	38
4								4	10	11	20	3	48
5									4	10	19	1	34
6	1	2						1	2	8	30		44
7									1	6	18		25
≥ 8										4	10		14
Totals	3	3				1	2	10	33	67	111	6	236

CALMS – 4

TABLE XII — DECEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		1	1	4	3			1	3	1	1		15
2	1				4	5	3	1	4	6			24
3	1				5		5	6	5	9	3		34
4	1	1	1		3			1	4	16	8		35
5			1		2				3	14	14	1	35
6		1			3				6	17	12		39
7		1			1				1	3	6		12
≥ 8		1			1					2	1		5
Totals	3	5	3	4	22	5	8	9	26	68	45	1	199

CALMS – 49

Means and Extremes Table I for Deception Island, South Shetlands, 1963.

Month	M.S.L. Pressure (mb.)					Air Temperature (°C)													
	1-2 Daily Mean	Extremes [3]				Mean at [1]								1-2 Daily Mean	[1] Mean Daily		[1] Extremes			
		High	Date	Low	Date	0200	0500	0800	1100	1400	1700	2000	2300		Max.	Min.	Max.	Date	Min.	Date
January	982.6	994.9	9th	952.2	23rd	1.2	1.5	2.3	3.1	3.4	2.9	1.9	1.3	2.2	4.4	0.3	7.2	12th	−3.2	25th
February	987.3	1001.3	4th	969.0	26th	1.6	1.7	2.1	2.8	3.2	3.1	2.0	1.5	2.3	4.4	0.3	*9.4*	*2nd*	−3.0	28th
March	979.7	998.1	26th	*949.0*	*31st*	−0.5	−0.5	−0.5	−0.4	−0.5	−0.5	−0.4	−0.6	−0.5	1.4	−2.6	7.3	14th	−8.3	25th
April	988.5	1005.0	11th	958.5	4th	−2.7	−2.6	−2.9	−2.5	−2.2	−2.5	−2.5	−2.6	−2.6	−1.1	−4.5	3.2	3rd	−10.6	11th
May	988.7	1010.1	5th	949.3	31st	−1.5	−1.7	−1.7	−2.0	−2.0	−2.4	−2.5	−2.0	−2.0	−0.1	−4.2	5.1	26th	−8.1	4th
June	993.7	*1024.2*	*11th*	955.9	23rd	−4.3	−4.3	−4.4	−4.3	−4.1	−4.3	−4.3	−4.2	−4.3	−2.4	−6.0	1.7	9th	−11.2	4th
July	990.3	1016.5	7th	962.6	25th	−4.6	−4.7	−4.9	−5.2	−5.1	−4.8	−4.7	−4.9	−4.9	−2.5	−7.6	3.3	12th	−16.5	18th
August	996.9	1013.1	14th	961.9	2nd	−8.1	−8.4	−8.5	−8.0	−7.9	−8.2	−8.3	−8.7	−8.3	−4.6	−11.7	1.6	5th	−19.4	26th
September	998.2	1019.4	11th	967.9	25th, 28th	−6.1	−6.3	−6.6	−6.3	−6.1	−6.2	−6.2	−5.9	−6.2	−3.0	−10.0	1.9	23rd	*−21.7*	*3rd*
October	990.7	1008.4	30th	969.1	25th	−4.6	−4.6	−4.0	−3.6	−3.3	−3.6	−4.2	−4.3	−4.0	−1.8	−6.5	1.1	14th	−15.0	2nd
November	991.3	1007.7	4th, 5th	970.9	29th	−1.2	−1.0	−0.5	−0.3	−0.1	−0.3	−0.6	−0.9	−0.6	−1.1	−2.3	3.2	21st	−7.2	11th
December	988.0	1005.1	17th	967.4	4th	0.2	0.3	1.0	1.1	1.1	0.9	0.4	0.1	0.6	2.6	−1.1	5.7	23rd	−5.6	9th
Total	11875.9	12103.8	—	11533.7	—	−30.6	−30.6	−28.6	−25.6	−23.6	−25.9	−29.4	−31.2	−28.3	−3.8	−55.9	50.7	—	−129.8	—
Mean	989.7	1008.7	—	961.1	—	−2.5	−2.5	−2.4	−2.1	−2.0	−2.2	−2.5	−2.6	−2.4	−0.3	−4.7	4.2	—	−10.8	—

Means and Extremes Table II for Deception Island, South Shetlands, 1963.

MONTH	RELATIVE HUMIDITY %									CLOUD AMOUNT (oktas)									SUNSHINE			RAINFALL (mm.)[1]		
	Mean at [1]								1-2 Daily Mean.	Mean at [1]								1-2 Daily Mean	Mean Daily		Mean Length of Day	Total	Max. Fall	Date
	0200	*0500*	*0800*	*1100*	*1400*	*1700*	*2000*	*2300*		*0200*	*0500*	*0800*	*1100*	*1400*	*1700*	*2000*	*2300*		Rec.	Est.				
January	86	85	82	77	76	78	82	85	81	7.1	6.7	7.1	6.8	6.8	7.1	7.1	7.1	7.0	2.6		18.9			
February	85	88	88	86	83	81	85	86	85	7.0	7.6	7.7	7.5	7.3	6.6	7.2	6.7	7.2	1.3		15.9			
March	82	83	83	81	80	79	79	80	81	7.1	7.6	7.5	7.5	7.3	7.1	7.4	6.9	7.3	0.8		12.7			
April	82	81	81	83	81	80	82	82	81	7.3	7.3	7.2	7.6	7.1	7.1	7.1	7.3	7.3	0.5		9.6			
May	83	83	83	84	84	84	84	82	83	7.0	7.4	7.4	7.2	7.3	7.3	6.6	6.6	7.1	0.0		6.7			
June	75	76	77	78	80	79	79	76	77	6.9	7.4	7.5	7.1	7.2	6.8	6.5	6.7	7.0	0.0		4.9			
July	80	79	78	80	82	80	80	80	80	7.2	6.4	6.3	6.4	6.6	6.7	6.9	6.4	6.6	0.0		5.7			
August	86	86	87	88	88	87	86	86	87	6.7	6.7	7.4	7.1	7.0	7.1	6.7	7.1	7.0	0.2		8.4			
September	86	85	86	86	83	83	84	84	85	6.9	7.0	6.7	6.9	6.5	6.5	6.3	6.6	6.7	1.4		11.5			
October	85	85	85	85	86	85	85	85	85	6.6	7.0	7.1	6.8	7.0	6.4	6.3	5.7	6.6	1.9		14.6			
November	86	87	88	87	87	87	87	87	87	7.3	7.3	7.4	7.3	7.2	7.0	7.0	7.3	7.2	2.3		17.9			
December	87	90	87	89	88	88	90	89	89	7.6	7.8	7.5	7.5	7.4	7.4	7.3	7.4	7.5	1.3		20.1			
Total	1003	1008	1005	1004	998	991	1003	1002	1001	84.7	86.2	86.8	85.7	84.7	83.1	82.4	81.8	84.5	12.3		146.9			
Mean	84	84	84	84	83	83	84	83	83	7.1	7.2	7.2	7.1	7.1	6.9	6.9	6.8	7.0	1.0		12.2			

Not recorded

Not recorded

Not recorded

Means and Extremes Table I for Deception Island, South Shetlands, 1963.

