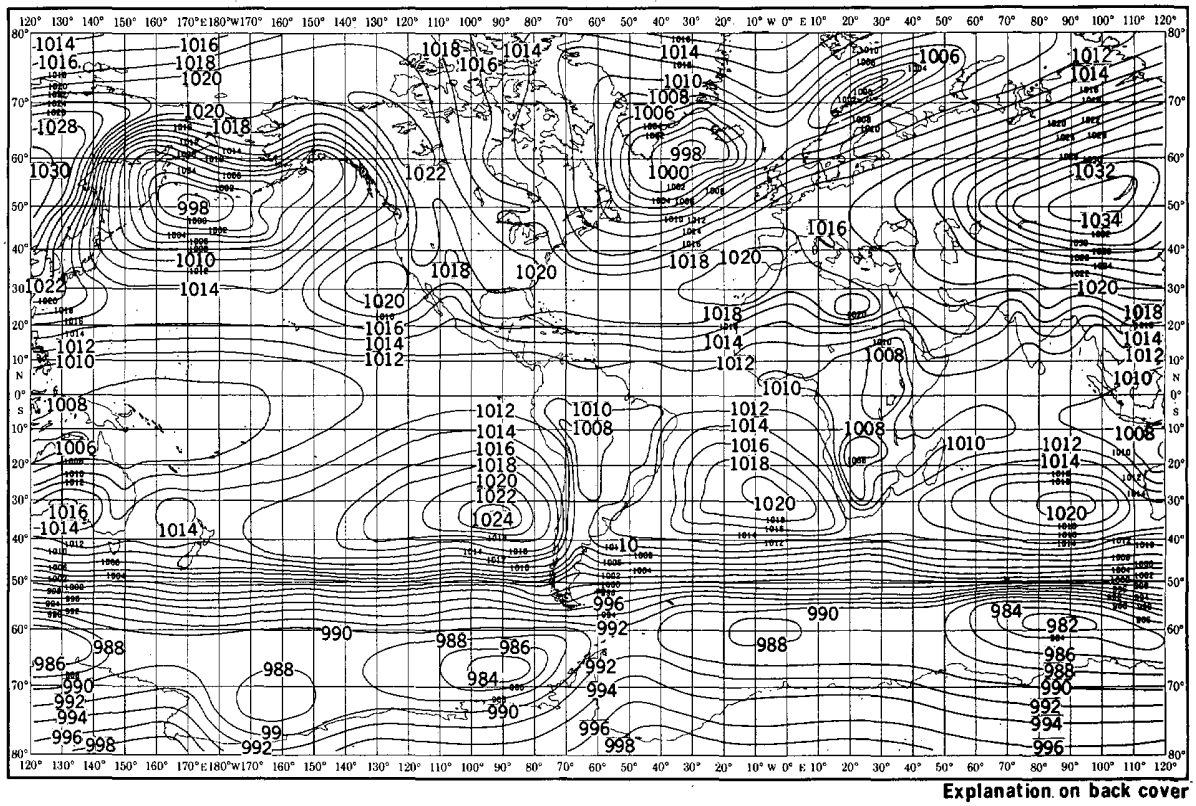
JANUARY 1986 VOLUME 39 NUMBER 1

MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE WORLD METEOROLOGICAL ORGANIZATION

JANUARY

SEA LEVEL PRESSURE (MBS) - MEANS



Explanation on back cover

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PREFACE

Monthly Climatic Data for the World is currently sponsored by the World Meteorological Organization (WMO) in accordance with Resolution 27 of the Second World Meteorological Congress, 1955. It is Published by the United States National Oceanic and Atmospheric Administration. Climatic data are prepared for selected stations by Members of the WMO and exchanged monthly via international telecommunications under the provisions of Regulation (A.2.4) 3.1.1 of the WMO Technical Regulations and WMO Publications No. 306 - Manual on Codes; and No. 386 - Manual on the Global Telecommunications System. Codes used are CLIMAT, CLIMAT SHIP, CLIMAT TEMP, and CLIMAT TEMP SHIP. Confirmation copies received by mail are also used in compiling the tables.

REFERENCE NOTES

SURFACE DATA TABLE

Station: The location and elevation (Hp) of stations are given in WMO Publication No. 9, Volume A - Stations. Stations under the control of the UNITED KINGDOM: Elevations are furnished by the UNITED KINGDOM METEOROLOGICAL SERVICE.

Pressure: Monthly mean pressure at station level (all U. S. stations have Hpc correction) and mean sea level, except: U = See Upper Air Data; Y = Height of 850 mb surface in gpm; Z = Height of 700 mb surface in gpm.

Temperature: Monthly mean temperature and departure from normal value. "S" indicates Sea Surface Temperature.

Vapor Pressure: Monthly mean vapor pressure and departure from normal value.

Precipitation: Total Precipitation and departure from normal value for the month in whole millimeters. "T" indicates an amount less than 0.5 millimeter.

Quintile: Indications of the frequency group within which the precipitation falls. When the total of precipitation is given as zero, the quintile value given is the highest number of quintile which has zero as the lower limit. A zero indicates a value less than any recorded in the reference period. A six indicates a value greater than any recorded in the reference period.

Normals: Surface departures from normal are calculated by individual WMO Members. Normals are based on 30-year averages, when available. Surface normals are published in WMO Pub No. 117.TP.52, though updated normals may be used by some Members.

UPPER AIR DATA TABLE

Time of Observations: 1 = 00 GMT; 2 = 12 GMT; 3 = 00 and 12 GMT; / = Other hours; Blank = Unknown.

Height: Monthly mean geopotential of the pressure surface in geopotential meters. "*" indicates surface pressure is expressed in millibars.

Temperature and Dew Point Depression: Monthly mean values for the pressure surface.

Wind: Direction of monthly mean vector wind in degrees, speed in meters per second. "**" indicates wind speed less than 0.5 mps.

Steadiness Factor: The ratio of the speed of the monthly mean vector wind to the speed of the monthly mean scalar wind.

Normals: Departures from normal are not shown for upper air data, but provisional normals can be obtained from WMO Pub No. 170.TP.84. A description of procedures used by Members appeared in Monthly Climatic Data for the World, 1967 Supplement --- Computation of Climat Temp Values.

Late Reports and Corrections: Carried in the first issue of this bulletin following their receipt. "M" indicates the data should be deleted.

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SURFACE DATA

JANUARY 1986

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS i MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
NORTH AMERICA															
ALASKA															
BARROW	71 18 N	156 47 W	4	31	1019.6	1020.1	-26.1	- 0.3	0.6		2	4	- 1	3	
BARTER ISLAND	70 08 N	143 38 W	15	31	1015.2	1017.4	-26.9	- 0.8	0.5		3	6	- 6	3	
KOTZEBUE	66 52 N	162 38 W	5	31	1006.1	1006.7	-19.4	0.0	2.3		5	11	+ 2	4	
NOME	64 30 N	165 26 W	7	31	1001.7	1002.4	-14.9	- 0.3				10	- 10		208
FAIRBANKS	64 49 N	147 52 W	138	31	984.4	1002.5	-18.9	+ 6.0	1.2		2	3	- 10	1	
MCGRATH	62 58 N	155 37 W	103	31	986.1	999.7	-21.1	+ 2.3	1.1		2	6	- 15	1	
BETHEL	60 47 N	161 48 W	46	31	996.0	997.0	-16.8	- 1.7	1.5		6	17	- 3	3	
ANCHORAGE	61 10 N	150 01 W	40	31	987.8	992.9	- 3.6	+ 7.0				5	- 15		92
ST. PAUL	57 09 N	170 13 W	9	31	997.5	998.4	- 5.5	- 2.3	3.6		12	28	- 17	2	
COLD BAY	55 12 N	162 43 W	31	31	988.8	992.7	- 4.2	- 2.1	3.9		14	52	- 17	2	
KING SALMON	58 41 N	156 39 W	15	31	988.8	991.0	- 8.4	+ 2.4	3.1		6	34	+ 7	4	
YAKUTAT	59 31 N	139 40 W	9	31	997.0	997.9	1.1	+ 6.0	6.3		28	651	+413	6	
ANNETTE ISLAND	55 02 N	131 34 W	34	31	1001.7	1005.7	4.9	+ 4.5				326	+ 72		
CANADA-WESTERN															
MOULD BAY	76 14 N	119 20 W	12	31	1018.8	1020.5	-35.7	- 2.2	0.2	-0.3	0	1	- 2	2	
SACHS HARBOUR	71 59 N	125 17 W	86	31	1009.2	1021.4	-31.9	- 1.5	0.3	-0.3	0	0	- 3	1	
CAMBRIDGE BAY	69 06 N	105 07 W	27	31	1013.7	1017.5	-35.2	- 0.4	0.2	-0.2	1	4	- 1	3	
COPPERMINE	67 50 N	115 08 W	22	31	1017.7	1020.9	-32.4	- 2.3	0.3	-0.3	3	6	- 3	2	350
INUVIK	68 18 N	133 29 W	68	31	1009.5	1019.0	-31.7	- 2.1	0.4	-0.4	3	10	- 8	2	29
NORMAN WELLS	65 17 N	126 48 W	73	31	1007.9	1017.9	-27.8	+ 1.1	0.5	-0.3	8	16	- 3	3	77
WHITEHORSE	60 43 N	135 04 W	703	31	918.6	1004.2	- 7.8	+12.9	3.0	+1.4	6	15	- 3	3	80
FORT NELSON	58 50 N	122 36 W	379	31	965.5	1014.3	-16.8	+ 7.0	1.5	+0.4	6	24	- 1	4	
FORT SMITH	60 01 N	111 58 W	203	31	990.0	1016.8	-21.6	+ 5.2	1.2	+0.3	7	29	+ 10	5	51
PRINCE GEORGE	53 53 N	122 41 W	691	31	929.6	1013.4	- 2.6	+ 9.5	4.2	+1.5	12	55	- 2	3	71
EDMONTON	53 34 N	113 31 W	676	31	932.7	1014.3	- 5.1	+ 9.9	3.2	+1.3	4	12	- 13	1	88
EDMONTON STONY PLAIN	53 33 N	114 06 W	766			U									
THE PAS	53 58 N	101 06 W	271	31	982.9	1018.0	-15.1	+ 7.6	1.7	+0.7	5	16	- 2	3	60
WINNIPEG INT. AP	49 55 N	97 14 W	240	31	988.3	1018.9	-13.1	+ 6.2	2.2	+0.8	2	10	- 11	2	83
REGINA	50 26 N	104 40 W	574	31	946.2	1017.7	- 8.2	+ 9.7	3.1	+1.5	4	130	- 4	3	83
VERNON	50 14 N	119 17 W	555			U									
LETHBRIDGE	49 38 N	112 48 W	920	31	905.9	1015.8	0.9	+11.2	4.0	+1.3	3	6	- 8	1	94
SANDSPIT	53 15 N	131 49 W	0	31	1003.0	1003.8	4.5	+ 2.5	8.1	+1.6	26	279	+135	6	81
PORT HARDY	50 41 N	127 22 W	22	31	1007.1	1009.8	5.5	+ 3.1	7.9	+1.3	20	385	+174	5	42
VANCOUVER INT. AP	49 11 N	123 11 W	0	31	1014.6	1014.9	6.1	+ 3.6	8.1	+1.5	20	208	+ 54	4	91
CANADA-EASTERN															
ALERT	82 30 N	62 20 W	63	31	1005.1	1014.4	-35.9	- 3.8	0.2	-0.2	0	2	- 5	1	
EUREKA	80 00 N	85 56 W	10	31	1010.8	1012.3	-41.2	- 4.8	0.1	-0.4	0	2	- 1	2	
RESOLUTE	74 43 N	94 59 W	67	31	1000.1	1009.5	-34.0	- 1.9	0.3	-0.1	0	3	0	2	
CLYDE	70 28 N	68 37 W	25	31	1001.0	1004.6	-27.4	- 0.9	0.6	-0.2	5	13	+ 3	4	
HALL BEACH	68 47 N	81 15 W	8	31	1005.7	1006.8	-31.7	- 0.7	0.5	-0.3	1	3	- 6	1	
BAKER LAKE	64 18 N	96 00 W	18	31	1013.2	1015.7	-32.0	+ 1.0	0.3	-0.1	3	9	+ 1	4	
CORAL HARBOUR	64 12 N	83 22 W	64	31	1000.1	1008.9	-29.6	+ 0.1	0.4	-0.3	4	11	+ 3	4	143
FROBISHER BAY	63 45 N	68 33 W	34	31	999.3	1003.8	-25.9	- 0.3	0.7	-0.2	9	43	+ 17	5	120
CHURCHILL	58 45 N	94 04 W	29	31	1012.9	1016.8	-25.8	+ 1.7	0.7	+0.1	9	26	+ 11	5	108
INOUCDJOUAC	58 27 N	78 07 W	8	31	1008.4	1008.8	-24.8	- 0.3	0.7	-0.3	6	17	+ 7	4	158
FORT CHIMO	58 06 N	68 25 W	37	31	1001.2	1006.1	-23.1	+ 0.2	1.0	-0.2	13	69	+ 36	5	
TROUT LAKE	53 50 N	89 52 W	222	31	989.0	1019.0	-22.4	+ 2.1	1.1	+0.2	5	20	- 5	3	
MOOSONEE	51 16 N	80 39 W	10	31	1014.5	1015.9	-21.6	- 1.2	1.2	-0.1	10	37	- 4	3	101
KAPUSKASING	49 25 N	82 28 W	229	31	987.3	1016.7	-19.9	- 1.3	1.5	0.0	8	41	- 13	2	
SEPT-ILES	50 13 N	66 16 W	55	31	1002.8	1009.8	-14.7	- 0.7	2.0	-0.1	12	136	+ 40	5	77
GOOSE	53 19 N	60 25 W	44	31	999.7	1006.0	-15.6	+ 0.8	1.8	0.0	12	77	+ 3	3	94
NORTH BAY	46 22 N	79 25 W	369	31	968.3	1015.2	-13.6	- 0.6	2.3	+0.1	13	40	- 24	1	80
MANIWAKI	46 23 N	75 58 W	170	31	992.8	1014.6	-12.8	+ 0.7	2.5	+0.2	11	50	- 5	3	107
TORONTO/MALTON INT AP	43 41 N	79 38 W	176	31	994.5	1016.2	- 5.6	+ 1.1	3.6	+0.2	6	27	- 23	1	
MONTREAL/DORVAL INT AP	45 28 N	73 45 W	30	31	1010.2	1014.8	- 9.8	+ 0.4	2.7	+0.1	13	106	+ 34	5	87
BAGOTVILLE	48 20 N	71 00 W	163	31	1013.7	1026.8	-15.1	+ 0.7	2.1	+0.2	15	114	+ 50	5	
CHATHAM	47 01 N	65 27 W	34	31	1006.9	1011.2	- 9.7	0.0	3.1	+0.3	10	113	+ 14	4	104
STEPHENVILLE	48 32 N	58 33 W	26	31	1005.6	1008.6	- 4.3	+ 0.7	4.1	+0.4	26	188	+ 73	5	86
GANDER INT AP	48 57 N	59 34 W	147	31	990.2	1009.1	- 4.8	+ 1.4	4.0	+0.4	13	73	- 36	2	107
SHEARWATER	44 38 N	63 30 W	41	31	1006.3	1012.7	- 3.1	+ 1.0	4.6	+0.4	12	133	- 10	3	89
SYDNEY	46 10 N	60 03 W	62	31	1003.8	1011.5	- 3.9	+ 0.8	4.6	+0.6	16	176	+ 27	4	110
SHELBURNE	43 43 N	65 15 W	30			U									
SABLE ISLAND	43 56 N	60 01 W	4	31	1013.5	1014.0	0.8	+ 0.7	5.9	+0.6	16	131	+ 16	2	140
ARGENTIA VTMS NFLD	47 18 N	54 00 W	15	31	1010.9	1012.8	- 1.1	+ 0.4	5.3		19	120	+ 6		
ST. JOHN'S (TORBAY)	47 37 N	52 45 W	140			U									
ST PIERRE AND MIQUELON															
ST PIERRE	46 46 N	56 10 W	5	31	1011.6	1012.2	- 1.7	+ 0.1	5.1	+0.6	12	71	- 37	2	84
UNITED STATES-NORTHWEST															
QUILLAYUTE	47 57 N	124 33 W	62	31	1005.8	1013.4	7.0	+ 3.1				409	+ 26		33
PORTLAND	45 36 N	122 36 W	12	31	1011.6	1017.2	5.8	+ 2.0				118	- 38		158
OLYMPIA	46 58 N	122 54 W	61	31	1008.5	1015.9	5.6	+ 2.7	8.6		22	308	+ 92	5	
MEDFORD	42 22 N	122 52 W	405	31	969.9	1018.2	6.7	+ 3.6				51	- 36		
SPOKANE	47 38 N	117 32 W	721	31	950.0	1020.6	- 1.1	+ 2.4				78	+ 15		123
GREAT FALLS	47 29 N	111 22 W	1115	31	887.9	1018.2	2.6	+10.0				14	- 11		73
SHERIDAN	44 46 N	106 58 W	1209	31	879.1	1019.8	0.4	+ 7.3	4.0		3	7	- 12	1	93
BISMARCK	46 46 N	100 45 W	506	31	956.4	1019.4	- 6.6	+ 7.5				9	- 4		89
RAPID CITY	44 03 N	103 04 W	966	31	902.0	1019.3	- 1.2	+ 5.0				12	+ 2		84
BOISE	43 34 N	116 13 W	871	31	926.3	1025.7	- 1.4	- 0.2				25	- 17		67

SURFACE DATA

JANUARY 1986

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
NORTH AMERICA															
UNITED STATES-NORTHWEST															
WINNEMUCCA	40 54 N	117 48 W	1322	31	871.7	1022.4	3.7	+ 4.9				8	- 14		120
ELY	39 17 N	114 51 W	1909	31	813.4	1024.6	1.3	+ 5.5				7	- 11		117
SALT LAKE CITY	40 47 N	111 57 W	1288	31	874.2	1027.6	- 1.7	+ 0.2				22	- 12		69
GRAND JUNCTION	39 07 N	108 32 W	1475	31	866.9	1027.1	1.2	+ 4.8				3	- 13		125
DENVER	39 46 N	104 52 W	1625	31	839.4	1019.2	4.6	+ 6.0				6	- 7		95
NORTH PLATTE	41 08 N	100 41 W	849	31	918.9	1021.0	- 0.2	+ 5.7				1	- 10		136
UNITED STATES-NORTHEAST															
INTERNATIONAL FALLS	48 34 N	93 23 W	361	31	973.8	1018.5	-13.5	+ 4.2				15	- 7		
DULUTH	46 50 N	92 11 W	432	31	974.7	1018.0	-11.3	+ 3.0				17	- 14		84
ST. CLOUD	45 35 N	94 04 W	318	31	979.3	1019.2	- 9.7	+ 4.2				18	- 3		
SAULT STE. MARIE	46 28 N	84 21 W	221	31	992.5	1016.2	-10.8	- 0.4				43	- 13		110
BURLINGTON	44 28 N	73 09 W	104	31	1000.6	1016.3	- 7.5	+ 1.1	3.1		10	94	+ 47	5	93
CARIBOU	46 52 N	68 01 W	146	31	987.8	1012.1	-11.2	+ 0.7	2.8		11	123	+ 64	5	
DES MOINES	41 32 N	93 39 W	294	31	987.8	1020.1	- 2.8	+ 4.6				3	- 23		122
COLUMBIA	38 49 N	92 13 W	274	31	991.8	1021.0	0.9	+ 3.4				1	- 39		115
CHICAGO O'HARE	41 59 N	87 54 W	205	31	994.2	1019.9	- 5.1	+ 0.8				10	- 31		
ST. LOUIS	38 45 N	90 22 W	172	31	1000.3	1021.4	1.6	+ 3.4				3	- 41		119
DAYTON	39 54 N	84 12 W	306	31	986.6	1020.1	- 1.6	+ 1.4				43	- 23		127
COLUMBUS	40 00 N	82 53 W	254	31	989.6	1020.4	- 1.1	+ 1.6				39	- 31		123
BUFFALO	42 56 N	78 44 W	215	31	987.8	1016.8	- 3.6	+ 1.1	3.9		10	59	- 18	2	67
NEW YORK LA GUARDIA	40 46 N	73 54 W	9	31	1005.7	1017.7	1.1	+ 1.2	3.9		8	114	+ 35	5	
BOSTON	42 22 N	71 02 W	9	31	1010.6	1015.1	- 0.3	+ 1.0				87	- 14		123
BLUE HILL OBS	42 13 N	71 07 W	195	31			- 1.8	+ 1.6				104	- 12		131
CHATHAM	41 40 N	69 58 W	16			U									
WASHINGTON DULLES	38 57 N	77 27 W	98			U									
WASHINGTON NATIONAL	38 51 N	77 02 W	20	31	1015.1	1019.3	1.9	+ 0.1	4.3		6	60	- 10	3	108
UNITED STATES-SOUTHWEST															
SACRAMENTO	38 31 N	121 30 W	8	31	1018.1	1020.5	10.8	+ 3.4				93	- 9		87
SAN FRANCISCO	37 37 N	122 23 W	5	31	1019.6	1020.4	12.1	+ 2.9				103	- 15		
OAKLAND	37 44 N	122 12 W	3			U									
SANTA MARIA	34 54 N	120 27 W	73	31	1011.2	1019.9	13.7	+ 3.3	9.3		7	24	- 38		
SAN DIEGO	32 44 N	117 10 W	9	31	1005.1	1019.1	16.1	+ 2.3	11.2		3	19	- 35	2	114
LAS VEGAS	36 05 N	115 10 W	664	31	955.3	1022.2	10.9	+ 3.9				6	- 7		96
PHOENIX	33 26 N	112 01 W	337	31	980.0	1019.6	16.3	+ 5.0				2	- 17		116
EL PASO	31 48 N	106 24 W	1194	31	891.5	1021.6	7.1	+ 0.3				0	- 9		119
ALBUQUERQUE	35 03 N	106 37 W	1620	31	853.2	1022.5	5.2	+ 3.6	3.9		1	6	- 5	3	125
WICHITA	37 39 N	97 26 W	408	31	972.1	1021.8	3.4	+ 4.7				T	- 17		158
OKLAHOMA CITY/W ROGERS WORLD	35 24 N	97 36 W	397	31	978.2	1022.3	6.4	+ 4.2	4.9		0	0	- 24	1	149
NORMAN	35 14 N	97 28 W	362			U									
ABILENE	32 25 N	99 41 W	534	31	959.9	1022.0	8.8	+ 2.5	5.1		0	0	- 24	1	131
SAN ANTONIO	29 32 N	98 28 W	242	31	997.9	1022.7	11.9	+ 1.7	8.3		4	19	- 20	1	116
VICTORIA	28 51 N	96 55 W	36			U									
BROWNSVILLE	25 54 N	97 26 W	6	31	1019.6	1021.6	16.1	+ 0.4	13.9		3	27	- 5	3	115
UNITED STATES-SOUTHEAST															
WALLOPS ISLAND	37 51 N	75 29 W	15			U									
MONETT	36 53 N	93 54 W	407			U									
NORTH LITTLE ROCK	34 50 N	92 15 W	546	31			6.2	+ 2.0	5.5		2	14	- 80	4	202
LONGVIEW	32 21 N	94 39 W	124			U									
NASHVILLE	36 07 N	86 41 W	184	31	1002.6	1022.9	2.9	+ 0.1	4.5		1	5	-109	0	130
ASHEVILLE	35 26 N	82 32 W	661	31	939.5	1020.7	1.7	- 1.0				28	- 60		127
ATLANTA	33 39 N	84 25 W	315	31	978.3	1021.2	6.3	+ 0.8	5.6		4	22	-102	0	142
WAYCROSS	31 15 N	82 24 W	46			U									
CAPE HATTERAS	35 16 N	75 33 W	3	31	1019.3	1019.9	7.1	- 0.2	1.8		8	146	+ 26	4	93
CHARLESTON	32 54 N	80 02 W	15	31	1019.6	1021.6	7.7	- 1.1	1.7		8	52	- 33		102
NEW ORLEANS	29 59 N	90 15 W	9	31	1020.8	1022.6	10.7	- 0.6	9.3		7	89	- 38	3	
BOOTHVILLE	29 20 N	89 24 W	0			U									
JACKSONVILLE	30 30 N	81 42 W	9	31	1019.9	1021.5	10.8	- 1.0				106	+ 28		107
APALACHICOLA	29 44 N	85 02 W	7			U									
WEST PALM BEACH	26 41 N	80 07 W	7			U									
MIAMI	25 49 N	80 17 W	4	31	1019.5	1020.2	18.4	- 1.1	1.7		7	128	+ 75	5	
MEXICO-NORTHERN															
EMPALME	27 55 N	110 54 W	12			U									
MONTERREY AEROP. INTL	25 52 N	100 14 W	423			U									
MEXICO-SOUTHERN															
SOCORRO IS	18 14 N	111 03 W	35			U									
MEXICO CITY INT.AP, D.F.	19 26 N	99 05 W	2234			U									
BELIZE															
BELIZE INTL. AIRPORT	17 32 N	88 18 W	5	31	1017.4	1017.9	22.3		23.4		16	235			41
COSTA RICA															
JUAN SANTAMARIA	10 00 N	84 13 W	939	31	910.6	1011.9	21.8	+ 0.1	17.3	-0.3	0	0	- 8	2	105
PUERTO LIMON	10 00 N	83 03 W	3	31	1013.2	1013.2	23.4	- 0.9	25.7	-0.3	17	327	+ 13	3	85
ADJACENT ISLANDS															
NASSAU INTL.AP BAHAMAS	25 03 N	77 28 W	7	31	1018.7	1019.5	21.0	+ 0.2	18.9	-0.2	5	26	- 18	4	93
GRAND CAYMAN, B.W.I.	19 15 N	81 25 W	6			U									
OWENS ROBERTS AP, GRAND CAYM	19 17 N	81 21 W	3			U									

