

NAT/MET/2#4

METEOROLOGICAL REPORTS, STANLEY

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Meteorological Office,
British Antarctic Survey,
Stanley,
Falkland Islands,
South Atlantic.

Ref: BAMS 600/66/1

8th January, 1966.

Dear Sir (or Madam),

B.A.N.S. ANNUAL METEOROLOGICAL TABLES

It is regretted that considerable delay is being experienced in the printing of our Annual Meteorological Tables.

The Tables for 1962 are still in the hands of the printers, but it is hoped that distribution will commence within a few months. Meanwhile selected data from the manuscript copy of the 1963 and 1964 Tables have been tabulated, and locally duplicated copies of these tabulations are enclosed for interim use.

The complete Tables will be sent to all routine recipients as soon as possible.

Yours sincerely,

W. S. Stanley
Chief Meteorological Officer

1963 WEATHER DATA FOR STANLEY, FALKLAND ISLANDS

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	997.2	1016.8	973.2	8.7	19.1	0.6	13.1	4.7	6.7	5.6	73.9	14.7
Feb	1006.9	1019.3	986.2	10.0	19.6	2.7	14.6	5.9	7.0	5.3	22.3	15.7
Mar	999.1	1015.8	974.7	7.5	17.2	-0.1	11.6	3.8	4.8	5.8	56.3	16.3
Apr	999.6	1014.1	974.1	4.9	11.8	-0.8	8.1	1.9	3.6	5.9	31.0	12.2
May	1002.9	1019.6	982.0	4.0	12.7	-1.4	6.6	1.2	1.7	5.8	38.9	15.1
Jun	1005.9	1031.4	971.5	2.7	7.8	-2.5	4.8	0.4	1.5	6.0	46.3	14.0
Jul	1004.9	1023.2	985.3	2.5	6.7	-4.3	4.5	0.3	2.0	5.3	72.7	15.1
Aug	1009.5	1029.6	992.0	1.8	7.7	-4.1	3.9	-0.6	1.5	6.1	20.9	13.4
Sep	1012.1	1039.4	984.4	2.4	9.3	-3.8	5.2	0.1	2.9	6.6	55.6	17.6
Oct	1008.4	1021.2	992.5	4.1	14.4	-1.2	8.6	0.8	5.4	5.4	33.6	17.5
Nov	1005.3	1022.5	987.1	6.1	16.3	-1.7	9.8	3.2	4.2	6.4	52.0	14.8
Dec	1003.0	1017.4	972.2	9.5	20.9	1.7	14.5	5.3	7.5	5.1	24.1	17.4
Mean	1004.6	1022.5	981.3	5.3	13.6	-1.2	8.8	2.3	4.1	5.8	44.0	15.3

1963 UPPER AIR DATA FOR STANLEY, FALKLAND ISLANDS

MONTH	MEAN AIR TEMPERATURES (°C) AND HEIGHTS (metres) ABOVE M.S.L. OF STANDARD PRESSURE LEVELS								Mean Tropopause		
	850 mb.	700 mb.	500 mb.	400 mb.	300 mb.	200 mb.	150 mb.	100 mb.	Mb.	Height	Temp.
January	0.4 (30) 1303	- 8.8 (30) 2833	-24.0 (30) 5363	-35.3 (30) 6956	-48.2 (29) 8907	-50.2 (29) 11548	-48.3 (26) 13406	-48.9 (26) 16075	255	10034	-56.1
February	4.4 (28) 1395	- 3.7 (28) 2951	-19.0 (28) 5533	-29.6 (28) 7160	-43.8 (28) 9150	-54.3 (28) 11793	-53.9 (27) 13648	-54.1 (27) 16247	229	11071	-56.6
March	0.7 (31) 1314	- 8.1 (31) 2846	-24.3 (31) 5380	-35.4 (31) 6971	-48.2 (31) 8910	-51.3 (31) 11550	-51.9 (31) 13419	-52.4 (31) 16040	267	9752	-55.1
April	- 3.9 (30) 1300	-11.0 (30) 2815	-27.4 (30) 5318	-38.5 (30) 6887	-51.3 (30) 8807	-52.9 (30) 11414	-52.9 (29) 13276	-54.6 (27) 15885	266	9624	-57.4
May	- 1.1 (24) 1332	- 9.9 (24) 2855	-26.9 (24) 5369	-38.4 (24) 6942	-51.7 (24) 8861	-57.3 (24) 11437	-56.2 (23) 13268	-56.9 (21) 15839	253	10011	-59.7
June	- 3.9 (19) 1342	-11.1 (19) 2853	-28.5 (19) 5351	-39.9 (19) 6913	-53.5 (19) 8820	-59.5 (19) 11374	-58.7 (19) 13174	-61.1 (19) 15708	242	10244	-61.7
July	- 3.8 (26) 1337	-11.7 (26) 2843	-28.9 (26) 5340	-40.0 (26) 6904	-54.4 (26) 8807	-61.9 (26) 11339	-60.8 (25) 13136	-65.6 (24) 15631	238	10330	-64.3
August	- 4.5 (31) 1368	-12.4 (31) 2874	-29.3 (31) 5362	-40.5 (31) 6919	-55.1 (31) 8816	-62.2 (31) 11341	-60.2 (30) 13129	-61.8 (27) 15641	240	10258	-64.2
September	- 5.7 (30) 1385	-13.0 (30) 2885	-28.3 (30) 5374	-40.3 (30) 6936	-54.1 (30) 8837	-62.0 (30) 11370	-61.7 (29) 13155	-63.2 (26) 15667	239	10328	-63.8
October	- 4.2 (31) 1367	-10.9 (31) 2877	-27.1 (31) 5383	-38.4 (31) 6953	-52.2 (31) 8873	-58.5 (31) 11435	-57.2 (31) 13250	-57.7 (29) 15819	239	10340	-61.0
November	- 1.2 (30) 1355	- 9.5 (30) 2879	-25.9 (30) 5399	-37.3 (30) 6977	-50.6 (30) 8907	-52.5 (30) 11520	-53.1 (30) 13375	-53.1 (29) 15944	264	9805	-57.7
December	3.7 (31) 1363	- 5.6 (31) 2912	-21.7 (31) 5472	-33.5 (31) 7078	-47.2 (31) 9041	-53.1 (31) 11670	-51.9 (30) 13525	-50.9 (30) 16157	243	10480	-57.0
Mean	- 1.6 1347	- 9.6 2869	-25.9 5387	-37.3 6966	-50.9 8895	-56.3 11483	-55.6 13313	-56.7 15888	248	10190	-59.5

NOTE: Figures in brackets denote the number of soundings on which the means are based.

1963 WEATHER DATA FOR GRYTVIKEN, SOUTH GEORGIA

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	989.7	1007.1	960.9	6.3	19.6	-0.9	10.0	3.3	6.7	5.9	120.5	11.3
Feb	994.9	1011.1	968.9	7.1	<u>21.5</u>	0.3	11.3	3.6	5.2	5.9	154.2	13.3
Mar	993.2	1023.5	965.5	4.8	14.6	-2.9	8.0	1.8	3.7	6.1	124.7	11.0
Apr	996.0	1025.4	973.7	2.1	11.4	-5.9	5.1	-0.4	2.4	5.6	140.7	7.0
May	998.6	1023.0	978.8	0.0	10.1	-6.2	2.6	-2.1	0.9	5.7	121.4	5.9
Jun	994.9	1019.4	<u>950.5</u>	-1.2	9.4	-9.4	2.1	-3.7	0.0	4.9	147.2	8.3
Jul	1004.6	<u>1035.7</u>	973.0	-1.5	10.7	-8.7	1.5	-3.8	0.3	5.5	127.5	8.1
Aug	1003.7	1023.9	980.0	-2.1	5.6	<u>-11.1</u>	0.7	-4.9	2.1	5.8	70.2	9.7
Sep	1001.9	1023.1	968.8	-1.2	7.2	-7.8	2.3	-3.8	3.6	5.1	64.6	8.7
Oct	990.1	1012.4	968.8	-0.7	6.1	-8.3	2.1	-3.5	4.4	5.9	63.5	10.9
Nov	1001.7	1013.1	983.9	3.1	16.7	-6.4	6.8	-0.1	6.6	5.3	39.6	8.7
Dec	996.0	1013.6	962.5	6.0	17.8	-1.9	10.4	2.1	6.9	5.4	74.0	12.5
Mean	997.1	1019.3	969.6	1.9	12.6	-5.8	5.2	-1.0	3.6	5.6	104.0	9.6

1963 WEATHER DATA FOR SIGNY ISLAND, SOUTH ORKNEYS

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	983.3	998.4	949.7	1.8	9.4	-2.8	3.7	0.0	2.5	7.2	Not Recorded	10.6
Feb	989.6	1004.6	966.2	1.7	7.8	-2.6	3.8	-0.2	0.9	7.5		13.7
Mar	982.8	1006.3	959.2	0.2	10.7	-6.8	2.5	-2.5	1.1	7.1		15.6
Apr	989.7	1011.0	954.1	-1.0	6.5	-12.8	0.3	-4.0	1.2	7.1		14.2
May	993.1	1013.6	949.6	-3.0	4.8	-13.3	-0.3	-5.4	0.6	6.9		12.6
Jun	993.9	1025.9	956.4	-7.1	2.9	-16.6	-3.9	-10.6	0.2	6.7		12.9
Jul	996.7	1022.8	964.1	-6.3	4.1	-22.1	-3.0	-10.0	0.8	5.7		15.9
Aug	998.9	1019.7	964.7	-9.6	2.5	-24.1	-6.0	-13.1	0.8	6.6		13.7
Sep	997.1	1020.3	961.7	-6.7	2.4	-23.0	-3.4	-10.0	1.0	6.9		15.3
Oct	987.0	1007.1	965.7	-7.1	2.2	-16.1	-4.0	-10.7	1.3	7.3		11.6
Nov	994.9	1010.0	977.9	-1.9	6.9	-16.0	0.7	-4.1	2.2	7.1		17.0
Dec	991.4	1008.1	968.9	0.5	10.7	-4.4	3.1	-1.5	1.8	7.4		12.4
Mean	991.5	1012.3	961.5	-3.3	5.9	-13.4	-0.5	-6.1	1.2	7.0		13.8

1963 WEATHER DATA FOR DECEPTION ISLAND, SOUTH SHETLANDS

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	982.6	994.9	952.2	2.2	7.2	-3.2	4.4	0.3	2.6	7.0	Not Recorded	11.8
Feb	987.3	1001.3	969.0	2.3	9.4	-3.0	4.4	0.3	1.3	7.2		11.2
Mar	979.7	998.1	949.0	-0.5	7.3	-8.3	1.4	-2.6	0.8	7.3		14.5
Apr	988.5	1005.0	958.5	-2.6	3.2	-10.6	-1.1	-4.5	0.5	7.3		13.3
May	988.7	1010.1	949.3	-2.0	5.1	-8.1	-0.1	-4.2	0.0	7.1		15.5
Jun	993.7	1024.2	955.9	-4.3	1.7	-11.2	-2.4	-6.0	0.0	7.0		16.2
Jul	990.3	1016.5	962.6	-4.9	3.3	-16.5	-2.5	-7.6	0.0	6.6		16.2
Aug	996.9	1013.1	961.9	-8.3	1.6	-19.4	-4.6	-11.7	0.2	7.0		13.0
Sep	998.2	1019.4	967.9	-6.2	1.9	-21.7	-3.0	-10.0	1.4	6.7		17.2
Oct	990.7	1008.4	969.1	-4.0	1.1	-15.0	-1.8	-6.5	1.9	6.6		14.4
Nov	991.3	1007.7	970.9	-0.6	3.2	-7.2	-1.1	-2.3	2.3	7.2		13.5
Dec	988.0	1005.1	967.4	0.6	5.7	-5.6	2.6	-1.1	1.3	7.5		14.6
Mean	989.7	1008.7	961.1	-2.4	4.2	-10.8	-0.3	-4.7	1.0	7.0	14.3	

1963 WEATHER DATA FOR ARGENTINE ISLANDS

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	982.4	995.4	952.6	0.2	6.2	-4.6	2.4	-1.8	4.7	6.6	Not Recorded	5.1
Feb	986.2	1000.8	969.3	0.3	6.0	-6.3	2.2	-1.2	2.2	7.0		5.7
Mar	978.3	997.8	<u>942.3</u>	-2.1	<u>8.6</u>	-7.8	0.3	-4.0	1.3	7.0		3.1
Apr	987.9	1004.7	952.7	-4.5	5.2	-11.3	-2.3	-7.0	1.9	6.3		6.5
May	986.4	1011.6	953.6	-3.7	4.6	-12.6	-1.0	-6.6	0.6	6.6		12.1
Jun	993.0	<u>1024.5</u>	<u>949.9</u>	-6.7	1.8	-17.4	-3.9	-8.9	0.2	6.3		7.0
Jul	988.2	1019.0	956.3	-8.9	5.2	-24.3	-4.4	-13.1	0.3	6.5		11.2
Aug	997.3	1016.2	963.1	-15.9	0.7	<u>-35.4</u>	-10.4	-21.8	1.6	5.7		6.3
Sep	997.9	1019.8	963.7	-11.1	2.7	-31.3	-5.9	-16.5	2.2	6.3		9.9
Oct	991.2	1009.5	968.1	-8.3	0.6	-30.2	-4.3	-13.3	4.5	6.2		7.4
Nov	990.1	1007.8	969.2	-2.4	3.5	-18.6	0.2	-5.6	3.4	6.7		3.8
Dec	986.4	1003.3	965.8	0.3	6.2	-6.0	2.3	-1.6	1.4	7.4		5.4
Mean	988.8	1009.2	958.9	-5.2	4.3	-17.1	-2.1	-8.5	2.0	6.5	7.8	

1963 UPPER AIR DATA FOR ARGENTINE ISLANDS

MONTH	MEAN AIR TEMPERATURES (°C) AND HEIGHTS (metres) ABOVE M.S.L. OF STANDARD PRESSURE LEVELS								Mean Tropopause		
	850 mb.	700 mb.	500 mb.	400 mb.	300 mb.	200 mb.	150 mb.	100 mb.	Mb.	Height	Temp.
January	-6.0 (33) 1148	-14.3 (33) 2643	-29.5 (33) 5122	-40.0 (33) 6679	-49.9 (33) 8594	-43.6 (32) 11286	-42.7 (29) 13235	-42.6 (23) 15965	305	8520	-52.8
February	-5.0 (28) 1174	-13.1 (28) 2675	-28.4 (28) 5164	-39.1 (28) 6728	-47.7 (28) 8654	-43.6 (27) 11354	-44.0 (19) 13283	-49.7 (19) 15988	310	8480	-50.7
March	-9.3 (31) 1095	-17.1 (31) 2574	-31.6 (31) 5027	-42.2 (31) 6569	-50.8 (31) 8472	-46.1 (31) 11139	-47.4 (30) 13045	-47.7 (26) 15717	305	8390	-54.1
April	-10.2 (30) 1165	-17.2 (30) 2640	-33.3 (30) 5085	-44.3 (30) 6617	-55.0 (30) 8494	-52.3 (29) 11097	-52.5 (24) 12950	-54.9 (18) 15559	287	8810	-58.1
May	-7.9 (31) 1162	-15.4 (31) 2649	-31.4 (31) 5112	-42.5 (31) 6655	-55.6 (31) 8540	-59.9 (30) 11073	-59.5 (26) 12871	-62.4 (16) 15411	255	9650	-63.3
June	-10.8 (30) 1205	-17.9 (30) 2677	-33.8 (30) 5115	-44.9 (30) 6644	-57.1 (30) 8513	-65.0 (30) 11015	-65.3 (28) 12753	-	235	10200	-66.7
July	-11.5 (31) 1167	-18.7 (31) 2636	-34.9 (31) 5067	-45.8 (31) 6588	-58.4 (31) 8449	-68.6 (30) 10941	-69.3 (22) 12684	-	237	9980	-67.6
August	-14.0 (31) 1211	-20.5 (31) 2665	-36.3 (31) 5079	-47.1 (31) 6591	-59.5 (31) 8433	-70.2 (30) 10900	-72.6 (27) 12581	-	212	10510	-71.3
September	-13.7 (34) 1216	-19.6 (34) 2674	-34.9 (34) 5099	-45.2 (34) 6622	-57.8 (34) 8489	-69.8 (32) 10964	-73.6 (28) 12681	-	213	10710	-70.5
October	-12.6 (32) 1188	-18.0 (32) 2659	-33.7 (32) 5096	-45.2 (32) 6622	-58.9 (32) 8486	-68.1 (32) 10965	-68.7 (31) 12688	-68.4 (25) 15110	219	10480	-68.6
November	-6.7 (30) 1199	-14.5 (30) 2694	-29.9 (30) 5169	-40.8 (30) 6724	-53.8 (30) 8623	-58.7 (30) 11182	-56.9 (29) 12983	-	258	9690	-61.2
December	-6.0 (31) 1177	-14.5 (31) 2670	-30.1 (31) 5144	-41.2 (31) 6696	-53.7 (31) 8593	-47.1 (31) 11228	-43.3 (29) 13139	-40.6 (19) 15881	293	8740	-55.3
Mean	-9.5 1176	-16.7 2655	-32.3 5107	-43.2 6645	-54.9 8528	-57.7 11095	-58.0 12908	-52.3 15662	261	9513	-61.7

NOTE: Figures in brackets denote the number of soundings on which the means are based.