MONTH	M. S. L. PRESSURE (mb.)					AIR TEMPERATURE (°C)													
	1-2 DAILY MEAN	EXTREMES [3]				MEAN AT [1]								1-2 DAILY MEAN	MEAN DAILY [1]		EXTREMES [1]			
		HIGH	DATE	LOW	DATE	0200	0500	0800	1100	1400	1700	2000	2300		MAX.	MIN.	MAX.	DATE	MIN.	DATE
January	982.6	994.9	9th	952.2	23rd	1.2	1.5	2.3	3.1	3.4	2.9	1.9	1.3	2.2	4.4	0.3	7.2	12th	-3.2	25th
February	987.3	1001.3	4th	969.0	26th	1.6	1.7	2.1	2.8	3.2	3.1	2.0	1.5	2.3	4.4	0.3	*0.4*	*2nd*	-3.0	28th
March	979.7	998.1	26th	*949.0*	*31st*	-0.5	-0.5	-0.5	-0.4	-0.5	-0.5	-0.4	-0.6	-0.5	1.4	-2.6	7.3	14th	-8.3	25th
April	988.5	1005.0	11th	958.5	4th	-2.7	-2.6	-2.9	-2.5	-2.2	-2.5	-2.5	-2.6	-2.6	-1.1	-4.5	3.2	3rd	-10.6	11th
May	988.7	1010.1	5th	949.3	31st	-1.5	-1.7	-1.7	-2.0	-2.0	-2.4	-2.5	-2.0	-2.0	-0.1	-4.2	5.1	26th	-8.1	4th
June	993.7	*1024.2*	*11th*	955.9	23rd	-4.3	-4.3	-4.4	-4.3	-4.1	-4.3	-4.3	-4.2	-4.3	-2.4	-6.0	1.7	9th	-11.2	4th
July	990.3	1016.5	7th	962.6	25th	-4.6	-4.7	-4.9	-5.2	-5.1	-4.8	-4.7	-4.9	-4.9	-2.5	-7.6	3.3	12th	-16.5	18th
August	996.9	1013.1	14th	961.9	2nd	-8.1	-8.4	-8.5	-8.0	-7.9	-8.2	-8.3	-8.7	-8.3	-4.6	-11.7	1.6	5th	-19.4	26th
September	998.2	1019.4	11th	967.9	25th, 28th	-6.1	-6.3	-6.6	-6.3	-6.1	-6.2	-6.2	-5.9	-6.2	-3.0	-10.0	1.9	23rd	*-21.7*	*3rd*
October	990.7	1008.4	30th	969.1	25th	-4.6	-4.6	-4.0	-3.6	-3.3	-3.6	-4.2	-4.3	-4.0	-1.8	-6.5	1.1	14th	-15.0	2nd
November	991.3	1007.7	4th, 5th	970.9	20th	-1.2	-1.0	-0.5	-0.3	-0.1	-0.3	-0.6	-0.9	-0.6	-1.1	-2.3	3.2	21st	-7.2	11th
December	988.0	1005.1	17th	967.4	4th	0.2	0.3	1.0	1.1	1.1	0.9	0.4	0.1	0.6	2.6	-1.1	5.7	23rd	-5.6	9th
Total	11875.9	12103.8	—	11533.7	—	-30.6	-30.6	-28.6	-25.6	-23.6	-25.9	-29.4	-31.2	-28.3	-3.8	-55.9	50.7	—	-129.8	—
Mean	989.7	1008.7	—	961.1	—	-2.5	-2.5	-2.4	-2.1	-2.0	-2.2	-2.5	-2.6	-2.4	-0.3	-4.7	4.2	—	-10.8	—

Means and Extremes Table II for Deception Island, South Shetlands, 1963.

MONTH	RELATIVE HUMIDITY %									CLOUD AMOUNT (oktas)									SUNSHINE			RAINFALL (mm.)[1]		
	MEAN AT [1]								1-2 DAILY MEAN.	MEAN AT [1]								1-2 DAILY MEAN	MEAN Daily		Mean Length of Day	TOTAL	MAX. FALL	DATE
	0200	*0500*	*0800*	*1100*	*1400*	*1700*	*2000*	*2300*		*0200*	*0500*	*0800*	*1100*	*1400*	*1700*	*2000*	*2300*		REC.	EST.				
January	86	85	82	77	76	78	82	85	81	7.1	6.7	7.1	6.8	6.8	7.1	7.1	7.1	7.0	2.6		18.9			
February	85	88	88	86	83	81	85	86	85	7.0	7.6	7.7	7.5	7.3	6.6	7.2	6.7	7.2	1.3		15.9			
March	82	83	83	81	80	79	79	80	81	7.1	7.6	7.5	7.5	7.3	7.1	7.4	6.9	7.3	0.8		12.7			
April	82	81	81	83	81	80	82	82	81	7.3	7.3	7.2	7.6	7.1	7.1	7.1	7.3	7.3	0.5		9.6			
May	83	83	83	84	84	84	84	82	83	7.0	7.4	7.4	7.2	7.3	7.3	6.6	6.6	7.1	0.0		6.7			
June	75	76	77	78	80	79	79	76	77	6.9	7.4	7.5	7.1	7.2	6.8	6.5	6.7	7.0	0.0		4.9			
July	80	79	78	80	82	80	80	80	80	7.2	6.4	6.3	6.4	6.6	6.7	6.9	6.4	6.6	0.0		5.7			
August	86	86	87	88	88	87	86	86	87	6.7	6.7	7.4	7.1	7.0	7.1	6.7	7.1	7.0	0.2		8.4			
September	86	85	86	86	83	83	84	84	85	6.9	7.0	6.7	6.9	6.5	6.5	6.3	6.6	6.7	1.4		11.5			
October	85	85	85	85	86	85	85	85	85	6.6	7.0	7.1	6.8	7.0	6.4	6.3	5.7	6.6	1.9		14.6			
November	86	87	88	87	87	87	87	87	87	7.3	7.3	7.4	7.3	7.2	7.0	7.0	7.3	7.2	2.3		17.9			
December	87	90	87	89	88	88	90	89	89	7.6	7.8	7.5	7.5	7.4	7.4	7.3	7.4	7.5	1.3		20.1			
Total	1003	1008	1005	1004	998	991	1003	1002	1001	84.7	86.2	86.8	85.7	84.7	83.1	82.4	81.8	84.5	12.3		146.9			
Mean	84	84	84	84	83	83	84	83	83	7.1	7.2	7.2	7.1	7.1	6.9	6.9	6.8	7.0	1.0		12.2			

Not recorded

Not recorded

Not recorded

Frequency Tables I to IV for Deception Island, South Shetlands, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE I — JANUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	3	1		3	2	1	1	1	1		4	3	20
2	1	2		3	2			3	8	7	10	5	41
3		2	1	8		1		1	10	15	12	8	58
4	3	1	4	6	1			3	12	11	9	9	59
5			7	6				1	16	2		1	33
6		1	6	2				5	13		1		28
7			1					2					3
≥ 8													
Totals	7	7	19	28	5	2	1	16	60	35	36	26	242

CALMS – 6

TABLE II — FEBRUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2	2		1	1	2	1		1	1	1	3	15
2	1	1	1		1	1	2		3	8	10	6	34
3		2	2	2	2	1		2	5	13	14	7	50
4	4	8	2	1				2	11	12	6	6	52
5	1	3	7				1		7	5	4	3	31
6	1	2	9	1					8	1	1		23
7		1							1				2
≥ 8													
Totals	9	19	21	5	4	4	4	4	36	40	36	25	207

CALMS – 17

TABLE III — MARCH.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			1		2					3	2	2	10
2		1	1	2	1			1	1	4	3		14
3	1	2	5	4		2		2	5	12	9	4	46
4	5	15	6	1	1			3	24	12	8	6	81
5	9	2	4				1	2	7	9	5	5	44
6	2	2	11		1			5	6	1	1	1	30
7		3	4					1	2				10
≥ 8								2	2				4
Totals	17	25	32	7	5	2	1	16	47	41	28	18	239

CALMS – 9

TABLE IV — APRIL.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	1	1	2	2			1		2	5	2	17
2	2	1	1	1		1		3	2	3	3	3	20
3	1		2	7	2		1	2	12	9	11	1	48
4	5	6	5	2	1		1		14	10	9	9	62
5	1	5	6	2				2	10	1	3	8	38
6	2	6	8					1	11	1			29
7	1		3					2	5				11
≥ 8			1										1
Totals	13	19	27	14	5	1	2	11	54	26	31	23	226

CALMS – 14

Frequency Tables V to VIII for Deception Island, South Shetlands, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE V — MAY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	1	1					1	1	2	1	6	14
2		1		1	1	1	2		1	2	5	2	16
3	1	3							4	6	12	11	37
4	6	2	6			1	3		13	17	12	22	82
5	5	5	10					4	2	1	4	3	34
6	5	1	16		1			1	7		1	7	39
7	3	3	14						1				21
≥ 8	1								1				2
Totals	22	16	47	1	2	2	5	6	30	28	35	51	245

CALMS – 3

TABLE VI — JUNE.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	1		1					1	4	4	2	14
2	2		2	2				1	2	1	4	1	15
3	1	1	3				2		4	7	7	9	34
4		5	7	1		1		2	19	12	10	3	60
5			3					5	19	9	3	3	42
6	1	3	2					3	10	5	2		26
7		1	1					6	4				12
≥ 8		1	20						2				23
Totals	5	12	38	4		1	2	17	61	38	30	18	226

CALMS – 14

TABLE VII — JULY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			1						1	4	1	1	8
2		1	2							3	4	4	14
3	1		1		1			2	2	12	9	3	31
4	3	6	2					3	17	14	15	13	73
5	8	11	2						8	5	3	19	56
6	5	5	1					2	15			9	37
7	1	3	8					1	3	3	1	3	23
≥ 8												1	1
Totals	18	26	17		1			8	46	41	33	53	243