SURFACE DATA

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE: MEAN STATION	PRESSURE: MEAN SEA LEVEL	TEMPERATURE: MEAN	TEMPERATURE: DEPARTURE	VAPOR PRESSURE: MEAN	VAPOR PRESSURE: DEPARTURE	PRECIPITATION: NO. OF DAYS 1 MM.	PRECIPITATION: TOTAL	PRECIPITATION: DEPARTURE	PRECIPITATION: QUINTILE	SUN-SHINE: PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
NORTH AMERICA															
ADJACENT ISLANDS															
SAN JUAN/INT., P.R.	18 26 N	66 00 W	19	31	1015.6	1017.6	24.2	- 0.5	23.5		9	55	- 21	2	123
JULIANA AP, ST. MAARTEN	18 03 N	63 07 W	9	31	1018.1	1018.6	25.2	+ 0.1	24.1	+0.2	18	98	+ 31	5	100
RAIZET, GUADELOUPE	16 16 N	61 32 W	8	31	1016.0	1016.9	24.4	+ 0.9	23.1	-1.0	19	77	- 22	3	103
LAMENTIN/MARTINIQUE	14 36 N	61 00 W	4	31	1015.0	1015.8	24.9	+ 0.5	24.2	-0.1	18	134	+ 23	2	101
GRANTLEY ADAMS AP,BARBADOS	13 04 N	59 29 W	56	31	1009.2	1015.7	25.1	- 0.3	25.0	+0.8	13	69	- 25		
HATO AP,CURACAO	12 12 N	68 58 W	67	31	1012.6	1013.5	25.9	- 0.3			9	32	- 24	2	107
SAN ANDRES,COLOMBIA	12 35 N	81 43 W	6	31	1013.4	1013.7	25.4		26.2		9	55			
PROVIDENCIA,COLOMBIA	13 22 N	81 21 W	6	31			26.1		25.8		15	69			
SOUTH AMERICA															
VENEZUELA															
MARACAIBO-LA CHINITA	10 34 N	71 44 W	65	31	1003.6	1011.3	26.1	- 0.4	24.3						92
LA CANADA(MARACAIBO)	10 31 N	71 39 W	26			U									
MARACAY-B.A. SUCRE	10 15 N	67 39 W	437	31	967.7	1011.5	24.0	+ 0.7	22.2						64
BARCELONA	10 07 N	64 41 W	7	31	1014.3	1015.1	24.4	- 0.1	22.4						90
CIUDAD BOLIVAR	08 09 N	63 33 W	48	31	1006.2	1011.5	25.2	- 1.4	23.2		2	37	+ 9		97
SAN ANTONIO DEL TACHIRA	07 51 N	72 27 W	378	31	969.6	1011.9	24.9	+ 0.2	24.5		3	9	- 4		86
MERIDA	08 36 N	71 11 W	1498	31	852.7	1524 Y	18.0	+ 0.2	16.2		7	38	- 9		92
SAN FERNANDO DE APURE	07 54 N	67 25 W	48	31	1007.6	1007.8	31.2	+ 4.7	26.4		1	1	0		94
GUYANA															
GEORGETOWN	06 48 N	58 09 W	2		1012.8	1013.2	26.5		27.5		11	53		1	120
TIMEHRI	06 30 N	58 15 W	30		1009.8	1013.3	24.8		25.6		17	75			
FRENCH GUIANA															
CAYENNE/ROCHAMBEAU	04 50 N	52 22 W	9	31	1011.7	1012.8	25.7	+ 0.5	27.9	+0.1	22	593	+172	5	77
COLOMBIA															
SANTA MARTA/SIMON BOLIVAR	11 08 N	74 14 W	14	31	1007.9	1008.4	26.7		25.0		1	1			
CARTAGENA/CRESPO	10 27 N	75 31 W	12	31	1009.2	1009.4	26.2		27.1		0	0			
BARRANQUILLA/ERNESTO CORTISS	10 54 N	74 46 W	30	31	1008.2	1009.8	26.1		26.4		0	0			
QUIBDO	05 42 N	76 38 W	73	31			26.1		29.1		26	246			
TUMACO/EL MIRA	01 34 N	78 41 W	5	31			25.1		27.1		27	555			
CUCUTA/CAMILO DAZA	07 56 N	72 31 W	317	31	976.2	1011.0	24.9		25.2		2	28			
BARRANCABERMEJA/YARIGUIES	07 01 N	73 48 W	134	31			28.3		26.8		2	54			
BUCARAMANGA/PALONEGRO	07 06 N	73 12 W	1189	31			21.1		20.6		6	107			
PEREIRA/MATECANA	04 49 N	75 48 W	1342	31	864.7		21.0		18.9		16	195			
BOGOTA/EL DORADO	04 42 N	74 08 W	2548	31	752.7		13.1		11.4		2	8			
IPIALES/SAN LUIS	00 49 N	77 38 W	2961	31			10.7		10.8		8	88			
CALI/PALMASECA	03 33 N	76 23 W	969	31	905.5		23.0		20.8		8	85			
VILLAVICENCIO/VANGUARDIA	04 09 N	73 34 W	431	31			26.4		22.1		7	36			
GAVIOTAS	04 33 N	70 55 W	167	31	989.5		27.7		22.5		3	10			
NEIVA/LA MANGUITA	02 58 N	75 18 W	443	31	950.6	998.5	27.4		23.6		6	37			
LETICIA/VASQUEZ COBO	04 10 S	69 57 W	84	31	1000.2	1009.9	25.6		28.6		27	457			
ECUADOR															
SAN CRISTOBAL/GALAPAGOS	00 54 S	89 36 W	6	31	1010.2		24.7	- 0.2	28.5	+2.1	3	20	- 50	2	120
QUITO-BODEGA	00 10 S	78 29 W	2800		727.1		14.4	+ 0.2	12.6	0.0	12	100	+ 24		65
IZOBAMBA-SANTA CATALINA	00 22 S	78 33 W	3058	31	706.5		11.6	0.0	10.9	0.0	12	186	+ 62	4	100
NUEVO ROCAFUERTE	00 55 S	75 24 W	215	31			25.2	- 0.7	27.7	-0.9	10	128	- 33		70
PORT VIEJO-GRANJA	01 02 S	80 26 W	44	31	1005.5		25.0	- 0.8	26.0	+0.8	17	284	+195	6	70
PICHILINGUE	01 06 S	79 28 W	73	31	1003.6		23.7	- 1.3	27.1	+0.4	27	625	+244	4	70
EL PUYO	01 30 S	77 57 W	950	31			20.9	+ 0.1	22.7	+1.1	18	154	-148	1	65
MILAGRO	02 07 S	79 36 W	13	31			24.3	- 1.6	27.1	+0.2		559	+328	5	80
CANAR	02 33 S	78 56 W	3120	31			11.0	- 0.2	11.1	+0.4	6	26	- 8	2	100
LOJA/LA ARGELIA	04 02 S	79 12 W	2040	31			15.5	- 0.3	13.5	+0.3	15	47	- 46	1	75
PERU															
TUMBES	03 33 S	80 24 W	27		1007.9	1009.8	25.9		26.3		1	5		1	
TALARA	04 34 S	81 15 W	90		1001.3	1011.4	24.5		22.1		2	6		5	
CHICLAYO	06 47 S	79 50 W	34		1008.2	1011.3	23.8		20.9		5	7		5	
TRUJILLO	08 06 S	79 02 W	30		1009.0	1012.0	20.9		17.8		0	0		1	
CHIMBOTE	09 10 S	78 31 W	21		1010.1	1011.3	22.4				0	0		1	
LIMA-CALLAO/INTL AP/	12 00 S	77 07 W	13		1010.1	1011.7	22.2		20.9		0	T		3	
PISCO	13 45 S	76 17 W	7		1009.5	1010.2	21.5		20.7		0	T		5	
SAN JUAN	15 23 S	75 10 W	60				22.4		21.9		0	0		1	
PIURA	05 11 S	80 36 W	55		1006.6	1013.0	26.4		20.6		0	0		1	
YURIMAGUAS	05 54 S	76 05 W	184		992.6	1013.8	27.6		28.0		7	156		1	
CHACHAPOYAS	06 13 S	77 50 W	2435		752.9	762.9	13.7		19.1		4	124		3	
HUANUCO	09 54 S	75 45 W	1860		816.0		20.9		18.3		6	26		1	
AYACUCHO	13 08 S	74 13 W	2749		732.6		17.7		12.1		14	105		1	
CUZCO	13 33 S	71 59 W	3249		687.7		11.8		7.3		20	207		4	
AREQUIPA	16 19 S	71 33 W	2520		752.2		14.5		11.3		6	61		5	
TACNA	18 04 S	70 18 W	458		961.3	1013.7	11.0		19.6		0	0		1	
MOYOBAMBA	06 02 S	76 58 W	832		917.6		23.6		23.3		4	41		1	
TARAPOTO	06 27 S	76 23 W	282		981.0	1011.6	27.4		26.2		6	42		1	
JUANJUI	07 13 S	76 43 W	363		977.4	1016.2	27.5		27.7		2	28		1	
TINGO MARIA	09 08 S	75 57 W	665		939.7	1010.6	24.3		25.1		25	387		3	
PUCALLPA	08 25 S	74 36 W	149		992.7	1009.7	25.7		28.0		11	153		4	

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
SOUTH AMERICA															
BOLIVIA															
COBIJA	11 05 S	68 52 W	252	31			26.6	+ 0.8	21.7	+0.7	12	122	-121	1	
RIBERALTA	11 01 S	66 07 W	135	31		1006.1	28.3	+ 1.5	22.0	+0.8	18	210	- 63	2	
SAN JOAQUIN	13 04 S	64 40 W	140	31			27.6	+ 0.8	20.8		13	148	- 92	1	
MAGDALENA	13 20 S	64 09 W	141	30		1008.3	28.0	+ 0.8	22.2	+1.0	5	246	+ 3	4	
RURRENABAQUE	14 29 S	67 29 W	202	31		1006.2	27.3	+ 0.5	21.8	+0.1	13	230	- 84	2	
TRINIDAD	14 51 S	64 57 W	157	31		1013.1	28.0	+ 0.8	21.9	+0.7	15	173	-126	1	
CONCEPCION	16 15 S	62 06 W	497	29		1011.2	24.5	- 1.1	19.4	+0.2	14	170	- 7	3	
SAN IGNACIO DE VELASCO	16 22 S	60 57 W	413	30		1007.9	26.7	+ 0.9	20.0	+1.8	10	114	- 84	2	
SANTA CRUZ	17 48 S	63 10 W	414	31		1008.5	26.9	+ 0.3	20.0	+1.1	11	209	+ 27	4	
ROBORE	18 19 S	59 45 W	265	30		1007.7	29.6	+ 1.3	18.8	-0.6	11	150	- 19	3	
POTOSI	19 32 S	65 43 W	3934	24	642.0		11.2	+ 0.9	5.3	-0.2	4	32	- 73	1	
CAMIRI	20 03 S	63 34 W	810	30		1006	26.7	+ 0.8	17.9	+1.0	3	83	- 97	1	
TARIJA	21 32 S	64 43 W	1875	31	818		23.6	+ 2.2	13.0	+0.9	9	58	- 88	1	
YACUIBA	22 01 S	63 42 W	643	30		1003	27.4	+ 0.5	19.8	+2.4	7	241	+ 41	4	
LA PAZ/ALTO	16 31 S	68 11 W	4071	31	626.4		10.0	+ 1.4	6.1	+0.2	18	94	- 39	2	
ORURO	18 03 S	67 04 W	3702	31	652.9		14.2	+ 1.3	7.0	+1.2	8	35	- 48	1	
COCHABAMBA	17 27 S	66 06 W	2548	31	749.1		20.4	+ 1.1	10.3	+0.8	12	144	+ 19	4	
SUCRE	19 01 S	65 16 W	2903	31	719.7		17.8	+ 1.0	9.1	-2.8	9	39	-115	1	
PUERTO SUAREZ	19 00 S	57 44 W	135	30		1001.1	29.2	+ 1.6	21.1	+0.3	4	30	-134	1	
BRAZIL-NORTHERN															
BOA VISTA	02 49 N	60 39 W	90	31			27.8	0.0	28.5	+1.7	5	20	- 55	2	
COARI	04 05 S	63 05 W	46	31	1003.6	1008.7	23.5	- 1.7	25.2	-3.0	20	320	+ 4	3	
MANAUS	03 08 S	60 01 W	72	31	1002.7	1011.0	25.6	- 0.3	28.5	-1.1	20	253	- 23	3	
MANAUS AERO PONTA PELADA	03 09 S	59 59 W	84			U									
BENJAMIN CONSTANT	04 23 S	70 02 W	65	31	1002.7	1011.0	25.6		28.5		20	253		2	
CRUZEIRO DO SUL	07 38 S	72 40 W	170	31	986.9	1006.2	24.8	+ 0.4	28.6	+1.2	15	152	- 94	1	
PORTO VELHO/AEROPORTO	08 46 S	63 55 W	105	31	1000.7	1007.6	25.4	+ 0.4	29.3	+1.4	21	337	- 1	3	
VILHENA /AEROPORTO/	12 44 S	60 08 W	652	31	941.9	1009.5	23.2		26.2		25	294			
RIO BRANCO	09 58 S	67 48 W	136	31			25.3		29.0		22	283			
SAO FELIX DO XINGU	06 38 S	51 58 W	150	31	990.1	1011.6	24.8		27.3		18	235			
BELEM	01 27 S	48 28 W	24	31	1010.6	1011.2	25.6	0.0	30.3	+1.3	21	178	-140	0	
BELEM/AERO VAL DE CAS	01 23 S	48 29 W	16			U									
SAO LUIZ	02 32 S	44 17 W	51	31	1004.9	1010.6	25.9		29.3		15	343		5	
FORTALEZA	03 44 S	38 33 W	19	31	1007.9	1011.0	26.0		28.5		13	144		5	
NATAL	05 55 S	35 15 W	49			U									
CONCEICAO DO ARAGUAIA	08 15 S	49 12 W	160	31			24.9	0.0			18	147	-105	1	
CAROLINA	07 20 S	47 28 W	192	31	989.2	1013.3	25.1		27.6		22	414		5	
BARRA DO CORDA	05 30 S	45 16 W	153	31	992.2	1012.0	25.2	- 0.5	28.5	+1.1	14	138	- 47	2	
FLORIANO	06 46 S	43 01 W	123	31	996.1	1011.9	26.1		27.5		12	94			
QUIXERAMOBIM	05 12 S	39 18 W	211	31	986.6	1010.5	27.0	- 2.0	22.6	+0.2	5	19	- 24	3	
PORTO NACIONAL	10 31 S	48 43 W	250	31	984.9	1011.7	25.3	+ 0.1	26.7	+0.1	17	188	- 86	2	
BOM JESUS DA LAPA	13 16 S	43 25 W	440	31	961.4	1012.4	24.6		26.1		13	140			
PETROLINA	09 23 S	40 29 W	370	31	969.4	1010.6	26.7		22.8		3	9			
RECIFE /CURADO/	08 03 S	34 55 W	7	31	1011.7	1012.7	26.9	- 0.1	26.8	-0.3	11	48	+ 8	4	
ARACAJU	10 55 S	37 03 W	6	31	1010.9	1011.6	27.5	+ 1.0	27.0	+0.4	8	100	+ 57	5	
SALVADOR	13 01 S	38 31 W	51	31	1005.6	1011.6	26.6	+ 0.4	28.3	+1.4	6	93	+ 17	4	
BRAZIL SOUTHERN															
CUIABA	15 33 S	56 07 W	179	31	992.0	1009.1	27.1	+ 0.6	28.1	+0.1	11	177	- 39	3	
PONTA PORA	22 32 S	55 44 W	650	31	934.2	1009.0	24.9	+ 1.5	23.7	+1.1	13	162	- 27	2	
CAMPO GRANDE	20 28 S	54 40 W	560	31	951.0	1009.5	25.0	+ 0.7	25.7	+1.1	16	199	- 30	3	
CAMPO GRANDE (AEROPORTO)	20 28 S	54 40 W	567			U									
TRES LAGOAS	20 47 S	51 38 W	313	31	972.5	1007.4	26.5	+ 0.8	26.4	+0.6	13	154	- 84	1	
GOIANIA	16 41 S	49 17 W	729	31			24.0	+ 1.3	23.9	+1.6	16	231	- 12	3	
MONTES CLAROS	16 43 S	43 52 W	646	31	940.1	1011.4	23.5		22.8		12	264		4	
BRASILIA	15 47 S	47 56 W	1158	31	886.5	1011.4	21.2		19.2		17	199			
BRASILIA/AEROPORTO/	15 52 S	47 56 W	1061			U									
BELO HORIZONTE	19 50 S	43 56 W	850	31	918.1	1012.4	23.4	+ 0.7	21.1	+0.4	19	284	+ 16	3	
CARAVELAS	17 44 S	39 15 W	3	31	1012.5	1013.0	22.7	- 2.8	26.0	-0.4	12	99	- 26	3	
CORUMBA	19 00 S	57 39 W	130	31	991.7	1009.1	27.5	+ 0.4	29.7	+1.5	12	193	+ 23	4	
JUIZ DE FORA	21 46 S	43 21 W	939	31	910.2	1011.5	21.5		21.2		13	196		2	
RIO DE JANEIRO	22 55 S	43 10 W	5	31	1011.6	1012.0	26.7	+ 0.8	27.4	+1.2	8	31	-106	1	
GALEAO	22 49 S	43 15 W	6			U									
LONDRINA	23 23 S	51 11 W	566	31	946.0	1009.4	25.0		23.6		12	181			
SAO PAULO	23 30 S	46 37 W	792	31	922.5	1010.2	23.6	+ 1.5	21.2	-0.2	14	251	+ 3	3	
SAO PAULO(AEROPORTO)	23 37 S	46 39 W	803			U									
CURITIBA	25 26 S	49 16 W	923	31	910.0	1011.9	21.5	+ 1.4	20.3	+1.1	13	245	+ 54	5	
CURITIBA (AEROPORTO)	25 31 S	49 10 W	908			U									
FLORIANOPOLIS	27 35 S	48 34 W	2	31	1010.4	1010.6	25.2				13	147		3	
ALEGRETE	29 41 S	55 31 W	121	31	994.8	1008.7			21.5	+0.6	9	198	+ 53	4	
IGUAPE	24 43 S	47 33 W	3	31	1009.3	1009.8	26.3		28.0		8	54		1	
PORTO ALEGRE	31 01 S	51 13 W	47	31	1005.0	1010.4	26.6	+ 1.8	23.4	+1.2	3	39	- 80	1	
PORTO ALEGRE (AEROPORTO)	30 00 S	51 11 W	3			U									
SANTA VITORIA DO PALMAR	33 31 S	53 22 W	6	31	1007.0	1011.2	23.4	+ 1.2	21.8	+2.2	6	100	+ 8	4	
CHILE															
ARICA	18 21 S	70 20 W	55	31	1006.7	1014.1	22.1	- 0.4	17.6	-3.7	0	0	0	5	
IQUIQUE/CAVANCHA	20 13 S	70 09 W	8	31	1008.0	1014.2	21.3	+ 0.8	17.0		0	0	0	5	
ANTOFAGASTA	23 26 S	70 27 W	140	31	1000.2	1013.3	19.6	- 0.3	17.1	-0.1	0	0	0	5	
ISLA DE PASCUA	27 10 S	109 26 W	69	31	1015.7	1021.3	23.2	+ 0.1	20.5	-2.7	11	81	- 20	3	
ISLA ROBINSON CRUSOE	33 37 S	78 50 W	30	31	1015.9	1019.5	18.0	- 0.5	14.6	-0.9	6	29	+ 5	4	