1963 WEATHER DATA FOR ADELAIDE ISLAND

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	981.8	997.4	956.1	0.1	6.7	-4.5	2.3	-1.7	4.2	6.7	Not recorded	10.7
Feb	984.8	999.8	966.0	0.3	<u>7.5</u>	-7.6	2.7	-1.7	2.8	7.1		10.0
Mar	976.5	997.2	<u>944.1</u>	-3.7	3.9	-13.2	-0.9	-6.2	2.1	7.1		14.2
Apr	987.1	1006.2	950.1	-7.4	3.2	-16.5	-4.3	-10.0	1.7	6.1		14.5
May	983.4	1009.8	954.7	-5.6	5.8	-20.1	-1.7	-9.2	0.4	6.5		18.0
Jun	991.6	<u>1023.5</u>	958.4	-7.7	4.7	-22.5	-4.7	-11.1	0.0	6.4		13.5
Jul	984.9	1017.7	953.1	-10.2	3.2	-29.4	-5.3	-15.5	0.0	5.7		19.5
Aug	996.6	1015.2	952.2	-19.1	-0.5	<u>-44.5</u>	-12.8	-24.6	1.7	5.7		14.8
Sep	993.3	1018.7	956.2	-10.5	3.4	-31.0	-5.6	-15.4	2.0	6.3		23.9
Oct	990.4	1013.0	968.8	-8.7	-0.1	-27.6	-4.4	-13.2	3.6	6.4		13.8
Nov	987.0	1010.9	960.5	-2.5	6.4	-17.5	0.0	-5.3	3.2	7.1		16.9
Dec	985.4	1002.4	966.1	0.7	6.6	-7.0	3.4	-1.7	3.3	7.3		6.8
Mean	986.9	1009.3	957.2	-6.2	4.2	-20.1	-2.6	-9.6	2.1	6.5	14.7	

1963 WEATHER DATA FOR HALLEY BAY, COATS LAND

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	984.6	998.2	961.6	-4.9	0.5	-14.7	-2.0	-8.5	6.4	6.3	Not Recorded	8.2
Feb	988.8	1002.7	977.7	-11.3	-1.9	-29.6	-7.4	-15.9	6.7	5.9		7.6
Mar	980.9	997.3	964.4	-14.0	-6.0	-26.9	-10.1	-19.3	3.3	6.2		15.5
Apr	990.0	1005.1	962.1	-22.3	-5.8	-43.2	-19.0	-26.6	0.7	5.6		11.5
May	995.8	1016.8	980.9	-26.1	-40.3	-48.7	-20.9	-31.9	0.0	5.0		11.2
Jun	986.5	1017.0	963.1	-25.6	-6.2	-46.2	-20.3	-30.6	0.0	4.5		10.8
Jul	988.4	1006.4	966.1	-25.9	-7.9	-46.3	-21.2	-31.2	0.0	4.6		14.0
Aug	997.4	1018.4	973.1	-19.9	-4.4	-41.6	-14.9	-25.2	0.4	5.9		18.1
Sep	991.2	1004.4	970.3	-25.2	-13.3	-46.1	-20.7	-31.2	3.5	5.1		12.4
Oct	987.7	999.0	977.7	-21.9	-4.2	-37.5	-17.8	-27.2	5.8	5.7		8.8
Nov	981.3	994.7	966.2	-12.6	-2.4	-24.3	-9.1	-17.2	7.1	6.1		11.8
Dec	991.6	1008.1	971.7	-5.8	1.8	-16.7	-2.6	-9.8	7.8	5.9		9.4
Mean	988.7	1005.7	969.6	-18.0	-5.0	-35.1	-13.8	-22.9	3.5	5.6	11.6	

1963 UPPER AIR DATA FOR HALLEY BAY

MONTH	MEAN AIR TEMPERATURES (°C) AND HEIGHTS (metres) ABOVE M.S.L. OF STANDARD PRESSURE LEVELS								Mean Tropopause		
	850 mb.	700 mb.	500 mb.	400 mb.	300 mb.	200 mb.	150 mb.	100 mb.	Mb.	Height	Temp.
January	- 9.3 (29) 1160	-15.2 (29) 2644	-29.4 (28) 5115	-40.1 (28) 6673	-52.6 (28) 8578	-44.5 (28) 11241	-42.6 (27) 13171	-41.0 (23) 15916	290	8741	-54.7
February	-13.0 (26) 1164	-20.9 (26) 2621	-34.8 (26) 5035	-44.2 (26) 6562	-53.1 (26) 8449	-44.3 (26) 11120	-43.6 (23) 13053	-42.6 (19) 15792	307	8300	-55.1
March	-13.8 (30) 1097	-22.1 (30) 2549	-36.0 (30) 4953	-45.9 (29) 6470	-53.9 (28) 8342	-46.6 (27) 10990	-47.0 (25) 12894	-47.3 (16) 15579	310	8160	-56.3
April	-19.2 (29) 1132	-23.9 (29) 2563	-38.8 (29) 4941	-49.0 (29) 6440	-59.2 (29) 8283	-57.6 (29) 10831	-56.3 (28) 12661	-59.9 (14) 15179	292	8490	-62.3
May	-17.3 (29) 1178	-22.9 (29) 2619	-37.5 (29) 5014	-47.5 (29) 6522	-60.6 (28) 8371	-65.5 (28) 10847	-65.5 (28) 12599	-69.4 (18) 15032	249	9590	-67.9
June	-21.4 (30) 1096	-24.7 (30) 2516	-38.9 (30) 4899	-49.2 (30) 6396	-59.5 (30) 8233	-69.3 (30) 10693	-71.3 (29) 12410	-76.1 (21) 14785	221	10230	-70.4
July	-19.9 (25) 1121	-25.1 (25) 2548	-39.9 (25) 4922	-50.8 (25) 6411	-63.6 (25) 8229	-74.9 (25) 10639	-77.9 (22) 12305	-81.7 (16) 14624	206	10528	-76.5
August	-18.1 (27) 1210	-22.9 (27) 2649	-38.6 (27) 5040	-50.2 (27) 6534	-64.3 (26) 8358	-77.8 (26) 10750	-81.6 (19) 12367	-84.1 (9) 14622	179	11459	-81.4
September	-18.2 (27) 1138	-23.4 (27) 2572	-38.4 (27) 4764	-49.2 (27) 6464	-63.2 (27) 8289	-76.4 (27) 10698	-79.4 (27) 12345	-81.9 (19) 14626	203	10642	-77.9
October	-19.7 (29) 1117	-24.1 (29) 2546	-37.8 (29) 4938	-48.4 (29) 6442	-61.5 (29) 8283	-71.1 (29) 10711	-74.8 (26) 12395	-73.9 (16) 14759	207	10542	-74.2
November	-15.3 (27) 1092	-19.8 (27) 2545	-35.2 (27) 4967	-45.8 (27) 6488	-57.5 (27) 8352	-60.3 (27) 10863	-60.6 (27) 12643	-53.1 (17) 15232	254	9421	-63.9
December	- 9.4 (30) 1205	-18.6 (30) 2678	-32.9 (30) 5114	-43.2 (30) 6649	-53.6 (30) 8537	-47.1 (30) 11173	-42.2 (23) 13127	-40.3 (17) 15919	303	8510	-55.2
Mean	-16.2 1143	-22.0 2587	-36.5 4992	-47.0 6504	-58.5 8359	-61.3 10880	-61.9 12664	-62.6 15172	252	9551	-66.3

NOTE: Figures in brackets denote the number of soundings on which the means are based

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1964 WEATHER DATA FOR STANLEY, FALKLAND ISLANDS

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	1000.9	1019.8	977.9	9.7	<u>21.1</u>	2.4	14.2	6.5	6.1	6.0	98.3	15.4
Feb	998.1	1017.0	978.6	9.9	20.5	2.5	14.6	6.1	6.0	5.6	22.5	14.2
Mar	1000.9	1028.6	<u>952.3</u>	7.2	15.8	0.2	11.0	3.7	3.9	5.7	69.6	12.7
Apr	1001.9	1026.6	964.8	5.5	12.3	-0.1	8.7	2.7	2.8	5.5	60.3	18.5
May	1002.8	1026.4	979.3	3.7	9.2	-3.8	5.8	1.5	1.6	5.9	45.4	15.3
Jun	1001.3	1026.5	973.2	1.4	6.1	-6.2	3.4	-1.1	1.3	5.7	49.6	14.4
Jul	1007.3	<u>1036.0</u>	980.0	2.8	7.6	-2.7	4.6	0.9	1.6	6.3	43.8	14.3
Aug	997.3	1018.8	976.3	1.5	7.7	<u>-7.9</u>	4.4	-1.2	3.1	4.9	67.2	17.0
Sep	1011.2	1033.4	979.7	3.1	12.5	-4.7	6.8	0.2	4.1	5.4	24.6	12.8
Oct	1009.7	1030.2	972.2	5.8	18.4	-1.3	9.6	2.7	5.1	5.7	21.0	15.5
Nov	1004.0	1019.4	986.5	5.7	15.5	-1.2	9.6	2.3	6.9	5.7	64.9	18.2
Dec	1000.5	1017.5	981.4	7.3	14.3	-0.3	10.7	4.4	5.5	6.5	47.2	15.5
Mean	1003.0	1025.0	975.2	5.3	13.4	-1.9	8.6	2.4	4.0	5.7	51.2	15.3

1964 UPPER AIR DATA FOR STANLEY, FALKLAND ISLANDS

MONTH	MEAN AIR TEMPERATURES (°C) AND HEIGHTS (metres) ABOVE M.S.L. OF STANDARD PRESSURE LEVELS								Mean Tropopause		
	850 mb.	700 mb.	500 mb.	400 mb.	300 mb.	200 mb.	150 mb.	100 mb.	Mb.	Height	Temp.
January	3.5 (31) 1342	- 5.6 (31) 2893	-21.9 (31) 5446	-33.4 (31) 7051	-47.0 (31) 9012	-52.1 (31) 11649	-47.0 (30) 13523	-50.5 (29) 16171	252	10253	-56.8
February	3.1 (29) 1319	- 6.1 (29) 2864	-22.9 (29) 5413	-34.4 (29) 7010	-45.7 (29) 8967	-51.5 (29) 11611	-49.2 (29) 13492	-50.0 (29) 16144	262	9953	-55.0
March	0.5 (31) 1331	- 8.5 (31) 2861	-24.2 (31) 5394	-35.5 (31) 6924	-49.4 (31) 8927	-52.8 (31) 11546	-51.5 (30) 13411	-52.5 (29) 16041	257	10016	-56.8
April	- 1.3 (30) 1330	- 9.0 (30) 2854	-25.0 (30) 5381	-36.2 (30) 6966	-49.7 (30) 8904	-55.9 (30) 11500	-54.7 (30) 13333	-55.2 (29) 15903	243	10363	-59.2
May	- 2.0 (27) 1341	-10.1 (27) 2861	-27.0 (27) 5373	-38.7 (27) 6944	-50.9 (27) 8865	-57.6 (27) 11449	-56.5 (26) 13260	-57.8 (24) 15829	250	10118	-59.4
June	- 5.6 (27) 1304	-14.7 (27) 2801	-32.1 (27) 5265	-43.7 (27) 6802	-56.3 (27) 8680	-60.8 (27) 11213	-59.1 (26) 13013	-60.8 (25) 15550	256	9759	-63.1
July	- 2.7 (30) 1365	-11.2 (30) 2880	-28.3 (30) 5379	-39.5 (30) 6944	-53.7 (30) 8853	-61.3 (30) 11393	-60.6 (29) 13182	-63.1 (24) 15714	241	10293	-64.2
August	- 5.2 (31) 1272	-15.1 (31) 2768	-31.4 (31) 5231	-42.1 (31) 6777	-54.6 (31) 8671	-60.7 (31) 11216	-60.8 (31) 13009	-63.5 (27) 15521	257	9709	-62.0
September	- 3.4 (30) 1395	-11.9 (30) 2904	-28.2 (30) 5396	-39.4 (30) 6961	-52.4 (30) 8876	-60.2 (30) 11439	-60.2 (30) 13235	-62.9 (30) 15751	245	10275	-61.9
October	1.1 (13) 1411	- 7.6 (13) 2948	-25.5 (13) 5479	-37.1 (13) 7062	-50.2 (13) 8998	-58.2 (13) 11582	-56.8 (12) 13392	-56.7 (12) 15962	240	10547	-60.2
November	- 1.3 (10) 1349	- 9.3 (10) 2875	-24.8 (10) 5403	-35.6 (10) 6992	-49.6 (10) 8935	-53.2 (10) 11539	-52.2 (10) 13402	-51.0 (9) 16016	249	10139	-57.4
December	- 0.3 (10) 1316	- 8.2 (10) 2846	-24.4 (10) 5381	-36.2 (10) 6969	-49.9 (10) 8906	-50.5 (10) 11528	-49.0 (10) 13413	-50.3 (9) 16064	269	9666	-56.2
Mean	- 1.1 1340	- 9.8 2863	-26.3 5378	-37.7 6955	-50.9 8883	-56.2 11472	-54.8 13305	-56.2 15889	252	10091	-59.3

NOTE: Figures in brackets denote the number of soundings on which the means are based.

1964. WEATHER DATA FOR GRYTVIKEN, SOUTH GEORGIA

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	999.6	1021.0	975.3	4.3	16.0	-2.2	7.5	1.5	4.0	6.4	146.6	6.8
Feb	993.4	1015.5	961.7	5.3	18.3	-0.8	9.2	1.9	4.5	5.8	272.1	10.6
Mar	998.4	1016.4	966.8	3.6	12.2	-4.3	7.2	0.9	2.7	5.7	204.6	7.5
Apr	986.8	1011.4	961.2	1.2	10.9	-7.6	4.5	-1.8	2.2	5.3	154.9	9.4
May	996.5	1012.5	968.2	-1.0	9.7	-7.7	2.4	-3.7	1.2	4.7	131.3	6.9
Jun	995.3	1023.7	966.0	-1.4	4.6	-6.8	0.9	-3.7	0.0	5.5	147.1	6.6
Jul	1007.3	1035.0	979.0	-3.9	4.8	-13.3	-0.9	-6.9	0.6	5.3	125.9	7.2
Aug	992.9	1023.5	966.0	-2.2	7.2	-11.6	0.8	-5.1	1.3	5.6	368.4	11.1
Sep	1008.2	1028.5	967.2	0.7	12.3	-9.3	4.3	-2.9	4.1	5.0	148.0	10.5
Oct	1004.5	1023.3	972.6	4.6	16.8	-6.5	9.1	0.0	7.2	4.7	12.3	12.6
Nov	993.1	1023.9	962.1	2.2	12.7	-3.3	5.9	-0.6	4.5	6.1	171.7	7.6
Dec	1000.7	1018.9	960.8	2.3	10.8	-2.8	4.8	0.0	3.1	6.6	68.1	6.6
Mean	998.1	1021.1	967.2	1.3	11.4	-6.3	4.6	-1.7	2.9	5.6	162.6	8.6

1964 WEATHER DATA FOR SIGNY ISLAND, SOUTH ORKNEYS

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	996.5	1018.7	977.7	0.7	12.5	-2.4	3.1	-0.8	1.5	7.4		12.4
Feb	988.6	1004.9	954.8	1.0	13.6	-3.7	3.5	-0.9	1.2	7.3		13.3
Mar	993.3	1020.1	969.9	0.3	10.7	-6.1	2.2	-1.9	1.6	7.0		15.3
Apr	989.4	1012.4	956.2	-4.9	4.3	-11.9	-2.5	-7.1	1.0	6.9		12.6
May	991.8	1012.9	950.9	-4.5	4.4	-18.5	-0.9	-8.1	0.4	6.5		13.8
Jun	993.5	1025.9	968.1	-7.6	2.8	-24.3	-4.7	-10.6	0.0	6.7		11.3
Jul	1010.0	1039.6	973.6	-10.4	0.8	-27.7	-6.1	-14.6	0.6	5.4	Not Recorded	8.9
Aug	987.3	1020.8	953.4	-14.1	2.3	-34.8	-8.2	-20.7	1.4	5.4		9.9
Sep	997.3	1018.6	980.2	-4.9	8.6	-30.2	-1.4	-8.9	1.5	6.9		19.9
Oct	992.4	1016.2	961.3	-0.6	6.7	-16.1	1.6	-2.7	1.2	7.2		21.2
Nov	991.2	1015.9	963.1	-1.0	5.2	-5.9	0.8	-2.4	1.9	7.0		13.8
Dec	998.2	1011.2	965.2	0.6	8.0	-4.4	2.4	-1.1	2.5	7.2		9.8
Mean	994.1	1018.1	964.5	-3.8	6.7	-15.5	-0.9	-6.7	1.2	6.7		13.5

1964 WEATHER DATA FOR DECEPTION ISLAND, SOUTH SHETLANDS

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	993.8	1008.0	977.8	1.3	8.2	-3.5	3.3	-0.7	1.2	7.4	Not Recorded	16.3
Feb	986.1	1004.6	965.1	1.8	7.8	-3.0	4.1	-0.7	2.3	6.8		14.3
Mar	991.0	1016.3	964.1	0.3	5.7	-7.7	2.4	-2.2	1.1	6.8		13.1
Apr	992.5	1011.7	968.0	-3.6	4.8	-11.0	-1.1	-6.5	0.5	6.6		18.2
May	991.9	1012.2	960.5	-3.4	4.1	-15.1	-1.0	-6.2	0.0	6.4		16.9
Jun	994.2	1024.1	962.0	-5.8	1.2	-14.5	-2.9	-9.2	0.0	6.0		17.3
Jul	1007.0	1032.9	976.8	-7.6	1.8	-16.3	-4.8	-10.9	0.0	6.0		23.0
Aug	988.4	1016.0	957.1	-15.2	1.1	-25.0	-11.7	-17.5	0.5	6.2		16.8
Sep	992.2	1015.8	966.5	-4.2	2.6	-17.5	-1.3	-7.2	1.4	6.7		14.3
Oct	987.5	1008.8	962.2	-0.6	2.9	-7.1	1.2	-3.1	1.8	6.8		18.9
Nov	991.0	1007.1	972.6	0.2	5.4	-8.8	2.0	-1.9	2.8	6.7		12.3
Dec	994.8	1009.9	980.9	1.4	8.7	-6.4	4.0	-0.8	3.3	6.7		10.2
Mean	992.5	1013.9	967.8	-2.9	4.5	-11.3	-0.5	-5.6	1.2	6.6		16.0

1964 WEATHER DATA FOR ARGENTINE ISLANDS

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	993.7	1011.7	971.7	0.6	5.9	-4.8	2.8	-1.0	2.7	7.2	Not Recorded	3.8
Feb	984.7	1005.2	964.2	0.3	6.4	-7.6	2.5	-1.9	2.7	6.8		6.0
Mar	989.3	1013.7	955.5	-1.5	7.2	-11.7	1.2	-4.5	2.1	6.2		7.4
Apr	991.7	1007.6	964.4	-4.8	4.4	-15.4	-2.5	-7.5	1.0	5.9		6.4
May	990.5	1007.8	962.7	-5.5	3.1	-17.9	-2.3	-8.9	0.7	6.4		8.6
Jun	993.3	1025.1	952.6	-9.3	-0.3	-25.2	-5.1	-14.5	0.7	5.4		8.9
Jul	1005.2	1028.4	972.9	-5.6	3.1	-17.5	-2.7	-8.7	0.6	5.6		7.5
Aug	988.2	1015.6	950.3	-16.0	-1.8	-33.5	-11.5	-21.8	2.7	5.3		6.4
Sep	989.8	1016.0	955.6	-9.3	3.8	-29.0	-5.0	-15.1	2.0	6.3		10.7
Oct	983.8	1005.6	960.8	-2.2	2.9	-15.4	3.0	-5.7	0.6	7.7		13.5
Nov	990.1	1006.2	973.7	-1.5	4.7	-16.0	1.8	-5.3	5.5	6.3		8.1
Dec	994.1	1009.7	982.3	-0.1	5.8	-10.1	2.8	-2.7	3.9	6.7		6.0
Mean	991.2	1012.7	963.9	-4.6	3.8	-17.0	-1.3	-8.1	2.1	6.3	7.8	

1964 UPPER AIR DATA FOR ARGENTINE ISLANDS

MONTH	MEAN AIR TEMPERATURES (°C) AND HEIGHTS (metres) ABOVE M.S.L. OF STANDARD PRESSURE LEVELS								Mean Tropopause		
	850 mb.	700 mb.	500 mb.	400 mb.	300 mb.	200 mb.	150 mb.	100 mb.	Mb.	Height	Temp.
January	-4.5 (31) 1242	-11.9 (31) 2747	-27.2 (31) 5248	-38.0 (31) 6821	-50.7 (31) 8745	-46.7 (31) 11391	-44.4 (28) 13315	-43.5 (25) 16029	277	9250	-54.9
February	-5.6 (29) 1166	-14.6 (29) 2361	-30.0 (29) 5137	-41.3 (29) 6690	-51.2 (29) 8592	-44.1 (28) 11272	-43.2 (27) 13202	-44.7 (22) 15924	307	8450	-53.6
March	-5.9 (31) 1199	-13.6 (31) 2698	-29.0 (31) 5181	-40.4 (31) 6740	-52.6 (31) 8045	-49.9 (30) 11250	-50.0 (25) 13162	-49.7 (15) 15780	282	9070	-56.4
April	-8.9 (30) 1196	-15.2 (30) 2681	-30.7 (30) 5151	-41.9 (30) 6699	-54.0 (30) 8595	-52.8 (29) 11177	-52.9 (27) 13035	-54.5 (22) 15636	278	9110	-58.6
May	-8.1 (30) 1195	-15.5 (31) 2681	-31.0 (31) 5148	-41.7 (31) 6697	-53.8 (31) 8594	-61.2 (31) 11142	-60.9 (30) 12926	-61.2 (28) 15466	244	10050	-63.2
June	-12.6 (29) 1200	-20.5 (29) 2659	-36.1 (29) 5074	-47.4 (29) 5687	-58.9 (29) 8437	-65.7 (29) 10928	-66.2 (29) 12676	-67.8 (20) 15170	247	9710	-66.0
July	-8.5 (31) 1312	-15.2 (31) 2798	-30.9 (31) 5265	-42.9 (31) 6807	-57.8 (31) 8684	-71.6 (31) 11144	-72.9 (22) 12385	-74.0 (9) 15276	216	10740	-73.0
August	-17.1 (31) 1138	-23.5 (31) 2577	-38.4 (31) 4966	-49.9 (31) 6463	-61.7 (31) 8292	-70.5 (31) 10744	-73.3 (24) 12443	-75.4 (5) 14854	228	10110	-70.0
September	-12.0 (30) 1173	-19.0 (30) 2639	-35.5 (30) 5065	-47.2 (30) 6580	-60.8 (30) 8428	-70.2 (29) 10878	-74.1 (27) 12566	-74.4 (15) 14933	219	10460	-71.4
October	-8.5 (31) 1143	-17.1 (31) 2624	-33.0 (31) 5069	-43.5 (31) 6605	-53.7 (30) 8485	-59.6 (30) 11043	-60.4 (29) 12828	-57.1 (17) 15406	274	9170	-60.2
November	-6.6 (30) 1204	-15.0 (30) 2695	-30.9 (30) 5163	-41.8 (30) 6711	-51.5 (30) 8612	-49.3 (29) 11239	-47.0 (29) 13136	-44.7 (24) 15824	300	8690	-54.4
December	-6.2 (31) 1238	-13.5 (31) 2736	-28.9 (31) 5218	-40.3 (31) 6777	-50.4 (31) 8690	-46.8 (31) 11344	-44.9 (29) 13258	-44.2 (21) 15977	301	8700	-53.5
Mean	-8.7 1201	-16.2 2683	-31.8 5140	-43.0 6606	-54.8 8567	-57.4 11129	-57.5 12953	-57.6 15523	264	9460	-61.3

NOTE: Figures in brackets denote the number of soundings on which the means are based.