CALMS – 5

TABLE VIII — AUGUST.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1				1				1		2	2	7
2		1	1						2	4	9	2	19
3	1	2	1	1			1	2	5	12	18	9	52
4	1	2	7		1				6	27	21	9	74
5	2	4	2					2	8	13	2	5	38
6	2	3	3						8	2	3	3	24
7	3	1	3						2		1		10
≥ 8		1									1		2
Totals	10	14	17	1	2		1	4	32	58	57	30	226

CALMS – 22

Frequency Tables IX to XII for Deception Island, South Shetlands, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE IX — SEPTEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1													
2			1							1	2		3
3			2					1	1	5	6	3	16
4	1	2	4				1	2	6	16	28	18	78
5	1	1	3						11	8	3	11	38
6								3	12	3	4	3	25
7		1	4		1			2	8	5	2		23
≥ 8			4						13				17
Totals	2	4	18		1		1	8	51	46	60	46	237

CALMS - 3

TABLE X — OCTOBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		1			1	1			1	4	8	3	21
2	1	2						4	2	7	16	3	41
3	2	3	1	3		1		9	19	29	14	5	89
4	1	6	3	2				2	15	5	2		30
5	1	2	3					3	15	4	1		33
6		1	7	2				6	7				15
7			1	1				1	1	1			3
≥ 8													
Totals	5	15	15	8	1	2		25	60	50	43	13	237

CALMS - 11

TABLE XI — NOVEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1				1	1	1					2	1	6
2		1			5	2				4	7	1	20
3			1	2	2				5	11	13	14	48
4		1	3					3	17	23	20	26	93
5	2	1	1					3	4	11	7	7	36
6			5						5	1	4	9	24
7			2						2		2	1	7
≥ 8													
Totals	2	3	12	3	8	3		6	33	50	55	59	234

CALMS - 6

TABLE XII — DECEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2	2			2		1	1	2	2	2	2	16
2	1				2	1		1	2	9	9	3	28
3		4	1		2				1	5	16	9	38
4	4	4	7	2					1	11	22	23	74
5		10	7						1	3	2	4	27
6	2	5	21	1					4	1	1	2	37
7		3	13						2		3		21
≥ 8		2	2										4
Totals	9	30	51	3	6	1	1	2	13	31	55	43	245

CALMS - 3

Means and Extremes Table I for Argentine Islands, 1963.

MONTH	M. S. L. PRESSURE (mb.)					AIR TEMPERATURE (°C)													
	1-2 Daily Mean	Extremes [3]				Mean at [1]								1-2 Daily Mean	Mean Daily [1]		Extremes [1]			
		High	Date	Low	Date	0200	0500	0800	1100	1400	1700	2000	2300		Max.	Min.	Max.	Date	Min.	Date
January	982.4	995.4	9th	952.6	23rd	-0.9	-0.5	0.1	0.9	1.3	0.7	0.2	-0.4	0.2	2.4	-1.8	6.2	5th	-4.6	22nd
February	986.2	1000.8	14th	969.3	21st	-0.1	-0.2	0.1	0.7	0.9	0.8	0.4	0.0	0.3	2.2	-1.2	6.0	4th	-6.3	28th
March	978.3	997.8	26th	*942.3*	*31st*	-2.4	-2.5	-2.2	-1.9	-1.7	-1.8	-1.9	-2.2	-2.1	0.3	-4.0	*8.6*	*12th*	-7.8	21st
April	987.9	1004.7	11th	952.7	3rd	-4.7	-4.7	-4.7	-4.1	-4.0	-4.6	-4.7	-4.6	-4.5	-2.3	-7.0	5.2	2nd	-11.3	11th
May	986.4	1011.6	5th	953.6	31st	-3.7	-3.5	-3.5	-3.6	-3.8	-3.9	-3.6	-3.8	-3.7	-1.0	-6.6	4.6	7th	-12.6	15th
June	993.0	*1024.5*	*11th*	949.9	23rd	-6.6	-6.5	-6.7	-6.5	-6.5	-6.7	-6.6	-7.1	-6.7	-3.9	-8.9	1.8	15th	-17.4	27th
July	988.2	1019.0	8th	956.3	25th	-9.1	-9.3	-9.3	-9.3	-9.1	-9.1	-8.1	-8.1	-8.9	-4.4	-13.1	5.2	12th	-24.3	19th
August	997.3	1016.2	14th	963.1	5th, 6th	-15.6	-15.6	-15.9	-14.9	-15.0	-16.4	-16.8	-16.7	-15.9	-10.4	-21.8	0.7	29th	*-35.4*	*27th*
September	997.9	1019.8	11th	963.7	28th	-11.1	-11.9	-12.1	-10.9	-9.8	-10.7	-11.2	-11.0	-11.1	-5.9	-16.5	2.7	12th	-31.3	4th
October	991.2	1009.5	30th	968.1	24th	-9.9	-9.8	-9.0	-7.0	-6.1	-6.8	-8.5	-9.5	-8.3	-4.3	-13.3	0.6	13th	-30.2	1st
November	990.1	1007.8	2nd	969.2	9th	-3.9	-3.6	-2.8	-1.5	-1.0	-1.3	-2.3	-3.0	-2.4	0.2	-5.6	3.5	6th	-18.6	2nd
December	986.4	1003.3	17th	965.8	4th	-0.7	-0.4	0.4	0.9	1.3	0.7	0.2	-0.4	0.3	2.3	-1.6	6.2	18th	-6.0	2nd
Total	11865.3	12110.4	—	11506.6	—	-68.7	-68.5	-65.6	-57.2	-53.5	-59.1	-62.9	-66.8	-62.8	-24.8	-101.4	51.3	—	-205.8	—
Mean	988.8	1009.2	—	958.9	—	-5.7	-5.7	-5.5	-4.8	-4.5	-4.9	-5.2	-5.6	-5.2	-2.1	-8.5	4.3	—	-17.1	—

Means and Extremes Table II for Argentine Islands, 1963.

MONTH	RELATIVE HUMIDITY %									CLOUD AMOUNT (oktas)									SUNSHINE			RAINFALL (mm.)[1]		
	Mean at [1]								1-2 Daily Mean.	Mean at [1]								1-2 Daily Mean	Mean Daily		Mean Length of Day	Total	Max. Fall	Date
	0200	0500	0800	1100	1400	1700	2000	2300		0200	0500	0800	1100	1400	1700	2000	2300		Rec.	Est.				
January	94	91	89	87	85	88	91	93	90	6.6	6.7	6.7	6.5	6.5	6.7	6.7	6.5	6.6	4.7		19.9			
February	92	92	90	87	87	87	90	91	89	6.9	7.4	7.4	7.1	7.1	6.6	6.9	6.3	7.0	2.2		16.3			
March	87	87	85	82	82	83	84	85	84	6.5	7.1	7.0	7.3	7.1	7.1	7.3	6.8	7.0	1.3		12.8			
April	84	82	84	81	80	83	83	85	83	6.5	6.2	6.1	6.2	6.3	6.6	6.1	6.8	6.3	1.9		9.4			
May	82	82	83	83	81	82	81	81	82	6.0	6.3	7.1	7.3	7.0	6.9	6.1	6.1	6.6	0.6		6.1			
June	86	87	86	87	86	87	87	88	87	6.5	6.1	6.0	6.2	6.9	6.0	6.3	6.1	6.3	0.2		3.8			
July	88	88	86	84	85	86	86	86	86	6.5	6.5	6.0	6.5	6.7	6.4	6.7	6.9	6.5	0.3		4.9			
August	89	90	88	89	88	87	88	88	88	5.8	6.0	6.2	5.9	5.8	5.4	5.3	5.6	5.7	1.6		8.1			
September	91	91	89	88	89	91	90	90	90	6.7	6.2	6.6	6.7	6.5	5.9	6.0	6.0	6.3	2.2		11.4			
October	85	87	85	85	84	85	88	88	86	6.5	6.6	6.4	5.9	5.9	5.9	6.3	6.2	6.2	4.5		14.9			
November	87	88	86	82	81	84	89	90	86	6.6	7.1	6.8	6.6	6.6	6.7	6.7	6.8	6.7	3.4		18.5			
December	91	87	83	79	82	86	89	91	86	7.4	7.3	7.3	7.3	7.5	7.4	7.6	7.2	7.4	1.4		21.6			
Total	1056	1052	1034	1014	1010	1029	1046	1056	1037	78.5	79.5	79.6	79.5	79.9	77.6	78.0	77.3	78.6	24.3		147.7			
Mean	88	88	86	84	84	86	87	88	86	6.5	6.6	6.6	6.6	6.7	6.5	6.5	6.4	6.5	2.0		12.3			