SURFACE DATA

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
SOUTH AMERICA															
CHILE															
LA SERENA	29 55 S	71 12 W	146	31	997.4	1014.2	17.2	- 1.0	15.3	-0.8	0	0	0	4	
QUINTERO	32 47 S	71 32 W	2	31			16.2	- 0.1			0	0	- 1	4	
PUNTA ANGELES	33 01 S	71 39 W	41	31	1009.1	1014.2	16.9	- 1.0			0	0	- 2	3	
VALDIVIA	39 38 S	73 05 W	19	31	1013.5	1015.7	15.0	- 2.0	12.4	-1.7	8	41	- 26	2	
PUERTO MONTT	41 26 S	73 06 W	90	31	1008.7	1016.0	14.0	- 0.9	12.5	-1.2	10	105	+ 16	4	
ISLA GUAFA	43 34 S	74 44 W	140	31	998.6	1015.5	12.4	- 0.3	12.1	-0.4	12	82	- 11	3	
PUNTA ARENAS	53 00 S	70 51 W	44	31	990.9	995.2	10.3	- 1.4	8.0	-1.5	4	12	- 23	1	
ARGENTINA-NORTHERN															
LA QUIACA OBSERVATORIO	22 06 S	65 36 W	3459	31	672.6	3116 Z	13.2	+ 0.8	9.9	+1.4	7	30	- 44	1	
JUJUY AERO	24 23 S	65 05 W	904	31	908.7	1486 Y	24.1	+ 0.5	20.5	+0.4	8	144			
SALTA AERO	24 51 S	65 29 W	1226	31	876.2	1483 Y	21.5	+ 0.4	19.5	+0.6	10	229	+ 61	5	125
TUCUMAN AERO	26 51 S	65 06 W	450	31	942.9	1006.2	25.9		24.4		13	147			
CATAMARCA AERO	28 36 S	65 46 W	454	31	953.8	1003.7	28.0	+ 0.4	19.8		7	23			
LA RIOJA AERO	29 23 S	66 49 W	429	31	956.5	1003.5	28.6	+ 2.0	20.9	+0.6	3	15	- 49	1	105
CHEPES	31 20 S	66 36 W	658	31	933.8	1005.7	27.6	+ 1.4	17.3	-0.9	4	38	- 39	1	
MENDOZA AERO	32 50 S	68 47 W	704	31	930.1	1007.0	25.5	+ 0.7	14.5	-1.0	5	15	- 15	3	105
MENDOZA OBSERVATORIO	32 50 S	68 51 W	828	31	915.8	1473 Y	23.5	- 0.1	15.0	+0.7	2	10	- 25	2	95
SAN LUIS AERO	33 16 S	66 21 W	713	31	927.9	1006.3	24.7	+ 0.4	15.6	+1.0	6	58	- 40	2	115
VILLA REYNOLDS AERO	33 44 S	65 23 W	484	31	953.8	1008.3	22.6	- 0.7	18.3	+1.4	9	113	0	4	100
CORDOBA AERO	31 19 S	64 13 W	474	31	955.1	1007.9	24.7	+ 1.2	20.8	+1.3	5	91	- 27		90
CORDOBA	31 24 S	64 11 W	425	31	960.3	1007.9	25.6	+ 1.6	19.0	+0.8	5	68	- 50	1	95
PILAR OBSERVATORIO	31 40 S	63 53 W	338	31	971.5	1009.4	24.6	+ 1.3	18.6	-0.4	6	128	- 1	3	100
RIO CUARTO AERO	33 07 S	64 14 W	421	31	961.1	1008.2	24.3	+ 1.3	20.0	+2.7	8	82	- 32	2	85
RIVADAVIA	24 10 S	62 54 W	205	31	982.2	1005.0	28.8	+ 0.8	26.0	+7.7	5	123	+ 11	3	
FORMOSA AERO	26 12 S	58 14 W	60	31	1000.2	1006.9	29.3	+ 2.0	24.7	-0.8	6	42	-114	1	100
ORAN AERO	23 09 S	64 19 W	357	31	964.6	1004.3	26.8	+ 1.6	26.3	+0.3	9	184	+ 11	3	120
SANTIAGO DEL ESTERO AERO	27 46 S	64 18 W	199	31	983.1	1005.4	27.6	+ 0.8	23.4	+1.4	6	134	+ 11	4	95
PRES. ROQUE SAENZ PENA	26 49 S	60 27 W	92	31	997.3	1007.7	27.9	+ 1.8	23.1	-0.6	6	77	- 66	1	100
RESISTENCIA AERO	27 27 S	59 03 W	52	31	998.3	1004.2	28.9	+ 2.3	22.1	-2.3	4	72	-103	1	95
CORRIENTES AERO	27 27 S	58 46 W	62	31	1001.0	1007.9	29.2	+ 3.1	21.4	-2.7	4	60	-118	1	100
POSADAS AERO	27 22 S	55 58 W	133	31	993.8	1008.7	28.3	+ 2.2	24.0	-0.4	6	94	- 56	2	80
RECONQUISTA AERO	29 11 S	59 40 W	53	31	1002.1	1008.1	28.1	+ 1.9	25.7	+1.8	6	94	- 28	2	95
CERES	29 53 S	61 57 W	88	31	997.1	1007.1	26.7	+ 0.8	22.4	+1.3	6	25	-102		110
PASO DE LOS LIBRES	29 41 S	57 09 W	70	31	1000.5	1008.5	27.7	+ 1.6	20.7	+1.3	9	132	- 10	3	105
PARANA AERO	31 47 S	60 29 W	77	31	1000.6	1009.5	25.8	+ 0.9	20.8	+0.4	9	138	+ 6	4	100
CONCORDIA AERO	31 18 S	58 01 W	38	31	1005.3	1009.7	27.7	+ 1.6	19.6	-1.3	7	112	- 11	3	
ROSARIO AERO	32 55 S	60 47 W	25	31	1004.6	1007.7	24.7	+ 0.7	21.4	+1.4	12	162	+ 34	4	90
GUALEGUAYCHU AERO	33 00 S	58 37 W	24	31	1005.5	1008.3	23.9	- 0.8	20.8	+1.7	7	75	- 49	2	90
ARGENTINA-SOUTHERN															
BARILOCHE AERO	41 09 S	71 10 W	840	31	916.5	1468 Y	12.9	+ 1.3	7.9	-1.6	3	8	- 18	2	110
MAQUINCHAO	41 15 S	68 44 W	888	30	910.6	1458 Y	16.1	- 1.2	5.9	-1.7	1	17	+ 8	4	
ESQUEL AERO	42 56 S	71 09 W	785	31	919.9	1008.9	14.1	+ 0.2	7.4	0.0	4	24	- 3	3	
SAN RAFAEL AERO	34 35 S	68 24 W	746	31	925.5	1007.1	22.9	+ 0.3	16.4	+2.6	5	25	- 19	2	90
LABOULAYE	34 08 S	63 22 W	137	31	993.5	1009.4	23.3	+ 0.5	20.2	+2.7	9	205	+ 99	5	105
JUNIN AERO	34 33 S	60 55 W	81	31	999.7	1009.0	23.4	+ 0.3	19.9	+1.7	9	298	+160	5	125
SANTA ROSA AERO	36 35 S	64 16 W	191	31	987.4	1009.3	22.4	+ 1.5	18.2	+3.2	10	202	+134	6	100
NEUQUEN AERO	38 57 S	68 08 W	270	31	978.5	1009.1	24.1	+ 0.9	9.4	+0.5	4	49	+ 35	5	95
AZUL AERO	36 44 S	59 50 W	132	31	994.3	1009.7	21.9	+ 0.7	19.8	+3.2	11	209	+109	5	95
EZEIZA AERO	34 49 S	58 32 W	20	31	1007.3	1009.5	24.2	+ 1.0	19.4	+1.2	10	108	+ 6	4	
AEROPARQUE	34 34 S	58 25 W	6	31	1009.1	1009.8	24.4	+ 0.4	22.1	+2.1	8	98	- 24	3	125
BUENOS AIRES/OBS. CENTRAL	34 35 S	58 29 W	25	31	1007.0	1009.9	25.1	+ 1.0	21.2	+2.2	9	123	- 4	4	90
TRES ARROYOS AERO	38 20 S	60 15 W	115	31	997.0	1010.3	20.9	- 0.4	16.4	+2.9	7	166	+ 92	5	95
PIGUE AERO	37 36 S	62 23 W	304	31	975.3	1010.3	19.8	- 1.3	17.0	+3.4	9	138	+ 82	6	80
COMANDANTE ESPORA B.N.	38 44 S	62 10 W	74			U									
BAHIA BLANCA AERO	38 44 S	62 11 W	83	31	999.4	1009.0	22.7	- 0.2	17.5	+4.6	8	90	+ 36	5	110
VIEDMA AERO	40 51 S	63 01 W	7	31	1007.3	1008.1	22.2		11.7		3	10			
PASO DE INDIOS	43 49 S	68 53 W		31	956.3	1008.7	18.3		8.8	+1.0	1	4			
COMODORO RIVADAVIA AERO	45 47 S	67 30 W	46	31	999.8	1005.3	19.4	+ 0.6	8.4	+0.2	0	0	- 18	0	90
PUERTO DESEADO AERO	47 44 S	65 55 W	79	27	995.1	1004.3	16.6	+ 1.5	10.4	+0.7	1	3	- 19	0	110
GOBERNADOR GREGORES AERO	48 47 S	70 10 W	358	27	959.4	1000.6	15.1	+ 0.9	6.5	+1.5	1	1	- 23	1	85
SAN JULIAN AERO	49 19 S	67 45 W	62	31	993.7	1001.0	17.1	+ 2.3	8.5	-0.1	1	40	- 15	1	
LAGO ARGENTINO AERO	50 20 S	72 18 W	220	31	974.3	1000.1	14.5	+ 1.6	6.8		1	3	- 16	1	
SANTA CRUZ AERO	50 01 S	68 34 W	111	31	986.3	999.4	15.9	+ 1.9	6.2	-1.6	2	8		1	
RIO GALLEGOS AERO	51 37 S	69 19 W	17	31	994.5	996.7	14.4	+ 1.5	7.6	-0.4	3	6	- 27	1	110
URUGUAY															
SALTO	31 23 S	57 57 W	46	31	1005.2	1009.0	27.5	+ 1.3	19.3	+1.3	7	120	+ 4	3	
MELO	32 22 S	54 11 W	93	31	998.0	1009.6	24.3	0.0	18.8	-0.7	8	138	+ 46	5	
PASO DE LOS TOROS	32 48 S	56 32 W	79	31	1000.7	1009.5	25.4	+ 0.5	18.4	-0.9	6	47	- 65	2	
MERCEDES	33 15 S	58 04 W	22	31	1007.5	1009.5	25.4	- 0.6	18.5	-0.2	8	139	+ 41	4	
TREINTA Y TRES	33 13 S	54 23 W	44	31	1004.7	1010.2	24.3	- 0.1	19.9	+1.8	6	119	+ 20	4	
COLONIA	34 27 S	57 50 W	20	31	1007.0	1009.8	24.1	- 0.2	19.7	-0.6	7	86	- 17	3	
MONTEVIDEO/PRADO	34 51 S	56 16 W	22	31	1008.3	1010.5	23.7	+ 1.2	19.2	+1.3	9	125	+ 48	4	
PUNTA DEL ESTE	34 58 S	54 57 W	16	31	1008.6	1010.4	23.2	+ 1.7	20.4	+1.3	7	87	+ 9	4	
ROCHA	34 29 S	54 18 W	22	31	1008.8	1011.1	23.1	+ 1.0	21.3	+1.2	10	172	+ 81	4	
ANTARCTICA															
BELLINGSHAUSEN	62 12 S	58 56 W	16		984.6	986.6	1.1		5.7		17	66			
RUSSKAYA	74 42 S	136 51 E	100		969.7	985.3	- 3.1		3.4		9	101			
NOVOLAZAREVSKAJA	70 46 S	11 50 E			974.8	989.8			3.2		0	0			

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
SOUTH AMERICA															
ANTARCTICA															
MOLODEZNAJA	67 40 S	45 51 E	40		984.8	989.3	- 2.3		3.2		0	2			
LENINGRADSKAJA	69 30 S	159 23 E	300		955.8	991.6	- 4.2		3.6		7	55			
EUROPE															
GREENLAND															
NORD	81 36 N	16 40 W	36	31	1008.1	1013.2	-33.7	- 5.0	0.2		3	6	- 8		
DANMARKSHAVN	76 46 N	18 46 W	12	31	1009.4	1011.1	-27.3	- 5.3	0.4		5	16	- 5		
DANMARKSHAVN	76 46 N	18 46 W	14			U									
SCORESBYSUND	70 29 N	21 58 W	66			U									
EGEDESMINDE	68 42 N	52 45 W	47	31	991.5	997.6	- 8.0	+ 6.2	2.6						
EGEDESMINDE	68 42 N	52 45 W	40			U									
GODTHAB	64 10 N	51 45 W	48	31	992.8	996.3	- 5.2	+ 2.6	3.4		11	44	- 2		
ANGMAGSSALIK	65 36 N	37 38 W	52	31	994.0	998.6	- 4.5	+ 3.0	3.3		17	97	+ 23		
ANGMAGSSALIK	65 36 N	37 38 W	50			U									
NARSSARSSUAQ	61 11 N	45 26 W	4			U									
PRINS CHRISTIAN SUND	60 02 N	43 07 W	76	31	986.1	995.7	- 3.2	+ 1.2	3.6						
ICELAND															
REYKJAVIK	64 08 N	21 54 W	61	31	988.0	995.6	- 0.5	- 0.1	4.6	-0.4	11	90	0	3	81
KEFLAVIK	63 58 N	22 36 W	54	31	988.8	995.5	- 0.3	- 0.4	5.0	-0.2	13	106	+ 1		
AKUREYRI	65 41 N	18 05 W	27	31	994.9	998.3	- 1.6	- 0.1	4.6	0.0	13	87	+ 42	5	30
HJARDARNES I HORNAFIROI/HORN	64 17 N	15 13 W	10	31	995.0	996.3	0.2		4.9		20	232			67
UNITED KINGDOM															
LERWICK	60 08 N	01 11 W	84	31	989.6	999.7	2.3	- 0.8	5.9	-1.2	21	149	+ 27	5	108
STORNOWAY	58 13 N	06 19 W	13	31	998.2	1000.0	3.5	- 0.8	6.3	-1.2	21	137	+ 30	4	111
TIREE	56 30 N	06 53 W		31	1000.9	1002.0	4.6	- 0.7	6.9	-0.8	19	154	+ 37	5	113
ABERDEEN/DYCE	57 12 N	02 13 W		31	993.8	1001.7	2.4	0.0	5.9	-0.5	17	85	+ 8	4	79
EDINBURGH AIRPORT	55 57 N	03 21 W		31	998.8	1003.3	2.4	0.0	6.0	-0.5	19	90	+ 41		92
ESKDALEMUIR	55 19 N	03 12 W		31	974.2	1004.0	0.9	- 0.5	6.0	-0.1	23	213	+ 38	4	101
LEEMING	54 18 N	01 32 W		31	1000.7	1004.7	2.8		6.3		17	64			
BELFAST/ALDERGROVE AP	54 39 N	06 13 W	68	31	996.1	1004.6	3.3	- 0.4	6.9	-0.4	19	116	+ 36	5	96
VALLEY	53 15 N	04 32 W		31	1004.5	1005.9	5.3	- 0.3	7.3	-0.8	16	96	- 3	3	94
AUGHTON	53 33 N	02 55 W	56			U									
MANCHESTER AIRPORT	53 21 N	02 16 W	75	31	996.6	1006.0	3.4	+ 0.1	6.6	-0.3	18	83	+ 6	4	161
BIRMINGHAM AP	52 27 N	01 44 W		31	994.6	1006.8	3.1	- 0.1	6.5	-0.4	14	92	+ 31		119
LONDON/GATWICK AIRPORT	51 09 N	00 11 W		31	1001.1	1008.2	3.8		7.0		18	123			
CRAWLEY	51 05 N	00 13 W	144			U									
CARDIFF-WALES AP	51 24 N	03 21 W		31	1000.1	1008.1	4.7		7.5		22	114			
BOURNEMOUTH AP	50 47 N	01 50 W		31	1007.3	1008.6	4.6		7.3		17	135			
PLYMOUTH/MOUNT BATTEN	50 21 N	04 07 W		31	1006.2	1009.6	6.7	+ 0.5	8.3	-0.1	20	173	+ 68	5	103
IRELAND															
MALIN HEAD	55 22 N	07 20 W	25	31	1000.0	1003.1	4.9	- 0.3	7.3	-0.2	27	183	+ 82		49
BELMULLET	54 14 N	10 00 W	10	31	1003.8	1005.0	5.2	- 0.6	7.6		26	123	- 6		70
DUBLIN AIRPORT	53 26 N	06 15 W	85	31	995.1	1005.5	4.5	- 0.2	7.2	0.0	19	103	+ 33		105
SHANNON AIRPORT	52 42 N	08 55 W	20	31	1005.0	1007.5	5.3	+ 0.2	7.9	+0.1	22	138	+ 43		77
CORK AIRPORT	51 51 N	08 29 W	162	31	988.5	1008.4	4.9	- 0.3	7.8		20	106	- 32		
VALENTIA OBSERVATORY	51 56 N	10 15 W	14	31	1007.1	1008.8	6.7	- 0.3	8.7	+0.4	25	161	- 3	3	73
DENMARK AND FAROE IS															
THORSHAVN	62 01 N	06 46 W	39	31	994.6	997.6	2.8	- 1.1	6.7		20	191	+ 42	4	80
THORSHAVN	62 01 N	06 46 W	55			U									
ALBORG	57 06 N	09 52 E	3	31	1002.2	1002.6	- 2.4	- 1.9	4.7		16	54	+ 9	4	
KOBENHAVN/JAEGERSBORG	55 46 N	12 31 E	40			U									
KOBENHAVN/LANDBOHOJSKOLEN	55 41 N	12 33 E	9	31	1002.4	1003.0	- 0.3	- 0.4	5.2		15	68	+ 19	5	113
RONNE	55 04 N	14 45 E	16	31	1001.6	1003.6	- 0.3	- 0.6	4.7		13	35	- 17	2	
NORWAY															
BJORNOYA	74 31 N	19 01 E	14	31	1004.8	1006.8	- 6.2	- 0.5	3.2		5	18	- 12	1	
BJORNOYA	74 31 N	19 01 E	18			U									
JAN MAYEN	70 56 N	08 40 W	9	31	1004.0	1005.2	- 5.9	- 1.9	3.3		12	44	- 19	2	
VARDO	70 22 N	31 06 E	15	31	1004.3	1006.1	- 5.3	- 1.0	3.7	-0.3	19	86	- 41	5	
SVALBARD LUFTHAVN	78 15 N	15 28 E	29	31	1005.2	1009.0	-15.5	- 3.1	1.3		10	26			
TROMSO/LANGNES	69 41 N	18 55 E	10	31	1004.6	1005.7	- 6.2	- 3.6	3.0	-1.0	9	42	- 37		190
BODO	67 16 N	14 22 E	13	31	1003.3	1005.0	- 5.8	- 3.7	2.8	-1.5	5	15	- 75	0	157
BODO	67 15 N	14 24 E	8			U									
ORLAND	63 42 N	09 36 E	7	31	1001.1	1002.3	- 4.3	- 3.5	3.5	-1.3	12	30	- 62	1	
ORLAND	63 42 N	09 36 E	10			U									
BERGEN/FLORIDA	60 23 N	05 20 E	36	31	996.7	1001.2	- 1.5	- 2.9	4.2	-1.5	11	154	- 39	3	216
STAVANGER/SOLA	58 53 N	05 38 E	9	31	1001.0	1002.1	- 2.6	- 3.3	4.2	-1.4	12	85	- 3	3	
STAVANGER/SOLA	58 52 N	05 40 E	33			U									
OSLO/BLINDERN	59 56 N	10 44 E	96	31	991.7	1003.9	- 6.7	- 2.0	2.8	-1.2	14	66	+ 17	5	128
OSLO/GARDERMOEN	60 12 N	11 05 E	204	31	978.6	1004.0	-10.4	- 3.5	2.2	-1.3	16	80	+ 21	5	
OSLO/GARDERMOEN	60 12 N	11 06 E	201			U									
SWEDEN															
KARESUANDO	68 27 N	22 30 E	327	31	966.5	1008.2	-20.4	- 6.6	1.3	-1.0	6	20	+ 1	4	150
HAPARANDA	65 50 N	24 09 E	6	31	1007.9	1008.8	-15.8	- 5.2	1.7	-1.1	10	31	- 9	2	54
STENSELE	65 04 N	17 09 E		31	972.2	1008.2	-18.5	- 6.3	1.6	-0.9	12	38	+ 8	4	
OSTERSUND/FROSON	63 11 N	14 30 E	366	31	960.4	1006.4	-13.6	- 5.7	2.1		9	32	+ 1	4	142

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
SWEDEN															
HARNOSAND	62 38 N	17 57 E	8	31	1005.3	1006.5	-11.9	- 5.7	2.6	-1.0	12	52	- 10	3	59
SUNDSVALL-HARNOSAND	62 32 N	17 27 E	6			U									
STOCKHOLM/BROMMA	59 21 N	17 57 E	22			U									
KARLSTAD FLYGPLATS	59 22 N	13 28 E	55	31	997.9	1003.7	- 6.4	- 1.9	3.7	-0.6	14	49	+ 9	4	67
JONKOPINGS AIRPORT	57 46 N	14 05 E	232	31	974.9	1002.9	- 5.1	- 1.4	4.1		16	54	+ 5	3	56
GOTEBORG/SAVE	57 47 N	11 53 E	53	31	996.2	1002.9	- 3.7	- 1.9	4.5	-0.7	15	81	+ 27	5	69
GOTEBORG/LANDVETTER	57 40 N	12 18 E	155			U									
VISBY FLYGPLATS	57 40 N	18 21 E	47	31	996.4	1002.7	- 1.6	- 1.0	4.6	-0.6	19	77	+ 24	5	14
FINLAND															
SODANKYLA	67 22 N	26 39 E	179	31	986.1	1010.2	-19.0	- 5.5	1.6	-0.8	7	26	- 1	3	72
KAJAANI	64 17 N	27 41 E	136	31	991.1	1009.1	-15.9	- 5.3	2.1	-0.8	7	24	- 10	2	34
JYVASKYLA	62 24 N	25 41 E	145	31	988.1	1007.1	-12.2	- 2.8	2.5	-1.0	11	46	+ 6	4	62
VAASA	63 03 N	21 46 E	4	31	1005.4	1006.5	-13.1	- 5.8	2.5	-1.4	11	37	+ 8	4	71
JOKIOINEN	60 49 N	23 30 E	103	31	992.1	1005.4	- 8.8	- 1.6	3.1	-0.9	10	45	+ 10	4	77
TURKU	60 31 N	22 16 E	59	31	997.1	1004.6	- 7.3	- 1.3	3.6	-0.7	13	68	+ 25	5	73
HELSINKI-VANTAA	60 19 N	24 58 E	56	31	998.1	1005.4	- 7.8	- 1.0	3.5	-0.5	16	63	+ 16	4	82
FRANCE															
LYON/SATOLAS	45 44 N	05 05 E	240			U									
BELGIUM															
UCCLE	50 48 N	04 21 E	104	31	995.6	1008.0	2.6		6.7		22	134		5	64
LUXEMBOURG															
LUXEMBOURG AP	49 37 N	06 13 E	379	31	963.8	1010.1	0.4	+ 0.5	5.8	+0.1	19	125	+ 57	5	60
SWITZERLAND															
SANTIS	47 15 N	09 21 E	2500	31	738.8	2914 Z	- 9.9	- 0.9	2.6	+0.3	20	450	+248	6	50
ZURICH/TOWN/VILLE/	47 23 N	08 34 E	569	31	945.5	1014.3	0.9	+ 1.0	5.3	+0.6	20	143	+ 69	5	108
GENEVE/COINTRIN	46 15 N	06 08 E	416	31	965.3	1016.1	1.5	+ 1.0	5.6	-0.2	14	125	+ 51	5	91
PAYERNE	46 49 N	06 57 E	491			U									
LUGANO	46 00 N	08 58 E	276	31	979.7	1013.5	3.5	+ 1.6	5.0	+0.2	7	178	+116	5	112
FEDERAL REP OF GERMANY															
MUNCHEN/OBERSCHLEISSHEIM	48 15 N	11 33 E				U									
GERMAN DEMOCRATIC REP															
GREIFSWALD	54 06 N	13 24 E	6			U									
LINDENBERG	52 13 N	14 07 E	115			U									
MEININGEN	50 34 N	10 23 E	453			U									
CZECHOSLOVAKIA															
POPRAD/GANOVCE	49 02 N	20 19 E	706			U									
HUNGARY															
MISKOLC	48 08 N	20 48 E	119	31	997.0	1012.5	- 1.4	+ 2.2	4.9	+0.4	8	38	+ 6	4	129
BUDAPEST/METEOROLOGIA	47 31 N	19 02 E	129	31	996.6	1012.7	0.8	+ 2.1	4.9	+0.1	9	87	+ 45	5	147
BUDAPEST/LORINC	47 26 N	19 11 E	139	31	995.1	1012.7	0.0	+ 2.3	5.1	+0.3	10	54	+ 13	4	144
DEBRECEN	47 29 N	21 38 E	112	31	996.8	1013.1	- 0.4	+ 2.4	5.6	+1.1	13	61	+ 28	5	122
PECS	46 00 N	18 14 E	203	31	988.3	1013.6	0.6	+ 2.4	5.2	+0.3	6	47	+ 5	4	185
SZEGED	46 15 N	20 06 E	83	31	1003.2	1013.8	0.5	+ 2.7	5.3	+0.2	6	31	- 4	3	162
POLAND															
SZCZECIN	53 24 N	14 37 E	3	31	1004.4	1005.2	0.0	+ 0.4	5.3	0.0	12	49	+ 16		
GDANSK-SWIBNO	54 20 N	18 56 E	9	31	1003.7	1004.7	- 1.1	0.0	5.2	+0.2	9	46	+ 15		
POZNAN	52 25 N	16 50 E	92	31	996.1	1006.6	- 0.8	+ 0.9	5.1	+0.2	10	35	+ 6		
LEGIONOWO	52 24 N	20 58 E	96			U									
WARSZAWA-OKECIE	52 10 N	20 58 E	107	31	994.5	1008.0	- 1.5	+ 0.9	5.0	+0.3	10	32	+ 7		
BIALYSTOK	53 06 N	23 10 E	151	31	987.9	1007.0	- 2.5	+ 1.0	4.8	+0.4	14	59	+ 26		
WROCLAW II	51 06 N	16 53 E	121	31	1003.7	1008.9	- 0.5	+ 0.8	5.1	+0.3	11	29	+ 5		
WROCLAW I	51 08 N	16 59 E	116			U									
KRAKOW/BALICE	50 05 N	19 48 E	237	31	987.0	1010.4	- 1.6	+ 1.0	4.7	+0.2	13	49	+ 16		
PRZEMYSL	49 48 N	22 46 E	280	31	976.1	1011.0	- 1.2	+ 1.1	4.6	+0.3	7	33	- 1		
GIBRALTAR															
NORTH FRONT	36 09 N	05 21 W		31	1023.6	1024.0	13.2	+ 0.4	11.2	0.0	5	37	-117	3	87
PORTUGAL															
LAJES /ACORES/	38 45 N	27 05 W	54			U									
HORTA/ACORES	38 31 N	28 38 W	62	31	1024.9	1032.4	14.2	- 0.2	12.7	-0.6	5	27	- 98	0	
PONTA DELGADA/ACORES	37 45 N	25 40 W	36	31	1027.8	1032.2	14.5	+ 0.1	13.4	+0.1	6	41	- 79	1	172
SANTA MARIA /ACORES/	36 58 N	25 10 W	100	31	1020.2	1032.5	14.2	- 0.3	12.3	-1.2	6	22	- 79		
PORTO/SERRA DO PILAR	41 08 N	08 36 W	100	22	1011.9	1024.2	9.0	0.0	7.1	-2.0	15	159	0	4	71
LISBOA	38 43 N	09 09 W	95	31	1014.9	1026.4	11.5	+ 0.7	10.5	+0.1	11	52	- 59	2	96
LISBOA/GAGO CONTINHO	38 46 N	09 08 W	105			U									
CAPE VERDE															
SAL	16 44 N	22 57 W	55			U									
MADEIRA															
FUNCHAL	32 38 N	16 54 W	56	31	1020.7	1027.3	16.4	+ 0.6	12.1	-0.8	3	18	- 66	1	101