1964 WEATHER DATA FOR ADELAIDE ISLAND

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	993.4	1008.6	970.6	1.0	8.3	-4.3	4.0	-1.2	4.1	6.6		6.0
Feb	984.1	1004.6	963.9	0.0	6.2	-8.4	2.6	-2.4	3.6	6.7		8.7
Mar	986.2	1010.9	948.8	-2.3	4.0	-16.2	6.3	-5.1	2.1	6.4		15.4
Apr	990.3	1002.8	963.0	-7.7	4.9	-25.8	-3.8	-11.4	2.1	6.0		11.3
May	987.8	1008.1	965.7	-9.5	5.0	-26.7	-4.2	-14.7	0.2	6.0		18.3
Jun	992.8	1025.9	948.5	-11.6	1.0	-29.2	-6.9	-12.5	0.0	4.9	Not Recorded	14.6
Jul	1003.0	1027.0	975.0	-6.0	4.6	-20.2	-2.4	-10.0	0.0	5.3		11.1
Aug	989.2	1016.9	948.9	-20.1	-0.8	-34.2	-15.2	-24.9	1.4	5.4		9.7
Sep	985.9	1012.3	949.7	-9.6	4.6	-29.7	-4.8	-14.5	1.8	6.4		18.3
Oct	977.0	997.7	952.5	-3.1	4.8	-17.5	0.1	-6.3	1.9	7.2		23.1
Nov	988.3	1002.3	969.5	-1.1	6.4	-12.5	2.2	-3.9	6.7	5.9		12.7
Dec	992.8	1010.2	981.2	0.0	6.9	-8.8	2.5	-2.1	4.4	6.7		7.9
Mean	989.2	1010.6	961.4	-5.8	-5.2	-19.5	-1.6	-9.1	2.4	6.1		13.1

1964 WEATHER DATA FOR HALLEY BAY, COATS LAND

MONTH	M.S.L. PRESSURE (mb)			TEMPERATURE (°C)					Average Daily Sunshine (hours)	Average Cloud Amount (oktas)	Total Rainfall (millimetres)	Mean Wind Speed (Knots)
	Average	Highest	Lowest	Average	Highest	Lowest	Mean Daily Maximum	Mean Daily Minimum				
Jan	996.1	1010.0	978.2	-5.4	2.8	-19.1	-2.4	-9.6	12.5	4.4	Not Recorded	11.3
Feb	991.7	1004.6	976.0	-9.9	0.2	-25.9	-5.6	-15.4	5.3	5.7		9.9
Mar	985.1	1005.7	967.4	-16.2	-3.1	-37.6	-10.8	-22.5	3.3	5.5		11.9
Apr	987.1	1006.6	961.5	-25.0	-7.4	-43.4	-20.0	-30.7	0.9	4.7		8.9
May	982.6	1005.2	967.2	-32.1	-13.5	-49.0	-27.2	-38.4	0.0	4.5		9.3
Jun	1004.8	1024.4	966.9	-22.4	-10.3	-40.3	-18.7	-26.5	0.0	5.3		19.0
Jul	1007.8	1027.8	981.3	-29.9	-11.5	-47.7	-24.3	-36.0	0.0	4.4		8.9
Aug	991.2	1010.6	970.9	-33.5	-21.2	-48.6	-28.3	-38.9	0.1	4.6		9.3
Sep	981.2	998.6	954.5	-33.3	-19.5	-50.3	-27.6	-39.0	4.5	3.7		9.5
Oct	980.3	994.6	959.5	-22.8	-9.4	-44.3	-17.6	-30.2	6.9	4.6		11.7
Nov	994.0	1007.5	977.6	-12.8	-2.3	-30.2	-8.9	-18.0	10.0	5.1		8.4
Dec	993.4	1005.1	975.7	-6.1	0.3	-17.8	-3.0	-9.9	11.5	5.4		9.9
Mean	991.3	1008.4	969.7	-20.8	-7.9	-37.9	-16.2	-26.3	4.6	4.8	10.7	

1964 UPPER AIR DATA FOR HALLEY BAY

MONTH	MEAN AIR TEMPERATURES (°C) AND HEIGHTS (metres) ABOVE M.S.L. OF STANDARD PRESSURE LEVELS								Mean Tropopause		
	850 mb.	700 mb.	500 mb.	400 mb.	300 mb.	200 mb.	150 mb.	100 mb.	Mb.	Height	Temp.
January	- 8.1 (28) 1246	-14.6 (28) 2735	-29.4 (28) 5212	-39.3 (28) 6774	-51.2 (27) 8703	-47.1 (27) 11331	-44.0 (25) 13260	-42.2 (13) 15980	277	9270	-55.5
February	-11.4 (27) 1209	-17.1 (27) 2683	-31.9 (27) 5138	-42.9 (27) 6681	-53.0 (27) 8583	-46.1 (26) 11229	-44.4 (19) 13166	-44.1 (14) 15877	294	8730	-56.0
March	-14.4 (27) 1125	-21.6 (27) 2574	-34.4 (27) 4994	-44.3 (27) 6526	-53.8 (27) 8405	-48.4 (27) 11043	-48.3 (22) 12931	-49.6 (13) 15592	298	8480	-55.7
April	-17.8 (30) 1106	-22.7 (30) 2548	-37.0 (30) 4947	-46.9 (30) 6457	-57.5 (30) 8320	-55.4 (30) 10885	-56.3 (29) 12717	-59.3 (19) 15267	286	8610	-60.1
May	-24.7 (29) 1046	-28.1 (29) 2451	-40.7 (29) 4809	-49.9 (29) 6299	-60.0 (29) 8135	-61.6 (29) 10650	-64.1 (27) 12427	-68.0 (21) 14901	283	8520	-62.7
June	-16.9 (25) 1272	-22.4 (25) 2712	-37.9 (25) 5108	-49.1 (25) 6610	-62.4 (25) 8441	-73.9 (24) 10871	-74.8 (21) 12538	-79.3 (18) 14848	215	10530	-73.5
July	-18.9 (31) 1258	-23.4 (31) 2695	-38.4 (31) 5083	-48.7 (31) 6585	-61.6 (31) 8422	-72.8 (31) 10858	-75.9 (30) 12526	-81.5 (21) 14838	212	10600	-73.4
August	-23.3 (30) 1119	-27.7 (30) 2531	-42.2 (30) 4884	-53.1 (30) 6359	-64.7 (30) 8161	-76.3 (29) 10560	-80.1 (28) 12203	-85.2 (12) 14503	184	11250	-79.5
September	-22.1 (30) 1042	-26.0 (30) 2462	-41.0 (30) 4828	-52.3 (30) 6310	-64.7 (29) 8119	-75.2 (29) 10524	-78.0 (29) 12181	-81.5 (20) 14474	200	10620	-76.4
October	-18.3 (31) 1062	-24.4 (31) 2496	-38.2 (31) 4886	-48.1 (30) 6390	-61.0 (30) 8233	-71.3 (28) 10680	-72.3 (26) 12377	-72.6 (21) 14739	219	10210	-71.7
November	-14.4 (30) 1196	-19.9 (30) 2650	-34.1 (30) 5080	-44.7 (30) 6608	-56.3 (30) 8482	-55.4 (30) 11050	-52.6 (28) 12887	-47.0 (21) 15573	281	8930	-59.3
December	-11.2 (31) 1212	-19.8 (31) 2677	-34.8 (31) 5101	-45.2 (31) 6625	-52.5 (31) 8504	-44.7 (31) 11175	-42.0 (30) 13114	-40.2 (25) 15852	323	8030	-54.5
Mean	-16.8 1158	-22.3 2601	-36.7 5006	-47.0 6519	-58.2 8376	-60.7 10905	-61.1 12694	-62.5 15204	256	9482	-64.9

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BRITISH ANTARCTIC METEOROLOGICAL SERVICE

Formerly

Falkland Islands and Dependencies Meteorological Service

ANNUAL REPORT

for the year

1965

Presented to the Governor

BRITISH ANTARCTIC METEOROLOGICAL SERVICE

ANNUAL REPORT

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ANNUAL REPORT OF THE BRITISH ANTARCTIC

METEOROLOGICAL SERVICE FOR: 1965

1. Introduction

The Service is constituted as an integral part of the British Antarctic Survey and most of its stations are operated by that authority, but the Chief Meteorological Officer, with Headquarters in Stanley, is also responsible to the Governor of the Falkland Islands and Dependencies for the efficiency of the meteorological service in the Falkland Islands and at Grytviken in South Georgia. The British Antarctic Meteorological Service is thus the official meteorological service of both the British Antarctic Territory and the Falkland Islands and Dependencies.

The Director-General of the United Kingdom Meteorological Office, in agreement with the Colonial Office, is the controlling authority for the Main Meteorological Office at Stanley, and, through the Chief Meteorological Officer, for the observing stations in the Falkland Islands and for the technical work of the meteorological staffs at Grytviken and at the Bases of the British Antarctic Survey.

The Service is represented in the international field by the appropriate United Kingdom Department, but the Chief Meteorological Officer deals with routine matters such as the distribution of synoptic and climatic data to international bodies and institutions.

General policy is directed by the Governor, who is also the High Commissioner for the British Antarctic Territory, after consultation as required, with the Secretary of State for the Colonies.

The general functions of the Service are:-

- (i) The organisation of meteorological observations in the Falkland Islands and Dependencies and in the British Antarctic Territory, and the broadcasting of this information in the form of collective synoptic messages for international use;
- (ii) the provision of forecasts for the whaling fleets operating in the South Atlantic West of 10°W, and for shipping in general within the waters of the Falkland Islands Dependencies and British Antarctic Territory;
- (iii) the provision of forecasts for the general public and the Government Air Service within the Colony, and for any aircraft requiring meteorological support for operations in the area as a whole;
- (iv) the editing and publication of climatic data;
- (v) limited investigations into the meteorology of the area.

The cost of the Service is carried mainly on the British Antarctic Survey Budget with a contribution, for the Falkland Islands stations and South Georgia, from the Colony. The estimates for the financial year 1965-1966 are shown at Appendix I. These figures cover technical services only.

2. Observations and Reports

(a) Stanley and Outstations

Full synoptic observations for 0000, 0300, 0600, 0900, 1200, 1500, 1800, 2100 and 2300 GMT were made daily throughout the year at Stanley, Grytviken, Signy, Deception, Argentine Islands, Adelaide Island and Halley Bay, the latter also passing on, whenever available, observations from the South African Antarctic Base.

From 1st January to 26th March, and again from 1st October until mid-December, the Whaling Station at Leith Harbour (South Georgia) provided full synoptic reports at 0000, 0600, 1200 and 1800 GMT daily. These were passed on to Stanley via Grytviken, and included in the Falklands Territorial Broadcasts.

Subsidiary stations, operated by voluntary observers, were maintained throughout the year in the Falkland Islands at West Point, Weddell Island, Fox Bay and Darwin, and their 1200 GMT (0800 LMT) synoptic reports were transmitted to Stanley by R/T on weekdays, and in some cases also on Sundays, for inclusion in the 1305 GMT Territorial Broadcast.

Unofficial observers at various other settlements in the Falkland Islands also endeavoured to report wind, weather, visibility and cloud conditions, and these reports, also received via the R/T Service, were of considerable value in local forecasting and briefing of the Government Air Service for its internal flights.

Argentine Islands and Halley Bay made full upper-air soundings at 1200 GMT on most days throughout the year, supplemented by additional soundings at 0000 GMT during the Antarctic stratospheric warming period in October and November. At Stanley upper-air soundings of temperature and humidity only were made at approximately 3-day intervals during the months February-March and May-August, but no soundings were possible from September onwards due to lack of suitably trained staff.

Stanley, Grytviken, Signy, Deception and Adelaide Island continued to furnish upper-wind reports by visual tracking of pilot-balloons whenever cloud conditions made this possible, particular emphasis being placed on such observations at Stanley during the latter part of the year when radio-sonde soundings were no longer practicable. The numbers of pilot-balloon observations made during the year were: Stanley 245, Grytviken 84, Signy 140, Deception 53, and Adelaide Island 252.

(b) Research, Merchant and H.M. Ships

Full synoptic reports were received at Stanley from R.R.S. "Shackleton", R.R.S. "John Biscoe", M/V "Kista Dan", R.H.S. "Darwin" and H.M.S. Protector. Including 106 reports from miscellaneous vessels, a total of 1,604 coded ship-reports were collected by Stanley during the year, and almost all of these were rebroadcast in the Territorial Collectives.

(c) Whaling Vessel Reports

The 24-hour whaling-vessel collectives broadcast at 1000 GMT by Cape Town ZSC during the 1964/65 and 1965/66 whaling seasons were intercepted at both Stanley and Grytviken.

3. Forecasting Services

A synopsis of the main routine forecasts issued by the meteorological offices at Stanley and Grytviken is given at Appendix II. Full details of the frequencies used for these broadcasts are contained in W.M.O. Publication No. 9, TP.4, Volume D, Region III.

(a) Stanley

Local forecasts for the Falkland Islands and Coastal Waters were broadcast daily from the Meteorological Office R/T transmitter at 1515 and 2130 GMT from 1st January to 30th April, but owing to continuing forecaster shortage, it was again necessary to reduce services at weekends during the winter months, the 1515 GMT transmission being suspended on Sundays from 2nd May to 24th October, and the 2130 issue on Saturdays and Sundays, from 1st May to the end of November. During the period 1st January to 31st March, an additional forecast was broadcast at 0230 GMT daily.

In previous years a special forecast for naval helicopter operations has been broadcast by R/T at 1215 GMT whenever H.M.S. Protector was anchored in Stanley Harbour or operating in Falkland Islands coastal waters. Commencing 23rd November 1965, a forecast was broadcast daily at this time, irrespective of the movements of H.M.S. Protector, thus providing the general public also with preliminary guidance on the day's weather conditions, it being realised for some time past that the routine transmission at 1515 GMT (11.15 a.m. Falklands Time) was too late to be of much use to the public as a whole at this time of year. This additional daily broadcast is at present regarded as experimental, and its continuance depends on user interest, but reports so far received indicate that propagation conditions are generally good, and that the transmission is serving a useful purpose.

From 1st January to 30th April, forecasts for the Falkland Islands were issued daily for broadcast to the general public in the evening programmes of the Falkland Islands Broadcasting System. These forecasts were also suspended on Saturdays and Sundays during the winter months, but the Sunday issue was recommenced on 3rd October, and the full daily service re-instituted on 4th December.

Weather bulletins for the South Atlantic whaling vessels operating during the 1964/5 season were broadcast daily at 1730 and 2130 GMT from 1st January to 3rd April. Up to 31st March an additional bulletin was broadcast at 0200 GMT, and this, as well as all bulletins after 25th March, covered the South Georgia area of responsibility, 50S-65S 10W-40W, as well as the Stanley area 50S-65S 40W-70W. Commencing again on 1st December, bulletins for the Stanley area were broadcast daily at 1730 and 2130 GMT for the 1965/6 whaling season.

Throughout the year, except on Sundays 2nd May-24th October, a surface analysis was prepared for broadcast daily at 1515 GMT. This analysis, for 1200 GMT, covered the area 40S-80S 80W-20W, extended during the whaling seasons to 10W or the Greenwich Meridian according to the availability of information.

Limited surface analyses for 1800 GMT, route-outlooks, and detailed route forecasts were supplied daily to Deception and/or Adelaide Island/Argentine Islands during the periods 1st-4th March and 23rd-28th September, in connection with the movement of B.A.S. aircraft along the West coast of Grahamland.

Throughout their periods of operation south of the River Plate, January-April and November-December, R.R.S. "John Biscoe", R.R.S. "Shackleton", H.M.S. Protector and M/V "Kista Dan" were supplied with 24-hour forecasts daily, based on the 1200 GMT chart, except when in port at Stanley or Grytviken. Forecasts were also supplied on request, to a few commercial vessels passing near to the Falkland Islands.

During the year the Stanley Office dealt with some 2,500 forecasts and enquiries, viz:-

Forecast bulletins for whaling vessels.....	338
Forecasts for individual ships.....	420
Forecasts for general public and ships in local waters.....	1090
Aviation forecasts, briefings and enquiries.....	528
Public enquiries.....	125

(b) Grytviken

The internationally advertised Bulletins for Whaling Vessels in the area 50S-65S 10W-40W, were broadcast daily at 1718 and 2118 GMT from 1st January to 25th March, and from 1st to 31st December. These broadcasts were supplemented daily by transmissions at 2330 GMT of an 1800 GMT surface analysis for the South Atlantic South of 40S and between 80W and the Greenwich Meridian.