Not recorded

Not recorded

Not recorded

Frequency Tables I to IV for Argentine Islands, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE I — JANUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		2		1		6	3	3	3				18
2	3	10	3	5	2	3	17	13	8	3	1	2	70
3	4	1	1		1		3	3	5	3	3		24
4	16	9					2	3		1			31
5	2	4	1					1					8
6	1	3											4
7													
≥ 8													
Totals	26	29	5	6	3	9	25	23	16	7	4	2	155

CALMS – 93

TABLE II — FEBRUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		2			5	4	5	1				1	18
2	4	3	1	2	3	13	5	7	1	1		2	42
3	6	5	4	1		7	8	5	1	1		1	39
4	8	13	2				9	2					34
5		5	3					1					9
6	1	2											3
7	1												1
≥ 8													
Totals	20	30	10	3	8	24	27	16	2	2		4	146

CALMS – 78

TABLE III — MARCH.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	3	5	2		1	3	2				2		18
2	3	3	3	5	3	9	10	3	2	2		2	45
3	10	16	1	3	3	6	13	4	1	1	3	1	62
4	8	7	1	2		3	6	5		1		1	34
5	3	9		2			2	4				1	21
6	1	5						1				1	8
7	1	2											3
≥ 8		3											3
Totals	29	50	7	12	7	21	33	17	3	4	5	6	194

CALMS – 54

TABLE IV — APRIL.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			1	6	4	2	2	1		1			17
2		4	3	12	9	11	10	5	2	1	1		58
3	1	11	2	1	4	9	14	5	2		1	2	52
4	2	10	1	1		2	1	4	3		1		25
5	1	12						1	2				16
6	1	1	3							1			6
7			1										1
≥ 8													
Totals	5	38	11	20	17	24	27	16	9	3	3	2	175

CALMS – 65

Frequency Tables V to VIII for Argentine Islands, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE V — MAY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1				2		4	7						13
2		3			2	2	19	6	2	1			35
3	4	4	2		1	4	12	5	1				33
4	7	15	4	2		1	1	9				4	43
5	4	14	1	1		1	1	2				1	25
6		15	6	1	1			1				1	25
7		12	8	2									22
≥ 8		2	4										6
Totals	15	65	25	8	4	12	40	23	3	1		6	202

CALMS – 46

TABLE VI — JUNE.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1				1	1	4	3	1	1		1		12
2	5		4		3	10	18	9	3	1	3		56
3		8	1	2	2	7	17	11		2	2	4	56
4	4	6	2			2	2	9	1	4		1	31
5		5	1			2	3		1	1	1		14
6		5	1							1			7
7							1						1
≥ 8													
Totals	9	24	9	3	6	25	44	30	6	9	7	5	177

CALMS – 63

TABLE VII — JULY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1				1	1	2				1	1		6
2	1	1		2	2	1	15	10	1				33
3	2	1	1	1			14	13	1	1	1	1	36
4	8	13	3				1	11	1	3	1	3	44
5	10	22	4					1			1		38
6	2	15	3									1	21
7		3	5							1			9
≥ 8		3	2										5
Totals	23	58	18	4	3	3	30	35	3	6	4	5	192

CALMS – 56

TABLE VIII — AUGUST.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	1	1			3	5	3					14
2	1			4	2	12	12	7			2		40
3	3	2		1	3	10	7	5	1	2	1		35
4	13	5				2	7	12	3			1	43
5	5	1			1			2	1				10
6		2								1			3
7		3											3
≥ 8		3											3
Totals	23	17	1	5	6	27	31	29	5	3	3	1	151

CALMS – 97

Frequency Tables IX to XII for Argentine Islands, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE IX — SEPTEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1					1		2					4
2		3	2	3	2	3	5	4	1			1	24
3	4	3	1	1		12	11	6	1		1	1	41
4	17	3			1	4	13	10	3	5			56
5	14	7					2	3	2				28
6	5	3							2		1		11
7	2	4						3		1			10
>= 8								1					1
Totals	43	23	3	4	3	20	31	29	9	6	2	2	175

CALMS – 65

TABLE X — OCTOBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		1		1	1		4						7
2	2	4	3	2	2	10	6	7	1	1	1		39
3	4	6	1		1	18	13	17	1	1	1		63
4	13	4				7	10	13	4	1			52
5	5	4				1	2	3	2				17
6	1							1					2
7								1					1
>= 8													
Totals	25	19	4	3	4	36	35	42	8	3	2		181

CALMS – 67

TABLE XI — NOVEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			1		1	1	1						4
2				1	3	7	15	9	2	4			41
3	3	3			2	5	20	14	7	1	1	3	59
4	15	9				2	1	5		1		2	35
5	12	8				1							21
6	6	8											14
7	1	4											5
>= 8		1											1
Totals	37	33	1	1	6	16	37	28	9	6	1	5	180

CALMS – 60

TABLE XII — DECEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1					2		2	2	1	2		3	12
2	3	1	1	3	5	4	24	12	2		2	2	59
3	7	9	2	1		4	9	6	2	1	2	3	46
4	10	13		1			1		2			1	28
5	2	5	2						1				10
6	1	1											2
7													
>= 8													
Totals	23	29	5	5	7	8	36	20	8	3	4	9	157

CALMS – 91

Upper Air Means Table I for Argentine Islands, 1963.

MONTH[24]	MEAN AIR AND DEW POINT TEMPERATURES AT STANDARD LEVELS IN °C, for all ascents :—																						
	Surface		900 mb.		850 mb.		800 mb.		700 mb.		600 mb.		500 mb.		400 mb.		300 mb.	200 mb.	150 mb.	100 mb.	Mean Tropopause		
	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Air	Air	Air	Press. mb.	Height	Temp.
January[33]	0.2	-1.6	-3.6	-5.9	-6.0	-8.8	-8.7	11.4	-14.3	-18.2	-20.4	-25.4	-29.5	-34.4	-40.0	—	-49.9	32 -43.6	29 -42.7	23 -42.6	305	8520	-52.8
February	0.1	-1.3	-2.5	27 -4.2	-5.0	27 -6.7	-7.6	27 -9.4	-13.1	27 -15.7	-19.7	27 -23.9	-28.4	27 -34.0	-39.1	17 -43.2	-47.7	27 -43.6	19 -44.0	19 -49.7	310	8480	-50.7
March	-2.3	-4.5	-6.4	30 -9.8	-9.3	30 -12.2	-11.7	30 -14.6	-17.1	30 -21.6	-23.6	30 -28.5	-31.6	30 -38.6	-42.2	—	-50.8	-46.1	30 -47.4	26 -47.7	305	8390	-54.1
April	-4.6	-6.9	-7.9	-11.5	-10.2	-14.1	-12.4	-16.5	-17.2	-23.1	-24.3	-31.9	-33.3	-40.9	-44.3	—	-55.0	28 -52.3	24 -52.5	16 -54.9	287	8810	-58.1
May	-3.6	-6.2	-5.7	30 -8.8	-7.9	30 -11.5	-10.3	30 -14.3	-15.4	30 -21.0	-22.3	30 -28.0	-31.4	30 -35.4	-42.5	—	-55.6	30 -59.9	26 -59.5	16 -62.4	255	9650	-63.3
June	-6.5	-8.6	-9.0	-11.8	-10.8	-13.6	-12.8	-15.8	-17.9	-23.5	-24.8	-30.3	-33.8	27 -39.1	-44.9	—	-57.1	-65.0	28 -65.3	—	28 235	10200	-66.7
July	-9.5	-11.4	-9.3	30 -12.9	-11.5	30 -15.4	-13.3	30 -17.5	-18.7	30 -24.2	-25.9	30 -33.0	-34.9	24 -40.6	-45.8	—	-58.4	30 -68.6	22 -69.3	—	27 237	9980	-67.6
August	-15.7	-17.7	-12.8	-16.4	-14.0	-18.4	-16.1	-20.4	-20.5	-26.9	-27.4	-34.8	-36.3	24 -42.2	-47.1	—	-59.5	30 -70.2	27 -72.6	—	27 212	10510	-71.3
September[34]	-12.7	-14.1	-12.1	-15.6	-13.7	-17.6	-15.7	-20.1	-19.6	-26.5	-26.3	-34.0	-34.9	30 -40.7	-45.2	—	-57.8	32 -69.8	28 -73.6	—	29 213	10710	-70.5
October[32]	-9.3	-11.1	-9.1	30 -13.4	-12.6	30 -15.7	-13.0	30 -18.3	-18.0	30 -24.3	-25.0	30 -31.6	-33.7	27 -40.3	-45.2	—	-58.9	-68.1	31 -68.7	25 -68.4	32 219	10480	-68.6
November	-3.7	-5.3	-5.0	-8.5	-6.7	-11.0	-8.8	-14.6	-14.5	-19.8	-21.0	-28.4	-29.9	-37.6	-40.8	—	-53.8	-58.7	29 -56.9	—	258	9690	-61.2
December	-0.4	-2.5	-3.6	-6.9	-6.0	-9.3	-8.7	-12.0	-14.5	-18.6	-21.3	-26.6	-30.1	-36.9	-41.2	—	-53.7	-47.1	29 -43.3	19 -40.6	293	8740	-55.3
Total	-67.2	-91.2	-87.0	-125.7	-113.7	-154.3	-139.1	-184.9	-200.8	-263.4	-282.0	-356.4	-387.8	-460.7	-518.3	—	-658.2	-693.0	-695.8	-366.3	3129	114160	-740.2
Mean	-5.6	-7.6	-7.3	-10.5	-9.5	-12.9	-11.6	-15.4	-16.7	-22.0	-23.5	-29.7	-32.3	-38.4	-43.2	—	-54.9	-57.7	-58.0	-52.3	261	9513	-61.7