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
SPAIN															
LA CORUNA	43 22 N	08 25 W	67	31	1014.3	1022.5	10.1	+ 0.1	9.9	0.0	20	209	+ 76	5	70
VALLADOLID	41 39 N	04 45 W	696	31	935.3	1023.7	4.3	- 0.1	6.4	-0.5	12	16	- 31	2	105
MADRID/BARAJAS	40 27 N	03 35 W	582			U									
MADRID	40 25 N	03 41 W	667	31	944.6	1023.8	5.1	- 0.6	6.3	-0.9	5	11	- 38	1	115
BADAJOZ	38 53 N	06 58 W	195	31	1003.0	1024.7	7.6	- 1.6	8.9	-0.8	6	35	- 29	2	105
SEVILLA/TABLADA	37 22 N	06 00 W	14	31	1021.8	1023.5	10.3	- 0.4	9.8	-0.9	6	32	- 52	2	120
ALICANTE	38 22 N	00 30 W	82	31	1010.2	1020.1	12.1	+ 0.6	7.7	-1.5	2	7	- 12	2	120
PALMA/SON BONET	39 36 N	02 42 E	45			U									
MENORCA/MAHON	39 52 N	04 14 E	82	31	1007.0	1017.1	10.2	- 0.7	12.3	+2.0	9	34	- 30	2	120
ITALY															
UDINE/CAMPOFORMIDO	46 02 N	13 11 E	94			U									
MALTA															
LUQA	35 51 N	14 29 E		31	1008.3	1017.0	12.7	+ 0.4			10	53	- 39	2	108
YUGOSLAVIA															
ZAGREB/MAKSIMIR	45 49 N	16 02 E	128			U									
BEOGRAD/ZELENO BRDO	44 47 N	20 32 E	243			U									
GREECE															
ATHENS/HELLINIKON	37 54 N	23 44 E	15			U									
ROMANIA															
BUCURESTI/IMH	44 30 N	26 08 E	90			U									
CONSTANTA	44 13 N	28 38 E	14			U									
TURKEY															
RIZE	41 02 N	40 30 E	4	31	1016.6	1017.1	7.9	+ 1.0	7.1	+0.1	11	222	- 37	3	19
SAMSUN	41 17 N	36 20 E	44	31	1015.2	1015.6	9.4	+ 2.5	7.1	+0.3	5	28	- 53	1	
EDIRNE	41 40 N	26 34 E	48	31	1008.2	1014.0	5.7	+ 3.7	7.7	+1.4	10	82	+ 17	4	26
ISTANBUL/GOZTEPE	40 58 N	29 05 E	40	31	1010.8	1014.8	8.1	+ 2.6	8.9	+1.4	15	143	+ 54	5	22
BURSA	40 11 N	29 04 E	100	31	1003.4	1015.6	8.4	+ 3.0	7.9	+1.1	20	136	+ 39	4	29
CANAKKALE	40 08 N	26 24 E	3	31	1013.9	1014.2	9.2	+ 3.3	10.1	+2.6	13	204	+ 92		34
IZMIR	38 26 N	27 10 E	25	31	1012.0	1015.0	10.4	+ 1.8	9.6	+1.3	18	283	+142	5	36
ANTALYA	36 42 N	30 44 E	57	31	1010.5	1015.6	10.2	+ 0.2	9.5	+0.7	16	328	+ 73	4	38
KASTAMONU	41 22 N	33 46 E	799	31	921.7	1016.8	1.4	+ 2.7	5.5	+1.0	10	37	+ 10	4	13
ANKARA/CENTRAL	39 57 N	32 53 E	894	31	912.3	1017.7	3.0	+ 3.2	6.0	+0.9	11	76	+ 39	5	21
SIVAS	39 45 N	37 01 E	1285	31	871.7	1022.1	- 1.7	+ 2.5	4.3	+0.4	9	41	- 4	3	29
ERZINCAN	39 44 N	39 30 E	1215	31	880.4	1023.7	- 2.3	+ 1.1	4.3	+0.5	7	39	+ 8	4	23
ERZURUM	39 55 N	41 16 E	1758	31	810.8	1026.5	- 7.5	+ 1.1	2.9	+0.2	9	41	0	4	31
MUGLA	37 12 N	28 21 E	646	31	940.1	1016.6	6.7	+ 1.4	8.3	+1.0	20	382	+106	5	28
AFYON	38 45 N	30 32 E	1034	31	897.2	1017.3	3.5	+ 3.2	6.2	+1.0	13	52	+ 2	3	28
ISPARTA	37 45 N	30 33 E	997	31	901.4	1017.7	3.6	+ 1.9	6.2	+0.6	7	70	- 23	3	28
KONYA	37 58 N	32 33 E	1022	31	897.8	1018.0	3.4	+ 3.6	5.9	+0.8	6	33	- 8	3	38
URFA	37 08 N	38 46 E	547	31	953.7	1018.8	6.6	+ 1.3	7.0	+0.5	11	54	- 52		34
MALATYA/ERHAC	38 26 N	38 05 E	849	31	905.8	1025.7	1.5	+ 2.7	5.5	+0.8	6	26	- 18	2	28
DIYARBAKIR	37 53 N	40 11 E	677	31	940.9	1020.3	3.3	+ 1.8	6.0	+0.4	8	32	- 47	1	34
VAN	38 27 N	43 19 E	1661	31	826.6	1023.4	- 3.9	+ 0.5	3.1	-0.5	6	33	- 12		35
USSR															
MURMANSK	68 58 N	33 03 E	46		1001.8	1008.5	-13.8		2.1		7	34		5	5
KANIN NOS	68 39 N	43 18 E			1001.7	1008.1	-10.0		2.7		9	24		2	
ARKHANGELSK	64 35 N	40 30 E	13		1010.2	1011.2	-18.0		2.2		9	36		5	
REBOLY	63 49 N	30 49 E	181		985.6	1009.6	-15.0		2.2		15	47		5	
VYTEGRA	61 01 N	36 27 E	59		1002.6	1009.9	-11.1		3.0		11	31		2	40
LENINGRAD /TOWN/VILLE/	59 58 N	30 18 E	4		1006.3	1007.1	- 6.7		3.6		15	67		5	
KAUNAS	54 53 N	23 53 E	75		995.0	1004.7	- 3.3		4.6		19	81			50
MINSK	53 52 N	27 32 E	234		978.1	1007.3	- 4.4		4.1		18	71		6	
VELIKIE LUKI	56 23 N	30 36 E	98		994.0	1007.2	- 5.5		3.8		22	84		6	85
VOLOGDA	59 17 N	39 52 E	118		995.4	1012.4	-11.0		2.7		13	38		4	65
MOSKVA	55 45 N	37 34 E	156			U									
KAZAN	55 47 N	49 11 E	64		1003.6	1019.3	-11.4		2.6		10	35		3	65
VORONEZ	51 42 N	39 10 E	164		995.4	1014.6	- 5.4		3.8		13	68		6	85
SARATOV	51 34 N	46 02 E	156		992.9	1018.9	- 8.3		3.1		14	50		4	100
LVOV	49 49 N	23 57 E	325		970.1	1009.8	- 2.5		4.4		14	35			
KIEV	50 24 N	30 27 E	179		989.7	1010.8	- 2.7		4.3		10	58		4	
HAR KOV	49 56 N	36 17 E	152		993.8	1013.3	- 3.3		4.4		12	48		5	55
ODESSA	46 29 N	30 38 E	64		1007.3	1012.6	0.8		5.7		13	68		5	25
SIMFEROPOL	45 01 N	33 59 E	205		991.6	1013.9	3.3		6.8		16	81			60
ROSTOV-NA-DONU	47 15 N	39 49 E	77		1007.1	1015.7	0.0		5.7		13	92			
ASTRAHAN	46 16 N	48 02 E	18		1021.2	1023.9	- 1.4		4.9		5	17		4	
TBILISI	41 41 N	44 57 E	490		968.4	1020.8	3.0		5.3		3	7			100
AFRICA															
SPANISH CANARY IS															
SANTA CRUZ DE TENERIFE	28 28 N	16 15 W	46		1013.3	1017.5	17.5	- 0.3	14.2	+1.0	7	87	+ 36	5	105
ALGERIA															
BEJAIA	36 43 N	05 04 E	3		1019.9	1020.4	11.0		12.9		16	126			
SKIKDA	36 52 N	06 57 E	9		1018.3	1019.4									

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
AFRICA															
ALGERIA															
ANNABA	36 50 N	07 49 E	4		1018.5	1019.1	11.1		10.0		18	118		4	110
MILIANA	36 18 N	02 14 E	722		1022.4		7.5		7.6		11	184			45
BISKRA	34 48 N	05 44 E	88		1009.9	1205 Y	12.1		6.9		2	5			
D JELFA	34 40 N	03 15 E	1178		889.8	1517 Y	4.5		6.1		9	233			
EL OUED-GUEMAR	33 30 N	06 47 E	63		1013.4	1020.9	10.7		7.2		2	2			65
AIN SEFRA	32 46 N	00 36 W	1058		899.4	1520 Y	7.2		4.7		1	6			75
BECHAR	31 37 N	02 14 W	773		929.6	1541 Y	9.4		5.8		1	10		4	90
GHARDAIA-NOUMERATE	32 23 N	03 49 E	450		967.5	1023.0	11.0		6.6		1	1			80
HASSI-MESSOUD/OUED IRARA	31 40 N	06 09 E	143		1004.1	1021.6			6.7		1	5			
EL GOLEA	30 34 N	02 52 E	398		975.2	1022.9	9.1		5.8		0	0			80
TIMIMOUN	29 15 N	01 07 E	313		985.4	1022.9	11.0		6.2		0	0			90
ADRAR	27 53 N	00 17 W	264		989.1	1006 Y	11.7		6.3						
IN SALAH	27 12 N	02 28 E	293		996.7	1021.7	13.5		6.9			T			85
IN AMENAS	28 03 N	09 38 E	562		955.5	1021.7	10.1		4.9		0	T			85
TAMANRASSET	22 47 N	05 31 E	1378		866.6	1534 Y	11.7		2.9						
DJANET	24 33 N	09 28 E	1054		900.0	1530 Y	12.3		4.8		0	0			95
SUDAN															
DONGOLA	19 10 N	30 29 E	226	31	988.8	1015.4	17.9	- 0.1	7.6	-0.2	0	0		5	
PORT SUDAN	19 35 N	37 13 E	2	31	1013.9	1014.2	24.0	- 0.7	20.9	-0.1	3	35		5	
KHARTOUM	15 36 N	32 33 E	380	31	965.7	1009.7	23.7	- 0.3	7.0	+1.4	0	0		5	
EL OBEID	13 10 N	30 14 E	574	31	947.4	1012.3	21.5	+ 0.5	5.8	-0.2	0	0		5	
DAMAZINE	11 47 N	34 23 E	470	31	955.3	1007.7	25.5	- 0.5	8.9	-1.2	0	0		5	
MAURITANIA															
NOUADHIBOU	20 56 N	17 02 W	3		1020.5	1021.0	17.8		12.2		0	T		2	
NOUAKCHOTT	18 06 N	15 57 W	3		1017.2	1017.6	19.9		7.3		0	T			
ROSSO	16 30 N	15 49 W	6		1016.2	1019.4	22.1		4.0		0	T			
BIR MOGHREIN	25 14 N	11 37 W	360		980.4	1022.4	15.6		11.7		0	0			
ZOUERATE	22 45 N	12 29 W	343		961.3	1021.5	15.2		8.1		0	0			
BOUTILIMIT	17 32 N	14 41 W	75		1009.2	1017.9	20.1		4.2		0	T			
TIDJIKJA	18 34 N	11 26 W	402		972.4	1018.7	18.2		5.7		0	0			
KIFFA	16 38 N	11 24 W	115		1002.5	1015.9	20.9		5.1		0	0			
NEMA	16 36 N	07 16 W	269				21.5		4.7		0	0			
SENEGAL															
SAINT-LOUIS	16 03 N	16 27 W	4		1015.3	1015.8	21.1		9.8		0	0		4	
DAKAR/YOFF	14 44 N	17 30 W	24		1011.7	1015.0	18.1		13.7		0	T		4	
DIOURBEL	14 39 N	16 14 W	9		1013.4	1014.4	23.2		7.3		0	0		4	
KAOLACK	14 08 N	16 04 W	7		1014.2	1015.0	23.9		9.1		0	0		5	
ZIGUINCHOR	12 33 N	16 16 W	23		1010.5	1013.1	23.2		11.1		0	0		5	
PODOR	16 39 N	14 56 W	7		1016.3	1017.2	21.7		6.2		0	0		4	
LINGUERE	15 23 N	15 07 W	21		1012.5	1014.9	23.0		9.4		0	0		1	
MATAM	15 39 N	13 15 W	17		1013.2	1015.1	23.3		6.7		0	0		5	
TAMBACOUNDA	13 46 N	13 41 W	50		1008.2	1013.8	24.1		6.3		0	0		5	
KOLDA	12 53 N	14 58 W	10				22.9		8.9		0	0		5	
MALI															
GAO	16 16 N	00 03 W	260		984.6	1014.6	21.7		5.3		0	0			95
NARA	15 10 N	07 17 W	265		984.9	1015.2	20.5		5.3		0	0			
HOMBORI	15 20 N	01 41 W	288		981.3		22.1		5.8		0	0		5	
TOMBOUCTOU	16 43 N	03 00 W	264		984.5	1014.8	19.0		5.4		0	0		4	95
MOPTI	14 31 N	04 06 W	272		983.6	1014.5	22.0		6.9		0	0		0	
NIORO DU SAHEL	15 14 N	09 21 W	237		987.6	1014.9	20.7		7.6		0	0		0	
KAYES	14 26 N	11 26 W	47		1009.3	1014.7	22.7		6.0		0	0		1	110
KENIEBA	12 51 N	11 14 W	132		997.9	1012.9	25.6		8.4		0	0		4	105
KITA	13 04 N	09 28 W	334		975.5	1013.3	22.8		6.2		0	0		4	105
BAMAKO/SENOU	12 32 N	07 57 W	381		969.5	1012.4	23.4		6.7		0	0			
SAN	13 20 N	04 50 W	284		981.6	1013.7	22.7		7.4		0	0		4	
KOUTIALA	12 23 N	05 28 W	367		970.8	1012.3	22.3				0	0		5	
BOUGOUNI	11 25 N	07 30 W	351		973.0	1012.3	23.2		6.3		0	1			
SIKASSO	11 21 N	05 41 W	375		969.8	1012.2	22.5		7.8		0	0		4	100
NIGER															
BILMA	18 41 N	12 55 E	357		974.6	1015.7	16.8		5.6		0	0		5	100
AGADEZ	16 58 N	07 59 E	502		957.6	1014.8	19.5		4.5		0	0		5	100
N GUIGMI	14 15 N	13 07 E	286		980.2	1013.1	20.6		6.9		0	0		5	105
MAINE-SOROA	13 14 N	11 59 E	337		974.7	1013.2	21.1		4.8		0	0		5	105
ZINDER	13 47 N	08 59 E	453		962.5	1013.8	21.1		4.8		0	0		5	105
MAGARIA	12 59 N	08 56 E	403		968.9	1015.0	19.4		7.1		0	0		5	
MARADI	13 28 N	07 05 E	373		970.7	1013.0	21.1		6.0		0	0		4	100
BIRNI-N KONNI	13 48 N	05 15 E	273		981.2	1012.2	22.9		6.6		0	0		5	100
TAHOUA	14 54 N	05 15 E	391		968.9	1013.1	22.1		5.0		0	0		5	100
TILLABERY	14 12 N	01 27 E	210		988.7	1012.6	23.5		8.2		0	0		5	100
NIAMEY-AERO	13 29 N	02 10 E	234		986.7	1012.5	23.3		7.2		0	0		5	105
GAYA	11 53 N	03 27 E	203		987.4	1010.3	25.6		6.2		0	0		5	
SIERRA LEONE															
LUNGI	08 37 N	13 12 W	27	31	1005.9	1008.8	25.6	- 0.9	22.0	-4.8	0	0	- 6		
NJALA	08 06 N	12 06 W	56	31	1001.9	1008.2	24.4	- 1.7	18.1	-7.4	0	0	- 11		84
KABALA	09 35 N	11 33 W	464	31	959.5	1011.2	24.0	- 0.7	10.6	-6.8	0	0	- 7		
DARU	07 59 N	10 51 W	186	31	989.4	1010.8	23.6	- 1.5	16.9	-6.7	0	0			

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE: MEAN STATION	PRESSURE: MEAN SEA LEVEL	TEMPERATURE: MEAN	TEMPERATURE: DEPARTURE	VAPOR PRESSURE: MEAN	VAPOR PRESSURE: DEPARTURE	PRECIPITATION: NO. OF DAYS 1 MM.	PRECIPITATION: TOTAL	PRECIPITATION: DEPARTURE	PRECIPITATION: QUINTILE	SUN-SHINE: PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
AFRICA															
LIBERIA															
ROBERTS FIELD	06 15 N	10 21 W	18	31	1009.5	1010.5	25.1	- 0.9	23.4	-1.3	0	0	- 26		
BENIN															
KANDI	11 08 N	02 56 E	292	31	978.6	1011.6	21.4	- 3.6	6.9	-2.6	0	0	0	5	
NATITINGOU	10 19 N	01 23 E	461	31	960.1	1011.2	25.7	- 1.1	6.9	-2.9	0	0	- 2	5	
PARAKOU	09 21 N	02 37 E	393	31	966.8	1010.4	26.7	+ 0.3	8.9	-2.7	0	0	- 4	4	
SAVE	07 59 N	02 26 E	200	31	987.9	1010.2	27.9	- 0.1	18.2	-2.0	0	0	- 8	3	
BOHICON	07 10 N	02 04 E	167	31	991.5	1010.3	27.4	- 0.9	23.9	-0.5	0	0	- 8	2	
COTONOU	06 21 N	02 23 E	9	31	1009.6	1010.6	27.4	+ 0.2	29.0	-0.7	0	0	- 16	2	
TOGO															
DAPON	10 52 N	00 15 E	330		974.3	1011.5	26.4		4.6		0	0			
MANGO	10 22 N	00 28 E	146		994.0	1010.5	26.3		7.8		0	0		5	
SOKODE	08 59 N	01 09 E	387		966.8	1010.5	26.2		10.5		0	0		3	100
ATAKPAME	07 35 N	01 07 E	402				27.0		17.2		0	0		2	
TABLIGBO	06 35 N	01 30 E	44		1005.6	1010.7	26.8		25.6		0	0		2	
LOME	06 10 N	01 15 E	25		1007.9	1010.7	27.0		28.7		0	T		2	85
UNITED REP OF CAMEROON															
DOUALA R.S.	04 01 N	09 42 E	15			U									
KENYA															
MOYALE	03 32 N	39 03 E	1113	31			24.5	+ 0.1	12.0	-2.9	0	0	- 10	1	
ELDORET	00 32 N	35 17 E	2133	31	789.5	1477 Y	17.4	+ 0.7	9.5		2	5	- 22	2	97
NAIROBI/KENYATTA AIRPORT	01 19 S	36 55 E	1624	31	838.7	1503 Y	19.8	+ 0.3	13.0	-2.3	2	35	- 21		96
GARISSA	00 28 S	39 38 E	147	31	994.8	1011.3	29.1	+ 0.5	20.1	-3.6	0	0	- 10	2	
MALINDI	03 14 S	40 06 E	23	31	1008.0	1011.1	26.6	0.0	26.1	-1.8	0	8	- 2	4	90
ETHIOPIA															
ASMARA	15 17 N	38 55 E	2325	31	772.2		11.1		8.4						108
GONDAR	12 32 N	37 26 E	1966	31	804.5		19.6		6.6						
COMBOLCHA	11 05 N	39 43 E	1916	29	816.8		16.9		8.9						137
ADDIS ABABA	08 59 N	38 48 E	2324	31	767.6		15.5		7.5						120
DIRE DAWA	09 36 N	41 52 E	1146	31	887.4		20.6		10.6						119
GORE	08 10 N	35 33 E	1974	28			20.1		10.2		2	49			106
JIMMA	07 40 N	36 50 E	1577	31	830.3		17.8		11.4						87
ZIMBABWE															
BULAWAYO/GOETZ OBS	20 09 S	28 37 E	1344	31	866.6	1509 Y	21.3	+ 0.4	17.4	+0.7	8	139	+ 5	3	119
HARARE (BELVEDERE)	17 50 S	31 01 E	1472			U									
HARARE/KUTSAGA OBS	17 55 S	31 08 E	1480	31	853.0	1507 Y	19.7	- 0.3	17.4	+0.2	18	342	+126	5	89
CHIPINGA	20 12 S	32 37 E	1132	31	888.7	1512 Y	20.0	- 0.5	20.0	+0.5	20	373	+143	5	86
ZAMBIA															
KASAMA	10 13 S	31 08 E	1384		862.4	1506 Y	19.7		18.8		21	219		2	85
KABWE	14 27 S	28 29 E	1207		879.4	1499 Y	22.3		20.9		22	289		4	90
LUSAKA CITY AIRPORT	15 25 S	28 19 E	1280			U									
MONGU	15 15 S	23 10 E	1053		894.5	1494 Y	22.7		16.8		19	228		3	80
LIVINGSTONE	17 49 S	25 49 E	987		901.7	1497 Y	23.5		20.7		13	113		2	115
MALAWI															
KAMUZU INT.AP	13 47 S	33 46 E	1229	31	878.5	1506 Y	20.4		25.5		19	157			
CHILEKA	15 41 S	34 58 E	767	31	925.5	1501 Y	22.4	- 0.8	28.0		21	319	+114		125
MADAGASCAR															
DIEGO-SUAREZ	12 21 S	49 18 E	105	31	998.9	1010.9	25.9	- 0.1	27.7	+0.1	15	714	+429	6	94
TULEAR	23 23 S	43 44 E	8	31	1009.0	1010.0	28.3	+ 1.2	27.7	-0.2	3	27	- 59	2	116
TAMATAVE	18 07 S	49 24 E	6	31	1011.7	1012.3	25.6	- 0.4	27.8	-0.7	20	364	- 30	3	110
ANTANANARIVO/IVATO	18 48 S	47 29 E	1276	31	873.8	1513 Y	20.5	0.0	18.0	-1.0	11	153	-135	1	133
SEYCHELLES															
SEYCHELLES INTERNATIONAL AP	04 41 S	55 32 E	4			U									
MOZAMBIQUE															
LICHINGA	13 17 S	35 15 E	1365	31	864.7	1511 Y	19.3	- 1.1	19.5	0.0	25	299	+ 49		80
TETE	16 11 S	33 35 E	150	31	993.6	1010.7	26.3	- 1.9	27.8	-0.6	11	218	+ 54		89
NAMPULA	15 06 S	39 17 E	441	31	960.5	1010.3	24.6	- 1.4	25.8	+0.5	21	395	+125		93
PEMBA	12 58 S	40 30 E	50	31	999.1	1010.3	26.4	- 1.2	29.0	+0.8	15	247	+ 81		83
QUELIMANE	17 53 S	36 53 E	16	31	1009.5	1011.4	26.6	- 1.5	29.3	+1.4	17	386	+122	5	87
BEIRA	19 48 S	34 54 E	16	31	1009.5	1011.3	27.3	- 0.1	27.3	+0.2	14	348	+ 60	5	95
INHAMBANE	23 52 S	35 23 E	15	31	1011.4	1013.0	26.4	- 0.8	26.3	+1.6	10	164	+ 13	3	116
MAPUTO/MAVALANE	25 55 S	32 34 E	44	31	1009.0	1014.2	26.0	- 0.2	25.7	+1.8	12	121	- 19		118
OCEAN ISLANDS															
AGALEGA/MAURITIUS	10 26 S	56 45 E	3		1009.5	1009.8	26.5	- 0.7	29.4	-0.7	18	383	+118	5	
ILES GLORIEUSES	11 35 S	47 17 E	3	31	1011.6	1012.1	27.0		29.5		23	403			
SERGE-FROLOW/ILE TROMELIN	15 53 S	54 31 E	13	31	1008.0	1009.4	27.5		31.4		15	345			
ST. BRANDON/ST. RAPHAEL/	16 27 S	59 37 E	4		1008.7	1009.0	27.3	- 0.4	30.4	+0.5	18	265	+ 93	5	
ILE JUAN DE NOVA	17 03 S	42 42 E	10	31	1008.9	1010.1	27.6		30.1		13	293			
RODRIGUES/MAURITIUS	19 41 S	63 25 E	59		1004.6	1010.9	26.3	0.0	27.4	+0.5	11	137	+ 4	4	90
VACOAS/MAURITIUS	20 18 S	57 30 E	425			U									
PLAISANCE/MAURITIUS	20 26 S	57 40 E	57		1005.1	1011.4	25.9	0.0	27.7	+0.2	14	115	-134	2	92