During the periods 1st January to 23rd March, and 1st to 31st December, forecasts for an area within a radius of 250 miles of South Georgia were also broadcast daily at 1718 and 2118 GMT. At the commencement of the 1965/6 whaling season these forecasts were also supplied to Leith Harbour Whaling Station on a point-to-point circuit.

The Grytviken Forecast Office also continued to meet the requirements of local personnel needing forecast information, and of individual ships requiring meteorological advice within the South Georgia area of responsibility.

4. Communications

Communication between Stanley Meteorological Headquarters and the British Antarctic Survey Bases was provided by the B.A.S. Radio Station which also provided the main operational link between the meteorological offices at Stanley and Grytviken. Communication with the majority of ships reporting to, or receiving information from Stanley, was also mainly via B.A.S. Radio, though numerous reports were also received through the Falkland Islands Government Radio Station VPC.

W/T contacts with the Antarctic Bases and with Grytviken were very reliable, and reports were rarely received too late for inclusion in the Territorial Broadcasts. Little difficulty was experienced in communicating directly with the various research and supply vessels and with H.M.S. Protector, and although no reception reports were forthcoming, it is assumed that the routine forecast bulletins broadcast by Stanley and Grytviken were satisfactorily received by the South Atlantic whaling ships. Grytviken and the B.A.S. Bases regularly reported good or at least satisfactory reception of the Falklands Territorial Broadcasts which are disseminated via the same transmitters.

1200 G.M.T. synoptic reports from the Falklands outstations at West Point, Weddell Island, Fox Bay and Darwin were normally obtained by direct interception of the point-to-point contacts between these settlements and the Stanley Government R/T Station, but "blind" transmissions from most of these stations were also generally well received, and provided much useful information on Sundays and other occasions when the Stanley R/T centre was closed. R/T contact with the various settlements was usually faultless except during mid-winter when early morning propagation conditions were often poor on the allotted frequency of 4.5 mc/s.

Forecasts for the Falkland Islands and Coastal Waters continued to be disseminated via the Stanley Meteorological Office transmitter as voice broadcasts on a frequency of 3.7 mc/s.

For the reception of South American basic data required for forecasting purposes at Stanley, the W/T Territorial Broadcasts from Santiago and Buenos Aires continued to be extensively used, but some experimental radio-teleprinter receiving equipment was obtained in November, and it is hoped that in due course this may enable the South American sub-Regional Broadcasts to be intercepted in lieu. During the year some use continued to be made of the Chilean CAK transmissions, but the absence of certain essential reports from these broadcasts normally necessitated interception also of the somewhat later transmissions from Santiago CCS. Stanley interceptions of these Chilean broadcasts, and of the corresponding Argentinian LSV W/T transmissions, were generally satisfactory, but on a few occasions it was necessary to resort to the later broadcasts from the South American Regional Centre in Brasil. All W/T interceptions at Stanley were made at the B.A.S. Radio Station, and the data passed to the forecast office by landline facsimile.

At Grytviken, where meteorological W/T interception was mainly in the hands of the meteorological staff, the same broadcasts were used with the addition of a few individual interceptions. At both Grytviken and Stanley, the problem of overlapping of certain essential broadcasts and shortage of W/T operators, was to some extent overcome by tape-recording some of the transmissions.

All transmitting facilities at Grytviken were provided by the South Georgia Government Radio Station ZBH.

All the basic information collected by Stanley from the British Antarctic Bases, South Georgia, the Falkland Islands, and from ships reporting direct to Stanley or via South Georgia, was made available for international use in the Falklands Territorial Broadcasts transmitted by the B.A.S. Radio Station at 0105, 1305, 1515 and 1905 GMT daily. Full details of these broadcasts are given at Appendix II (a), and in W.M.O. Publication No.9 TP.4, Volume C, Pages C-III-i2-8-1/2.

5. Climatological Returns

Stanley, Grytviken, and all British meteorological units in Antarctica, continued to complete climatological returns on the standard proformae in use in the United Kingdom Meteorological Service. The information thus tabulated during 1964 was processed at Stanley during 1965 to produce manuscript copy for the 1964 B.A.M.S. "Annual Meteorological Tables". The original tabulations, or duplicate copies thereof, were then passed to the U.K. Meteorological Office for card-punching and for safe custody in the archives of that authority.

Monthly CLIMAT and CLIMAT TEMP data from all the Survey's main stations were broadcast in accordance with W.M.O. practice on 4th and 5th of each month, and confirmatory copies forwarded to the U.K. Meteorological Office for onward mailing to the U.S. Weather Bureau World Data Centre for international publication.

Falkland Islands Rainfall and Soil-Temperature Tables were brought up to date, and copies distributed to the Falkland Islands Government Agricultural Department and to other interested authorities and individuals.

Monthly weather data for Stanley for the years 1951-1965 were tabulated, and 15-year means derived. Good progress was made on similar tabulations for Grytviken, Signy, Deception and Argentine Islands with a view to eventual publication.

6. Organisation

Apart from the experimental introduction of the additional R/T weather broadcast from Stanley (referred to in Para. 3) the only major changes in organisation during 1965 were that the Director, British Antarctic Survey, took over from the United Kingdom Meteorological Office:-

- (a) the ground-equipment of the Stanley Upper-Air Unit
- (b) the continuing programme of radiation measurements at Stanley (though the U.K. Meteorological Office continues to provide the necessary equipment)
- (c) responsibility for forwarding Falkland Islands rainfall samples for radio-chemical analysis at Copenhagen, Harwell and Vienna.

The Chief Meteorological Officer inspected the Falklands voluntary observing stations at West Point Island, Weddell Island and Fox Bay during January, but a tour of B.A.S. meteorological units at Deception, Argentine Islands and Adelaide Island, arranged for March, had to be cancelled at short notice due to shortage of forecaster staff at the Stanley Headquarters.

7. Staff

All Bases were adequately staffed throughout the year, but serious staff shortages persisted at Stanley. The provision of two new official quarters enabled all authorised forecaster posts to be filled by the end of September, but the shortage of domestic accommodation continued to have an adverse effect on assistant staffing, though the position continues to improve as additional new quarters become available. A particularly serious assistant shortage towards the end of the year was averted by the attachment to Stanley H.Q. of two newly recruited B.A.S. meteorologists not required for immediate duty at Deception. A less serious shortage earlier in the year was alleviated by a tour-expired Bases' assistant volunteering to work some three months in Stanley before returning to the United Kingdom. With the exception of these temporary assistants, all technical staff at the Stanley Office continued to be U.K. Meteorological Office personnel on loan to the Survey.

Details of staff changes at Stanley and Grytviken during 1965 are given at Appendix III.

8. Instruments and Equipment

The "Cintel" radio-sonde equipment at Argentine Islands and Halley Bay continued to give reliable service, as did the Decca wind-finding radar units. At Stanley, the now out-of-date radio-sonde ground equipment of the Upper-Air Unit formerly operated independently by the U.K. Meteorological Office, was handed over to the Survey by that authority, and continued to give good service. The extent of its use, however, was limited by the lack of staff trained in its operation, but a restricted programme of soundings was maintained until the last remaining member of the original Upper-Air Unit's staff was repatriated in September. It is hoped that it will be possible to operate a limited programme of soundings again during 1966.

The G.L.III wind-finding radar operated at Stanley by the U.K. Meteorological Office up to the end of 1962, was purchased by the Survey early in 1965. It remains in good condition, and it is likely that this also can again be brought into use if staff can be provided to maintain and operate it.

A "precision aneroid" electrical barometer was brought into use at Halley Bay in February, and a similar instrument replaced a defective mercurial barometer at Adelaide Island in March. Both instruments have performed very satisfactorily, leading to a decision to extend the use of such equipment to Deception Island in December, and to other Antarctic Bases in due course.

All supplies continued to be handled by the Crown Agents for Overseas Governments and Administrations, with the help and advice of the United Kingdom Meteorological Office, from which some of the equipment was purchased.

9. International Co-operation

Distribution of the B.A.M.S. "Annual Meteorological Tables" for 1961 was completed early in the year, but owing to printing delays it was not possible during 1965 to issue any complete Tables for later years. Selected data from the manuscript copies of the 1963 and 1964 Tables were therefore tabulated, and locally duplicated copies of these tabulations were dispatched, as an interim measure, to all routine recipients of the complete publication.

Copies of the Service's "Daily Weather Report" were mailed to the national meteorological services of Argentina, Australia, Chile, Federal Germany, France, Mozambique, South Africa, the United Kingdom, the U.S.A., U.S.S.R. and Uruguay, and also to the Scott Polar Research Institute (Cambridge), the Antarctic Institute (Buenos Aires), the Soviet Committee on Antarctic Research, and to the libraries of the universities of Chile and Wisconsin.

105 copies of the "Annual Report" for 1964 were supplied to state meteorological services, scientific institutions, and interested individuals throughout the world.

In return for B.A.M.S. publications, the Survey acknowledges with thanks the receipt of exchange publications from the national meteorological services of numerous countries including Australia, Chile, Denmark, Ecuador, France, Germany, Madagascar, Malawi, Poland, South Africa, the U.S.A., U.S.S.R., and Zambia.

The arrangement was continued whereby, at the request of the S.C.A.R. in 1964, synoptic reports from the Chilean Bases in North Grahamland were collected by Stanley and re-broadcast in the Falklands Territorial Collectives.

Samples of Falkland Islands rainfall continued to be dispatched at intervals throughout the year for radio-chemical analysis at Copenhagen, Harwell and Vienna.

Batches of synoptic data were forwarded to the U.S.S.R. Antarctic Station at Mirny as frequently as mailing facilities permitted.

To ensure the maximum possible availability of current British Antarctic meteorological data at the I.A.A.C. Melbourne, the arrangement was continued whereby the forwarding centre at McMurdo was asked to acknowledge satisfactory reception of each Falklands Territorial Broadcast, repeat transmissions on a point-to-point basis being arranged as required.

At the request of the United Kingdom Meteorological Office, a systematic noctilucent-cloud watch was instituted at Stanley from 1st May, and copies of the daily log were mailed to the Geophysical Institute of the University of Alaska, and to the U.K. Meteorological Office for onward transmission to Edinburgh University. At the request of the latter, R.R.S. "Shackleton" and "John Biscoe" were also asked to participate in the scheme towards the end of the year.

APPENDIX I

(a) Provision in the British Antarctic Survey Estimates for Meteorological Services, July 1965 - June 1966

HEADQUARTERS

	£
Head 4.A. Personal Emoluments.....	22,490
4.B. Other Charges (Stores, Equipment, etc.).....	5,606
4.C. Special Expenditure.....	850
Total.....	28,946

ANTARCTIC REPORTING STATIONS

Head 5.A. Personal Emoluments.....	22,000
5.B. Meteorological Equipment.....	22,000
Total.....	44,000

(b) Provision in the Falkland Islands & Dependencies Estimates for Meteorological Services, July 1965 - June 1966

FALKLAND ISLANDS

	£
Head VIII.1. Payment to voluntary observers.....	65
2. Contribution towards cost of Stanley H.Q. Meteorological Office.....	500
3. Maintenance of voluntary observing stations.....	130
4. Local transport and travelling.....	20
5. Incidental expenses.....	5
Total.....	720

SOUTH GEORGIA

	£
Head A.12-13 Personal Emoluments.....	2,600
B.18 Meteorological Equipment.....	200
Total.....	2,800

TOTAL EXPENDITURE, British Antarctic Survey..... £72,946

TOTAL EXPENDITURE, Colony and Dependencies..... £ 3,520

TOTAL EXPENDITURE, B.A.S., Colony and Dependencies..... £76,466

APPENDIX II

(a) Falklands Territorial Broadcasts (Stanley FICOLS) - W/T

<u>Transmission Time</u> (G.M.T.)	<u>Contents</u>
0105	2300 and 0000 GMT surface reports (List A). Ship and pilot-balloon reports as available.
1305	0600 GMT surface reports (List A). 1200 GMT surface reports (Lists A and B). Ship and pilot-balloon reports as available.
1515	1200 GMT upper-air reports (List C). 1200 GMT surface analysis.
1905	1800 GMT surface reports (List A). 1200 GMT upper-air reports (List C). Ship and pilot-balloon reports as available.

List A: Stanley, Grytviken, Leith Harbour, Deception, Signy,
Argentine Islands, Adelaide Island, Halley Bay.

List B: West Point, Weddell, Fox Bay, Darwin.

List C: Stanley, Argentine Islands, Halley Bay.

(b) Local Area Forecasts Broadcast from Stanley - Voice transmissions.

(i) Stanley Meteorological Office Transmitter (3,700 kc/s)

<u>Transmission Time</u> (G.M.T.)	<u>Contents</u>
0230*	} Gale warnings and 24-hour ^b forecasts for Falkland Islands and Coastal Waters.
1215 ⁼	
1515 ^s	
2130 ^{ss}	

* 1st January to 31st March only.

= 23rd November to 31st December.

^s Not on Sundays, May to October.

^{ss} Not on Saturdays, May to November, nor on Sundays,
May to September.

^b Forecasts for 12 hours at 1215 G.M.T.

(ii) Falkland Islands Broadcasting Service Transmitters (536 & 3,958 kc/s)

<u>Transmission Time</u> (G.M.T.)	<u>Contents</u>
2315 ^{ss}	24-hour forecast for Falkland Islands.

^{ss} Not on Saturdays, May to November,
nor on Sundays, May to September.

APPENDIX II (Continued)

(c) Whaling Vessels Forecasts Broadcast from Stanley - W/T

(1st January to 31st March, and 1st to 31st December only)

<u>Transmission Time</u> (G.M.T.)	<u>Contents</u>
0200*	Gale Warnings, general weather situation, and 18-hour forecasts for sea-areas 50S-65S, 10W-70W.
1730	Gale Warnings, general weather situation, and 12-hour forecasts for sea-areas 50S-65S, 40W-70W. 1200 GMT surface analysis.
2130	Gale Warnings, general weather situation, and 12/24 hour forecasts for sea-areas 50S-65S, 40W-70W.

* 1st January to 31st March only.

(d) Whaling Vessels Forecasts Broadcast from Grytviken - W/T

(1st January to 3rd April^b, and 1st to 31st December only)

<u>Transmission Time</u> (G.M.T.)	<u>Contents</u>
1718	Gale warnings, general weather situation, and 12-hour forecasts for sea-areas 50S-65S, 10W-40W.
2118	As 1718 (plus outlook for further 12 hours during December).
2330	1800 GMT surface analysis.

^b Forecasts broadcast from Stanley 26th March - 3rd April.

(e) 250-miles radius Area Forecasts Broadcast from Grytviken - W/T

(1st January to 23rd March, and 1st to 31st December only)

<u>Transmission Time</u> (G.M.T.)	<u>Contents</u>
1718	12-hour forecast for area within 250 miles radius of Grytviken.
2118	12-hour forecast for area within 250 miles radius of Grytviken, plus outlook for further 12 hours.

APPENDIX III

STAFF

STANLEY

Chief Meteorological Officer: W.S.S. Stubbley

Forecasters: J. Burns (until 19 Apr)
T.D.D. Jennings (from 18 Sep)
R.F. Johnson (from 21 May)
J. Kowalski (until 23 Apr)

Senior Assistants: J.A. Elliott (from 10 May)
H.W. Jones (until 10 May)
R.A. Smith (until 31 May)

Assistants: D. Davidson (until 6 Sep)
J.A. Elliott (until 9 May)
B.S. Fullagar (until 15 Nov)
J.M. Humphreys (until 19 Apr)
G.W. Pugh (from 23 Dec)
P.A. Richards (from 30 Apr)
D.M. Selway (from 30 Apr)
J. Stephenson
*D.S. Evans (26 Apr-16 Aug)
*J. Barlow (from 4 Nov)
*P.G.H. Myers (from 4 Nov)
*M. Palmer (from 4 Nov)

Clerk/Typists: *A. White (Miss) (until 15 Nov)
*M. Booth (Miss)

GRYTVIKEN

Forecaster-in-Charge: **D. Borland

Assistants: **F.W.C. Johnson
**M. O'Farrell (from 10 Nov)
**D. Wheeler (until 28 Sep)

(Note: U.K. Meteorological Office staff on loan, except:

- * British Antarctic Survey staff
- ** Falkland Islands Government staff.)

ANTARCTIC BASES - "PERMANENT" (WINTER) STAFF ONLY

ADELAIDE ISLAND

Senior Assistant: E.K.P. Back

Assistants: L.U. Mole
R.E. Owen
M.E. Warr

ARGENTINE ISLANDS

Senior Assistant: R.J. Tidey

Assistants: A.N. Bushell
P.J. Hope
D.L. Hughes
J.A. Thoday

Radar Mechanic: R.I.H. Macnee

APPENDIX III (Continued)

DECEPTION ISLAND

Senior Assistant: C.D. Walter
Assistants: P.G. Bird
B.M. Chappel

HALLEY BAY

Senior Assistant: P.C. Goodwin
Assistants: B.J.G. Barnes
J.L. Duff
C.J.R. Miller
J.R. Stokes
Radar Mechanic: R.A. Fewster

SIGNY ISLAND

Senior Assistant: B.J.A. Goodman
Assistants: R.W. Burton
C.A. Howie
M.J. Northover