Upper Air Means Table II for Argentine Islands, 1963.

MONTH [24]	MEAN HEIGHTS ABOVE M.S.L. OF STANDARD PRESSURE LEVELS (metres) [22]										
	900 mb.	850 mb.	800 mb.	700 mb.	600 mb.	500 mb.	400 mb.	300 mb.	200 mb.	150 mb.	100 mb
January [33]	699	1148	1620	2643	3797	5122	6679	8594	32 11286	29 13235	23 15965
February	724	1174	1648	2675	3834	5164	6728	8654	27 11354	19 13283	19 15988
March	653	1096	1564	2574	3713	5027	6569	8472	11139	30 13046	26 15717
April	723	1165	1630	2640	3780	5086	6617	8494	29 11097	24 12950	18 15559
May	716	1162	1630	2649	3796	5112	6655	8540	30 11073	26 12871	16 15411
June	764	1205	1669	2677	3814	5115	6644	8513	11015	28 12753	—
July	727	1167	1631	2636	3770	5067	6588	8449	30 10941	22 12684	—
August	776	1211	1669	2665	3789	5079	6591	8433	30 10900	27 12581	—
September [34]	780	1216	1674	2674	3804	5099	6622	8489	32 10964	28 12681	—
October [32]	751	1188	1652	2659	3800	5096	6622	8486	10965	31 12688	26 15110
November	749	1199	1669	2694	3846	5169	6724	8623	11182	20 12983	—
December	728	1177	1648	2670	3822	5144	6696	8593	11228	29 13139	10 15881
Total	8790	14108	19704	31856	45565	61280	79735	102340	133144	154894	109631
Mean	733	1176	1642	2655	3964	5107	6645	8528	11095	12908	15662

Means and Extremes Table I for Adelaide Island, 1963.

MONTH	M. S. L. PRESSURE (mb.)					AIR TEMPERATURE (°C)													
	1-2 DAILY MEAN	EXTREMES [3]				MEAN AT [1]								1-2 DAILY MEAN	MEAN DAILY [1]		EXTREMES [1]			
		HIGH	DATE	LOW	DATE	0100	0400	0700	1000	1300	1600	1900	2200		MAX.	MIN.	MAX.	DATE	MIN.	DATE
January	981.8	997.4	6th	956.1	23rd	-0.6	-0.3	0.1	0.2	0.4	0.6	0.1	-0.4	0.1	2.3	-1.7	6.7	11th	-4.5	27th
February	984.8	999.8	14th	966.0	21st	-0.2	0.0	0.3	0.4	0.9	0.9	0.0	-0.3	0.3	2.7	-1.7	*7.5*	*6th*	-7.6	27th, 28th
March	976.5	997.2	25th	*944.1*	*31st*	-3.9	-3.9	-4.0	-3.5	-3.3	-3.5	-3.6	-3.9	-3.7	-0.9	-6.2	3.9	8th, 12th	-13.2	30th
April	987.1	1006.2	11th	950.1	3rd	-7.7	-7.7	-7.6	-7.3	-6.8	-7.1	-7.2	-7.5	-7.4	-4.3	-10.0	3.2	30th	-16.5	11th
May	983.4	1009.8	4th	954.7	22nd	-5.8	-6.0	-6.0	-5.5	-5.2	-5.0	-5.3	-5.7	-5.6	-1.7	-9.2	5.8	25th	-20.1	16th
June	991.6	*1023.5*	*11th*	958.4	23rd	-7.6	-7.7	-7.9	-7.9	-8.3	-7.8	-7.6	-7.2	-7.7	-4.7	-11.1	4.7	12th	-22.5	26th
July	984.9	1017.7	9th	953.1	31st	-10.5	-10.1	-10.1	-10.4	-10.2	-9.9	-10.1	-10.5	-10.2	-5.3	-15.5	3.2	11th	-29.4	18th
August	996.6	1015.2	27th	952.2	6th	-18.8	-18.7	-19.4	-19.6	-19.5	-19.1	-18.8	-18.5	-19.1	-12.8	-24.6	-0.5	1st, 28th	*-44.5*	*26th*
September	993.3	1018.7	4th	956.2	28th	-11.2	-11.4	-11.4	-10.7	-9.4	-9.2	-10.2	-10.8	-10.5	-5.6	-15.4	3.4	21st	-31.0	3rd
October	990.4	1013.0	29th	968.8	15th	-9.7	-9.3	-8.8	-8.6	-7.7	-7.7	-8.3	-9.1	-8.7	-4.4	-13.2	-0.1	15th	-27.6	1st
November	987.0	1010.9	2nd	960.5	19th	-3.0	-3.2	-2.8	-2.3	-1.7	-1.8	-2.4	-2.7	-2.5	0.0	-5.3	6.4	19th	-17.5	2nd
December	985.4	1002.4	18th	966.1	4th	0.0	-0.2	0.6	1.0	1.7	1.5	0.9	0.1	0.7	3.4	-1.7	6.6	18th, 25th	-7.0	3rd
Total	11842.8	12111.8	—	11486.3	—	-79.0	-78.5	-77.0	-74.2	-69.1	-68.1	-72.5	-76.5	-74.3	-31.3	-115.6	50.8	—	-241.4	—
Mean	986.9	1009.3	—	957.2	—	-6.6	-6.5	-6.4	-6.2	-5.8	-5.7	-6.0	-6.4	-6.2	-2.6	-9.6	4.2	—	-20.1	—

Means and Extremes Table II for Adelaide Island, 1963.

MONTH	RELATIVE HUMIDITY %									CLOUD AMOUNT (oktas)									SUNSHINE			RAINFALL (mm.)[1]		
	Mean at [1]								1-2 Daily Mean.	Mean at [1]								1-2 Daily Mean	Mean Daily		Mean Length of Day	Total	Max. Fall	Date
	0100	0400	0700	1000	1300	1600	1900	2200		0100	0400	0700	1000	1300	1600	1900	2200		Rec.	Est.				
January	84	82	81	79	80	80	83	85	82	6.6	6.4	6.7	6.8	6.8	6.7	6.7	6.7	6.7	4.2	Not recorded	22.4	Not recorded	Not recorded	Not recorded
February	86	85	84	81	79	79	84	82	83	7.2	7.4	7.1	7.2	7.1	6.9	6.5	7.3	7.1	2.8		17.0			
March	78	79	79	79	80	80	79	79	79	7.2	7.1	6.9	6.8	6.9	7.0	7.3	7.2	7.1	2.1		12.8			
April	83	83	83	84	80	82	82	82	82	5.9	6.1	6.6	6.4	6.3	6.3	5.9	5.6	6.1	1.7		8.8			
May	84	85	85	85	84	81	85	85	84	6.4	6.6	6.5	6.8	6.6	6.5	6.8	5.7	6.5	0.4		4.8			
June	83	82	81	83	83	81	82	81	82	5.7	6.2	6.1	7.0	7.2	6.4	6.8	5.9	6.4	0.0		0.3			
July	83	82	81	84	85	84	84	84	83	5.7	5.3	5.1	6.5	6.3	5.9	6.1	5.1	5.7	0.0		2.9			
August	86	84	81	83	85	83	85	87	84	6.1	5.6	5.6	5.4	5.8	5.8	6.0	5.7	5.7	1.7		7.5			
September	84	83	85	84	83	83	84	83	84	5.5	6.2	6.2	6.7	6.8	6.6	6.1	5.9	6.3	2.0		11.5			
October	84	85	83	82	81	81	83	85	83	6.7	6.8	6.5	6.0	6.4	6.3	6.3	6.3	6.4	3.6		15.8			
November	82	82	83	83	81	82	83	81	82	6.8	7.1	7.1	7.1	7.1	7.2	7.3	7.1	7.1	3.2		20.7			
December	83	82	77	77	74	76	79	82	79	7.4	7.4	7.3	7.0	7.1	7.3	7.3	7.3	7.3	3.3		24.0			
Total	1000	994	983	984	975	972	993	996	987	77.2	78.2	77.7	79.7	80.4	78.9	79.1	75.8	78.4	25.0		148.5			
Mean	83	82	82	82	81	81	83	83	82	6.4	6.5	6.5	6.6	6.7	6.6	6.6	6.3	6.5	2.1		12.4			