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
AFRICA															
OCEAN ISLANDS															
ST. DENIS/GILLOT, REUNION	20 53 S	55 31 E	25	31	1008.7	1011.6	26.1		25.0		9	109		1	115
ILE EUROPA	22 19 S	40 20 E	13	31	1009.5	1011.0	27.3		28.7		8	227		5	95
MARTIN DE VIVIES (ILE AMSTER	37 48 S	77 32 E	29	31	1017.1	1020.5	16.1		13.6		9	36			
ALFRED FAURE (ILES CROZET)	46 26 S	51 52 E	142	31	990.9	1008.1	7.5		8.8		21	186			
PORT-AUX-FRANCAIS/KERGUELEN	49 21 S	70 15 E	30	31	999.2	1002.9	7.5		8.0		9	41			
SOUTH AFRICA															
PRETORIA/IRENE	25 55 S	28 13 E	1500			U									
ASIA															
USSR-WESTERN															
DRUJNAYA/OSTROV HEJSA/	80 37 N	58 03 E	20		1012.3	1015.3	-25.9		1.0		4	16			
OSTROV VIZE	79 30 N	76 59 E	18		1014.8	1016.3	-27.7		0.9		5	11			
MYS CELJUSKIN	77 43 N	104 17 E	13		1017.4	1019.6	-30.9		0.6		0	6			
OSTROV DIKSON	73 30 N	80 14 E	20		1009.0	1015.5	-24.8		0.9		6	17			
MYS KAMENNYJ	68 28 N	73 36 E			1014.0	1015.2	-23.5		1.0		3	14			
HOSEDA-HARD	67 05 N	59 23 E	81		1002.7	1014.0	-11.8		1.5		12	26		5	
NAR JAN-MAR	67 39 N	53 01 E	7		1011.1	1012.5	-17.4		1.7		7	21		4	5
SALEHARD	66 32 N	66 32 E	35		1014.2	1016.4	-22.5		1.1		6	17			
TARKO-SALE	64 55 N	77 49 E	27		1015.0	1019.2	-22.3		1.0		10	34			
HATANGA	71 59 N	102 28 E	24		1016.1	1020.9	-33.5		0.5		6	15			
NJAKSIMVOL	62 26 N	60 52 E	50		1012.3	1019.3	-20.5		1.2		8	27			
TURUHANSK	65 47 N	87 57 E	32		1016.7	1022.0	-23.6		0.9		18	55		6	5
ESSEJ	68 28 N	102 22 E	271		986.4	1025.5	-35.9		0.5		4	13			30
SYKTYVKAR	61 40 N	50 51 E	96		1001.0	1016.7	-13.9		2.0		16	51		5	55
HANTY-MANSIJSK	60 58 N	69 04 E	40		1015.1	1021.5	-18.5		1.4		10	36			
BOR	61 36 N	90 00 E	63		1018.7	1028.7	-22.7		1.0		11	42		5	10
TURA	64 10 N	100 04 E	186		1003.6	1030.9	-37.0		0.3		7	18		5	
ERBOGACEN	61 16 N	108 01 E	278		989.8	1031.9	-36.3		0.4		1	6			
PERM	58 01 N	56 18 E	161		998.9	1021.6	-13.1		2.3		9	28			100
SVERDLOVSK	56 48 N	60 38 E	237		986.3	1023.1	-12.1		2.2		5	14		3	110
TOBOLSK	58 09 N	68 11 E	44		1016.9	1023.5	-17.4		1.5		9	20			165
OMSK	54 56 N	73 24 E	94		1009.8	1023.6	-15.4		1.8		5	25			
KOLPASEV	58 18 N	82 54 E	76		1016.2	1026.7	-18.3		1.4						
ENISEJSK	58 27 N	92 09 E	78		1018.9	1029.1	-20.4		1.2		8	26		5	165
KRASNOJARSK	56 00 N	92 53 E	194		993.7	1030.3	-13.6		2.3		8	26			
BOGUCANY	58 25 N	97 24 E	134		1012.8	1031.4	-24.9		0.8		2	13			10
BRATSK	56 04 N	101 50 E	326		976.9	1033.6	-20.2		1.2		4	14			
KIRENSK	57 46 N	108 07 E	258		998.0	1034.5	-28.3		0.8		8	20		4	
ORENBURG	51 45 N	55 06 E	109		1008.2	1023.7	-10.0		2.8		11	33		4	75
KUSTANAJ	53 13 N	63 37 E	171		1003.8	1024.5	-12.7		2.3		17	28			
TURGAJ	49 38 N	63 30 E	123		1010.5	1026.1	-11.6		3.4		8	26			
KARAGANDA	49 48 N	73 08 E	555		958.8	1029.9	-10.6		2.3		5	19			
SEMIPALATINSK	50 21 N	80 15 E	206		1005.8	1031.8	-12.3		2.0		3	8		2	
BARNAUL	53 20 N	83 42 E	196		1005.9	1030.7	-14.8		1.8		6	25		4	125
MINUSINSK	53 42 N	91 42 E	251		999.9	1034.1	-17.8		1.4		4	10		6	
IRKUTSK	52 16 N	104 21 E	485		971.9	1034.9	-18.9		1.2		6	11			135
UST'-BARGUIZIN	53 26 N	108 59 E	457		972.2	1035.2	-23.8		0.8		1	4			
GUREV	47 01 N	51 51 E	-20		1025.3	1022.3	- 4.5		4.1		4	9			
SAM	45 25 N	56 12 E	82		1011.5	1022.9	- 3.6		4.3		2	8			
BALHAS	46 54 N	75 00 E	423		986.9	1033.1	-12.8		1.8		1	6			
KRASNOVODSK	40 02 N	52 59 E	89		1008.8	1018.9	5.0		6.5		3	8			45
ASHABAD	37 58 N	58 20 E	228		992.7	1020.9	4.8		6.9		5	27			35
CARDZOU	39 05 N	63 36 E	193		998.1	1027.6	4.3		6.2		4	10			45
ALMA-ATA	43 14 N	76 56 E	847		922.4	1027.3	- 3.0		3.6		2	11		1	40
USSR-EASTERN															
OSTROV KOTELNYJ	76 00 N	137 54 E	10		1024.3	1025.4	-32.5		0.4		0	2			
COKURDAH	70 37 N	147 53 E	48		1016.0	1025.0	-36.5		0.2		2	7			
OSTROV CETYREHSTOLBOVOJ	70 38 N	162 24 E	6		1018.6	1024.5	-31.1		0.4		0	T			
MYS SMIDTA	68 55 N	179 29 W	7		1022.0	1022.6	-28.0		0.6		9	20			
MYS UZLEN	66 10 N	169 50 W	7		1009.5	1010.5	-23.1		0.9		4	11			
ANADYR	64 47 N	177 34 E	62		1005.5	1014.0	-24.6		0.9		7	50		4	30
KORF	60 21 N	166 00 E	3		1007.4	1007.9	-14.4		1.7		4	9		1	100
OSTROV BERINGA NIKOLSKOE	55 12 N	165 59 E	6		997.4	999.2	- 2.5		4.2		12	61		3	85
PETROPAVLOVSK/KAMCATSKIJ	52 58 N	158 45 E	7		996.7	999.7	- 5.0		3.3		13	246		5	85
ICA	55 42 N	155 38 E	4		996.2	997.1	- 9.9		2.4		5	23		2	65
OHOTSK	59 22 N	143 12 E	6		1010.1	1010.8	-21.0		0.8		3	14		5	
AJAN	56 27 N	138 09 E	9		.		-20.2		0.8		7	34		5	75
NIKOLAEVSK NA AMURE	53 09 N	140 42 E	47		1006.0	1012.4	-25.6		0.7		7	25			
SIMUSIR	46 51 N	151 52 E	26		1001.6	1004.8	- 4.9		3.1		13	54			
JUZNO-SAHALINSK	46 55 N	142 44 E	31		1008.1	1011.2	-15.4		1.7		11	45			
VLADIVOSTOK	43 07 N	131 54 E	138		996.0	1020.4	-14.5		1.2		3	11			
OLENEK	68 30 N	112 26 E	127		993.9	1025.8	-39.6		0.2		6	15		5	
DZARDZAN	68 44 N	124 00 E	45		1020.4	1026.2	-41.3		0.1		3	10			
VERHOJANSK	67 33 N	133 23 E	137		1009.4	1030.5	-47.1		0.1		4	7		4	45
ZYRJANKA	65 44 N	150 54 E	43		1019.5	1025.8	-36.4		0.3		4	14		3	
UST -OLOJ	66 33 N	159 25 E	125		1006.4	1025.0	-39.2		0.2		3	7		1	
ILIRNEJ	67 20 N	168 14 E	426		974.5	1026.2	-40.4		0.2		2	6		1	10
OJMJAKON	63 16 N	143 09 E	726		926.3	1033.7	-44.6		0.1		4	10		4	65
SEJMCAN	62 55 N	152 25 E	207		994.7	1025.3	-35.1		0.3		10	26		2	

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
USSR-EASTERN															
KAMENSKOE	62 29 N	166 13 E	106		1011.1	1012.9	-24.6		0.7		5	31		3	40
VILJUJSK	63 46 N	121 37 E	107		1010.8	1027.3	-38.8		0.2		1	6		2	15
SUNTAR	62 09 N	117 39 E	124		1009.1	1028.7	-35.6		0.3		7	12		3	50
JAKUTSK	62 05 N	129 45 E	103		1013.7	1028.9	-41.0		0.2		1	6		3	25
ALDAN	58 37 N	125 22 E	682		937.1	1030.0	-29.7		0.4		13	25		5	85
BOGDARIN	54 28 N	113 35 E	995		909.1	1031.1	-30.4		0.4		0	T		2	
CITA	52 01 N	113 20 E	685		943.0	1033.4	-24.4		0.7		0	2		3	85
MOGOCA	53 44 N	119 47 E	619		944.3	1029.2	-26.9		0.6		4	5			
KALAKAN	55 07 N	116 45 E	613		949.2	1036.0	-35.6		0.3		0	T		2	
BOMNAK	54 43 N	128 56 E	357		973.0	1022.9	-30.0		0.4		1	6		4	115
IM. POLINY OSIPENKO	52 25 N	136 30 E	73		1006.4	1016.8	-30.1		0.5		5	19			
BLAGOVESCENSK	50 16 N	127 30 E	137		1003.2	1021.3	-22.1		0.8		0	1		1	
HABAROVSK	48 31 N	135 10 E	72		1004.5	1017.0	-22.2		0.8		3	9		4	115
HONG KONG															
ROYAL OBSERVATORY	22 18 N	114 10 E	62	31	1013.7	1021.2	15.9	+ 0.3	12.1	-0.8	0	T	- 27	1	150
KINGS PARK	22 19 N	114 10 E	66			U									
DEM PEOPLE'S REP OF KOREA															
CHUN GGANG	41 47 N	126 53 E	332		982.5	1026.4	-18.0		1.3		4	8		3	
HYESAN	41 24 N	128 10 E	714		932.3	1024.1	-18.4		1.2		2	56			
KIMCHAEK	40 40 N	129 12 E	23		1016.5	1019.5	- 6.2		2.4		5	15			
SINUIJU	40 06 N	124 23 E	7		1024.9	1025.8	- 9.1		2.1		6	11		5	
WONSAN	39 11 N	127 26 E	36		1017.1	1021.8	- 4.5		2.3		6	23		4	
PYONGYANG	39 02 N	125 47 E	38		1020.0	1025.0	- 8.9		2.6		7	14		3	
HAEJU	38 02 N	125 42 E	81		1013.9	1024.4	- 6.2		2.7		1	12		3	
REPUBLIC OF KOREA															
KANGNUNG	37 45 N	128 54 E	27	31	1017.1	1020.6	- 2.0	+ 1.6	2.7	-0.6	2	32	- 23	1	107
INCHON	37 29 N	126 38 E	70	31	1014.9	1023.9	- 5.0	+ 1.8	3.0	-0.4	1	10	- 8	3	118
PUSAN	35 06 N	129 02 E	71	31	1012.8	1021.7	1.1	- 1.1	3.5	-0.5	2	4	- 23	1	126
MOKPO	34 47 N	126 23 E	56	31	1017.6	1024.7	0.1	- 1.2	4.5	-0.4	6	26	- 10	3	137
JAPAN															
WAKKANAI	45 25 N	141 41 E	11		1008.8	1010.2	- 7.2		2.8		23	93		2	
ASAHIKAWA	43 46 N	142 22 E	116		996.2	1011.2	- 9.9		2.5		14	49		1	
ABASHIRI	44 01 N	144 17 E	43		1004.9	1010.4	- 8.0		2.6		11	62		3	
SAPPORO	43 03 N	141 20 E	19		1008.5	1010.9	- 5.8		2.9		18	121		4	
KUSHIRO	42 59 N	144 24 E	37		1005.5	1010.3	- 7.7		2.6		6	54		3	
NEMURO	43 20 N	145 35 E	26		1006.0	1009.4	- 5.8		3.2		11	140		6	
URAKAWA	42 10 N	142 47 E	33		1006.2	1010.4	- 4.1		3.2		13	32		2	
AKITA	39 43 N	140 06 E	10		1013.2	1014.5	- 1.6		4.1		25	111		2	
MIYAKO	39 39 N	141 58 E	47		1006.7	1012.6	- 1.2		3.3		2	5		1	
SENDAI	38 16 N	140 54 E	43		1008.9	1014.4	0.1		4.0		3	11		1	
WAJIMA	37 23 N	136 54 E	6		1016.1	1016.9	1.3		5.0		21	252		3	
NIIGATA	37 55 N	139 03 E	6		1015.3	1016.1	1.0		4.7		22	206		3	
KANAZAWA	36 33 N	136 39 E	28		1014.5	1017.9	1.4		5.3		25	328		4	
MATSUMOTO	36 15 N	137 58 E	611		941.8	1016.6	- 2.0		3.1		1	10		1	
MAEBASHI	36 24 N	139 04 E	113		1001.0	1015.1	1.7		3.5		1	3		1	
NAGOYA	35 10 N	136 58 E	56		1011.0	1018.0	2.7		4.5		1	19		1	
TATENO	36 03 N	140 08 E	31			U									
CHOSHI	35 43 N	140 51 E	28		1010.8	1014.3	4.7		5.0		3	31		1	
OMAEZAKI	34 36 N	138 13 E	47		1009.7	1015.5	4.6		4.5		3	49		2	
TOKYO	35 41 N	139 46 E	36		1010.2	1014.7	4.5		4.0		2	15		1	
HACHIJOJIMA	33 06 N	139 47 E	80		1005.4	1015.2	9.2		7.2		14	124		2	
HACHIJOJIMA/OMURE	33 07 N	139 47 E	153			U									
YONAGO	35 26 N	133 21 E	8		1018.4	1019.4	2.1		5.2		14	83		1	
HIROSHIMA	34 22 N	132 26 E	30		1016.6	1020.4	3.0		5.0		3	18		1	
OSAKA	34 41 N	135 31 E	50		1013.0	1019.2	4.2		4.7		1	20		1	
SHIONOMISAKI	33 27 N	135 46 E	75		1008.6	1017.8	5.9		5.1		3	33		1	
IZUHARA	34 12 N	129 18 E	22		1019.1	1021.9	3.6		4.6		2	30		2	
FUKUOKA	33 35 N	130 23 E	14		1019.9	1021.7	4.5		5.4		5	27		1	
OITA	33 14 N	131 37 E	13		1019.5	1021.1	4.3		4.9		2	17		2	
NAGASAKI	32 44 N	129 52 E	35		1017.6	1022.0	5.0		5.9		11	45		1	
KAGOSHIMA	31 34 N	130 33 E	5		1020.6	1021.3	6.0		6.4		22	68		2	
KAGOSHIMA/YOSHINO	31 38 N	130 35 E	283			U									
MIYAZAKI	31 55 N	131 25 E	7		1019.1	1020.0	5.6		5.7		5	23		2	
KOCHI	33 33 N	133 32 E	18		1017.0	1019.2	3.7		4.4		1	13		1	
SHIMIZU/ASHIZURI	32 43 N	133 01 E	33		1015.5	1019.5	6.4		5.4		5	40		1	
NAZE	28 23 N	129 30 E	7		1020.1	1021.0	13.4		9.7		13	115		1	
NAZE/FUNCHATOGE	28 23 N	129 33 E	295			U									
ISHIGAKIJIMA	24 20 N	124 10 E	7		1020.4	1021.2	16.7		12.8		12	78		2	
MIYAKOJIMA	24 47 N	125 17 E	41		1016.4	1021.3	16.1		28.4		9	64		1	
NAHA	26 14 N	127 41 E	36		1016.9	1021.2	15.0		11.1		12	105		2	
MINAMIDAITOJIMA	25 50 N	131 14 E	15		1018.0	1020.0	15.9		11.8		6	89		3	
CHICHIJIMA	27 05 N	142 11 E	4			U									
MINAMITORISHIMA	24 18 N	153 58 E	9			U									
ISRAEL															
BET DAGAN	32 00 N	34 49 E	30			U									
BEN GURION INT AP	32 00 N	34 54 E	49	31	1012.6	1017.4	12.6		10.0		7	106		2	113
JERUSALEM	31 47 N	35 13 E	809	31	930.8	1499 Y	8.4		7.5		9	94		2	112

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
ISRAEL															
EILAT	29 33 N	34 57 E	13	31	1016.2	1017.3	16.1		8.3		0	0		3	106
JORDAN															
H-4 'IRWAISHED'	32 30 N	38 12 E	688	31	938.9	1019.0	8.7	+ 0.7	6.8	+0.3	0	1	- 12	1	95
MAFRAQ	32 22 N	36 15 E	687			U									
AMMAN AIRPORT	31 59 N	35 59 E	768	31	927.8	1018.8	8.6	+ 0.4	8.2	+0.7	6	27	- 41	1	101
MA'AN	30 10 N	35 47 E	1070	31	896.2	1515 Y	8.3	+ 0.6	6.6	+0.4	0	1	- 4	1	111
KUWAIT															
KUWAIT INTL AIRPORT	29 13 N	47 59 E	55	31	1014.4	1021.4	12.6	- 0.1	8.7	-1.1	3	12	- 15		95
SAUDI ARABIA															
WEJH	26 12 N	36 28 E	21		1013.4	1015.9	19.8		12.7		0	0			
YENBO	24 09 N	38 07 E	8		1013.9	1014.6	20.5		14.6		0	0			
JEDDAH (KING ABDULAZIZ) AP	21 40 N	39 09 E	18		1012.0	1012.8	23.2		17.7		0	0			
MAKKAH	21 29 N	39 50 E	310		986.3	1021.9	23.8		17.3		0	0			
RAFHA	29 38 N	43 29 E	447		967.0	1019.7	11.0		7.6		1	6			
AL-JOUF	29 48 N	40 04 E	559		940.3	1020.7	9.4		6.9		2	2			
GIZAN	16 54 N	42 35 E	3		1012.6	1012.9	25.1		23.2		0	0			
ARAR	30 54 N	41 08 E	552		955.2	1020.2	9.1		7.2		3	79			
TABOUK	28 22 N	36 35 E	776		929.7	1019.1	11.7		6.7		1	1			
TURAIF	31 41 N	38 40 E	818		924.4	1019.6	8.0		7.1		0	0			
GURIAT	31 25 N	37 16 E	504		959.4	1019.2	9.8		7.5		0	0			
HAIL	27 26 N	41 41 E	1001		905.0	1020.6	10.4		6.1		4	30			
MADINAH	24 33 N	39 42 E	636		943.4	1015.5	18.1		7.3		0	T			
TAIF	21 29 N	40 33 E	1454		857.2	1014 Y	15.2		10.3		0	T			
KHAMIS MUSHAIT	18 18 N	42 48 E	2057		798.6	1013.2	12.8		14.8		0	0			
ABHA	18 14 N	42 39 E	2093		749.0	1510 Y	12.3		9.0						
BISHA	19 59 N	42 37 E	1163		888.8	1537 Y	25.1		8.2						
AL BAHA	20 18 N	41 38 E	1662		837.4	1532 Y	15.0		8.8						
SULAYEL	20 28 N	45 37 E	614		948.4		17.5		12.4						
KING KHALED INT AP	24 56 N	46 43 E	612		1013.9	1014.6	20.5		14.6			0			
GASSIM	26 17 N	43 51 E	650		942.9	1018.2	19.3		6.6			141			
QAISUMAH	28 20 N	46 07 E	360		977.3	1020.0	11.9		7.9		3	11			
DHAHRAN	26 16 N	50 10 E	17		1016.9	1018.9	14.9		11.9		2	12			
NEJRAN	17 37 N	44 26 E	1210		883.3	1533 Y	14.8		6.5						
OMAN															
SUR	22 35 N	59 30 E	6		1018.4	1019.1	21.4		17.6		0	T			
SEEB INTERNATIONAL AP	23 35 N	58 17 E			1017.0	1018.6	20.7		14.3		1	9			
MASIRAH	20 40 N	58 54 E			1015.8	1018.0	21.6		16.0		0	T			
SALALAH	17 02 N	54 05 E	22		1014.1	1016.8	22.1		12.3		0	0		3	
THUMRAIT	17 44 N	53 56 E			966.9		17.3		9.1		0	0			
BAHRAIN															
BAHRAIN MUHARRAQ	26 16 N	50 37 E	2	31	1019.9	1020.1	16.5	- 0.9	14.2	-0.7	2	9	- 7	3	
UNITED ARAB EMIRATES															
ABU DHABI BATEEN AP	24 26 N	54 28 E	3	31	1018.4	1018.9	18.3	- 0.6	14.7	-0.2	1	11	+ 3	4	110
ABU DHABI INT AIRPORT	24 26 N	54 39 E	27	31	1015.6	1018.4	17.4		13.6		1	13			
QATAR															
DOHA INTERNATIONAL AP	25 15 N	51 34 E	10		1018.6	1019.5	16.9		12.9		1	4			
PAKISTAN															
PARACHINAR	33 52 N	70 05 E	1726	31	828.7	1517 Y	4.7	+ 0.5	3.5	-1.2	2	11	- 71		
PESHAWAR	34 01 N	71 35 E	360	31	976.1	1018.6	11.3	+ 0.6	7.5	-0.1	2	19	- 20	2	130
ZHOB	31 21 N	69 28 E	1407	31	862.2	1507 Y	5.3	- 0.6	3.3	-1.3	1	2	- 22	1	
DERA ISMAIL KHAN	31 49 N	70 55 E	173	31	997.3	1017.7	10.6	- 1.5	7.3	-1.4	0	0	- 14	1	
SARGODHA	32 03 N	72 40 E	188			U									
JHELUM	32 56 N	73 43 E	234	31	990.1	1018.1	12.2	+ 0.3	9.7		1	9			
LAHORE CITY	31 33 N	74 20 E	215	31	992.4	1018.1	13.1	+ 0.9	9.1	-0.6	1	5	- 26	1	124
QUETTA AIRPORT	30 15 N	66 53 E	1589	31	841.4	1506 Y	3.1	- 0.9	4.1	-1.6	1	4	- 33	1	121
MULTAN	30 12 N	71 26 E	123	31	1003.6	1018.5	12.3	- 0.8	7.7	-1.5	0	0	- 7	1	
DALBANDIN	28 53 N	64 24 E	850	31	921.7	1513 Y	9.1	- 0.1	4.3	-2.6	1	10	- 15	2	
JACOBADAD	28 18 N	68 28 E	56	31	1011.1	1017.9	14.3	- 0.4	7.0	-1.5	0	0	- 8	2	107
PANJGUR	26 58 N	64 06 E	981	31	906.8	1512 Y	9.1	- 1.3	5.9	-1.0	2	3	- 21	1	
CHHOR	25 31 N	69 47 E	6	31	1014.7	1015.3			7.3		0	0			
JIWANI	25 04 N	61 48 E	57	31	1013.5	1017.1	17.8	+ 0.6	8.5	-0.4	0	0	- 4	3	
KARACHI AIRPORT	24 54 N	67 08 E	22	31	1014.1	1016.9	17.4	- 0.3	7.7	-2.6	0	0	- 8	2	105
BANGLADESH															
BOGRA	24 51 N	89 22 E	20		1013.0	1015.1	18.8		14.7		1	3			
SYLHET	24 54 N	91 53 E	35		1009.3	1013.4	19.2		15.3		2	4			
DACCA	23 46 N	90 23 E	9		1014.2	1015.3	20.1		16.0		2	6			
JESSORE	23 13 N	89 10 E	7		1015.3	1016.0			14.7		2	9			
CHITTAGONG AMBAGAN	22 21 N	91 49 E	14			U									
CHITTAGONG/PATENGA	22 16 N	91 49 E	6		1014.3	1015.2	20.4		16.3		1	2			
COX'S BAZAR	21 26 N	91 58 E	4		1014.2	1014.6	20.9		16.7		0	0			
INDIA															
SRINAGAR	34 05 N	74 50 E	1587	31	847.5	1562 Y	- 2.9	- 4.0	4.1	-1.3	2	9	- 64	0	63