FALKLAND ISLANDS VOLUNTARY OBSERVING STATIONS

DARWIN

J.M. Poltock
M.T. Musson (until Aug)
P.G. Westley

FOX BAY

C. Maddocks

WEST POINT

R. Napier

WEDDELL

L. McGill

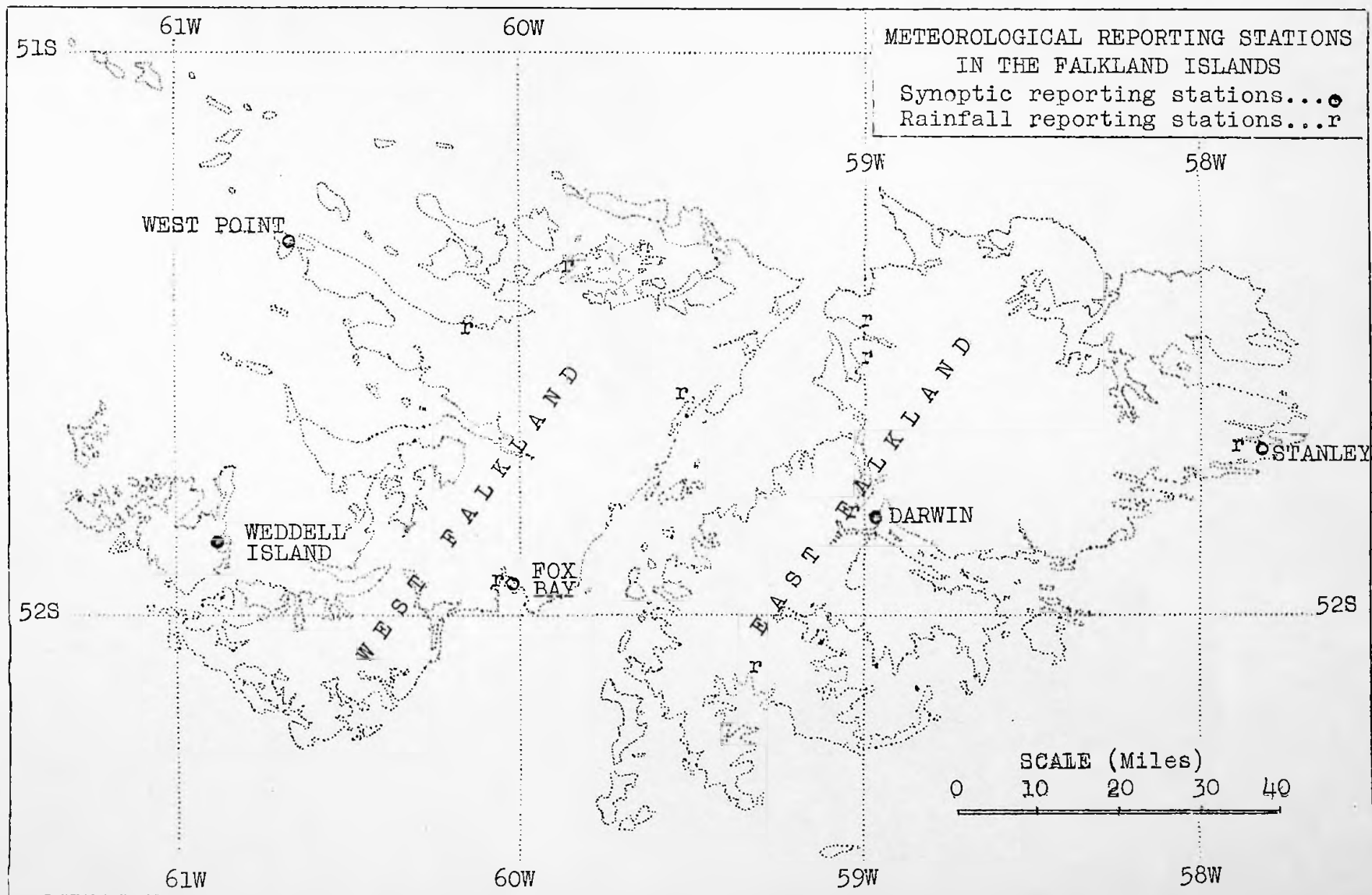
APPENDIX IV

PUBLICATIONS

1. "Annual Report" of the British Antarctic Meteorological Service for 1964.
2. "Daily Weather Report of the British Antarctic Meteorological Service":-
3-hourly synoptic reports for Stanley, Grytviken, Signy Island, Deception Island, Argentine Islands, Adelaide Island and Halley Bay, throughout the year, and for Leith Harbour as available. 1200 GMT synoptic reports for West Point Island, Weddell Island, Fox Bay and Darwin. Ships reports as available. 1200 GMT upper air reports for Argentine Islands and Halley Bay, and for Stanley as available. Pilot balloon reports for Stanley, Grytviken, and all British Antarctic meteorological stations.
3. Selected "Annual Meteorological Tables" for 1963 and 1964. (Para. 9 refers)
4. "Falkland Islands Rainfall Tables 1944-1964" (Revised)
5. "Falkland Islands Soil Temperature Tables" (Supplement No. 4)

APPENDIX V





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S O I L T E M P E R A T U R E S

FALKLAND ISLANDS

Supplement No.5 to Tables issued 1st May, 1960

Figures for 1965 are included for Stanley, and the monthly means incorporate the new data.

No data were available from Darwin in January and February 1965, but the monthly means for other months include the new data, though the new means for December are based on the daily readings for 1st to 24th only.

21st January, 1966

S T A N L E Y

<u>Month</u>	<u>Four Inches</u>				<u>Eight Inches</u>				<u>One Foot</u>				<u>Four Feet</u>			
	<u>Year</u>		<u>Mean</u>		<u>Year</u>		<u>Mean</u>		<u>Year</u>		<u>Mean</u>		<u>Year</u>		<u>Mean</u>	
	1965		1948 - 1965		1965		1948 - 1965		1965		1949 - 1965		1965		1948 - 1965	
	<u>°F</u>	<u>°C</u>	<u>°F</u>	<u>°C</u>	<u>°F</u>	<u>°C</u>	<u>°F</u>	<u>°C</u>	<u>°F</u>	<u>°C</u>	<u>°F</u>	<u>°C</u>	<u>°F</u>	<u>°C</u>	<u>°F</u>	<u>°C</u>
January	49.5	9.7	49.8	9.9	49.5	9.7	49.8	9.9	48.7	9.3	48.8	9.3	44.8	7.1	45.1	7.3
February	50.0	10.0	49.4	9.7	50.2	10.1	49.6	9.8	49.6	9.8	49.0	9.4	46.0	7.8	46.0	7.8
March	48.0	8.9	46.7	8.2	48.5	9.2	47.4	8.6	48.2	9.0	47.2	8.4	46.2	7.9	46.1	7.8
April	43.3	6.3	42.8	6.0	44.8	7.1	44.0	6.7	44.8	7.1	43.9	6.6	45.5	7.5	45.2	7.3
May	39.1	3.9	39.1	3.9	40.8	4.9	40.4	4.7	41.2	5.1	40.7	4.8	43.9	6.6	43.7	6.5
June	37.1	2.8	36.5	2.5	38.4	3.6	37.9	3.3	39.2	4.0	38.4	3.6	42.3	5.7	42.0	5.6
July	35.1	1.7	35.5	1.9	36.7	2.6	36.7	2.6	37.6	3.1	37.3	2.9	40.8	4.9	40.7	4.8
August	37.5	3.1	35.8	2.1	38.5	3.6	36.8	2.7	38.8	3.8	37.3	2.9	40.3	4.6	39.8	4.3
September	38.8	3.8	38.2	3.4	39.8	4.3	38.9	3.8	39.9	4.4	38.9	3.8	40.5	4.7	39.8	4.3
October	40.8	4.9	41.9	5.5	41.6	5.3	42.3	5.7	41.4	5.2	41.9	5.5	40.8	4.9	40.6	4.8
November	45.9	7.7	45.8	7.7	46.9	8.3	45.8	7.7	45.9	7.7	45.2	7.3	42.4	5.8	42.2	5.7
December	47.1	8.4	48.6	9.2	47.1	8.4	48.4	9.1	46.2	7.9	47.6	8.7	44.1	6.7	43.8	6.6

Note: The 1948-1965 means do not include those for January, February, March, April 1950, nor November and December 1949, no data being available for those months.

Note: Only September to December figures were available during that year, and the 1949-1965 means do not include data for the other months of 1949.

D A R W I N

<u>Month</u>	<u>Four Inches</u>					<u>Eight Inches</u>					<u>One Foot</u>				
	<u>Year</u>		<u>Mean</u>			<u>Year</u>		<u>Mean</u>			<u>Year</u>		<u>Mean</u>		
	<u>1965</u>		<u>1953 - 1965</u>			<u>1965</u>		<u>1953 - 1965</u>			<u>1965</u>		<u>1953 - 1965</u>		
	^o F	^o C	^o F	^o C	()	^o F	^o C	^o F	^o C	()	^o F	^o C	^o F	^o C	()
January	-	-	50.1	10.1	(6)	-	-	50.4	10.2	(6)	-	-	50.0	10.0	(7)
February	-	-	49.1	9.5	(6)	-	-	49.9	9.9	(6)	-	-	49.8	9.9	(8)
March	48.7	9.3	47.3	8.5	(8)	48.4	9.1	47.9	8.8	(10)	48.7	9.3	48.0	8.9	(11)
April	45.8	7.7	43.6	6.4	(10)	45.4	7.4	44.7	7.1	(10)	45.8	7.7	45.0	7.2	(11)
May	41.2	5.1	40.1	4.5	(11)	42.0	5.6	41.2	5.1	(11)	41.8	5.4	41.6	5.3	(11)
June	39.4	4.1	37.4	3.0	(11)	39.6	4.2	38.7	3.7	(10)	39.9	4.4	38.8	3.8	(11)
July	37.4	3.0	36.4	2.4	(11)	36.9	2.7	37.0	2.8	(10)	37.6	3.1	37.2	2.9	(11)
August	38.4	3.6	36.1	2.3	(11)	38.5	3.6	36.8	2.7	(10)	38.6	3.7	37.0	2.8	(11)
September	39.1	3.9	37.9	3.3	(10)	39.2	4.0	38.5	3.6	(9)	39.3	4.1	38.4	3.6	(10)
October	41.1	5.1	41.0	5.0	(11)	40.9	4.9	41.5	5.3	(10)	41.0	5.0	41.3	5.2	(11)
November	45.6	7.6	45.3	7.4	(11)	45.5	7.5	45.4	7.4	(10)	45.8	7.7	45.4	7.4	(11)
December	45.7	7.6	47.9	8.8	(8)	46.1	7.8	47.8	8.8	(8)	46.1	7.8	47.8	8.8	(9)

NOTE: The figures in brackets after each mean value indicate the number of years upon which the mean is based.

RAINFALL TABLES

FALKLAND ISLANDS

Supplement No. 4 to Tables issued 15th September, 1959.

1st MAY, 1963

Figures for 1962 are given. The monthly means incorporate the new data.
Details of Driest and Wettest months and years are included for RECORD purposes.

S T A N L E Y

B O R T S A N C A R B O N

<u>Month</u>	<u>Monthly Total 1952</u>	<u>Monthly Mean 1944-1962</u>	<u>Driest Wettest Years</u>	<u>Monthly Total 1962</u>	<u>Monthly Mean 1957-1962</u>	<u>Driest Wettest Years</u>
January	65.1	70.3	1949 -- 41.3 1948 -- 99.7	73.6 R	60.4	1960 -- 50.2 1962 -- 73.6
February	69.9	58.6	1957 -- 16.4 1948 -- 90.7	95.4	72.9	1951 -- 20.7 1958 -- 95.4
March	49.7	49.3	1957 -- 17.6 1949 -- 86.2	67.3	45.8	1958 -- 6.5 1961 -- 70.6
April	46.7	48.3	1954 -- 20.5 1950 -- 71.4	49.3	60.8	1960 -- 43.5 1961 -- 67.3
May	33.5	55.6	1946 -- 13.7 1954 -- 119.0	61.7	60.8	1959 -- 30.0 1961 -- 73.2
June	41.7	50.6	1956 -- 23.8 1951 -- 82.4	55.6	55.8	1958 -- 47.9 1961 -- 72.5
July	22.4	44.4	1949 -- 20.8 1958 -- 124.5	23.7	54.9	1959 -- 45.4 1958 -- 96.1
August	41.1	45.4	1958 -- 16.6 1953 -- 79.1	57.0	55.7	1958 -- 38.5 1961 -- 71.3
September	19.4	38.8	1960 -- 15.9 1953 -- 88.1	27.4	30.0	1960 -- 8.7 1961 -- 45.3
October	27.6	33.6	1949 -- 9.2 1951 -- 53.1	20.5	33.4	1961 -- 23.1 1960 -- 53.0
November	29.5	40.6	1957 -- 22.5 1948 -- 82.9	35.4	45.3	1961 -- 29.6 1957 -- 62.7
December	87.1	76.3	1958 -- 47.3 1957 -- 141.3	96.0	72.7	1961 -- 37.2 1957 -- 103.4
Annual TOTAL	538.7	611.8	Driest Year 1960 -- 492.5 Wettest Year 1950 -- 720.4	662.9	64.8.5	Driest Year 1961 -- 552.5 Wettest Year 1958 -- 713.4

R = RECORD

* From September 1957

BLUFF COVEFITZROY

<u>Month</u>	<u>Monthly Total</u> <u>1962</u>	<u>Monthly Mean</u> <u>1960* - 1962</u>	<u>Driest</u> <u>Wettest</u> <u>Years</u>	<u>Monthly Total</u> <u>1962</u>	<u>Monthly Mean</u> <u>1948 - 1962</u>	<u>Driest</u> <u>Wettest</u> <u>Years</u>
January	72.7 R	81.6	1962 - 72.7 1961 - 90.5	56	43.0	1949 - 16.0 1955 - 73.7
February	83.4 R	52.1	1961 - 20.8 1962 - 83.4	102	42.4	1960 - 0.0 1958 - 105.2
March	78.5 R	70.3	1961 - 62.1 1962 - 78.5	75	42.9	1959 - 1.3 1949 - 97.3
April	39.7 R	81.9	1962 - 39.7 1961 - 124.2	32	48.1	1948 - 14.2 1958 - 99.2
May	43.3 R	57.3	1962 - 43.3 1961 - 71.3	25	34.7	1948 - 9.4 1958 - 119.5
June	58.1 R	76.0	1962 - 58.1 1961 - 94.0	44	40.8	1948 - 11.2 1958 - 74.4
July	21.0 R	35.5	1962 - 21.0 1961 - 50.0	30	32.9	1950 - 10.4 1958 - 76.5
August	69.4	63.8	1960 - 50.3 1961 - 71.6	34	36.2	1961 - 15.2 1954 - 73.7
September	31.4	42.4	1960 - 25.5 1961 - 69.4	39	30.5	1959 - 3.4 1955 - 73.7
October	25.5 R	38.3	1962 - 25.5 1960 - 53.1	57	33.4	1949 - 0.9 1954 - 68.6
November	35.7	33.7	1961 - 23.2 1960 - 42.1	52	34.8	1959 - 8.9 1954, 1958 - 53.4
December	84.3 R	66.3	1962 - 84.3 1961 - 52.9	95 R	55.0	1959 - 30.7 1962 - 95.0
Annual TOTAL	643.0	699.2	Driest Year 1962 - 643.0 Wettest Year 1961 - 766.4	642	480.7	Driest Year 1949 - 346.5 Wettest Year 1958 - 771.7

*From August 1960

R = RECORD

SAN CARLOSDARWIN

<u>Month</u>	<u>Monthly</u>	<u>Monthly</u>	<u>Driest</u>	<u>Wettest</u>	<u>Monthly</u>	<u>Monthly</u>	<u>Driest</u>	<u>Wettest</u>
	<u>Total</u>	<u>Mean</u>	<u>Years</u>			<u>Total</u>	<u>Mean</u>	<u>Years</u>
	<u>1952</u>	<u>1952-1962</u>			<u>1962</u>	<u>1948-1962</u>		
January	67.6	55.1	1961 - 34.0	1954 - 90.8	45	47.2	1948 - 15.5	1955 - 79.1
February	78.9	50.0	1957 - 19.7	1958 - 123.2	58	43.4	1961 - 7.6	1958 - 75.9
March	54.8	40.1	1957 - 15.3	1955 - 65.1	48	41.6	1958 - 9.0	1949 - 86.1
April	44.9	41.3	1957 - 19.2	1961 - 66.7	29	41.3	1948 - 20.6	1961 - 80.0
May	39.0	51.0	1959 - 26.7	1954 - 85.4	44	47.3	1952 - 22.9	1956 - 102.6
June	46.0	48.2	1956 - 30.2	1961 - 78.5	41	40.1	1956 - 18.6	1950 - 77.5
July	29.4	47.9	1953 - 16.4	1958 - 103.1	39	37.4	1952 - 19.3	1953 - 62.0
August	28.1	43.9	1958 - 21.7	1953 - 84.8	33	34.8	1956 - 15.4	1953 - 66.7
September	25.7	34.4	1960 - 16.3	1961 - 73.8	28	29.0	1957 - 16.1	1950 - 56.6
October	17.5	21.5	1955 - 9.4	1957 - 36.9	20	27.6	1949 - 9.9	1950 - 72.9
November	33.6	36.5	1956 - 20.5	1958 - 58.1	35	34.0	1961 - 1.8	1950 - 66.0
December	46.7	52.1	1953 - 15.2	1954 - 110.0	67	49.3	1956 - 30.2	1957 - 73.9
Annual TOTAL	512.2	522.0	Driest Year 1959 - 428.2	Wettest Year 1954 - 603.9	487	473.0	Driest Year 1948 - 382.2	Wettest Year 1950 - 702.5

* From July 1952 Less November 1960

N O R T H A R M

P O R T H O W A R D

<u>Month</u>	<u>Monthly Total</u> 1962	<u>Monthly Mean</u> 1948 - 1962	<u>Driest</u> <u>Wettest</u> <u>Years</u>	<u>Monthly Total</u> 1962	<u>Monthly Mean</u> 1948-1962	<u>Driest</u> <u>Wettest</u> <u>Years</u>
January	26	41.9	1961 - 18.0 1950 - 81.0	49.4	64.9	1961 - 32.0 1950 - 98.7
February	54	39.4	1957-1961 - 16.3 1958 - 88.1	66.4	55.1	1957 - 10.5 1951 - 89.4
March	27	31.7	1960 - 9.7 1952 - 63.5	60.9	48.1	1958 - 6.8 1961 - 85.7
April	36	38.5	1957 - 17.8 1959 - 87.1	33.9	50.5	1951 - 12.7 1961 - 90.4
May	35	36.9	1953 - 24.9 1958 - 50.0	62.0	66.2	1959 - 32.7 1954 - 155.6
June	44	33.0	1954 - 19.8 1961 - 50.3	66.7	52.9	1952 - 24.4 1961 - 94.1
July	17 R	30.8	1962 - 17.0 1949 - 61.2	26.7 R	65.4	1962 - 26.7 1958 - 223.4
August	27	29.1	1954 - 15.5 1953 - 42.7	53.9	49.6	1956 - 27.2 1953 - 80.9
September	19	28.9	1960 - 10.2 1950 - 62.5	19.5 R	41.1	1962 - 19.5 1950 - 91.5
October	15	24.9	1949 - 11.2 1957 - 43.7	14.9	32.2	1954 - 7.8 1957 - 66.3
November	32	23.7	1961 - 11.7 1950 - 53.9	35.0	54.1	1952 - 25.8 1954 - 119.8
December	44	41.1	1961 - 15.5 1950 - 61.7	85.2 R	59.9	1951 - 28.6 1962 - 85.2
Annual TOTAL	376	399.9	Driest Year 1960 - 273.0 Wettest Year 1950 - 567.9	574.5	639.7	Driest Year 1960 - 558.3 Wettest Year 1958 - 785.8

* From September 1949

R = RECORD

FOX DAY

HILL COVE

Month	<u>Monthly</u> <u>Total</u> <u>1962</u>	<u>Monthly</u> <u>Mean</u> <u>1949* - 1962</u>	<u>Driest</u> <u>Wettest</u> <u>Years</u>	<u>Monthly</u> <u>Total</u> <u>1962</u>	<u>Monthly</u> <u>Mean</u> <u>1951 - 1962..</u>	<u>Driest</u> <u>Wettest</u> <u>Years</u>
	January	37.9	48.1	1961 - 24.5 1950 - 72.0	59	47.1	1958 - 29.5 1957 - 85.6
February	57.3	41.8	1957 - 8.9 1958 - 76.9	64	55.4	1957 - 7.9 1958 - 111.8
March	31.1	29.0	E 1958 - 5.0 1959 - 15.7 1961 - 68.6	54	34.7	1958 - 1.5 1961 - 75.2
April	44.0	37.3	1951 - 6.9 1952 - 62.8	55	52.2	1960 - 17.2 1959 - 74.4
May	36.6	40.6	1959 - 17.7 1954 - 74.4	53	61.8	1959 - 38.1 1957 - 78.7
June	31.2	32.0	1954 - 14.1 1961 - 62.1	55	54.3	1956 - 28.2 1961 - 97.5
July	35.7	30.2	1955 - 16.3 1958 - 66.8	21 R	52.7	1962 - 21 1958 - 103.6
August	21.4	23.4	1951 - 6.2 1960 - 43.3	26 R	38.3	1962 - 26 1960 - 61.7
September	14.2	21.7	1960 - 0.0 1950 - 55.4	31	37.4	1960 - 18.8 1956 - 59.7
October	11.5	20.7	1954 - 3.9 1958 - 33.5	14 R	29.0	1962 - 14 1960 - 43.7
November	33.5	28.8	1959 - 15.1 1958 - 51.0	26 R	49.8	1962 - 26 1957 - 79.8
December	45.1	39.3	1956 - 14.5 1950 - 75.7	65	52.3	1959 - 25.1 1958 - 74.4
Annual TOTAL	399.5	392.9	Driest Year E. 1956 - 324.9 or 1955 - 326.2 Wettest Year 1950 - 525.9	523	569.0	Driest Year 1959 - 467.7 Wettest Year 1958 - 642.3

* October and December 1949, and excepting February 1956, April 1957, July 1957, and March 1958.