Frequency Tables I to IV for Adelaide Island, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE I — JANUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	5		1	5	1	3	5	1	2	4	1	5	33
2		1		5	10	3	3			3	4	3	32
3	3	1	2	11	15	6	3	1	5	7	8	11	73
4	2			7	11	4		1		6	7	22	60
5	5			1	2	3		1			2	5	19
6	6			1	1							2	10
7	1			1	1								3
≥ 8	7			1									8
Totals	29	2	3	32	41	19	11	4	7	20	22	48	238

CALMS – 10

TABLE II — FEBRUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	9	1	2	1	1	8	1		1		2	7	33
2	6	2	1	3	6	6	1	2			2	11	40
3	3		1	10	10	3	2	1	2	5	6	12	55
4	3	2		6	3	3	1		2			7	27
5	9	1	1	5	2	1					1	4	24
6	7			5	1							3	16
7	5			1									6
≥ 8	3			1									4
Totals	45	6	5	32	23	21	5	3	5	5	11	44	205

CALMS – 19

TABLE III — MARCH.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2	1		3	2	1	1		1		2	5	18
2	1	1	1	9	3	2	2	1	1	1	1	3	26
3	9	5	2	12	12	5	2	2	1	1	3	7	61
4	7	1		4	15	3	1		5	6	6	12	60
5	6	1		3	3				1	7	5	3	29
6	7			1	1				1	3	4	5	22
7	2					1				1		1	5
≥ 8	16										2	2	20
Totals	50	9	3	32	36	12	6	3	10	19	23	38	241

CALMS – 7

TABLE IV — APRIL.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	4	1	2		3	1	2	1		1	1		16
2	5	3	1	3	9	3	2	3		1	1	3	34
3	5	3	5	9	9	8		1	1	1	3	3	48
4	4		2	14	21	5				4	3	3	56
5	2			8	6	1				1	1	1	20
6	3			1		1					4	6	15
7	4		1	2	1							1	9
≥ 8	22										2	2	26
Totals	49	7	11	37	49	19	4	5	1	8	15	19	224

CALMS – 16

Frequency Tables V to VIII for Adelaide Island, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE V — MAY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	1	2		2		1			1		3	11
2	8			2	5	1		1	2	1		3	23
3	5		1	11	10	5			1	2	3	8	46
4	4	1	1	6	12	1	1		1		4	6	37
5	6		1	4	6					2	3	3	25
6	21			1	4	1					2	10	39
7	9			1							1	2	13
≥ 8	29	2		2	2							3	38
Totals	83	4	5	27	41	8	2	1	4	6	13	38	232

CALMS – 16

TABLE VI — JUNE.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	4		3		3	1		1		1	1	1	15
2	6	3	3	6		2	2	1	1		3	3	30
3	5	2	1	10	12	1		2		1	5	9	48
4	4		1	9	9	1				4	6	14	48
5	4			1	2						3	3	13
6	6	1			3						2	8	20
7	5				2						1	2	10
≥ 8	19				3							1	23
Totals	53	6	8	26	34	5	2	4	1	6	21	41	207

CALMS – 33

TABLE VII — JULY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2		1	1	1						1	1	7
2	4		1	3	1	2	1	1	3	1	1	4	22
3	5		4	6	4	4		4	2	2	2	4	37
4	7	1	2	4	4	1				3	3	10	35
5			2	6	8						4	6	26
6	4	1	1	7	5						7	7	32
7	9	1									1	3	14
≥ 8	47			1								2	50
Totals	78	3	11	28	23	7	1	5	5	6	19	37	223

CALMS – 25

TABLE VIII — AUGUST.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		1		1				2	1	2	1		8
2	3		3	3	1	1	2		1	1	4	5	24
3	4	1	1	5	12	3	1			6	5	13	51
4	2	2		5	8	3				3	10	15	48
5	4			12	3						8	6	33
6	1			1	4							4	10
7	6			1	1							5	13
≥ 8	22											6	28
Totals	42	4	4	28	29	7	3	2	2	12	28	54	215

CALMS – 33

Frequency Tables IX to XII for Adelaide Island, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE IX — SEPTEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	2		1					2	1	2	1	10
2	3				3	4		1		1		3	15
3	2			1	8	2				2	3	7	25
4	1			6	5	1				1	11	7	32
5	1	1		1	1	1					4	9	18
6	6			4	1						16	15	42
7	9										4	4	17
>= 8	63									1	1	3	68
Totals	86	3		13	18	8		1	2	6	41	49	227

CALMS - 13

TABLE X — OCTOBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			1	2	2	3				1		7	16
2					1	2				1	1	10	15
3	4			7	7	1	1			3	2	13	38
4		1	1	4	12	3		1	1	2	13	18	56
5	2			3	4						17	15	41
6	5			1	2		1				2	13	24
7	8			1							1	7	17
>= 8	9												9
Totals	28	1	2	18	28	9	2	1	1	7	36	83	216

CALMS - 32

TABLE XI — NOVEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1				1	7	4	2	1		1	2	6	24
2	2		2	3	6		1		1	2		3	20
3	1			3	7	5			3	2	6	10	37
4	2		1	4	10	2					3	17	39
5	9	2			2						6	10	29
6	7				1						5	12	25
7	9	1										12	22
>= 8	19	2										8	29
Totals	49	5	3	11	33	11	3	1	4	5	22	78	225

CALMS - 15

TABLE XII — DECEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	15	2	2	5	4	3	1	1	4	1	2	15	55
2	8	1	1	7	3	3	2	1			3	11	40
3	1	1	2	14	5	3				1	1	8	36
4	4	2	1	8	3						1	2	21
5	9			2							2	2	15
6	12				1							5	18
7	2											1	3
>= 8													
Totals	51	6	6	36	16	9	3	2	4	2	9	44	188

CALMS - 60

Means and Extremes Table I for Halley Bay, Coats Land, 1963.