SURFACE DATA

JANUARY 1986

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
INDIA															
AMRITSAR	31 38 N	74 52 E	234	31	990.3	1018.3	10.4	- 1.1	10.0	+0.1	1	2	- 35		116
MUKTESWAR KUMAON	29 28 N	79 39 E	2311	31	773.3	3120 Z	6.9	+ 1.1	5.1	+0.4	5	8	- 48	2	
BIKANER	28 00 N	73 18 E	224	31	991.7	1018.1	13.9	+ 0.3	6.6	-1.0	1	3	- 3	3	
NEW DELHI/SAFDARJUNG	28 35 N	77 12 E	216	31	991.7	1017.3	13.9	- 0.4	10.3	+1.2	1	27	+ 2	3	104
AGRA	27 10 N	78 02 E	169	31	996.9	1016.9	15.1	+ 0.3	10.3	+0.7	1	12	- 4	3	
DIBRUGARH/MOHANBARI	27 29 N	95 01 E	111	31	1003.2	1016.3	16.3	+ 1.1	14.5	-0.2	2	11	- 28	1	
JODHPUR	26 18 N	73 01 E	224	31	990.6	1015.9	17.5	+ 0.4	6.9	-0.2	0	0	- 8	3	
LUCKNOW/AMAUSI	26 45 N	80 53 E	128			U									
DARBHANGA	26 10 N	85 54 E	49	31	1009.7	1015.5			15.8	+1.7	0	0	- 20	1	
GAUHATI	26 06 N	91 35 E	54	31	1009.4	1015.7	17.5	+ 1.1	16.0	+0.8	2	3	- 8	3	
KOTA AERODROME	25 09 N	75 51 E	274	31	984.6	1016.0	17.1	+ 0.2	10.7	+3.2	2	6	+ 4		
ALLAHABAD/BAMHRAULI	25 27 N	81 44 E	98	31	1005.0	1016.5	16.3	- 0.1	12.5	+0.4	3	20	0	1	
CHERRAPUNJI	25 15 N	91 44 E	1313	31	871.3	1517 Y	11.4	- 0.3	10.1	-0.2	2	11	- 9	3	
DALTONGANJ	24 03 N	84 04 E	221	31	989.5	1015.7	16.7	- 0.2	12.1	-0.3	0	0	- 31	1	
AHMADABAD	23 04 N	72 38 E	55	31	1008.1	1014.5	20.5	+ 0.2	10.9	+1.6	0	0	- 4	4	100
SAGAR	23 51 N	78 45 E	551	31	952.5	1015.1	18.1	0.0	9.7	-0.2	1	13	- 17	3	
DWARKA	22 22 N	69 05 E	11	31	1011.5	1012.3	22.3	+ 1.8	12.7	-0.3	0	0	- 2	3	
INDORE	22 43 N	75 48 E	567	31	950.3	1014.5	18.7	+ 0.8	8.7	-1.0	0	1	- 84	3	
CALCUTTA/ALIPORE	22 32 N	88 20 E	6	31	1015.1	1015.9	19.8	- 0.4	14.8	-0.3	1	18	+ 5	4	63
CALCUTTA/DUM DUM	22 39 N	88 27 E	6			U									
NAGPUR/SONEGAON	21 06 N	79 03 E	310	31	979.4	1014.9	20.1	- 0.6	12.8	+0.1	2	24	+ 10	5	94
VERAVAL	20 54 N	70 22 E	8	31	1012.2	1013.1	22.1	+ 0.6	14.3	0.0	0	0	- 1	4	
BHUBANESWAR	20 15 N	85 50 E	46	31	1010.5	1015.7	20.9	- 0.9	15.3	-1.0	1	34	+ 19		
BOMBAY/SANTACRUZ	19 07 N	72 51 E	14			U									
JAGDALPUR	19 05 N	82 02 E	553	31	952.6	1015.0	18.6	- 1.6	12.5	-0.6	2	33	+ 28	5	
BOMBAY/COLABA	18 54 N	72 49 E	11	31	1011.3	1012.5	25.3	+ 1.0	20.1	+0.4	0	0	- 2	4	93
POONA	18 32 N	73 51 E	559	31	950.3	1013.2	20.5	+ 0.3	13.0	+1.4	0	0	- 2	4	100
HYDERABAD AIRPORT	17 27 N	78 28 E	545	31	952.9	1013.8	21.3	- 0.3	14.7	-0.6	2	36	+ 34	6	85
VISHAKHAPATNAM	17 43 N	83 14 E	3	31	1014.6	1015.0	23.3	- 0.1	17.4	-5.9	1	23	+ 16	5	
MACHILIPATNAM (FRANCHPET)	16 12 N	81 09 E	3	31	1014.0	1014.3	23.2	- 0.1	21.3	-1.4	1	45	+ 44	6	
GOA/PANJIM	15 29 N	73 49 E	60	31	1004.9	1011.7	26.3	+ 0.3	20.9		0	0	- 2	4	
BELGAUM/SAMBRA	15 51 N	74 37 E	747	31	929.5	1011.8	21.9	0.0	12.0	-0.9	0	1	+ 1		
MADRAS/MINAMBAKKAM	13 00 N	80 11 E	16	31	1011.5	1013.3	24.1	- 0.4	23.2	-0.1	7	170	+146	6	68
PANAMBUR	12 57 N	74 50 E	31			U									
BANGALORE	12 58 N	77 35 E	921	31	911.2	1517 Y	21.0	+ 0.1	15.7	+1.8	3	19	+ 16	6	81
KOZHIKODE	11 15 N	75 47 E	5	31	1010.8	1011.4	27.0	+ 0.1	24.4	-0.3	1	2	- 4	4	
PORT BLAIR	11 40 N	92 43 E	79	31	1003.1	1012.0	25.8	- 0.8	24.8	-1.0	0	0	- 40		29
COCHIN/WILLINGDON	09 57 N	76 16 E	3			U									
PAMBAN	09 16 N	79 18 E	11	31	1010.7	1012.0	26.1	+ 0.1	26.3	-0.8	4	34	- 32	2	
MINICOY	08 18 N	73 09 E	2	31	1010.6	1010.8	27.2	+ 1.1	27.4	-0.1	2	25	- 10	3	
TRIVANDRUM	08 29 N	76 57 E	64	31	1003.7	1010.9	27.5	+ 0.6	24.6	+0.1	1	2	- 17	2	
SRI LANKA															
MANNAR	08 59 N	79 55 E	3		1011.3	1011.6	26.1	+ 0.1	28.7	+2.7	10	83	- 4	3	
TRINCOMALEE	08 35 N	81 15 E	7		1002.6	1011.3	25.7	+ 0.1	28.1	+2.2	11	236	+ 45	4	
COLOMBO	06 54 N	79 52 E	7		1009.9	1010.7	26.3	+ 0.1	27.0	+1.7	6	145	+ 47	4	
HAMBANTOTA	06 07 N	81 08 E	20		1008.3	1010.0	25.5	- 0.7	27.1	-0.6	7	135	+ 34	4	
MONGOLIA															
ULAN-GOM	49 48 N	92 05 E	936		924.8						0	T			
ULGI	48 58 N	89 58 E	1714		830.4	1037.2	-15.1		1.5		0	1			
MUREN	49 38 N	100 10 E	1288		872.9	1035.6	-19.2		1.1		1	2			
BULGAN	48 48 N	103 33 E	1210		881.6	1035.6	-18.9					1			
CHOIBALSAN	48 04 N	114 30 E	756		935.3	1032.9	-19.4		1.1		0	0			
ALTAI	46 24 N	96 15 E	2147		782.9	1038.8	-25.8		1.0		0	0			
ARBAIHER	46 16 N	102 47 E	1813		815.2	1028.6	-12.5		1.3		0	0			
ULAN-BATOR	47 56 N	106 59 E	1338		874.3	1041.5	-21.8		1.3		1	1			
MANDALGOVI	45 46 N	106 17 E	1398		861.3	1033.9	-15.6		1.1		0	T			
SAINSHAND	44 54 N	110 07 E	936		913.0	1031.4	-14.3		1.1		0	T			
DALANZADGAD	43 35 N	104 25 E	1470		855.0	1033.8	-13.0		1.2		1	2			
BURMA															
MEIKTILA	20 50 N	95 50 E	220			U									
THAILAND															
UBON RATCHATHANI	15 15 N	104 52 E	127			U									
MALAYSIA															
PENANG/BAYAN LEPAS	05 18 N	100 16 E	4	31	1009.8	1010.2	26.9	0.0	26.9	+0.2	2	70	- 3	2	80
KOTA BHARU	06 10 N	102 17 E	5	31	1011.1	1011.7	25.3	- 0.3	25.7	-1.0	6	29	-150	1	65
KUALA LUMPUR/SUBANG	03 07 N	101 33 E	17	31	1007.7	1010.2	25.9	- 0.3	27.8	-0.3	12	124	- 53	2	65
KUALA LUMPUR/PETALING JAYA	03 06 N	101 39 E	57			U									
KUANTAN	03 47 N	103 13 E	16	31	1009.7	1011.5	24.3	- 0.3	26.9	+0.5	13	222	-130	2	55
MALACCA	02 16 N	102 15 E	9	31	1009.6	1010.6	25.8	- 0.1	27.1	-0.3	14	51	- 51	2	70
KUCHING	01 29 N	110 20 E	27	31	1007.2	1009.8	25.2	+ 0.1	28.6	+0.4	23	920	+258	4	95
KOTA KINABALU	05 56 N	116 03 E	7	31	1008.3	1008.6	25.9	+ 0.3	28.6	+0.9	14	209	+ 82	5	50
SINGAPORE															
SINGAPORE/CHANGI AIRPORT	01 22 N	103 59 E	16	31	1008.5	1010.3	25.7		27.5		12	308		4	75
PHILIPPINES															
BASCO	20 27 N	121 58 E	11	31	1014.9	1016.1	21.5	- 0.5	20.6	-1.4	18	157	- 15	3	

SURFACE DATA

JANUARY 1986

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
PHILIPPINES															
APARRI	18 22 N	121 38 E	4	31	1014.2	1014.5	22.5	- 0.6	23.4	0.0	15	72	- 71	1	
DAGUPAN	16 03 N	120 20 E	2	31	1012.2	1012.4	25.3	- 0.2	23.4	0.0	2	22	+ 15	5	
MANILA INT. AIRPORT	14 31 N	121 00 E	15	31	1012.3	1013.5	25.5	+ 0.6	23.4	0.0	0	0	- 14	1	
TAYABAS	14 02 N	121 35 E	158	31		1012.2	25.2	+ 0.9	20.6	-4.3		17	-135		
DAET	14 08 N	122 59 E	4	31	1012.3	1012.8	24.9	- 0.1	29.8	+3.4	27	324	+ 5	4	
CALAPAN	13 25 N	121 11 E	40	31	1008.4	1013.0	25.8	+ 0.9			21	143	+ 45		
LEGASPI	13 08 N	123 44 E	17	31	1009.5	1011.4	25.5	+ 0.4	28.1	+1.7	14	226	- 73	2	
CATARMAN	12 29 N	124 38 E	6	31	1009.1	1009.8	26.0	+ 0.9			27	757	+343		
CATBALOGAN	11 47 N	124 53 E	5	31	1009.0	1009.6	26.0	+ 0.6			16	387	+165		
ILOILO	10 42 N	122 34 E	8	31	1009.1	1010.0	26.4	+ 1.0	28.1	+1.7	7	40	- 4	3	
MACTAN	10 18 N	123 58 E	9	31	1008.4	1009.8	26.8	+ 0.3	29.8	+1.7	13	131	+ 39		
PUERTO PRINCESA	09 45 N	118 44 E	16	31	1007.9	1009.7	26.7	+ 0.6	28.1	0.0	5	41	+ 10		
DIPLOG	08 36 N	123 21 E	5	31	1009.1	1009.7	27.4	+ 1.1			27	213	+ 54	4	
TAGBILARAN	09 36 N	123 51 E	6	31	1008.7	1009.4	25.7	+ 0.1	28.1	+1.7	24	322	+212		
CAGAYAN DE ORO	08 29 N	124 38 E	6	31	1005.8	1006.5	27.6	+ 1.9			23	274	+179		
DAVAO AIRPORT	07 07 N	125 39 E	25	31	1006.5	1008.5	26.4	+ 0.4	29.8	+1.7	22	303	+188		
ZAMBOANGA	06 54 N	122 04 E	6	31	1008.0	1008.7	27.8	+ 1.7	29.8	+3.4	4	51	+ 6	1	
AUSTRALASIA															
NEW ZEALAND															
AUCKLAND AERODROME	37 01 S	174 48 E	6		1015.5	1016.3	20.7		19.5		11	201		6	89
GISBORNE AERODROME	38 40 S	177 59 E	8		1014.6	1015.6	20.9		17.2		3	28		1	98
NEW PLYMOUTH AERODROME	39 01 S	174 11 E	36		1012.0	1015.7	19.3		19.0		11	164		5	89
WELLINGTON	41 17 S	174 46 E	128		998.6	1013.8	18.8		16.7		7	161		5	104
CHRISTCHURCH AERODROME	43 29 S	172 33 E	34		1007.3	1011.5	18.5		15.3		6	41		3	109
HOKITIKA AERODROME	42 43 S	170 59 E	40		1009.3	1014.5	17.1		16.0		16	225		3	95
INVERCARGILL AERODROME	46 25 S	168 20 E	1		1010.8	1011.0	15.7		14.1		15	111		4	87
NORTH PACIFIC															
LIHUE, KAUAI, HAWAII	21 59 N	159 21 W	45	31	1010.5	1015.9	21.7	- 0.1				8	-151		110
HONOLULU, OAHU, HAWAII	21 20 N	157 56 W	5	31	1014.9	1015.4	22.7	+ 0.1				5	- 92		128
HILO/GEN. LYMAN, HAWAII	19 43 N	155 04 W	11	31	1014.2	1015.5	21.7	- 0.2				126	-114		91
WAKE ISLAND	19 17 N	166 39 E	4	31	1013.2	1013.5	25.4	+ 0.5				46	+ 17		88
GUAM, TAGUAC, MARIANA IS.	13 33 N	144 50 E	111	31	998.0	1010.7	25.6	+ 0.5				51	- 87		37
YAP, CAROLINE ISLANDS	09 29 N	138 05 E	17	31	1007.1	1008.9	27.4	+ 0.6				191	- 10		113
KWAJALEIN, MARSHALL IS.	08 44 N	167 44 E	8	31	1007.5	1008.3	27.8	+ 0.4				79	- 45		
TRUK, CAROLINE ISLANDS	07 28 N	151 51 E	2	31	1007.8	1008.0	27.7	+ 0.4				366	+153		87
KOROR, PALAU ISLANDS	07 20 N	134 29 E	33	31	1004.9	1008.7	27.6	+ 0.5				282	- 1		92
MAJURO, MARSHALL ISLANDS	07 05 N	171 23 E	3	31	1007.8	1008.0	27.3	+ 0.2				267	+ 64		74
PONAPE/POHNPEI, CAROLINE ISL	06 58 N	158 13 E	46	31	1002.0	1007.3	27.8	+ 0.7				258	- 30		62
TARAWA, GILBERT ISLANDS	01 21 N	172 55 E	4		1006.1	1006.5	28.1		31.2		22	248		3	
SOUTH PACIFIC															
FUNAFUTI, ELLICE IS.	08 31 S	179 13 E	2		1006.1	1006.3	28.3		31.0		21	542		5	
ATUONA, MARQUESAS ISLAND	09 48 S	139 02 W	52	31	1004.8	1010.7	26.4		24.6		7	34		1	120
APIA, SAMOA	13 48 S	171 47 W	2		1007.3	1007.6	26.6		30.7		22	490		5	63
PAGO PAGO, SAMOA	14 20 S	170 43 W	3	31	1007.1	1007.4	27.3	+ 0.2				632	+307		66
RANGIROA	14 58 S	147 40 W	4	31	1010.6	1011.0	27.7		27.7		18	215		3	105
TAKAROA, TUAMOTU IS.	14 29 S	145 02 W	3	31	1010.8	1011.1	27.7		29.5		15	178		2	115
PUKA-PUKA, TUAMOTU IS.	14 48 S	138 49 W	3	31	1011.5	1011.9	27.8		28.1		13	53		1	120
HAO, TUAMOTU IS.	18 04 S	140 57 W	3	31	1012.4	1012.8	27.5		29.4		15	113		2	105
HEREHERETUE, TUAMOTU IS.	19 52 S	145 00 W	3	31	1012.4	1012.8	27.3		28.6		19	152		3	85
BORA-BORA, SOCIETY IS.	16 27 S	151 45 W	3	31	1009.9	1010.2	27.6		29.7		17	195		2	110
TAHITI, SOCIETY IS.	17 33 S	149 37 W	2	31	1010.5	1010.8	27.0		27.4		15	358		4	105
NANDI, FIJI IS.	17 45 S	177 27 E	18		1005.3	1007.4	26.7		27.3		10	170		0	113
NAUSORI	18 03 S	178 34 E	7		1006.7	1007.8	26.3		28.5		20	241		2	
RAROTONGA, COOK IS.	21 12 S	159 49 W	7		1008.9	1009.7	25.8		28.0		17	270		3	82
RIKITEA, GAMBIER IS.	23 08 S	134 58 W	89	31	1006.3	1016.4	25.4		26.3		18	121		2	100
MURUROA	21 49 S	138 49 W	3	31	1014.6	1015.0	27.0		29.1		16	116		3	110
TUBAI, AUSTRAL IS.	23 21 S	149 29 W	3	31	1011.9	1012.2	25.4		29.0		21	323		5	80
RAPA, AUSTRAL IS.	27 37 S	144 20 W	2	31	1014.8	1015.1	24.2		25.8		18	423		5	90
RAOUL IS.,KERMADEC IS.	29 15 S	177 55 W	49		1010.1	1015.9	22.1		22.1		3	12		1	119
CHATHAM ISLAND	43 57 S	176 34 W	48		1010.3	1016.1	15.8		15.6		6	43		2	96
CAMPBELL ISLAND	52 33 S	169 09 E	19		1003.8	1006.1	10.2		10.5		15	83		2	98
OCEAN SHIPS STATIONS															
SHIP L	57 00 N	20 00 W		23		998.8	5.8 S 9.5		7.1						

SURFACE DATA LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
JUNE 1984															
AFRICA															
OCEAN ISLANDS															
AGALEGA/MAURITIUS	10 26 S	56 45 E	3	30	1012.6	1012.9	25.1	- 0.7	25.4	-1.2	11	72	- 18	3	
ST. BRANDON/ST. RAPHAEL/	16 27 S	59 37 E	4	30	1016.8	1017.1	23.4	- 1.0	22.9	-1.3	7	26	- 28	2	
RODRIGUES/MAURITIUS	19 41 S	63 25 E	59	30	1014.6	1020.9	21.9	- 0.9	18.9	-1.4	9	37	- 39	1	101
PLAISANCE/MAURITIUS	20 26 S	57 40 E	57	30	1014.0	1020.3	21.3	- 0.2	19.2	-1.3	12	49	- 64	1	114
JANUARY 1985															
AFRICA															
GABON															
BITAM	02 05 N	11 29 E	599	31	942.9	1008.9	23.4	- 1.2	25.7		4	49	+ 2		
MITZIC	00 47 N	11 32 E	583	31	944.5	1009.0	23.3	- 1.0	25.0		7	58	- 33		
MEKAMBO	01 01 N	13 56 E	501	31	953.7	1009.4	23.5	- 0.4	25.4		8	97	+ 20		
MAKOKOU	00 34 N	12 52 E	515	31	952.2	1009.4	23.7	- 0.6	25.3		8	92	+ 6		
LASTOURSVILLE	00 50 S	12 43 E	485	31	955.8	1009.2	24.2	+ 0.2	26.1		10	218	+ 73		
MOANDA	01 32 S	13 16 E	573	31	945.7	1009.0	23.9	- 1.9	25.1		12	193	+ 10		
LAMBARENE	00 43 S	10 14 E	26	31	1006.9	1009.7	26.2	- 0.6	30.0		11	189	+ 7		
MOUILA	01 52 S	11 01 E	89	31	999.4	1009.6	26.0	- 1.0	28.9		10	86	-165		
TCHIBANGA	02 51 S	11 01 E	79	31	981.8	1007.2	25.3	- 0.8	28.6		15	331	-155		
MAYUMBA	03 25 S	10 39 E	34	31	1005.6	1009.7	26.0	- 0.3	29.9		10	486	+270		
PORT-GENTIL	00 42 S	08 45 E	4	31	1009.2	1009.7	26.8	0.0	29.9		12	319	+ 68		
LIBREVILLE	00 27 N	09 25 E	15	31	1007.7	1009.4	27.1	+ 0.4	30.7		14	244	- 40		
COCOBEACH	01 00 N	09 36 E	13	31	1008.2	1009.6	26.3	- 0.2	30.0		12	142	- 25		
FEBRUARY 1985															
AFRICA															
GABON															
BITAM	02 05 N	11 29 E	599	28	943.3	1009.3	24.1	- 0.9	24.4		5	66	- 9		
MITZIC	00 47 N	11 32 E	583	28	944.9	1009.4	23.5	- 0.4	24.5		10	115	0		
MEKAMBO	01 01 N	13 56 E	501	28	953.9	1009.5	23.7	- 0.6	24.1		3	49	- 63		
MAKOKOU	00 34 N	12 52 E	515	28	952.6	1009.4	23.9	- 0.7	24.7		4	28	- 94		
LASTOURSVILLE	00 50 S	12 43 E	485	28	956.3	1009.7	24.6	- 0.2	25.4		5	104	- 47		
MOANDA	01 32 S	13 16 E	573	28	946.3	1009.5	24.2	- 0.5	24.5		12	101	-106		
LAMBARENE	00 43 S	10 14 E	26	28	1007.4	1010.3	26.3	- 0.9	29.0		7	87	- 61		
MOUILA	01 52 S	11 01 E	89	28	1000.2	1010.3	25.7	- 1.6	28.4		14	251	+ 26		
TCHIBANGA	02 51 S	11 01 E	79	28	983.7	1007.5	25.3	- 1.6	27.7		12	191	+ 27		
MAYUMBA	03 25 S	10 39 E	34	28	1006.1	1010.1	26.3	+ 0.1	29.2		7	132	-122		
PORT-GENTIL	00 42 S	08 45 E	4	28	1009.7	1010.2	27.3	+ 1.1	29.7		7	134	- 76		
LIBREVILLE	00 27 N	09 25 E	15	28	1008.3	1010.0	27.2	+ 0.3	26.9		11	171	-109		
COCOBEACH	01 00 N	09 36 E	13	28	1008.9	1010.4	26.9	+ 1.1	29.6		6	41	-185		
AFRICA															
GABON															
BITAM	02 05 N	11 29 E	599	31	942.1	1008.0	24.0	+ 1.1	25.4		11	162	- 32		
MITZIC	00 47 N	11 32 E	583	31	943.7	1007.8	24.2	- 0.5	25.6		6	125	- 88		
MEKAMBO	01 01 N	13 56 E	501	31	952.5	1007.7	24.6	+ 0.5	25.6		8	62	-110		
MAKOKOU	00 34 N	12 52 E	515	31	951.4	1008.2	24.7	- 0.3	25.7		12	161	- 53		
LASTOURSVILLE	00 50 S	12 43 E	485	31	955.1	1008.4	24.7	- 0.4	26.2		11	165	- 58		
MOANDA	01 32 S	13 16 E	573	31	945.1	1008.2	24.3	- 0.6	25.2		13	187	- 90		
LAMBARENE	00 43 S	10 14 E	26	31	1005.9	1008.8	26.5	- 0.8	29.8		14	284	+ 12		
MOUILA	01 52 S	11 01 E	89	31	998.7	1008.8	26.0	- 1.4	29.0		12	158	- 91		
TCHIBANGA	02 51 S	11 01 E	79	31	968.0	1005.3	26.0	- 1.3	28.9		17	242	+ 33		
MAYUMBA	03 25 S	10 39 E	34	31	1004.7	1008.7	26.4	- 0.5	30.1		15	198	- 56		
PORT-GENTIL	00 42 S	08 45 E	4	31	1008.3	1008.8	27.3	+ 0.6	30.6		13	276	- 25		
LIBREVILLE	00 27 N	09 25 E	15	31	1006.8	1008.5	27.3	+ 0.3	30.4		14	330	- 75		
COCOBEACH	01 00 N	09 36 E	13	31	1007.4	1008.9	27.0	+ 0.2	30.7		17	420	+129		
APRIL 1985															
AFRICA															
GABON															
BITAM	02 05 N	11 29 E	599	30	943.2	1009.3	23.7	- 1.3	25.5		17	260	+ 52		
MITZIC	00 47 N	11 32 E	583	30	944.9	1009.3	23.6	- 1.1	25.4		14	256	+ 55		
MEKAMBO	01 01 N	13 56 E	501	30	953.8	1009.2	24.2	+ 0.7	25.7		7	144	- 29		
MAKOKOU	00 34 N	12 52 E	515	30	952.4	1009.4	24.2	- 0.8	25.6		15	273	+ 57		
LASTOURSVILLE	00 50 S	12 43 E	485	30	956.1	1009.5	24.5	- 0.3	26.1		16	403	+221		
MOANDA	01 32 S	13 16 E	573	30	946.1	1009.4	24.0	- 0.9	25.2		16	224	- 7		
LAMBARENE	00 43 S	10 14 E	26	30	1007.0	1009.9	26.1	- 0.9	29.2		12	184	- 36		
MOUILA	01 52 S	11 01 E	89	30	999.5	1009.7	25.7	- 1.9	28.6		17	347	+106		