R = RECORD

E = ESTIMATED. March 1958 was a dry month in many areas with less than 10 mm. being recorded. In the estimated driest year 1956, 45mm. were estimated for February.

SOIL TEMPERATURES

FALKLAND ISLANDS

Supplement No. 3 to Tables issued 1st May, 1960.

1st MAY, 1963

Figures for 1962 are only available for Stanley, and
the monthly means incorporate the new data.

STANLEY

<u>Month</u>	<u>Four Inches</u>				<u>Eight Inches</u>				<u>One Foot</u>				<u>Four Feet</u>			
	<u>Year</u>		<u>Mean</u>		<u>Year</u>		<u>Mean</u>		<u>Year</u>		<u>Mean</u>		<u>Year</u>		<u>Mean</u>	
	<u>1962</u>		<u>1948 - 1962</u>		<u>1962</u>		<u>1948 - 1962</u>		<u>1962</u>		<u>1949 - 1962</u>		<u>1962</u>		<u>1948 - 1962</u>	
	<u>C</u>	<u>F</u>	<u>C</u>	<u>F</u>	<u>C</u>	<u>F</u>	<u>C</u>	<u>F</u>	<u>C</u>	<u>F</u>	<u>C</u>	<u>F</u>	<u>C</u>	<u>F</u>	<u>C</u>	<u>F</u>
January	9.4	48.9	9.9	49.8	9.5	49.1	9.9	49.8	8.8	47.8	9.3	48.8	7.1	44.8	7.3	45.1
February	8.9	48.0	9.6	49.3	9.3	48.7	9.7	49.5	8.9	48.0	9.4	48.9	7.7	45.9	7.8	46.0
March	8.1	46.6	8.2	46.8	8.7	47.7	8.6	47.4	8.3	46.9	8.4	47.2	7.7	45.9	7.8	46.1
April	6.5	43.7	6.1	42.9	7.2	45.0	6.7	44.0	7.1	44.8	6.6	43.9	7.3	45.1	7.3	45.2
May	4.3	39.7	3.9	39.1	5.3	41.5	4.7	40.4	5.4	41.7	4.8	40.6	6.7	44.1	6.5	43.7
June	3.0	37.4	2.5	36.5	3.8	38.8	3.3	37.9	4.1	39.4	3.6	38.4	5.8	42.4	5.5	41.9
July	2.4	36.3	1.9	35.4	3.2	37.8	2.6	36.7	3.5	38.3	2.8	37.1	5.1	41.1	4.8	40.7
August	2.4	36.3	2.1	35.7	3.3	37.9	2.6	36.7	3.4	38.1	2.9	37.3	4.7	40.5	4.3	39.7
September	4.1	39.4	3.4	38.2	4.5	40.1	3.8	38.9	4.4	39.9	3.8	38.9	4.6	40.3	4.3	39.8
October	6.5	43.7	5.6	42.0	6.7	44.1	5.7	42.3	6.2	43.2	5.5	41.9	5.3	41.5	4.8	40.6
November	7.6	45.7	7.7	45.8	7.9	46.2	7.7	45.8	7.4	45.3	7.4	45.3	6.2	43.2	5.7	42.3
December	9.2	48.6	9.2	48.6	9.3	48.7	9.2	48.5	8.7	47.7	8.7	47.6	6.8	45.2	6.6	43.8

N.B. - The 1948-1962 Means do not include those for January February March April of 1950 or November December of 1949, as they are not available.

N.B. - Only September to December of 1949 are included in the 1949-1962 Means.

RAINFALL TABLES
FALKLAND ISLANDS

(Summary of information available to 31/12/58).

Meteorological Office, Falkland Islands.

15th September 1959

INTRODUCTION

For some years past, the Meteorological Office at Stanley has been receiving rainfall returns from various Camp Stations. Owing to pressure of other work these returns have been somewhat neglected, but it has now been decided that the figures merit publication and these tables are the result.

Some of the tables are, of necessity, rather sparse, but if this project meets with the approval and support of sufficient Camp managers, it is proposed to print the tables annually. If this is done, the figures will gradually acquire more significance as the information available increases in volume.

For farmers wishing to join in the scheme the requirements are simple, viz: a rain gauge and measuring glass. Advice on the type of gauge and choice of suitable siting can be obtained from this office. The work involved is very slight (see Notes overleaf).

Suggestions for improvements and alterations to the tables will be welcomed, and will receive careful consideration, but it must be emphasised that the aim is to keep them as simple and non-technical as possible.

NOTES

1. Units. The commonly accepted rainfall unit for non-tropical areas is the millimetre and this is the unit used in these tables. When rainfall figures are received in inches these are converted, for the sake of uniformity, by using the formula:-
$$1 \text{ inch} = 25.4 \text{ millimetres}$$
2. Reading. It is suggested that participants in the scheme read the rainfall about once a week. In periods of very heavy rain, however, extra readings may be necessary to avoid the danger of lost information due to overflow. It is requested that the final monthly reading be made at 0800 hours on the 1st. The Total rainfall figure for the previous month should then be sent to Stanley Meteorological Office.

STANLEY

<u>Month/ Year</u>	<u>1944</u>	<u>1945</u>	<u>1946</u>	<u>1947</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>Mean</u>
January	75.2	53.6	50.0	75.5	99.7	41.3	68.4	83.7	46.9	65.9	90.0	81.2	92.4	83.7	57.0	71.0
February	56.1	70.1	54.6	66.7	98.7	58.7	71.3	65.3	96.3	46.6	45.2	27.1	59.5	16.4	96.9	62.0
March	31.7	73.9	36.8	60.5	42.9	86.2	60.2	43.0	63.0	46.7	32.1	62.4	52.1	17.6	20.1	48.6
April	35.1	88.4	29.0	35.1	41.9	40.1	71.4	32.8	67.3	51.3	20.5	53.5	44.6	38.8	61.2	47.4
May	58.2	64.5	13.7	87.0	67.7	30.3	58.6	53.7	29.2	70.3	119.0	44.3	57.0	63.3	59.1	58.4
June	71.6	95.1	27.7	36.2	24.2	76.8	51.6	82.4	24.9	34.1	39.9	70.9	23.8	45.0	43.2	49.8
July	55.6	50.8	55.6	28.8	24.3	20.8	46.0	32.3	42.1	24.8	40.0	30.7	75.1	66.5	124.5	47.9
August	57.2	70.0	59.7	21.2	23.6	42.7	54.3	43.1	31.5	79.1	46.1	34.1	34.4	50.1	16.6	44.2
September	29.5	79.0	48.0	17.4	53.2	30.1	48.0	43.1	30.4	88.1	35.1	24.2	51.2	19.6	21.3	41.2
October	60.2	23.1	27.2	25.2	49.7	9.2	49.5	53.1	23.3	47.7	43.4	9.5	22.3	30.1	35.2	33.9
November	30.2	22.4	49.3	33.2	82.9	28.4	54.9	76.0	36.5	38.6	56.3	38.7	25.6	22.5	55.5	43.4
December	118.6	89.9	55.6	71.3	78.3	79.5	86.2	78.1	52.8	57.9	75.6	108.8	39.0	141.3	47.3	75.3
TOTAL:	679.2	780.8	507.2	558.1	687.1	544.1	720.4	686.6	544.2	651.1	643.2	585.4	577.0	594.9	637.9	623.1

DARWINPORT SAN CARLOS

<u>Month</u> <u>/Year</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>Mean</u>	<u>Month</u> <u>/Year</u>	<u>1957</u>	<u>1958</u>
January					38.4	59.0	79.1		60.2	58.5	59.0	January		69.3
February					41.4	49.4	50.1		11.1	75.9	43.6	February		151.4
March					33.1	35.2		49.5	40.1	9.0	33.4	March		6.5
April					32.9	21.2		48.6	27.7	29.5	32.0	April		57.0
May	29.9				46.0	77.6		102.6	49.9	52.3	59.7	May		58.5
June	40.2				37.0	43.9		18.6	32.7	32.3	34.1	June		47.9
July	24.5				50.6	26.7		41.8	51.9	62.0	42.9	July		96.1
August	28.1				66.7	41.3		15.4	36.0	24.5	35.3	August		38.9
September	24.6				30.6	30.9		30.8	16.1	18.8	25.3	September	37.9	30.9
October					32.3	21.4		16.6	48.9	28.5	29.5	October	50.2	29.3
November					31.1	45.6		21.9	41.1	54.8	38.9	November	62.7	58.5
December					54.8	55.5			73.9	42.1	56.6	December	103.4	69.2
TOTAL:					494.9	507.7			489.6	488.2	490.3	TOTAL		713.4

PORT HOWARD

<u>Month</u> <u>Year</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>Mean</u>
January		98.7	88.2	43.3	58.5	75.0	69.9	82.3	83.9	54.4	72.7
February		32.3	89.4	74.1	48.2	74.0	46.4	58.4	10.5	86.3	57.7
March		37.0	39.4	69.1	60.2	55.4	73.9	29.8	21.4	6.8	43.7
April		83.6	12.7	67.9	44.3	32.2	67.4	47.5	27.4	51.6	48.3
May		64.4	79.4	37.7	67.6	156.6	32.3	63.8	70.0	68.5	71.1
June		49.9	77.3	24.4	47.0	42.4	59.1	26.8	43.4	38.7	45.4
July		57.3	57.7	51.2	31.7	53.5	34.4	79.7	75.8		55.2
August		49.4	35.5	29.8	80.9	64.4	24.8	27.2	50.9		45.4
September	39.7	91.5	51.0	32.8	75.6	41.3	28.6	39.8	31.0		47.9
October	15.8	35.5	47.8	43.6	43.3	7.8	9.8	24.4	66.3	34.1	32.8
November	26.3	54.6	87.3	25.8	32.3	119.8	58.2	51.0	77.8	54.1	58.7
December	59.6	75.8	28.6	63.3	74.2	54.5	58.8	44.4	83.9	77.2	62.0
TOTAL		730.0	694.3	563.0	663.8	776.9	563.6	575.1	642.3		640.9

FOX BAY

<u>Month/</u> <u>Year</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>Mean</u>
January		72.0	68.3	46.5	37.9	47.5	68.5	48.7	63.9	33.1	53.7
February		33.7	51.1	75.0	43.4	43.9	35.0		8.9	76.9	46.0
March		29.2	30.8	29.4	26.8	30.4	25.0	21.4	16.4		26.2
April		62.7	6.9	62.8	34.8	27.1	43.0	21.8		33.1	44.0
May		39.9	43.1	28.6	46.9	74.4	20.9	42.9	47.2	47.7	43.5
June		37.3	37.8	22.4	19.1	14.1	31.7	15.8	32.7	27.1	26.4
July		28.8	37.4	20.0	25.8	31.1	16.3	27.0		66.8	31.7
August		31.5	6.2	19.7	39.7	15.0	10.9	18.3	26.5	16.3	20.5
September		55.4	7.0	17.4	40.6	11.8	4.4	29.2	16.9	28.9	23.5
October	9.6	19.6	41.1	22.2	31.4	3.9	4.5	16.6	33.2	33.5	21.6
November		40.1	33.3	19.6	27.3	28.4	28.2	23.7	28.1	51.0	31.1
December	50.9	75.7	18.4	40.7	33.7	31.4	37.8	14.5	71.3	41.8	41.6
TOTAL		525.9	381.4	404.3	407.4	356.0	326.2				409.8

PEBBLE ISLAND

<u>Month/ Year</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>Mean</u>
January		71.2	70.6	104.6	35.2	51.1	37.3	55.2	69.8	61.9
		13.4	69.6	127.7	35.8		36.7	46.3	6.8	48.0
March		42.3	25.0	54.1	23.9	35.4	41.9	20.7	7.6	31.4
April		56.2	16.9	53.1	26.0	15.7	32.9	34.7	12.8	31.0
May	42.2	45.0	50.1	22.2	63.8	82.1	35.2	33.7	68.1	49.2
June	56.7	46.7	80.1	20.4	42.4	28.8	30.6	19.0	43.7	40.9
July	13.8	29.0	29.5	44.4	46.2	31.2	14.8	50.4	38.4	33.1
August	26.4	47.8	29.3	26.1	63.9	72.0	20.9	31.4	33.6	39.0
September	16.9	74.7	35.4	13.2	59.9	15.2	20.5	30.3		33.3
October	9.7	37.3	41.6	28.1	20.9	2.7	6.4	14.6		20.2
November	18.6	38.2	64.1	21.8	27.6	49.6	31.2	25.6		33.3
December	47.1	29.3	35.3	36.6	22.0	62.6	55.6	16.3		38.1
TOTAL		531.1	547.5	552.3	467.6		364.0	378.2		459.4

HILL COVEPORT STEPHENSWEST POINT ISLAND

<u>Month/</u> <u>Year</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>Mean</u>	<u>Month/</u> <u>Year</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>Mean</u>	<u>Month/</u> <u>Year</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>Mean</u>
January	61.5	85.6	29.5	58.9	January	92.1	46.2	35.2	57.8	January		59.8	40.0	47.2	49.0
February	79.2	7.9	111.8	66.3	February	48.9	79.9	26.3	51.7	February	32.9		34.6	35.7	34.4
March	32.0	20.6	1.5	18.0	March	50.3	39.2	47.7	45.7	March	26.0		39.4	19.9	28.4
April	44.5	30.2	45.0	39.9	April	21.0	107.3		64.1	April	25.9		29.5	36.2	30.5
May	78.2	78.7	66.5	74.5	May	82.4	42.4		62.4	May	53.7		42.5		32.1
June	28.2	38.1	47.5	37.9	June	88.8	28.7		58.7	June	33.5	30.4	28.9		30.9
July	76.5	44.5	108.6	76.5	July	64.3	36.6		50.5	July	49.7	25.8	17.2		30.9
August	27.2	21.8	29.0	26.0	August	40.0	37.6		38.8	August	49.7	51.2	30.0		43.6
September	59.7	34.8	41.4	45.3	September	38.6	32.2		35.4	September	46.5	19.1	18.9		28.2
October	21.6	36.1	34.3	30.7	October	44.3	28.9		36.6	October	16.1	6.2	11.5		11.3
November	67.1	79.8	52.8	66.6	November	59.8	27.9		43.9	November	19.9	35.1	17.0		24.0
December	44.2	65.0	74.4	61.2	December	31.2	61.0		46.1	December			53.6		
TOTAL	619.9	543.1	642.3	601.8	TOTAL	661.7	567.9		591.7	TOTAL			363.1		

RAINFALL TABLES

FALKLAND ISLANDS

Supplement No.1. to Tables issued 15th September 1959

1st MAY 1960

Figures for 1959 for all stations are given as well as additional information now available for earlier years and for two additional places. The monthly means incorporate the new data.

- Corriegenda: Page 2. Port San Carlos: 1958 Total should read 713.5 mm.
Page 5. Pebble Island: Under Month 2nd line insert "February".
Page 6. Hill Cove: The years should read 1956, 1957 and 1958.
" " West Point Island: Mean for May should read 48.1 mm.

Month/ Year	<u>STANLEY</u>		<u>PORT SAN CARLOS</u>		<u>PORT HOWARD</u>	
	1959	Mean 1944 - 59	1959	1958	1959	Mean \bar{x} 1950 - 59
January	73.1	71.1	69.2	54.4	56.3	71.1
February	66.0	62.2	63.4	86.3	72.8	59.2
March	72.6	50.1	52.7	6.8	58.3	45.1
April	57.8	48.1	70.3	51.6	69.6	50.4
May	31.6	56.7	30.0	68.5	32.7	67.3
June	50.1	49.8	51.8	38.7	49.2	45.8
July	25.9	46.5	45.4	223.4	37.0	70.2
August	47.8	44.5	63.2	58.5	49.5	47.1
September	35.4	40.9	29.7	32.2	23.3	44.3
October	20.2	33.1	24.5	34.1	28.1	32.4
November	33.7	42.8	49.0	54.1	49.4	57.9
December	52.0	77.0	51.4	77.2	42.2	60.2
<u>TOTAL:</u>	566.2	622.8	600.6	785.8	568.4	651.0

\bar{x} September - December means 1949 - 59 inclusive.