MONTH	M. S. L. PRESSURE (mb.)					AIR TEMPERATURE (°C)													
	1-2 Daily Mean	Extremes [3]				Mean at [1]								1-2 Daily Mean	Mean Daily [1]		Extremes [1]			
		High	Date	Low	Date	0100	0400	0700	1000	1300	1600	1900	2200		Max.	Min.	Max.	Date	Min.	Date
January	984.6	998.2	3rd	*961.6*	*30th*	-6.8	-6.5	-5.4	-3.8	-3.2	-3.2	-4.4	-5.7	-4.9	-2.0	-8.5	0.5	17th	-14.7	26th
February	988.8	1002.7	6th	977.7	25th, 28th	-12.9	-13.3	-12.5	-10.4	-9.1	-9.4	-10.8	-12.0	-11.3	-7.4	-15.9	-1.9	7th	-29.6	26th
March	980.9	997.3	14th	964.4	6th	-14.2	-14.1	-14.3	-13.8	-12.8	-13.6	-14.3	-14.7	-14.0	-10.1	-19.3	-6.0	6th	-26.9	14th
April	990.0	1005.1	16th	962.1	6th	-21.7	-21.9	-21.6	-22.3	-22.5	-22.9	-22.8	-22.7	-22.3	-19.0	-26.6	-5.8	6th	-43.2	30th
May	995.8	1016.8	25th	980.9	16th	-25.6	-25.8	-26.9	-27.1	-26.4	-25.8	-25.6	-25.4	-26.1	-20.9	-31.9	-10.3	26th	*-48.7*	*9th*
June	986.5	1017.0	11th	963.1	29th	-25.1	-25.0	-25.9	-26.6	-26.5	-26.1	-24.8	-24.5	-25.6	-20.3	-30.6	-6.2	11th	-46.2	27th
July	988.4	1006.4	12th	966.1	1st	-26.1	-25.8	-25.4	-25.4	-25.6	-26.0	-26.3	-26.6	-25.9	-21.2	-31.2	-7.9	18th	-46.3	26th
August	997.4	*1018.4*	*21st*	973.1	16th	-20.8	-20.1	-19.9	-19.8	-19.5	-19.7	-19.1	-20.1	-19.9	-14.9	-25.2	-4.4	2nd	-41.6	12th
September	991.2	1004.4	3rd	970.3	8th	-26.1	-25.6	-25.6	-24.9	-24.1	-24.4	-25.2	-25.5	-25.2	-20.7	-31.2	-13.3	30th	-46.1	23rd
October	987.7	999.0	7th	977.7	31st	-22.9	-23.1	-23.1	-21.3	-19.9	-20.3	-22.0	-22.9	-21.9	-17.6	-27.2	-4.2	4th	-37.5	15th
November	981.3	994.7	4th	966.2	30th	-14.8	-14.5	-13.5	-12.0	-10.8	-10.5	-11.6	-13.1	-12.6	-9.1	-17.2	-2.4	28th	-24.3	19th
December	991.6	1008.1	15th	971.7	1st	-7.8	-7.4	-6.8	-5.0	-3.9	-3.9	-4.7	-6.6	-5.8	-2.6	-9.8	*1.8*	*28th*	-16.7	1st
Total	11864.2	12068.1	—	11634.9	—	-224.8	-223.1	-220.9	-213.4	-204.3	-205.8	-211.6	-219.8	-215.5	-166.0	-274.6	-60.1	—	-421.8	—
Mean	988.7	1005.7	—	969.6	—	-18.7	-18.6	-18.4	-17.8	-17.0	-17.1	-17.6	-18.3	-18.0	-13.8	-22.9	-5.0	—	-35.1	—

Means and Extremes Table II for Halley Bay, Coats Land, 1963.

MONTH	RELATIVE HUMIDITY %									CLOUD AMOUNT (oktas)									SUNSHINE			RAINFALL (mm.)[1]		
	Mean at [1]								1-2 Daily Mean.	Mean at [1]								1-2 Daily Mean	Mean Daily		Mean Length of Day	Total	Max. Fall	Date
	0100	0400	0700	1000	1300	1600	1900	2200		0100	0400	0700	1000	1300	1600	1900	2200		Rec.	Est.				
January	85	83	80	78	79	81	82	84	81	6.2	6.8	6.6	6.7	6.1	6.1	5.9	6.1	6.3	6.4		24.0			
February	83	80	76	69	71	72	78	82	76	6.3	6.0	5.4	5.7	5.7	5.7	6.2	6.5	5.9	6.7		21.3			
March	84	83	81	74	76	79	82	83	80	5.7	6.5	6.3	5.9	6.3	6.1	6.2	6.3	6.2	3.3		13.4			
April	76	75	76	78	78	78	77	76	77	5.7	5.5	5.5	6.2	6.2	6.0	4.9	4.7	5.6	0.7		6.7			
May	74	75	74	71	74	75	71	75	74	4.5	4.6	4.3	5.3	5.7	5.3	4.8	5.2	5.0	0.0	Not recorded	0.1	Not recorded	Not recorded	Not recorded
June	73	73	73	71	74	74	73	74	73	4.6	4.1	4.0	4.7	4.8	4.7	4.7	4.2	4.5	0.0		0.0			
July	76	75	75	76	71	73	74	76	75	4.0	4.2	4.3	5.2	5.3	4.9	4.7	3.9	4.6	0.0		0.0			
August	80	82	83	82	78	80	81	81	81	4.9	6.1	6.6	6.7	6.5	6.6	5.4	4.5	5.9	0.4		3.1			
September	82	83	81	73	71	75	82	81	79	4.9	5.0	5.0	5.1	5.4	5.5	5.8	4.5	5.1	3.5		10.9			
October	83	79	68	69	63	66	76	81	73	6.4	5.7	5.3	5.5	5.6	5.9	5.5	5.5	5.7	5.8		18.0			
November	83	79	77	70	69	76	78	83	77	5.8	6.3	6.4	5.8	6.1	6.1	6.3	6.2	6.1	7.1		24.0			
December	84	82	80	74	75	79	82	84	80	6.2	5.7	6.0	6.0	5.8	5.9	5.3	6.2	5.9	7.8		24.0			
Total	963	949	924	885	879	908	936	960	926	65.2	66.5	65.7	68.8	69.5	68.8	65.7	63.8	66.8	41.7		145.5			
Mean	80	79	77	74	73	76	78	80	77	5.4	5.5	5.5	5.7	5.8	5.7	5.5	5.3	5.6	3.5		12.1			

Frequency Tables I to IV for Halley Bay, Coats Land, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE I — JANUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2	4	3	2	1	2	2	1	1	2		3	23
2	1	4	10	6	5	2	4	6	4	2	2	1	47
3		4	17	8	4	1	5	8	11	3	2		63
4		15	19	8			1	3	21	3			70
5			5	4					2				11
6			1	2									3
7				1									1
>= 8													
Totals	3	27	55	31	10	5	12	18	39	10	4	4	218

CALMS - 30

TABLE II — FEBRUARY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	3	4	6	9	11	4	2	2	2				43
2			6	15	3	10	2	2	4	5			47
3		1	4	22	1	5	2	6	12	2			55
4			9	16				5	14				44
5				8			1	3	3				15
6								1	1				2
7													
>= 8													
Totals	3	5	25	70	15	19	7	19	36	7			206

CALMS - 18

TABLE III — MARCH.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2	2		1	2	3		2					12
2		3	4	8	4	3	1	1					24
3			6	24	3	2	1	7	2	2			47
4		2	17	29	1	1		4	1				55
5		1	16	19									36
6			18	20									38
7			9	10									19
>= 8			7	4									11
Totals	2	8	77	115	10	9	2	14	3	2			242

CALMS - 6

TABLE IV — APRIL.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		2	1	13	3	3	2	3	4	2	2	2	37
2	1	3	7	11	1		1	1	9	7	2		43
3		3	7	14	2		1	4	13	3			47
4			9	29	1	3	1						43
5			3	23									26
6		1	1	15									17
7			4	4									8
>= 8			3	6									9
Totals	1	9	35	115	7	6	5	8	26	12	4	2	230

CALMS - 10

Frequency Tables V to VIII for Halley Bay, Coats Land, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE V — MAY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	7	5	3	6	2	1	1		2	4	1	33
2		3	11	5		1	3		8	8	3	2	44
3		2	17	11	7	7	5	2	7	1	1		60
4		1	14	26	3		2		4				50
5			9	14									23
6			4	12									16
7			4	5									9
≥ 8			2	5									7
Totals	1	13	66	81	16	10	11	3	19	11	8	3	242

CALMS – 6

TABLE VI — JUNE.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			1	2	9	2	2						16
2			3	8	6	4	3		5	1			30
3			5	20	22	7	9	3	4	2			72
4			10	45	8		7	5	12	2			89
5			2	19				1	2				24
6				5					1				6
7				1									1
≥ 8													
Totals			21	100	45	13	21	9	24	5			238

CALMS – 2

TABLE VII — JULY.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			3	15	9	1	3	1	4	3		1	40
2			3	4	2	2	1	1	5	2			20
3	1	1	2	17	2	2	2	1	14	7	2		51
4		1	5	15	1			1	11	3			37
5			1	16				1	3	1			22
6			5	31					4				40
7			2	14					1				17
≥ 8				13									13
Totals	1	2	21	125	14	5	6	5	42	16	2	1	240

CALMS – 8

TABLE VIII — AUGUST.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1			2	1	2				2	2	1	2	12
2		1	1	5			2		1	1		3	14
3		1	8	11	2	1	1	2	4	1	1		32
4		1	9	30	7	1			6	3			57
5		2	18	24	1								45
6			5	29									34
7			7	11									18
≥ 8		1	14	16									31
Totals		6	64	127	12	2	3	2	13	7	2	5	243

CALMS – 5

Frequency Tables IX to XII for Halley Bay, Coats Lands, 1963.