SURFACE DATA LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
APRIL 1985															
AFRICA															
GABON															
TCHIBANGA	02 51 S	11 01 E	79	30	963.5	1005.4	25.9	- 2.5	28.9		9	305	+100		
MAYUMBA	03 25 S	10 39 E	34	30	1005.3	1009.4	26.5	- 0.5	30.4		10	154	- 2		
PORT-GENTIL	00 42 S	08 45 E	4	30	1009.3	1009.8	26.8	- 0.4	30.0		16	377	+ 72		
LIBREVILLE	00 27 N	09 25 E	15	30	1007.9	1009.6	26.4	- 0.5	29.5		14	218	-127		
COCOBEACH	01 00 N	09 36 E	13	30	1008.5	1010.0	26.3	- 0.1	30.0		15	205	-127		
MAY 1985															
SOUTH AMERICA															
GUYANA															
GEORGETOWN	06 48 N	58 09 W	2		1011.9	1012.3	27.3		29.5		18	163		1	
TIMEHRI	06 30 N	58 15 W	30		1009.1	1012.6	25.4		27.8		24	322			
AFRICA															
GABON															
BITAM	02 05 N	11 29 E	599	31	943.9	1010.1	23.4	- 1.1	25.6		11	252	+ 33		
MITZIC	00 47 N	11 32 E	583	31	945.6	1010.2	23.3	- 1.1	25.3		12	126	- 78		
MEKAMBO	01 01 N	13 56 E	501	31	954.4	1010.1	23.7	- 0.9	25.4		13	576	+410		
MAKOKOU	00 34 N	12 52 E	515	31	953.2	1010.4	23.6	- 1.1	25.6		16	224	+ 34		
LASTOURSVILLE	00 50 S	12 43 E	485	31	957.0	1010.6	24.0	- 0.7	26.5		17	293	+111		
MOANDA	01 32 S	13 16 E	573	31	946.9	1010.3	23.5	- 0.8	25.0		13	243	+ 1		
LAMBARENE	00 43 S	10 14 E	26	31	1008.0	1010.9	25.9	- 1.1	29.1		11	164	+ 5		
MOUILA	01 52 S	11 01 E	89	31	1000.8	1010.9	25.7	- 1.3	28.6		11	87	- 89		
TCHIBANGA	02 51 S	11 01 E	79	31	974.4	1006.4	25.2	- 1.6	27.7		7	234	+130		
MAYUMBA	03 25 S	10 39 E	34	31	1007.3	1011.4	25.0	- 0.1	28.3		7	119	+ 33		
PORT-GENTIL	00 42 S	08 45 E	4	31	1010.5	1011.0	26.3	- 0.2	29.0		6	17	-158		
COCOBEACH	01 00 N	09 36 E	13	31	1009.7	1011.2	26.4	- 0.1	30.6		18	448	+ 95		
JUNE 1985															
SOUTH AMERICA															
GUYANA															
GEORGETOWN	06 48 N	58 09 W	2		1013.5	1013.9	26.9		29.9		18	205		1	
TIMEHRI	06 30 N	58 15 W	30		1010.8	1014.3	25.3		27.9		25	294			
AFRICA															
GABON															
BITAM	02 05 N	11 29 E	599	30	946.1	1012.4	23.2	- 0.8	25.3		7	125	- 13		
MITZIC	00 47 N	11 32 E	583	30	947.8	1012.6	22.5	- 0.6	24.0		3	45	+ 1		
MEKAMBO	01 01 N	13 56 E	501	30	956.5	1012.4	22.8	+ 0.1	24.6		3	97	+ 20		
MAKOKOU	00 34 N	12 52 E	515	30	955.4	1012.9	22.7	0.0	24.4		5	18	- 32		
LASTOURSVILLE	00 50 S	12 43 E	485	30	959.2	1013.0	23.0	- 0.3	25.2		4	40	+ 9		
MOANDA	01 32 S	13 16 E	573	30	949.1	1012.7	22.8	- 0.5	24.0		1	7	- 33		
LAMBARENE	00 43 S	10 14 E	26	30	1011.2	1014.1	24.2	- 0.5	26.4		0	0	- 15		
MOUILA	01 52 S	11 01 E	89	30	1003.7	1014.0	24.0	- 0.6	26.0		1	3	- 10		
TCHIBANGA	02 51 S	11 01 E	79	30	1002.4	1011.5	23.6	- 0.6	24.8		0	0	- 2		
MAYUMBA	03 25 S	10 39 E	34	30	1010.5	1014.5	23.1	- 0.3	24.8		0	0	- 1		
PORT-GENTIL	00 42 S	08 45 E	4	30	1013.5	1014.1	24.3	+ 0.1	25.4		0	0	- 4		
COCOBEACH	01 00 N	09 36 E	13	30	1012.7	1014.2	25.4	+ 0.2	27.8		1	4	- 46		
JULY 1985															
SOUTH AMERICA															
GUYANA															
GEORGETOWN	06 48 N	58 09 W	2		1012.8	1013.2	26.9		29.2		20	138		1	
TIMEHRI	06 30 N	58 15 W	30		1010.9	1014.4	26.1		27.6		18	248			
AFRICA															
GABON															
BITAM	02 05 N	11 29 E	599	31	946.0	1012.5	22.4	- 0.5	24.3		11	93	+ 58		
MITZIC	00 47 N	11 32 E	583	31	947.7	1012.8	21.8	+ 0.4	23.0		2	10	- 67		
MEKAMBO	01 01 N	13 56 E	501	31	956.6	1012.6	22.4	- 0.5	23.9		4	68	+ 45		
MAKOKOU	00 34 N	12 52 E	515	31	955.3	1013.0	22.1	+ 0.4	23.7		7	83	+ 77		
LASTOURSVILLE	00 50 S	12 43 E	485	31	959.2	1013.5	22.4	+ 0.9	23.8		1	8	+ 3		
MOANDA	01 32 S	13 16 E	573	31	949.0	1012.9	22.2	- 0.1	22.6		2	55	+ 42		
LAMBARENE	00 43 S	10 14 E	26	31	1011.2	1014.1	23.6	+ 0.1	24.8		1	1	- 1		
MOUILA	01 52 S	11 01 E	89	31	1003.8	1014.1	23.4	- 0.1	23.9		0	1	- 3		
TCHIBANGA	02 51 S	11 01 E	79	31	1002.5	1011.7	22.8	- 0.2	23.1		0	0	- 1		
MAYUMBA	03 25 S	10 39 E	34	31	1010.6	1014.7	22.2	- 0.3	23.1		0	0	- 1		
PORT-GENTIL	00 42 S	08 45 E	4	31	1014.0	1014.3	23.4	+ 0.2	23.9		0	0	0		
COCOBEACH	01 00 N	09 36 E	13	31	1012.9	1014.3	24.0	- 0.2	26.2		4	12	+ 8		

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
AUGUST 1985															
SOUTH AMERICA															
GUYANA															
GEORGETOWN	06 48 N	58 09 W	2		1012.2	1012.6	27.0		29.6		20	275		5	
TIMEHRI	06 30 N	58 15 W	30		1013.1	1014.6	24.6		27.3		22	221			
AFRICA															
GABON															
BITAM	02 05 N	11 29 E	599	31	945.6	1012.0	22.8	- 0.3	24.3		8	149	+ 96		
MITZIC	00 47 N	11 32 E	583	31	944.7	1012.2	22.2	+ 0.1	23.4		6	11	- 3		
MEKAMBO	01 01 N	13 56 E	501	31	955.1	1012.0	22.7	+ 0.3	24.2		7	85	+ 36		
MAKOKOU	00 34 N	12 52 E	515	31	954.9	1012.3	22.6	+ 0.5	24.1		6	48	+ 25		
LASTOURSVILLE	00 50 S	12 43 E	485	31	958.6	1012.4	23.0	+ 0.5	24.6		6	83	+ 66		
MOANDA	01 32 S	13 16 E	573	31	948.5	1012.2	22.7	0.0	23.4		6	95	+ 80		
LAMBARENE	00 43 S	10 14 E	26	31	1010.6	1013.5	24.3	+ 0.2	25.2		0	0	- 6		
MOUILA	01 52 S	11 01 E	89	31	1003.2	1013.5	24.1	+ 0.6	24.6		2	11	+ 5		
TCHIBANGA	02 51 S	11 01 E	79	31	1002.1	1011.2	23.7	+ 0.3	23.7		0	0	0		
MAYUMBA	03 25 S	10 39 E	34	31	1010.1	1014.2	22.6	+ 0.3	23.9		1	3	- 1		
PORT-GENTIL	00 42 S	08 45 E	4	31	1013.2	1013.7	24.1	- 0.1	25.0		0	0	- 4		
LIBREVILLE	00 27 N	09 25 E	15	31	1011.6	1013.3	25.2	+ 1.0	25.4		0	1	- 5		
COCOBEACH	01 00 N	09 36 E	13	31	1011.7	1013.2	25.4	+ 1.0	26.4		4	13	- 5		
SEPTEMBER 1985															
SOUTH AMERICA															
GUYANA															
GEORGETOWN	06 48 N	58 09 W	2		1010.8	1011.2	27.5		29.6		10	147		5	
TIMEHRI	06 30 N	58 15 W	30		1008.2	1011.7	26.0		27.7		9	124			
AFRICA															
GABON															
BITAM	02 05 N	11 29 E	599	30	944.7	1011.0	22.6	- 1.4	24.0		17	257	+ 16		
MITZIC	00 47 N	11 32 E	583	30	946.3	1011.0	22.7	- 0.9	23.7		11	137	0		
MEKAMBO	01 01 N	13 56 E	501	30	955.1	1010.8	23.2	- 0.4	24.5		16	297	+139		
MAKOKOU	00 34 N	12 52 E	515	30	953.6	1009.9	23.3	- 0.4	24.2		8	138	- 1		
LASTOURSVILLE	00 50 S	12 43 E	485	30	957.6	1011.3	23.6	- 0.4	25.1		8	183	+ 69		
MOANDA	01 32 S	13 16 E	573	30	947.5	1011.0	23.0	- 0.8	23.8		9	222	+118		
LAMBARENE	00 43 S	10 14 E	26	30	1009.3	1012.2	25.5	- 0.1	27.0		10	179	+109		
MOUILA	01 52 S	11 01 E	89	30	1001.8	1011.9	25.1	- 0.4	25.9		8	113	+ 66		
TCHIBANGA	02 51 S	11 01 E	79	30	1000.7	1009.8	24.4	- 0.4	24.9		2	5	0		
MAYUMBA	03 25 S	10 39 E	34	30	1008.9	1013.0	23.8	0.0	26.3		10	17	- 19		
PORT-GENTIL	00 42 S	08 45 E	4	30	1011.8	1012.3	25.5	+ 0.2	26.7		7	30	+ 1		
LIBREVILLE	00 27 N	09 25 E	15	30	1010.3	1012.0	25.8	+ 0.4	25.8		12	69	- 39		
COCOBEACH	01 00 N	09 36 E	13	30	1010.8	1012.3	25.0	- 0.3	28.1		25	450	+212		
OCTOBER, 1985															
SOUTH AMERICA															
GUYANA															
GEORGETOWN	06 48 N	58 09 W	2		1011.4	1011.8	27.6		30.2		14	128		4	
TIMEHRI	06 30 N	58 15 W	30		1007.8	1011.3	25.9		27.9		12	167			
AFRICA															
GABON															
BITAM	02 05 N	11 29 E	599	31	943.9	1010.2	22.9	- 1.3	24.9		11	259	- 39		
MITZIC	00 47 N	11 32 E	583	31	945.5	1010.1	22.7	- 1.2	24.4		21	292	- 31		
MAKOKOU	00 34 N	12 52 E	515	31	953.1	1010.2	23.6	- 0.7	24.9		10	304	- 5		
LASTOURSVILLE	00 50 S	12 43 E	485	31	957.0	1010.5	23.7	- 0.8	24.8		17	269	+ 3		
MOANDA	01 32 S	13 16 E	573	31	946.8	1010.3	23.3	- 0.8	24.5		14	295	+125		
LAMBARENE	00 43 S	10 14 E	26	31	1008.2	1011.2	25.7	- 0.9	28.9		21	348	- 16		
MOUILA	01 52 S	11 01 E	89	31	1000.7	1010.8	25.5	- 1.2	28.1		17	430	+ 66		
TCHIBANGA	02 51 S	11 01 E	79	31	999.3	1008.4	25.6	- 0.6	27.4		12	143	+ 20		
MAYUMBA	03 25 S	10 39 E	34	31	1007.1	1011.3	25.2	- 2.6	28.1		12	229	+ 3		
PORT-GENTIL	00 42 S	08 45 E	4	31	1010.6	1011.1	27.6	- 1.2	29.3		26	440	+264		
LIBREVILLE	00 27 N	09 25 E	15	31	1009.2	1010.9	25.7	0.0	28.6		25	757	+353		
NOVEMBER 1985															
SOUTH AMERICA															
GUYANA															
GEORGETOWN	06 48 N	58 09 W	2		1010.2	1010.6	27.1		29.7		14	279		5	
TIMEHRI	06 30 N	58 15 W	30		1007.4	1010.8	25.6		27.8		15	145			

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB	-	MM	MM		%
NOVEMBER 1985															
EUROPE															
ROMANIA															
CLUJ-NAPOCA	46 47 N	23 34 E	413	30	966.8	1017.0	3.2	- 0.6	6.8	+0.1	11	47	+ 15		91
BISTRITA	47 09 N	24 31 E	367	30	973.0	1018.0	2.9	- 0.7	6.7	-0.4	11	69	+ 17	4	
IASI	47 10 N	27 38 E	104	30	1006.3	1019.3	2.7	- 1.3	6.7	-0.5	6	44	+ 5	4	87
TIMISOARA	45 46 N	21 15 E	88	30	1006.2	1016.9	5.3	- 0.7	7.5	-0.4	16	91	+ 33	5	89
SIBIU	45 48 N	24 09 E	444	30	963.4	1017.1	4.2	0.0	6.8	-0.4	8	34	+ 2	4	74
BUCURESTI/FILARET	44 25 N	26 06 E	82	30	1007.9	1018.3	4.5	- 1.0	7.6	-0.4	12	84	+ 41	5	
SULINA	45 09 N	29 40 E	9	30	1017.2	1018.3	7.1	+ 0.2	9.0	+0.2	5	25	- 10	3	106
AFRICA															
GABON															
BITAM	02 05 N	11 29 E	599	30	943.8	1009.9	23.4	- 0.8	25.1		5	194	+ 8		
MITZIC	00 47 N	11 32 E	583	30	945.4	1010.0	23.0	- 0.8	24.9		14	185	- 47		
MEKAMBO	01 01 N	13 56 E	501	30	654.1	1009.6	22.8	- 0.9	24.2		12	100	-105		
MAKOKOU	00 34 N	12 52 E	515	30	953.0	1010.1	23.4	- 0.7	25.1		9	111	-111		
LASTOURSVILLE	00 50 S	12 43 E	485	30	956.8	1010.5	23.2	- 1.0	25.6		14	191	- 70		
MOANDA	01 32 S	13 16 E	573	30	946.6	1010.1	23.2	- 0.8	24.6		12	179	-104		
LAMBARENE	00 43 S	10 14 E	26	30	1008.0	1010.8	25.6	- 0.2	29.0		20	418	+ 62		
MOUILA	01 52 S	11 01 E	89	30	1000.5	1010.7	25.3	- 1.3	28.3		17	282	-124		
TCHIBANGA	02 51 S	11 01 E	79	30	999.2	1008.3	25.3	- 0.9	28.3		17	268	- 9		
MAYUMBA	03 25 S	10 39 E	34	30	1006.7	1010.5	25.6	+ 0.5	26.7		17	395	-139		
PORT-GENTIL	00 42 S	08 45 E	4	30	1010.3	1010.8	26.0	0.0	30.0		16	344	+ 30		
LIBREVILLE	00 27 N	09 25 E	15	30	1008.8	1010.5	26.1	+ 0.2	29.1		21	515	+ 10		
COCOBEACH	01 00 N	09 36 E	13	30	1009.2	1010.6	26.0	+ 0.3	29.8		17	267	-224		
ZIMBABWE															
BULAWAYO/GOETZ OBS	20 09 S	28 37 E	1344	30	867.7	1521 Y	22.3	+ 0.6	12.7	-1.1	4	42	- 47	1	133
HARARE/KUTSAGA OBS	17 55 S	31 08 E	1480	30	854.5	1522 Y	20.0	- 0.8	14.0	-0.1	9	25	- 75	0	108
CHIPINGA	20 12 S	32 37 E	1132	30	890.0	1525 Y	20.1	- 0.1	16.2	-0.9	11	122	- 8	3	107
ASIA															
INDIA															
AKOLA	20 42 N	77 02 E	282	30	981.5	1013.3	23.5	+ 0.4	11.6	-1.7	0	0	- 28	3	
THAILAND															
CHIANGMAI	18 47 N	98 59 E	314	30	976.7	1012.2	24.3	- 0.1	23.4	-1.2	9	175	+136	6	79
UDON THANI	17 23 N	102 48 E	182	30	991.4	1012.0	26.4	+ 0.5	24.0	-0.1	1	3	- 23	3	
PHITSANULOK	16 47 N	100 16 E	45	30	1006.6	1011.8	27.3	+ 0.7	28.0	+0.8	4	99	+ 62	5	94
NAKHON SAWAN	15 48 N	100 10 E	35	30	1007.6	1011.7	27.3	+ 1.0	28.4	+2.9	8	44	+ 18	4	99
NAKHON RATCHASIMA	14 58 N	102 05 E	188	30	990.2	1011.6	26.1	+ 1.8	25.6	+1.2	4	62	+ 25		
BANGKOK	13 44 N	100 34 E	20	30	1008.6	1010.8	28.0	+ 1.3	28.5	+0.3	6	17	- 40	1	81
ARANYAPRATHET	13 42 N	102 35 E	49	30	1005.8	1011.1	27.5	+ 1.7	28.0	+1.3	5	55	- 2		
CHANTHABURI	12 36 N	102 07 E	4	30	1010.0	1010.4	28.0	+ 1.8	28.2	+1.1	5	20	- 61		88
PRACHUAP KHIRIKHAN	11 50 N	99 50 E	5	30	1009.8	1010.4	26.5	+ 0.8	28.3	+2.2	12	286	+114		80
CHUMPHON	10 29 N	99 11 E	5	30	1009.9	1010.6	26.7	+ 1.0	30.5	+2.1	16	254	- 73		81
SONGKHLA	07 12 N	100 36 E	5	30	1009.1	1009.8	26.0	- 0.6	27.9	-1.6	24	454	-122		96
DECEMBER 1985															
SOUTH AMERICA															
GUYANA															
GEORGETOWN	06 48 N	58 09 W	2		1011.7	1012.1	26.5		28.7		20	159		2	
TIMEHRI	06 30 N	58 15 W	30		1012.0	1012.3	24.8		26.4		17	168			
BRAZIL-NORTHERN															
COARI	04 05 S	63 05 W	46		1003.8	1009.4	25.7	+ 0.1	24.9	-3.8	19	414	+192	6	
MANAUS	03 08 S	60 01 W	72		1002.1	1010.4	26.1	- 0.6	29.4	0.0	23	391	+ 53	6	
BENJAMIN CONSTANT	04 23 S	70 02 W	65		1004.4	1011.9	25.5		30.0		16	179		1	
CRUZEIRO DO SUL	07 38 S	72 40 W	170		985.5	1004.6	24.6	0.0	27.7	+0.3	4	101	-140	1	
RIO BRANCO	09 58 S	67 48 W	136		990.8	1007.0	25.4		29.2		14	365			
EUROPE															
GERMAN DEMOCRATIC REP															
WARNEMUNDE	54 11 N	12 05 E	10	31	1010.9	1011.7	3.7	+ 1.9	7.3	+0.6	18	85	+ 42	5	50
GREIFSWALD	54 06 N	13 24 E	6	31	1010.3	1011.5	4.0	+ 3.0	7.3	+0.9	18	84	+ 43	5	44
POTSDAM	52 23 N	13 04 E	94	31	1001.7	1014.0	4.0	+ 3.3	7.3	+1.3	20	67	+ 27	5	78
LINDENBERG	52 13 N	14 07 E	112	31	1000.3	1014.2	3.4	+ 3.0	7.0	+1.1	19	76	+ 36	5	74
LEIPZIG-SCHKEUDITZ	51 25 N	12 14 E	133	31	998.9	1015.4	4.4	+ 3.5	7.2	+1.1	14	56	+ 21	5	79
DRESDEN-KLOTZSCHE	51 08 N	13 47 E	226	31	987.9	1015.8	4.6	+ 4.2	6.9	+1.3	15	69	+ 32		60
GORLITZ	51 10 N	14 57 E	238	31	986.4	1015.8	3.4	+ 3.4	6.8	+1.1	13	64	+ 19	4	56
ERFURT-BINDERSLEBEN	50 59 N	10 58 E	323	31	976.8	1016.4	3.8	+ 3.9	6.8	+1.1	9	42	+ 12	5	99
MEININGEN	50 34 N	10 23 E	453	31	962.3	1017.7	1.9	+ 2.7	6.4	+1.1	13	46	0		
FICHTELBERG	50 26 N	12 57 E	1215	31	874.6	1442 Y	- 0.7	+ 3.1	5.3	+1.0	15	93	+ 16	4	79
PORTUGAL															
HORTA/ACORES	38 31 N	28 38 W	62	31	1011.5	1018.9	14.0	- 1.4	12.5	-1.7	16	123	+ 10	3	94
PONTA DELGADA/ACORES	37 45 N	25 40 W	36	31	1015.8	1020.2	14.4	- 0.9	13.5	-0.7	23	154	+ 52	5	124