FITZROY

<u>Month/</u> <u>Year</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>Mean</u>
January	44.2	16.0	68.6	15.2	25.4	25.4	26.4	78.7	51.1	20.3	51.1	38.9	38.4
February	41.1	6.3	32.5	41.1	49.5	48.3	52.1	14.0	46.5	7.9	108.2	45.7	41.1
March	30.7	97.8	39.4	44.5	58.4	50.8	53.9	27.9	40.6	7.4	51.6	1.3	42.0
April	14.2	22.6	35.6	31.0	49.5	53.3	51.1	71.1	50.3	24.1	99.2	71.1	47.8
May	9.4	11.4	51.6	33.0	26.7	38.1	48.3	25.4	16.8	49.7	79.5	45.7	36.3
June	11.2	46.7	35.8	50.8	24.1	41.1	50.8	39.4	18.0	50.3	74.4	63.5	42.2
July	22.9	33.0	10.4	25.4	20.3	50.8	55.9	71.1	31.7	48.0	76.5	48.0	41.2
August	47.0	17.8	25.4	24.1	24.1	60.5	73.7	26.4	33.3	26.4	57.1	60.5	39.7
September	34.8	20.3	19.1	20.3	18.3	58.4	63.5	73.7	31.2	22.9	9.1	8.4	31.7
October	48.3	8.9	23.4	27.9	25.4	58.4	68.6	20.3	23.1	31.7	27.9	13.0	31.4
November	46.0	15.2	38.1	10.2	24.1	43.2	58.4	56.4	27.9	25.7	58.4	8.9	34.4
December	47.7	50.5	50.8	43.7	40.9	35.6	71.1	54.6	48.3	83.8	78.7	30.7	53.0
<u>TOTAL:</u>	397.5	346.5	430.7	367.2	386.7	563.9	673.8	559.0	418.8	398.2	771.7	435.7	479.2

DARWIN

<u>Month/</u> <u>Year</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>Mean</u> <u>1948 - 59</u>
January	15.5	38.6	59.4	19.1	30.5	38.4	59.0	79.1	64.0	60.2	58.5	48.2	47.5
February	46.7	49.5	36.3	50.8	55.9	41.4	49.4	50.1	37.6	11.1	75.9	48.1	46.1
March	40.1	86.1	29.0	45.7	67.3	33.1	35.2	22.1	49.5	40.1	9.0	29.6	40.6
April	20.6	31.2	69.3	33.8	50.8	32.9	21.2	61.2	48.6	27.7	29.5	40.2	38.9
May	46.7	29.9	49.8	36.6	22.9	46.0	77.6	25.7	102.6	49.9	52.3	33.8	47.8
June	23.1	40.2	77.5	51.3	20.6	37.0	43.9	30.7	18.6	32.7	32.3	37.0	37.1
July	23.6	24.5	51.6	24.6	19.3	50.6	26.7	48.3	41.8	51.9	62.0	33.4	38.2
August	25.7	28.1	64.5	25.7	22.9	66.7	41.3	25.9	15.4	36.0	24.5	32.5	34.1
September	35.6	24.6	56.6	19.3	22.9	30.6	30.9	53.3	30.8	16.1	18.8	21.4	30.1
October	20.3	9.9	72.9	25.1	27.9	32.3	21.4	19.8	16.6	48.9	28.5	20.7	28.7
November	45.7	29.0	66.0	3.1	20.3	31.1	45.6	43.7	21.9	41.1	54.8	31.0	36.1
December	38.6	62.7	69.6	49.5	36.1	54.8	55.5	49.8	30.2	73.9	42.1	41.4	50.3
<u>TOTAL:</u>	382.2	454.3	702.5	384.6	397.4	494.9	507.7	509.7	477.6	489.6	488.2	417.3	475.5

NORTH ARM

<u>Month/ Year</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>Mean</u>
January	77.0	21.3	81.0	23.1	29.2	28.5	42.2	53.6	68.1	41.4	46.5	47.5	46.6
February	48.8	43.7	20.6	44.5	52.1	35.1	40.1	41.4	37.3	16.3	88.1	35.8	42.0
March	36.1	60.7	37.9	48.5	63.5	22.1	21.8	23.1	20.8	13.2	14.5	17.3	31.6
April	37.1	37.6	51.3	27.9	53.3	41.7	20.1	34.8	32.3	17.8	22.1	87.1	38.6
May	32.3	38.9	47.2	38.1	33.8	24.9	44.7	30.7	34.0	32.5	50.0	34.8	36.8
June	28.5	25.9	50.0	49.5	25.4	20.8	19.8	22.6	24.4	45.0	28.5	23.6	30.3
July	21.8	61.2	26.4	27.9	24.1	18.0	23.1	20.6	21.8	54.1	55.9	35.1	32.5
August	32.8	31.2	34.0	25.4	25.4	42.7	15.5	28.5	31.7	18.8	28.2	29.5	28.6
September	53.1	14.2	62.5	24.1	22.3	41.1	22.3	31.7	23.9	21.6	18.0	38.4	31.1
October	12.5	11.2	41.4	26.7	25.1	30.2	29.7	18.3	36.3	43.7	30.5	16.3	26.8
November	44.2	14.7	53.9	14.0	25.4	19.6	20.1	22.6	18.5	22.6	23.6	19.8	24.9
December	56.6	57.7	61.7	45.7	40.9	32.8	33.5	33.3	21.3	93.7	45.5	16.0	44.9
<u>TOTAL:</u>	480.8	418.3	567.9	395.4	420.5	357.5	332.9	361.2	370.4	420.7	451.4	401.2	414.7

FOX BAYHILL COVE

<u>Month /</u> <u>Year</u>	<u>1959</u>	Mean <u>1950 - 59</u> \bar{x}	<u>1959</u>	Mean <u>1956 - 59</u>
January	53.4	53.7	31.5	52.0
February	45.2	45.9	65.5	66.1
March	15.7	25.0	22.1	19.1
April	42.3	37.2	74.4	48.5
May	17.7	40.9	38.1	65.4
June	33.7	27.2	36.8	37.7
July	17.3	30.1	38.1	66.9
August	16.7	20.1	46.7	31.2
September	24.9	23.7	26.9	40.7
October	23.1	21.7	29.2	30.3
November	15.1	29.5	33.3	58.3
December	39.6	41.4	25.1	52.2
<u>TOTAL:</u>	344.7	396.4	467.7	568.4

\bar{x} Excepting February 1956, March 1958, April 1957, July 1957 and add October and December 1949.

RAINFALL TABLES

FALKLAND ISLANDS

Supplement No.2. to Tables issued 15th September, 1959.

1st MAY, 1961

Figures for 1960 for all stations are given as well as additional information now available for San Carlos and Bluff Cove. The monthly means incorporate the new data. The means for Stanley are given over the 15 year period 1946 to 1960.



Month/ Year	<u>STANLEY</u>		<u>PORT SAN CARLOS</u>		<u>BLUFF COVE</u>	<u>FITZROY</u>	
	1960	Mean 1946 - 1960	1960	Mean 1958 - 1960 [‡]	1960	1960	Mean 1948 - 1960
January	48.7	70.5	50.9	63.1		38.1	38.4
February	23.4	59.5	33.4	82.7		0.0	37.9
March	27.5	48.2	23.1	27.4		33.0	41.3
April	34.9	45.3	43.5	56.9		38.4	47.0
May	51.9	55.8	75.6	54.7		30.0	35.8
June	61.4	46.1	51.3	50.3		33.8	41.5
July	39.1	45.1	49.6	63.7		36.3	40.8
August	38.4	41.5	47.9	50.0	50.3	17.0	37.9
September	15.9	37.4	8.7	26.8	26.5	20.3	30.8
October	49.7	33.0	53.0	39.3	53.1	26.7	31.0
November	33.6	44.4	36.6	51.7	42.1	13.0	32.7
December	68.0	72.8	79.0	75.7	61.9	64.5	53.9
TOTAL:	492.5	599.6	552.6	642.3	-	351.1	469.0

‡ September - December means 1957 - 1960 inclusive.

SAN CARLOS

<u>Month/</u> <u>Year</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>Mean</u>
January		57.1	90.8	64.5	57.9	54.1	37.1	43.1	44.5	56.1
February		41.6	55.3	32.7	40.9	19.7	123.2	53.2	33.4	50.0
March		39.7	44.2	65.1	35.1	15.3	18.5	39.5	30.3	34.7
April		42.9	21.0	45.5	49.9	19.2	31.5	49.2	42.4	37.7
May		75.5	85.4	60.4	44.9	35.7	51.2	26.7	52.7	54.1
June		41.4	34.9	66.1	30.2	46.3	46.5	31.1	60.6	44.6
July	64.7	16.4	46.6	23.2	65.3	55.2	103.1	33.2	49.1	50.8
August	52.7	84.8	42.7	28.9	29.7	48.3	21.7	43.2	37.1	43.2
September	33.0	61.8	23.9	27.3	38.7	23.6	22.9	30.9	16.3	30.9
October	32.0	30.5	16.4	9.4	18.7	36.9	11.2	19.8	27.6	22.5
November	27.2	40.8	32.7	40.7	20.5	52.3	58.1	36.7	-	38.6
December	51.6	15.2	110.0	66.1	45.4	98.2	45.5	21.6	45.2	55.4
TOTAL:	-	547.7	603.9	529.9	477.2	504.8	570.5	428.2	-	518.6

<u>Month/</u> <u>Year</u>	<u>DARWIN</u>		<u>NORTH ARM</u>		<u>PORT HOWARD</u>	
	<u>1960</u>	Mean <u>1948 - 1960</u>	<u>1960</u>	Mean <u>1948 - 1960</u>	<u>1960</u>	Mean \times <u>1950 - 1960</u>
January	60.7	48.7	25.1	45.0	52.2	69.3
February	32.5	45.0	17.0	40.1	45.2	58.0
March	36.3	40.2	9.7	28.0	27.5	43.5
April	43.8	39.3	21.3	37.2	28.4	48.4
May	40.5	47.3	32.5	36.5	51.0	65.8
June	58.4	38.7	37.3	30.9	69.1	47.9
July	28.0	37.4	33.3	32.6	56.7	68.0
August	50.9	35.4	32.8	29.0	55.6	47.9
September	18.4	29.2	10.2	29.5	21.2	42.3
October	30.2	28.8	22.1	26.5	54.9	34.3
November	40.3	36.4	13.2	24.0	43.4	56.7
December	34.8	49.2	18.5	42.9	53.1	59.6
TOTAL:	474.8	475.6	273.0	402.2	558.3	641.7

\times September - December means 1949 - 1960 inclusive.

<u>Month /</u> <u>Year</u>	<u>FOX BAY</u>		<u>HILL COVE</u>	
	<u>1960</u>	Mean \bar{x} <u>1950 - 1960</u>	<u>1960</u>	Mean <u>1956 - 1960</u>
January	26.7	51.2	45.5	50.7
February	22.4	43.5	42.9	61.5
March	23.0	24.8	37.3	22.7
April	17.2	35.2	30.2	44.9
May	35.0	40.4	38.4	60.0
June	51.2	29.4	77.0	45.5
July	25.8	29.6	52.8	64.1
August	43.3	22.2	61.7	37.3
September	0.0	21.5	18.8	36.3
October	27.7	22.2	43.7	33.0
November	25.4	29.1	36.3	53.9
December	32.9	40.7	61.7	54.1
TOTAL:	330.6	389.8	546.3	564.0

\bar{x} Excepting February 1956, March 1958, April 1957, July 1957 and add October and December 1949.

RAINFALL TABLES

FALKLAND ISLANDS

Supplement No. 3. to Tables issued 15th September, 1959.

1st MAY, 1962

Figures for 1961 are given. The monthly means incorporate the new data with the exception of Stanley. The means over the 15 years period 1946 to 1960 are retained for Stanley.



<u>Month/</u> <u>Year</u>	<u>STANLEY</u>		<u>PORT SAN CARLOS</u>		<u>BLUFF COVE</u>	
	<u>1961</u>	<u>Mean</u> <u>1946 - 1960</u>	<u>1961</u>	<u>Mean</u> <u>1958 - 1961*</u>	<u>1960</u>	<u>1961</u>
January	85.1	70.5	38.8	57.0		90.5
February	24.2	59.5	20.7	67.2		20.8
March	56.9	48.2	79.6	40.5		62.1
April	66.9	45.3	83.8	63.7		124.2
May	58.6	55.8	78.2	60.6		71.3
June	61.2	46.1	72.5	55.9		94.0
July	37.6	45.1	59.7	62.7		50.0
August	71.4	41.5	71.3	55.3	50.3	71.6
September	48.8	37.4	45.3	30.5	26.5	69.4
October	31.4	33.0	23.1	36.0	53.1	36.4
November	24.4	44.4	29.6	47.3	42.1	23.2
December	61.5	72.8	37.2	68.0	61.9	52.9
TOTAL:	628.0	599.6	639.8	644.7		766.4

* September - December inclusive, means for 1957 - 1961

<u>Month/</u> <u>Year</u>	<u>FITZROY</u>		<u>SAN CARLOS</u>		<u>DARWIN</u>	
	<u>1961</u>	Mean <u>1948 - 1961</u>	<u>1961</u>	Mean <u>1953 - 1961</u> *	<u>1961</u>	Mean <u>1948 - 1961</u>
January	50.8	42.0	34.0	53.7	32.5	47.4
February	40.6	38.1	21.1	46.8	7.6	42.3
March	30.5	40.6	58.7	38.5	53.6	41.2
April	78.5	49.3	66.7	40.9	80.0	42.2
May	29.2	35.3	38.8	52.4	51.6	47.6
June	27.9	40.6	78.5	48.4	57.4	40.1
July	22.9	39.5	40.3	49.7	35.6	37.3
August	15.2	36.3	66.0	45.5	29.0	34.9
September	18.3	29.9	73.8	35.2	27.4	29.1
October	40.9	31.7	16.2	21.9	18.8	28.1
November	43.9	33.5	22.8	36.9	1.8	34.0
December	29.5	52.5	27.8	52.7	33.3	48.0
TOTAL:	428.2	469.3	544.7	522.6	428.6	472.2

* July - December inclusive, means for 1952 - 1961. Less November 1960.

<u>Month/</u> <u>Year</u>	<u>NORTH ARM</u>		<u>PORT HOWARD</u>	
	<u>1961</u>	<u>Mean</u> <u>1948 - 1961</u>	<u>1961</u>	<u>Mean</u> <u>1950 - 1961*</u>
January	18.0	43.0	32.0	66.2
February	16.3	38.4	12.1	54.1
March	58.9	32.0	85.7	47.0
April	57.4	38.7	90.4	51.9
May	44.5	37.0	74.6	66.5
June	50.3	32.3	94.1	51.8
July	22.1	31.8	61.4	68.3
August	32.3	29.2	64.8	49.3
September	31.2	29.6	47.6	42.7
October	14.5	25.6	24.4	33.5
November	11.7	23.1	41.9	55.5
December	15.5	40.9	37.4	57.9
TOTAL:	372.7	401.6	666.4	644.7

* September - December inclusive, means for 1949 - 1961

<u>Month /</u> <u>Year</u>	<u>FOX BAY</u>		<u>HILL COVE</u>	
	<u>1961</u>	<u>Mean</u> <u>1950 - 1961*</u>	<u>1961</u>	<u>Mean</u> <u>1956 - 1961</u>
January	24.5	49.0	31.2	47.5
February	9.3	40.4	16.5	54.0
March	68.6	28.8	75.2	31.5
April	51.5	36.7	86.1	51.7
May	46.4	40.9	72.9	62.1
June	62.1	32.1	97.5	54.2
July	30.9	29.7	48.3	61.5
August	39.2	23.6	55.6	40.3
September	31.3	22.3	49.5	38.5
October	12.0	21.4	23.9	31.5
November	21.3	28.5	53.3	53.8
December	16.2	38.8	31.0	50.2
TOTAL:	413.3	392.2	641.0	576.8

* Excepting February 1956, April 1957, July 1957, March 1958 and including October and December 1949.

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RAINFALL TABLES

FALKLAND ISLANDS

SUPPLEMENT No. 1

TO TABLES ISSUED 1st AUGUST 1965



The attached Tables give Stanley, Darwin and Fox Bay monthly rainfall totals for 1965, together with data kindly supplied by various Settlement Managers during recent months.

2. A new table is provided for the recording of monthly data now being supplied by Main Point.

3. It is suggested that holders of the Tables issued on 1st August 1965 may wish to enter therein the new data given in this Supplement.

4. Revised figures for Mean Annual Rainfall at the stations listed on the last page of the Tables issued in August 1965 will be given in due course, but the new figures given in this Supplement are unlikely to have sufficient effect to justify re-calculation at this stage.

5. After entering the new data given in this Supplement, the periods listed on the title page of the August 1965 Tables may be amended as follows:-

Stanley..	..	..	..	..	January 1944	-	December 1965
Port Howard	..	..	..	..	September 1949	-	December 1965
Fox Bay..	..	..	..	..	October 1949	-	December 1965
Hill Cove	..	..	..	..	January 1956	-	December 1965
Port San Carlos	..	..	..	..	September 1957	-	December 1965
Darwin ..	..	..	..	..	January 1948	-	December 1965
Fitzroy..	..	..	..	..	January 1948	-	April 1965
North Arm	..	..	..	..	January 1945	-	July 1965
<u>Add</u> Main Point	..	..	..	..	July 1965	-	December 1965

6. It is suggested that, after incorporating the new data given in this Supplement, holders of the Tables issued on 1st August 1965 should endorse their copies "Including Supplement No. 1".

SUPPLEMENT No. 1 TO FALKLAND ISLANDS RAINFALL TABLES ISSUED 1ST AUGUST 1965

MONTH	STANLEY	PORT HOWARD	FOX BAY	HILL COVE	DARWIN (SCHOOL)			FITZROY			NORTH ARM					
	1965	1965	1965	1965	1963	1964	1965	1963	1964	1965	1945	1946	1947	1963	1964	1965
January	65.0*	34.2	19.8	32.3	73.9			101.1	62.7	50.3	53.6	51.8	77.5	53.6	8.9	12.9
February	56.7	95.7	58.5	81.0	20.5			38.9	20.6	36.8	39.1	38.3	33.5	18.3	39.6	21.1
March	33.5	29.4	22.9	18.0	42.0	33.1	35.4	30.5	39.1	33.0	22.3	25.7	62.5	33.8	34.8	20.8
April	67.9	93.6	47.6	73.9	23.8	33.0	43.3	44.5	23.9	43.2	34.8	30.0	44.2	21.1	41.4	38.1
May	59.6	86.9	61.8	100.8	42.7	41.5	63.1	8.1	35.3		38.3	7.1	79.5	33.3	36.8	58.4
June	63.9	84.5	68.5	63.5	51.8	40.7	47.3	24.1	25.7		34.0		26.7	27.2	30.7	53.3
July	24.0	44.6	24.6	39.9	28.7	15.6	4.4	35.6	26.4		24.6		27.9	36.3	32.5	7.9
August	88.0	76.2	74.1	77.7	11.6	40.7	52.4	33.0	36.8		60.5		23.1	15.7	40.6	
September	24.4	49.1	22.8	32.8	26.5	9.8	30.8	30.5	23.6		33.8	26.7	16.0	37.3	12.7	
October	37.0	65.8	39.2	34.9	10.7	11.2	39.4	31.7	10.7		40.9	25.4	4.8	17.0	17.5	
November	34.0	32.7	9.3	43.4	43.3	37.1	18.1	30.0	19.1		14.5	35.3	9.1	20.8	19.1	
December	94.7	85.4	47.0	42.2	26.0	45.0	69.6	18.5	36.3		72.1	63.7	51.6	13.7	27.9	
Total (Year)	648.7	778.1	496.1	640.4	402.1			426.5	360.2		468.5		456.4	328.1	342.5	

*Note correction

NOTE: Amounts are in millimetres.

SUPPLEMENT No. 1 (Continued) TO FALKLAND ISLANDS RAINFALL TABLES ISSUED 1st AUGUST 1965

MONTH	PORT SAN CARLOS	MAIN POINT
	1965	1965
January	38.8	
February	79.6	
March	37.5	
April	84.7	
May	90.6	
June	71.1	
July	26.6	25.3
August	93.4	52.1
September	43.5	34.8
October	50.3	32.8
November	30.0	29.3
December	94.0	57.2
Total (Year)	740.1	

	5-YEAR MEANS 1959-1963												(Year)
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
DARWIN			41.8	43.6	42.6	49.2	32.9	31.5	24.4	20.0	33.5	40.6	
FITZROY	57.0	45.4	34.1	52.8	27.8	38.7	34.5	31.9	23.3	33.8	29.5	47.7	456.6
NORTH ARM	34.1	28.3	29.4	44.5	35.9	36.4	28.8	27.4	27.1	16.9	19.4	21.5	349.8

SOIL TEMPERATURES

FALKLAND ISLANDS

(Summary of information available to 31/12/59)

Meteorological Office, Falkland Islands.

1st May 1960

INTRODUCTION

This publication of Soil Temperatures is intended to summarise all data for various places in the Falkland Islands up to the end of 1959.

The temperatures are given throughout in degrees Fahrenheit.

Meteorological Office, Falkland Islands.