WIND FORCES IN TWELVE 30° SECTORS

TABLE IX — SEPTEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	1	1	7	4	2	4		2	2	1		2	26
2	1	1	4	7	8	3	1		3	4			32
3		1	6	25	7	7	2	1	13	3			65
4			7	28	1	1		1	3	3			44
5			4	11					3				18
6			9	15					1				25
7			11	9					1				21
≥ 8			2										2
Totals	2	3	50	99	18	15	3	4	26	11		2	233

CALMS – 7

TABLE X — OCTOBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2		8	7	6	8	6	4	1	3	1	2	48
2			1	18	7	6	3	1	5	8		1	50
3		1	1	16	13	8	1	2	8	18	1		69
4		1	2	22	9			1	2	7			44
5			1	8									9
6			2	5									7
7			2	5									7
≥ 8				3									3
Totals	2	2	17	84	35	22	10	8	16	36	2	3	237

CALMS – 11

TABLE XI — NOVEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1	2		3	4	4	1	3	3	1	3	2		26
2	2	1	5	17	5	6	3	3	2	2	2		48
3			4	21	5	3	2	1	7	8			51
4			6	27	7	1	1		3				45
5				14	2				1				17
6			2	13	4								19
7				13									13
≥ 8				10									10
Totals	4	1	20	119	27	11	9	7	14	13	4		229

CALMS – 11

TABLE XII — DECEMBER.

BEAUFORT FORCE	350 to 10	20 to 40	50 to 70	80 to 100	110 to 130	140 to 160	170 to 190	200 to 220	230 to 250	260 to 280	290 to 310	320 to 340	ALL DIR.
1		5	4	5	6	7	3	3	2	3	1	2	41
2	1	1	2	13	4	8	4	2	5	2			42
3			3	31	11	6	3	1	7	4			66
4			4	31	5			1	18	3			62
5				19					2				21
6				8	1								9
7				2									2
≥ 8													
Totals	1	6	13	109	27	21	10	7	34	12	1	2	243

CALMS – 5

Upper Air Means Table I for Halley Bay, Coats Land, 1963.

MONTH	MEAN AIR AND DEW POINT TEMPERATURES AT STANDARD LEVELS IN °C, for all ascents :—																						
	Surface		900 mb.		850 mb.		800 mb.		700 mb.		600 mb.		500 mb.		400 mb.		300 mb.	200 mb.	150 mb.	100 mb.	Mean Tropopause		
	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Dew	Air	Air	Air	Air	Press. mb.	Height	Temp.
January [29]	-4.1	-7.6	-7.4	-11.6	-9.3	-15.0	-10.9	-18.5	-15.2	-25.2	-21.7	-30.7	[28] -29.4	[28] -42.2	[28] -40.1	[15] -46.7	[28] -52.6	[28] -44.5	[27] -42.6	[23] -41.0	[28] 290	[28] 8741	[28] -54.7
February [26]	-10.9	-15.0	-11.5	-16.1	-13.0	-19.1	-15.4	-21.6	-20.9	-26.7	-29.1	-33.9	-34.8	-41.3	-44.2	—	-53.1	-44.3	[23] -43.6	[19] -42.6	307	8300	-55.1
March [30]	-13.6	-17.0	-11.8	[28] -15.9	-13.8	[28] -17.7	-16.3	[28] -20.2	-22.1	[28] -25.8	-29.0	[28] -33.4	-36.0	[24] -40.5	[29] -45.9	0 —	[28] -53.9	[27] -46.6	[25] -47.0	[10] -47.3	[28] 310	[28] 8160	[28] -56.3
April [29]	-18.8	-25.9	-18.7	-22.1	-19.2	-23.0	-19.2	-23.3	-23.9	[28] -28.2	-31.0	[27] -36.0	-38.8	[17] -42.1	-49.0	0 —	-59.2	-57.6	[28] -56.3	[14] -59.9	292	8490	-62.3
May [20]	-27.1	-31.4	-17.5	-23.2	-17.3	-23.3	-18.3	-22.6	-22.9	-29.1	-29.6	-35.3	-37.5	[23] -42.3	-47.5	1 —	[28] -60.6	[28] -65.5	[28] -65.5	[18] -69.4	[28] 249	[28] 9590	[28] -67.9
June	-27.0	-30.7	-19.3	-23.1	-21.4	-26.4	-21.9	-27.7	-24.7	-31.3	-31.7	[29] -37.8	-38.9	[18] —	-49.2	1 —	-59.5	-69.3	[20] -71.3	[21] -76.1	[20] 221	[20] 10230	[20] -70.4
July [25]	-27.3	[23] -29.5	-20.8	-25.0	-19.9	-25.0	-21.0	-26.3	-25.1	-31.2	-31.4	-37.0	-39.9	[13] —	-50.8	0 —	-63.6	-74.9	[22] -77.9	[16] -81.7	[22] 206	[22] 10528	[22] -76.5
August [27]	-21.0	-24.1	-17.4	-21.3	-18.1	-22.1	-18.9	-23.3	-22.9	-28.7	-29.7	-35.3	-38.6	[17] —	-50.2	0 —	[26] -64.3	[26] -77.8	[19] -81.6	[9] -84.1	[16] 179	[16] 11459	[16] -81.4
September [27]	-25.1	[26] -27.5	-17.7	[26] -22.6	-18.2	[26] -23.1	-19.7	[26] -24.8	-23.4	[26] -27.7	-30.2	[26] -35.2	-38.4	[20] -43.1	-49.2	0 —	-63.2	-76.4	-79.4	[19] -81.9	[26] 203	[26] 10642	[26] -77.9
October [29]	-22.0	-26.1	-19.4	-23.5	-19.7	-23.8	-21.1	-25.5	-24.1	-27.7	-29.4	-36.5	-37.8	[24] -42.1	-48.4	0 —	-61.5	-71.1	[26] -74.8	[16] -73.9	207	10542	-74.2
November [27]	-11.9	-15.2	-13.8	[26] -18.4	-15.3	[26] -20.6	-16.7	[26] -22.5	-19.8	[26] -26.6	-26.6	[26] -34.8	-35.2	[26] -43.0	-45.8	0 —	-57.5	-60.3	-60.6	[17] -53.1	254	9421	-63.9
December [30]	-5.3	-9.0	-7.4	-13.4	-9.4	-16.1	-12.2	-19.4	-18.6	-25.7	-25.3	-32.4	-32.9	-40.4	-43.2	4 —	-53.6	-47.1	[23] -42.2	[17] -40.3	303	8510	-55.2
Total	-214.1	-259.0	-182.7	-236.2	-194.6	-255.2	-211.6	-275.7	-263.6	-333.9	-344.7	-418.3	-438.2	-377.0	-563.5	—	-702.6	-735.4	-742.8	-751.3	3021	114613	-795.8
Mean	-17.8	-21.6	-15.2	-19.7	-16.2	-21.3	-17.6	-23.0	-22.0	-27.8	-28.7	-34.9	-36.5	-41.9	-47.0	—	-58.5	-61.3	-61.9	-62.6	252	9551	-66.3

Upper Air Means Table II for Halley Bay, Coats Land, 1963.

MONTH	MEAN HEIGHTS ABOVE M.S.L. OF STANDARD PRESSURE LEVELS (metres)										
	900 mb.	850 mb.	800 mb.	700 mb.	600 mb.	500 mb.	400 mb.	300 mb.	200 mb.	150 mb.	100 mb
January	715	1160	1627	2644	3794	5115	6673	8578	11241	13171	15916
February	729	1164	1624	2621	3744	5035	6562	8449	11120	13053	15792
March	661	1097	1556	2549	3668	4953	6470	8342	10990	12894	15579
April	707	1132	1580	2563	3670	4941	6440	8283	10831	12661	15179
May	750	1178	1631	2619	3734	5014	6522	8371	10847	12599	15032
June	673	1096	1541	2516	3627	4899	6396	8233	10693	12410	14785
July	697	1121	1570	2548	3654	4922	6411	8229	10639	12305	14624
August	782	1210	1662	2649	3764	5040	6534	8358	10750	12367	14622
September	713	1138	1591	2572	3689	4964	6464	8289	10698	12345	14626
October	692	1117	1565	2546	3659	4938	6442	8283	10711	12395	14759
November	659	1092	1548	2545	3674	4967	6488	8352	10863	12643	15232
December	761	1205	1670	2678	3810	5114	6649	8537	11173	13127	15919
Total	8539	13710	19165	31050	44487	59902	78051	100304	130556	151970	182065
Mean	712	1143	1597	2587	3707	4992	6504	8359	10880	12664	15172

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