1st May 1960

STANLEYMean Soil Temperatures at Four Inches

<u>Month/</u> <u>Year</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>Mean</u>
January	49.0	50.5	49.4	49.8	51.9	50.8	49.2	50.0	48.6	49.5	51.2	49.3	49.9
February	47.9	48.5	50.6	49.8	49.5	50.6	49.6	49.7	49.1	50.7	47.8	47.6	49.3
March	44.3	47.0	47.2	46.9	46.3	47.4	46.3	46.1	47.0	48.2	46.7	47.2	46.7
April	42.8	42.6	42.9	44.4	41.5	41.7	44.0	43.2	43.1	44.8	43.9	40.7	43.0
May	40.1	38.2	35.3	39.1	38.0	40.8	40.2	39.6	39.9	40.2	38.5	37.3	38.9
June	36.1	35.5	36.0	36.2	36.0	37.3	36.1	35.8	38.3	36.7	36.3	36.9	36.4
July	33.6	34.7	35.1	35.5	36.4	36.3	35.9	34.6	37.0	35.6	36.1	34.5	35.4
August	33.5	35.0	33.9	37.2	36.8	37.3	35.1	35.8	37.3	35.6	36.6	34.8	35.7
September	38.3	38.0	37.0	37.6	39.8	40.0	36.8	37.9	38.1	38.5	38.3	37.6	38.2
October	41.3	42.0	42.0	40.3	43.3	42.2	41.3	43.6	43.4	40.2	42.1	41.4	41.9
November	43.8	45.9	45.7	45.0	47.2	46.4	45.9	46.2	48.1	45.8	46.1	44.8	45.9
December	48.0	48.6	49.2	51.0	49.6	50.8	48.0	46.3	48.8	47.6	46.9	48.0	48.6

STANLEY

Mean Soil Temperatures at Eight Inches

<u>Month/ Year</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>Mean</u>
January	49.2	50.2	-	50.2	51.9	50.4	49.1	50.3	48.4	49.3	50.7	49.2	49.9
February	48.5	48.7	-	50.2	49.6	50.3	49.6	51.4	49.2	50.7	48.5	47.6	49.5
March	45.5	47.2	-	48.0	47.1	47.9	46.5	46.6	47.5	48.5	47.2	47.7	47.2
April	43.8	43.3	-	45.5	42.7	43.0	44.8	44.0	43.8	45.7	44.9	42.4	44.0
May	41.2	39.1	37.2	40.8	39.4	40.5	41.3	40.6	41.0	41.9	40.2	39.0	40.2
June	36.8	37.7	37.5	37.8	37.2	38.5	37.0	37.2	39.2	38.4	38.0	38.2	37.8
July	34.5	35.8	36.4	36.7	37.2	37.0	36.6	35.9	37.9	37.2	37.4	36.1	36.6
August	34.3	35.0	35.2	38.1	37.6	37.9	36.0	36.8	38.1	36.8	37.9	36.0	36.6
September	38.5	38.7	37.7	38.8	40.5	40.2	37.3	38.3	38.5	39.4	39.0	38.3	38.8
October	41.7	42.3	41.9	41.2	43.6	42.5	41.3	43.5	43.5	40.8	42.3	41.8	42.2
November	44.1	-	46.1	45.5	46.8	45.9	45.5	46.0	47.6	45.5	46.2	44.9	45.8
December	48.1	-	49.4	50.8	49.3	50.2	48.0	46.3	48.5	47.6	46.7	48.0	48.4

STANLEYMean Soil Temperatures at One Foot

<u>Month</u> <u>/ Year</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>Mean</u>
January	-	48.5	48.7	50.8	49.7	48.5	49.0	47.6	48.6	50.2	48.5	49.0
February	-	49.4	48.9	48.9	50.1	49.3	49.3	48.4	50.1	47.8	47.4	49.0
March	-	47.6	47.2	47.0	47.9	46.4	46.5	47.1	48.3	46.9	47.2	47.2
April	-	43.9	45.3	42.9	42.9	44.7	43.8	43.8	45.6	44.9	42.2	44.0
May	-	37.9	41.0	39.9	40.7	41.4	40.9	41.2	41.5	40.6	38.9	40.4
June	-	37.9	38.2	37.7	38.9	37.5	37.5	39.6	38.5	38.2	38.2	38.2
July	-	36.9	37.0	37.6	36.1	37.1	36.2	38.3	37.2	37.7	36.2	37.0
August	-	35.4	38.1	37.9	38.3	36.3	37.0	38.3	37.0	38.0	36.2	37.3
September	38.9	37.6	38.6	40.3	40.3	37.5	38.5	38.8	39.4	39.2	38.2	38.8
October	42.2	41.6	40.6	43.0	42.3	41.1	43.1	42.9	40.7	42.2	41.3	41.9
November	45.5	45.3	44.5	46.0	45.4	45.1	45.6	47.1	45.2	45.5	44.2	45.4
December	47.5	48.0	49.2	48.6	49.6	47.4	45.9	47.9	46.9	46.1	47.1	47.7

STANLEY

Mean Soil Temperatures at Four Feet

<u>Month</u> <u>Year</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>Mean</u>
January	45.3	44.6	44.6	44.8	45.7	45.3	45.3	45.0	44.4	45.7	45.8	44.9	45.1
February	46.0	45.7	45.5	45.7	46.3	46.3	45.9	46.1	45.5	46.4	46.7	45.4	46.0
March	45.6	45.8	46.1	45.7	46.3	46.4	45.8	46.3	45.9	46.9	46.2	45.6	46.1
April	44.9	44.9	45.4	45.2	45.0	45.3	45.2	45.2	44.9	46.2	45.5	44.9	45.2
May	43.7	43.2	43.1	44.1	43.3	43.4	44.1	43.8	43.7	44.8	43.8	42.9	43.7
June	41.7	41.7	41.1	42.2	41.6	42.3	42.1	42.1	42.5	42.9	42.1	40.1	41.9
July	40.5	40.3	40.3	40.6	40.5	40.8	40.9	40.5	41.4	41.3	40.8	40.5	40.7
August	39.0	39.4	38.2	40.0	40.0	40.2	38.7	39.8	40.7	40.2	40.2	39.5	39.7
September	38.9	39.3	38.8	40.1	40.2	40.5	39.6	39.8	40.4	40.2	40.2	39.2	39.8
October	40.2	40.3	39.8	40.1	41.2	39.6	40.1	41.1	41.2	40.8	41.2	40.3	40.5
November	41.5	41.9	41.6	41.5	42.5	42.4	43.1	42.6	43.1	42.0	42.7	41.7	42.2
December	43.2	43.4	43.3	43.3	44.1	44.2	43.8	43.8	44.6	43.9	43.8	43.3	43.7

DARWIN

Mean Soil Temperatures at Four Inches

<u>Month/ Year</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>Mean</u>
January	-	48.0	-	-	49.0	53.0	49.3	49.8
February	-	49.5	-	-	50.8	47.3	47.8	48.9
March	-	46.5	-	-	48.5	45.2	47.2	46.9
April	41.7	44.1	-	-	44.5	44.1	41.5	43.2
May	39.5	40.6	-	39.6	40.0	38.2	38.2	39.3
June	37.0	36.3	-	37.9	35.8	36.1	37.4	36.7
July	35.7	36.5	-	36.9	34.9	35.9	35.1	35.8
August	36.8	35.6	-	36.3	35.2	36.0	35.6	35.9
September	39.0	36.9	-	38.4	37.7	37.6	37.0	37.8
October	41.3	41.3	-	42.1	39.1	41.5	41.0	41.1
November	45.3	45.7	-	48.5	45.7	46.1	44.4	45.9
December	49.4	-	-	49.0	48.1	47.2	48.1	48.4

DARWIN

Mean Soil Temperatures at Eight Inches

<u>Month/</u> <u>Year</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>Mean</u>
January	-	48.5	-	-	50.9	53.0	49.6	50.5
February	-	49.9	-	-	52.0	48.8	48.4	49.8
March	-	46.9	47.4	-	49.8	47.3	47.9	47.9
April	43.0	44.6	-	-	46.4	45.0	43.7	44.5
May	40.2	41.1	-	41.2	42.4	38.3	40.1	40.5
June	37.9	-	-	39.3	38.0	37.5	38.5	38.2
July	36.2	-	-	37.8	36.2	36.7	36.2	36.6
August	37.1	-	-	37.5	36.1	36.7	35.3	36.5
September	39.2	-	-	38.5	38.6	38.5	37.6	38.5
October	41.7	-	-	43.1	40.3	41.9	41.3	41.7
November	45.3	-	-	49.1	46.1	46.3	44.6	46.3
December	49.3	-	-	49.4	48.6	47.2	48.0	48.5

DARWIN

Mean Soil Temperatures at One Foot

<u>Month/</u> <u>Year</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>Mean</u>
January	-	48.3	49.8	-	50.6	52.1	49.4	50.0
February	50.2	49.5	50.1	-	51.6	49.0	48.4	49.8
March	47.5	46.7	-	47.6	49.9	47.6	47.9	47.9
April	42.3	45.1	-	44.6	46.9	45.5	44.3	44.8
May	39.1	41.3	-	42.3	43.1	39.4	40.9	41.0
June	36.8	36.7	-	40.1	39.5	38.4	39.1	38.4
July	34.8	36.7	-	38.6	37.5	37.3	37.1	37.0
August	37.0	35.8	-	38.3	36.8	37.3	36.3	36.9
September	38.8	36.8	-	38.9	38.9	38.7	37.8	38.3
October	41.6	41.5	-	43.0	40.5	41.8	41.3	41.6
November	45.7	45.9	-	48.3	45.7	45.8	44.4	46.0
December	49.5	47.6	-	49.1	48.4	47.0	47.4	48.2

PEBBLE ISLAND

Mean Soil Temperatures at One Foot

<u>Month/ Year</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>Mean</u>
January	-	53.3	51.3	50.1	50.2	48.0	48.9	50.3
February	-	51.1	51.8	51.8	51.2	49.0	50.3	50.9
March	-	48.9	49.8	48.5	49.4	48.0	49.2	49.0
April	-	45.3	45.6	46.8	46.5	45.5	47.1	46.1
May	-	42.4	43.3	44.1	44.0	43.7	44.5	43.7
June	-	40.0	41.7	40.4	40.8	42.1	41.4	41.1
July	-	39.4	39.5	39.7	39.3	40.8	39.9	39.8
August	-	39.6	40.0	39.0	39.2	40.3	39.3	39.6
September	40.7	41.5	41.2	40.0	40.5	40.9	-	40.8
October	42.0	44.6	43.5	43.4	44.1	44.0	-	43.6
November	46.1	47.4	46.7	47.1	46.3	47.1	-	46.8
December	49.9	50.3	50.3	48.5	46.8	48.3	-	49.0

PEBBLE ISLAND

Mean Soil Temperatures at Four Feet

<u>Month/</u> <u>Year</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>1957</u>	<u>Mean</u>
January	-	48.6	48.0	48.0	47.3	45.8	47.2	47.5
February	-	49.0	48.9	48.6	48.7	47.1	47.9	48.4
March	-	48.6	48.9	48.3	48.5	47.1	48.1	48.3
April	-	47.0	47.5	47.5	48.0	46.2	47.5	47.3
May	-	45.3	45.5	46.2	47.1	45.3	46.2	45.9
June	-	43.4	44.4	43.8	42.3	44.2	44.4	43.7
July	-	42.3	42.8	42.6	-	42.9	42.6	42.6
August	-	41.8	42.1	41.6	41.3	42.0	41.5	41.7
September	42.0	42.1	40.8	41.1	41.3	41.9	-	41.5
October	42.3	43.4	43.1	42.2	42.7	42.9	-	42.8
November	44.1	44.9	44.5	44.6	44.4	44.7	-	44.5
December	45.8	46.8	46.8	46.0	45.2	46.1	-	46.1

WEST POINT ISLAND

Mean Soil Temperatures at Four Inches

<u>Month/</u> <u>Year</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>Mean</u>
January	-	49.3	51.1	49.2	49.9
February	50.4	-	51.4	49.3	50.5
March	48.6	-	48.6	48.1	48.4
April	43.7	-	45.0	44.5	44.4
May	41.4	-	41.8	42.5	41.9
June	39.4	38.8	38.6	-	38.9
July	38.5	38.0	37.4	-	38.0
August	38.4	37.1	38.4	-	38.0
September	39.7	37.7	39.7	-	39.0
October	42.0	42.9	43.8	-	42.9
November	45.9	46.6	47.5	-	46.7
December	50.4	48.5	47.9	-	48.9

WEST POINT ISLAND

Mean Soil Temperatures at Eight Inches

<u>Month/</u> <u>Year</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>Mean</u>
January	-	50.3	51.4	49.8	50.5
February	51.2	-	52.1	50.9	51.4
March	49.8	-	49.6	49.2	49.5
April	45.4	-	46.5	46.7	46.2
May	43.0	-	43.8	44.6	43.8
June	41.3	40.2	40.7	-	40.7
July	39.5	39.6	39.3	-	39.5
August	39.9	38.9	40.0	-	39.6
September	41.0	39.3	40.8	-	40.4
October	43.5	42.0	44.8	-	43.4
November	46.5	45.9	47.3	-	46.6
December	50.6	49.1	48.2	-	49.3

WEST POINT ISLAND

Mean Soil Temperatures at One Foot

<u>Month</u> <u>Year</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>Mean</u>
January	-	49.8	50.3	49.1	49.7
February	50.7	-	51.1	50.0	50.6
March	50.0	-	49.4	49.1	49.5
April	46.1	-	47.1	47.0	46.7
May	43.9	-	44.6	45.3	44.6
June	42.7	41.3	41.7	-	41.9
July	39.9	40.3	40.0	-	40.1
August	40.7	39.5	40.4	-	40.2
September	41.4	40.0	41.1	-	40.8
October	43.6	42.6	44.2	-	43.5
November	46.2	46.3	46.5	-	46.3
December	49.6	48.3	47.7	-	48.5

WEST POINT ISLAND

Mean Soil Temperatures at Four Feet

<u>Month/</u> <u>Year</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>	<u>1956</u>	<u>Mean</u>
January	-	48.5	48.4	47.5	48.1
February	49.5	-	49.5	48.7	49.2
March	49.5	-	49.1	48.6	49.1
April	47.9	-	47.9	47.6	47.8
May	46.0	-	46.1	46.5	46.2
June	44.8	43.6	44.3	-	44.2
July	42.8	42.5	42.4	-	42.6
August	42.3	41.7	42.0	-	42.0
September	42.3	41.3	42.0	-	41.9
October	43.5	42.4	43.6	-	43.2
November	45.1	45.0	45.1	-	45.1
December	47.4	46.6	46.8	-	46.9

SOIL TEMPERATURES

FALKLAND ISLANDS

Supplement No.1 to Tables issued 1st May, 1960

1st MAY, 1961

Figures for 1960 for Stanley and Darwin are included.
The monthly means incorporate the new data.



STANLEY

<u>Month</u>	<u>Four inches</u>		<u>Eight Inches</u>		<u>One Foot</u>		<u>Four Feet</u>	
	<u>1960</u>	<u>°F.</u> <u>Mean</u>	<u>1960</u>	<u>°F.</u> <u>Mean</u>	<u>1960</u>	<u>°F.</u> <u>Mean</u>	<u>1960</u>	<u>°F.</u> <u>Mean</u>
January	49.9	49.9	50.1	49.9	48.8	49.0	44.7	45.1
February	50.0	49.3	50.1	49.5	49.1	49.0	45.9	46.0
March	48.9	46.9	49.5	47.4	48.7	47.3	46.5	46.1
April	42.1	42.9	43.8	44.0	43.1	43.9	45.6	45.2
May	41.3	39.1	41.5	40.3	41.3	40.5	44.1	43.7
June	37.4	36.5	39.2	37.9	39.2	38.3	42.7	41.9
July	35.4	35.4	37.1	36.6	37.5	37.1	41.0	40.7
August	35.4	35.7	36.9	36.7	37.1	37.2	40.0	39.7
September	39.0	38.2	40.0	38.9	39.5	38.9	40.1	39.8
October	42.1	41.9	42.8	42.2	42.0	41.9	41.1	40.5
November	45.8	45.9	45.8	45.8	44.7	45.3	42.4	42.2
December	48.7	48.6	48.4	48.4	47.0	47.6	44.0	43.7

DARWIN

<u>Month</u>	<u>Four Inches</u>		<u>Eight Inches</u>		<u>One Foot</u>	
	<u>1960</u> °F.	<u>Mean</u> ⓧ	<u>1960</u> °F.	<u>Mean</u> ⓧ	<u>1960</u> °F.	<u>Mean</u> ⓧ
January	51.0	50.1	50.7	50.5	50.2	50.1
February	50.2	49.1	50.4	49.9	50.2	49.9
March	49.2	47.3	49.9	48.2	50.0	48.2
April	43.9	43.3	45.2	44.7	45.6	44.9
May	41.4	39.6	42.7	40.9	43.0	41.3
June	39.5	37.1	40.0	38.5	39.3	38.6
July	37.0	36.0	37.3	36.7	37.4	37.1
August	36.5	36.0	36.9	36.6	37.1	36.9
September	38.3	37.8	38.9	38.5	38.8	38.4
October	41.2	41.1	42.4	41.8	41.7	41.6
November	45.2	45.8	45.3	46.1	45.1	45.8
December	-	48.4	-	48.5	-	48.2

ⓧ Excluding December, 1960.

SOIL TEMPERATURES

FALKLAND ISLANDS

Supplement No.2 to Tables issued 1st May, 1960

1st JULY, 1962

Figures for 1961 for Stanley and Darwin are included.
The monthly means incorporate the new data.



STANLEY

<u>Month</u>	<u>Four inches</u>		<u>Eight inches</u>		<u>One foot</u>		<u>Four feet</u>	
	<u>1961</u>	<u>Mean</u> °F.	<u>1961</u>	<u>Mean</u> °F.	<u>1961</u>	<u>Mean</u> °F.	<u>1961</u>	<u>Mean</u> °F.
January	49.3	49.9	49.1	49.9	48.0	48.9	44.9	45.1
February	49.7	49.4	50.0	49.6	49.1	49.0	46.2	46.0
March	45.4	46.8	46.4	47.4	46.1	47.2	46.0	46.1
April	41.6	42.8	43.2	43.9	43.1	43.9	44.9	45.2
May	38.8	39.1	40.3	40.3	40.7	40.5	43.4	43.7
June	35.7	36.5	37.4	37.9	37.8	38.3	41.7	41.9
July	34.7	35.4	36.3	36.6	36.7	37.0	40.3	40.7
August	35.4	35.7	36.7	36.7	36.9	37.2	39.5	39.7
September	37.4	38.2	38.3	38.8	38.2	38.8	39.5	39.8
October	41.0	41.9	41.5	42.2	41.1	41.9	40.2	40.5
November	44.9	45.8	45.1	45.8	44.1	45.2	41.7	42.2
December	48.4	48.6	48.3	48.4	47.2	47.6	43.6	43.7

DARWIN

<u>Month</u>	<u>Four inches</u>		<u>Eight inches</u>		<u>One foot</u>	
	<u>1961</u> °F	<u>Mean*</u>	<u>1961</u> °F	<u>Mean*</u>	<u>1961</u> °F	<u>Mean*</u>
January	--	50.4	--	50.5	--	50.1
February	--	49.1	--	49.9	--	49.9
March	46.2	47.1	47.0	48.0	47.1	48.0
April	43.6	43.3	44.8	44.7	44.6	44.9
May	41.0	39.8	44.9	41.0	41.8	41.4
June	37.6	37.2	38.2	38.5	38.4	38.7
July	36.1	36.0	36.4	36.7	36.3	37.0
August	35.7	36.0	36.2	36.5	36.6	36.9
September	--	37.8	--	38.5	--	38.4
October	40.5	41.0	40.9	41.7	40.9	41.5
November	44.1	45.6	44.4	45.9	44.2	45.6
December	--	48.4	--	48.5	--	48.2

* For Darwin means for odd months, see original report and Supplement No. 1.