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
DECEMBER 1985															
EUROPE															
PORTUGAL															
SANTA MARIA /ACORES/	36 58 N	25 10 W	100	31	1008.4	1020.3	15.1	- 0.1	13.2	-1.0	14	77	- 1		
PORTO/SERRA DO PILAR	41 08 N	08 36 W	100	31	1007.4	1019.7	10.8	+ 1.2	10.1	+0.5	15	281	+113	4	82
LISBOA	38 43 N	09 09 W	95	31	1010.7	1022.3	12.3	+ 0.8	15.1	+4.3	12	96	- 7	3	82
MADEIRA															
FUNCHAL	32 38 N	16 54 W	56	31	1015.2	1021.9	17.7	+ 1.0	14.7	+1.2	9	87	- 7	3	72
ITALY															
MILANO/LINATE	45 26 N	09 17 E	103	31	1008	1021	3.9	+ 2.0	7.6	+0.9	8	49	- 31	3	85
VERONA/VILLAFRANCA	45 23 N	10 52 E	68	31	1012	1020	4.3	+ 1.4	8.2	+1.4	8	63	- 11	4	
UDINE RIVOLTO	45 59 N	13 02 E	53	31	1014	1020	5.1		7.9		5	130			
PISA/S. GIUSTO	43 41 N	10 23 E	1	31	1019	1020	8.7	+ 0.6	10.0	+0.7	7	77	- 32	2	75
NAPOLI/CAPODICHINO	40 51 N	14 18 E	72	31	1011	1020	10.8	+ 0.9	10.7	+1.0	5	53	- 83	1	127
TRIESTE	45 39 N	13 45 E	20	31	1017	1020	8.2	+ 1.4	8.7	+1.3	7	67	- 22	3	47
VENEZIA/TESSERA	45 30 N	12 20 E	6	31	1020	1020	4.3	+ 0.5	7.3	+1.1	6	52	- 15	2	64
FALCONARA	43 37 N	13 22 E	10	31	1018	1020	4.6		9.4		6	37			
PESCARA	42 26 N	14 12 E	11	31	1018	1019	8.6	+ 1.0	9.4	+0.7	3	5	- 72	0	110
MARINA DI GINOSA	40 26 N	16 53 E	12	31	1018	1019	10.9	- 0.1	10.4	0.0	1	3	- 45	0	
BRINDISI	40 39 N	17 57 E	10	31	1018	1020	12.4	+ 1.4	11.4	+0.9	1	3	- 71	0	126
ALGHERO	40 38 N	08 17 E	40	31	1016	1020	10.3	- 0.6	11.2	+0.6	5	26	- 60	0	130
CAGLIARI/ELMAS	39 15 N	09 03 E	18	31	1019	1020	10.9	+ 0.2	11.8	+1.0	3	11	- 48	0	137
TRAPANI/BIRGI	37 55 N	12 30 E	14	31	1019	1021	13.6	+ 1.3	13.4	+2.2	5	16	- 61	0	109
CATANIA/FONTANAROSSA	37 28 N	15 03 E	17	31	1018	1020	11.8	+ 0.3	11.2	+0.1	5	91	+ 13	4	
MESSINA	38 12 N	15 33 E	51	31	1013	1020	14.8	+ 1.9	13.1	+2.2	2	14	-106	0	159
ROMANIA															
CLUJ-NAPOCA	46 47 N	23 34 E	413	31	969.4	1020.5	- 0.2	+ 1.2	5.8	+0.7	11	48	+ 16		79
BISTRITA	47 09 N	24 31 E	367	31	975.7	1021.3	- 0.4	+ 0.9	5.6	+0.3	10	63	+ 23	5	
IASI	47 10 N	27 38 E	104	31	1005.9	1018.9	0.9	+ 1.9	5.9	+0.6	4	19	- 10	2	115
TIMISOARA	45 46 N	21 15 E	88	31	1010.0	1020.9	4.1	+ 2.6	7.2	+1.3	10	24	- 25	1	170
SIBIU	45 48 N	24 09 E	444	31	966.2	1020.6	1.0	+ 1.7	5.8	+0.3	7	26	- 4	3	104
BUCURESTI/FILARET	44 25 N	26 06 E	82	31	1009.8	1019.9	2.3	+ 1.9	6.6	+0.7	7	17	- 24	2	
SULINA	45 09 N	29 40 E	9	31	1018.3	1019.4	3.8	+ 1.5	7.0	+0.5		4	- 25	1	127
AFRICA															
GABON															
BITAM	02 05 N	11 29 E	599	31	943.3	1009.3	23.5	- 1.0	25.2		4	61	+ 6		
MITZIC	00 47 N	11 32 E	583	31	944.7	1009.0	23.7	- 0.4	25.6		6	89	- 20		
MEKAMBO	01 01 N	13 56 E	501	31	953.5	1009.0	23.5	- 0.2	24.4		7	113	+ 13		
MAKOKOU	00 34 N	12 52 E	515	31	952.3	1009.3	24.2	+ 0.2	26.1		4	11	- 99		
LASTOURSVILLE	00 50 S	12 43 E	485	31	956.3	1009.8	23.8	- 0.5	26.4		13	199	+ 26		
MOANDA	01 32 S	13 16 E	573	31	946.0	1009.3	23.5	+ 0.9	25.0		12	187	- 2		
LAMBARENE	00 43 S	10 14 E	26	31	1007.1	1010.0	26.1	- 0.5	29.7		14	304	+157		
MOUILA	01 52 S	11 01 E	89	31	999.7	1009.8	25.8	- 0.8	29.2		16	204	- 44		
TCHIBANGA	02 51 S	11 01 E	79	31	998.7	1007.7	25.5	- 0.7	28.8		11	235	+ 61		
MAYUMBA	03 25 S	10 39 E	34	31	1005.8	1009.8	25.9	+ 0.5	30.3		9	145	- 31		
PORT-GENTIL	00 42 S	08 45 E	4	31	1009.5	1010.0	26.6	+ 0.2	30.7		18	346	+107		
LIBREVILLE	00 27 N	09 25 E	15	31	1008.2	1009.8	26.6	+ 0.2	29.8		13	442	+112		
COCOBEACH	01 00 N	09 36 E	13	31	1008.3	1009.8	26.5	+ 0.3	30.6		14	303	0		
MOZAMBIQUE															
LICHINGA	13 17 S	35 15 E	1365	31	864.8	1512 Y	19.6	- 1.0	19.7	+0.9	21	302	+ 66		86
TETE	16 11 S	33 35 E	150	31	993.2	1010.3	26.5	- 2.4	27.4	+1.0	16	218	+ 68		77
NAMPULA	15 06 S	39 17 E	441	31	961.4	1011.2	24.6	- 1.2	24.8	+1.8	15	288	+ 79		84
PEMBA	12 58 S	40 30 E	50	31	1000.2	1011.3	27.2	- 0.6	29.3	+3.0	5	30	- 99		112
QUELIMANE	17 53 S	36 53 E	16	31	1009.6	1011.5	26.6	- 1.5	28.6	+2.6	12	206	+ 19	4	82
BEIRA	19 48 S	34 54 E	16	31	1009.1	1010.9	27.0	+ 0.1	26.9	+1.6	9	280	+ 50	4	96
INHAMBANE	23 52 S	35 23 E	15	31	1010.8	1012.4	26.1	- 0.3	26.5	+3.6	7	75	- 72	2	110
MAPUTO/MAVALANE	25 55 S	32 34 E	44	31	1007.3	1012.5	25.7	+ 0.3	23.6	+1.7	7	51	- 36		102
ASIA															
REPUBLIC OF KOREA															
KANGNUNG	37 45 N	128 54 E	27	31	1018.5	1021.9	0.8	- 2.0	3.1	-1.2	1	30	- 47	1	102
INCHON	37 29 N	126 38 E	70	31	1015.9	1025.0	3.1	+ 3.1	3.4	-1.1	5	52	- 18	5	116
PUSAN	35 06 N	129 02 E	71	31	1013.8	1022.8	3.0	- 2.1	4.6	-0.5					112
MOKPO	34 47 N	126 23 E	56	31	1018.0	1025.2	1.7	- 2.6	5.3	-0.7	11	31	- 32	3	119
ISRAEL															
BEN GURION INT AP	32 00 N	34 54 E	49	31	1013.2	1017.9	14.2		10.5		7	59		2	112
JERUSALEM	31 47 N	35 13 E	809	31	932.4	1509 Y	10.1		8.2		9	62		3	104
EILAT	29 33 N	34 57 E	13	31	1016.5	1017.6	16.9		9.4		2	14		4	103
INDIA															
SAGAR	23 51 N	78 45 E	551	31	952.9	1015.2	19.8	+ 0.7	10.2	+0.6	0	0	- 7	3	
AKOLA	20 42 N	77 02 E	282	31	982.3	1014.3	22.9	+ 1.8	12.2	+1.1	0	0	- 6	4	
HYDERABAD AIRPORT	17 27 N	78 28 E	545	31	953.1	1013.7	22.5	+ 1.8	14.9	0.0	2	5	0	5	90
VISHAKHAPATNAM	17 43 N	83 14 E	3	31	1014.5	1014.9	24.0	+ 0.3	19.8	-2.4	0	1	- 16	3	
MACHILIPATNAM (FRANCHPET)	16 12 N	81 09 E	3	31	1013.8	1014.2	24.2	+ 0.5	23.4	+0.8	3	110	+ 95	5	

SURFACE DATA LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
DECEMBER 1985															
ASIA															
THAILAND															
CHIANGMAI	18 47 N	98 59 E	314	31	978.4	1014.3	22.2	+ 0.7	19.5	-0.4		0	- 10	2	106
UDON THANI	17 23 N	102 48 E	182	31	994.2	1014.7	22.5	+ 0.4	17.2	-2.4		0	- 2	5	
PHITSANULOK	16 47 N	100 16 E	45	31	1008.6	1013.9	24.6	+ 0.3	20.4	-2.0		0	- 2	4	104
NAKHON SAWAN	15 48 N	100 10 E	35	31	1009.7	1013.8	24.4	+ 0.4	20.8	+0.1		0	- 3	4	105
NAKHON RATCHASIMA	14 58 N	102 05 E	188	31	992.4	1014.1	22.8	+ 0.3	18.8	-1.5		0	- 3		
BANGKOK	13 44 N	100 34 E	20	31	1010.5	1012.7	26.0	+ 0.5	21.6	-2.9		0	- 7	3	103
ARANYAPRATHET	13 42 N	102 35 E	49	31	1007.8	1013.1	25.0	+ 0.6	20.8	+0.3		0	- 12		
CHANTHABURI	12 36 N	102 07 E	4	31	1011.7	1012.1	26.1	+ 0.9	21.5	-2.0		0	- 6		101
PRACHUAP KHIRIKHAN	11 50 N	99 50 E	5	31	1011.4	1012.0	25.2	+ 0.5	22.0	-0.9		0	- 31		101
CHUMPHON	10 29 N	99 11 E	5	31	1011.3	1012.0	25.3	+ 0.9	26.4	+1.2	4	190	- 2		96
SONGKHLA	07 12 N	100 36 E	5	31	1010.1	1010.9	25.9	- 0.6	26.5	-1.8	20	486	+ 47		89
OCEAN WEATHER STATIONS															
SHIP R	47 00 N	17 00 W			1010.5		12.5 S13.1		12.4						

SURFACE DATA CORRECTIONS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	NO. OF DAYS ≥ MM.	TOTAL	DEPARTURE	QUINTILE	PERCENTAGE OF LONG-TERM AVERAGE
	° '	° '	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
FEBRUARY 1985															
SOUTH AMERICA															
BRAZIL-NORTHERN															
CAROLINA	07 20 S	47 28 W	192								27				
APRIL 1985															
SOUTH AMERICA															
BRAZIL-NORTHERN															
CAROLINA	07 20 S	47 28 W	192			1013.2									
BRAZIL SOUTHERN															
CUIABA	15 33 S	56 07 W	179		992.9						16	161	+455		
PONTA PORA	22 32 S	55 44 W	650		936.1		21.5	+ 2.3	21.5	+3.9		158	+196		
CAMPO GRANDE (AEROPORTO)	20 28 S	54 40 W	567		952.2	1011.0									
TRES LAGOAS	20 47 S	51 38 W	313		975.7		24.6	+ 1.7	24.9	+3.0		143	+509		
MARCH 1985															
SOUTH AMERICA															
BRAZIL-NORTHERN															
CAROLINA	07 20 S	47 28 W	192		988.1	1012.0	25.8		27.8		14	230		2	

UPPER AIR DATA

JANUARY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
NORTH AMERICA																																									
ALASKA																																									
BARROW	2	1,020		-26.4	3.3					1,358	0	-19.0	8.7	1	80	80	12	2,793	0	-23.7	9.3	1	63	74	7	5,184	0	-38.0	5.4	1	21	317	2	8,531	3	-57.8		4	53	254	7
		11,099	6	-54.6		7	80	250	8	12,954	7	-53.2		7	89	256	11	15,587	11	-51.5		11	88	264	17	20,082	16	-51.6		16	89	271	27	23,301	22	-48.3					
BARTER ISLAND	2	1,016		-27.1	2.5					1,328	0	-18.2	6.1	1	77	101	10	2,768	0	-22.7	7.9	1	14	99	1	5,168	0	-37.2	6.1	1	61	276	7	8,532	2	-56.7		2	86	270	14
		11,105	3	-54.3		3	94	268	13	12,959	4	-53.2		5	93	268	15	15,589	5	-52.4		5	92	270	20	20,089	6	-51.6		6	91	276	30	23,435	13	-49.9		13	89	277	36
KOTZEBUE	2	1,006		-19.7	3.2					1,283	0	-13.8	6.5	3	68	83	6	2,749	0	-19.1	7.9	2	45	114	4	5,173	0	-35.4	7.4	2	43	167	4	8,553	0	-56.3		2	62	191	7
		11,137	0	-53.2		2	83	216	8	13,002	0	-51.1		2	87	230	10	15,652	0	-49.2		1	87	243	14	20,212	0	-47.5		1	89	255	23	23,627	1	-45.6		1	89	259	26
NOME	2	1,002		-14.5	5.9					1,259	2	-13.4	6.5	6	69	73	5	2,724	2	-18.9	8.4	6	48	104	4	5,152	2	-35.2	8.1	5	49	155	5	8,538	4	-56.0		4	41	172	5
		11,135	4	-51.9		4	76	211	6	13,010	4	-49.7		4	85	227	9	15,675	4	-48.1		4	92	235	13	20,257	7	-45.8		7	90	252	19	23,649	14	-43.3		15	89	257	24
FAIRBANKS	2	985		-19.7	2.4					1,268	0	-9.2	6.0	0	80	105	7	2,756	0	-15.8	7.0	0	41	162	3	5,211	0	-33.0	6.8	0	55	207	6	8,617	0	-56.4		0	69	221	10
		11,204	0	-52.2		0	88	234	11	13,074	0	-50.7		0	91	242	13	15,725	0	-49.4		0	90	255	16	20,282	0	-48.0		0	88	271	21	23,667	1	-46.2		1	91	279	25
MCGRATH	2	986		-21.0	2.9					1,237	0	-7.5	7.4	0	77	87	7	2,729	0	-15.6	7.5	0	54	125	4	5,184	0	-32.8	7.3	0	57	159	7	8,591	0	-55.6		0	60	182	10
		11,193	0	-50.7		0	86	212	8	13,078	0	-48.6		0	88	229	10	15,755	0	-47.6		0	88	244	13	20,341	4	-46.3		4	86	260	17	23,749	4	-44.1		4	86	271	18
BETHEL	2	993		-16.4	2.3					1,228	2	-9.0	5.9	2	59	48	4	2,711	2	-16.6	6.9	3	51	93	4	5,157	2	-34.0	7.4	4	57	130	6	8,552	2	-55.0		3	58	167	7
		11,167	3	-49.9		5	83	204	7	13,059	3	-48.2		4	85	218	9	15,744	3	-46.7		4	90	231	11	20,357	3	-45.0		4	88	243	14	23,782	4	-44.1		5	86	247	12
ANCHORAGE	2	988		-3.6	4.2					1,237	0	-4.9	5.3	0	81	118	7	2,736	0	-15.0	4.8	1	88	142	10	5,195	0	-32.5	6.2	1	81	155	9	8,610	0	-54.4		1	74	174	10
		11,222	0	-50.5		1	86	209	9	13,111	0	-48.4		2	88	226	11	15,783	1	-47.8		2	87	245	12	20,366	2	-47.0		3	86	264	15	23,758	3	-45.6		4	84	281	16
ST. PAUL	2	998		-5.0	3.2					1,251	0	-12.6	4.4	1	49	16	6	2,711	0	-20.6	10.0	0	44	355	5	5,128	0	-35.3	9.3	4	30	343	4	8,535	0	-52.3		0	14	287	2
		11,171	0	-48.0		0	57	233	5	13,077	0	-45.8		0	77	231	8	15,784	0	-44.9		0	85	234	10	20,420	1	-44.5		1	81	235	9	23,847	1	-43.4		1	74	227	8
COLD BAY	2	989		-4.1	2.6					1,214	1	-10.2	2.8	4	57	347	6	2,686	1	-18.3	7.4	3	43	340	4	5,125	1	-33.7	8.7	3	22	177	2	8,539	2	-51.7		2	44	201	5
		11,197	2	-46.4		2	67	227	6	13,116	2	-44.9		2	76	229	7	15,827	3	-45.5		3	80	227	7	20,439	3	-46.0		3	69	225	6	23,844	4	-45.0		4	41	199	4
KING SALMON	2	990		-8.3	2.1					1,209	0	-7.4	3.0	5	63	87	6	2,698	1	-15.7	5.2	3	68	108	7	5,153	0	-33.0	6.3	0	62	123	7	8,572	0	-53.5		0	58	168	9
		11,206	0	-48.3		0	80	200	7	13,110	0	-46.5		0	86	222	8	15,815	1	-45.8		2	85	233	9	20,432	1	-45.5		1	79	249	10	23,840	1	-44.8		1	68	262	8
YAKUTAT	2	997		1.1	1.4					1,288	0	-4.8	1.9	0	87	154	10	2,789	0	-14.5	3.4	0	90	163	10	5,257	0	-31.3	7.1	1	74	190	10	8,692	0	-53.5		1	77	208	15
		11,296	1	-51.3		1	89	224	13	13,174	1	-49.5		1	89	237	14	15,836	1	-49.1		1	90	255	13	20,392	2	-48.9		2	87	275	14	23,754	2	-47.8		2	85	294	14
ANNETTE ISLAND	2	1,002		4.5	3.2					1,360	0	-2.9	3.0	2	89	172	13	2,873	0	-12.0	7.2	2	85	199	11	5,374	0	-27.7	7.4	3	84	211	16	8,857	1	-52.5		6	85	231	21
		11,452	1	-52.8		8	91	240	17	13,323	1	-50.5		8	92	246	15	15,963	2	-51.4		8	89	256	13	20,468	4	-50.7		8	82	290	10	23,802	5	-49.7		7	80	319	11
CANADA-WESTERN																																									
MOULD BAY	2	1,013		-35.4	3.1					1,309	3	-25.3	3.2					2,711	3	-28.8	5.4					5,055	3	-41.8	7.2					8,374	3	-58.2					
		10,927	3	-56.9						12,748	3	-57.5						15,295	3	-59.8						19,678	9	-59.7						22,987	13	-56.5					
SACHS HARBOUR	2	1,010		-31.8	2.2					1,339	2	-23.1	6.2	1	64	3	9	2,749	2	-27.8	7.3	1	70	343	6	5,106	2	-40.4	8.8	2	78	319	10	8,453	2	-55.6	8.1	2	91	300	15
		11,041	2	-54.5		2	97	295	17	12,882	2	-54.6		2	97	293	19	15,472	2	-55.2		2	95	293	23	19,928	4	-54.7		3	93	297	34	23,217	6	-53.3		4	92	301	43
CAMBRIDGE BAY	2	1,014		-35.2						1,295	3	-25.5	4.2	1	82	326	8	2,694	3	-29.3	6.5	1	85	320	9	5,045	3	-40.6	8.5	1	90	313	14	8,392	3	-54.9	8.2	1	94	308	18
		10,990	3	-53.8		1	97	308	19	12,834	3	-54.7		1	97	309	21	15,415	3	-56.9		1	96	310	24	19,858	8	-57.3		7	94	311	35	23,188	11	-55.2					
INUVIK	2	1,006		-29.8	6.1					1,331	2	-18.8	3.5	1	53	104	4	2,775	2	-21.7	6.2	1	32	282	2	5,190	2	-35.4	6.8	1	86	280	11	8,572	2	-56.4	7.1	1	94	273	20
		11,150	2	-54.3		1	98	275	18	12,999	2	-53.1		1	96	277	19	15,613	2	-53.0		1	95	281	23	20,105	3	-52.2		2	92	290	31	23,417	3	-50.6		2	92	295	37
NORMAN WELLS	2	1,005		-27.4	3.5					1,323	3	-16.9	2.6	1	22	224	1	2,780	3	-18.1	4.7	1	85	281	7	5,225	3	-32.6	6.7	1	94	278	15	8,639	3	-55.0	7.1	1	94	274	22
		11,212	3	-54.7		2	97	275	22	13,061	3	-53.0		2	96	279	21	15,675	3	-53.1		2	95	285	23	20,191	6	-51.4		3	93	295	28	23,519	6	-55.0		3	93	301	33
WHITEHORSE	2	919		-8.6	2.5					1,312	2	-7.5	2.7	1	85	161	8	2,810	2	-13.4	3.9	1	85	214	11	5,290	2	-30.0	6.4	1	87	219	11	8,736	2	-54.0	7.9	1	86	228	19
		11,320	2	-52.8		1	92	243	16	13,188	2	-50.4		1	93	248	17	15,834	2	-50.0		1	92	264	17	20,381	3	-48.8		3	89	285	18	23,741	3	-47.7		2	89	297	20
FORT NELSON	2	967		-18.3	1.6					1,360	2	-8.7	6.6	1	76	257	5	2,856	2	-12.0	5.6	1	91	276	10	5,346	2	-29.0	5.5	1	93	267	17	8,812	2	-52.6	7.0	1	92	263	28
		11,388	2	-56.0		1	94	268	25	13,232	2	-52.9		1	95	274	22	15,849	2	-52.6		1	94	284	20	20,332	2	-51.6		2	94	301	21	23,645	2	-51.1		2	93	314	23
FORT SMITH	2	991		-21.5	2.8					1,531	2	-12.5	2.9	1	60	285	5	2,828	2	-15.8	6.5	1	92	290	12	5,294	2	-30.1	7.7	1	93	294	22	8,744	2	-53.7	7.9	1	92	291	33
		11,322	2	-55.3		1	95	292	29	13,162	4	-53.6		1	97	295	26	15,765	2	-54.2		1	96	299	26	20,215	4	-53.6		3	96	308	28	23,541	5	-51.9		4	95	317	29
PRINCE GEORGE	2	932		-3.1	2.1					1,408	2	-2.6	4.7	1	87	195	10	2,930	2	-9.5	6.3	1	89	241	10	5,453	2	-25.5	6.4	1	92	250	18	8,954	2	-51.6	7.3	1	88	254	27
		11,534	2	-56.4		1	93	261	24	13,373	2	-53.8		1	92	263	20	15,977	2	-53.9		1	93	273	18	20,433	2	-53.0		1	93	298	14	23,736	2	-51.7		1	89	319	30
EDMONTON STONY PLAIN	2	922		-5.8	4.0					1,414	2	-1.5	8.5	1	76	285	7	2,938	2	-9.7	7.7	1	94	284	13	5,460	2	-25.4	6.4	1	94	282	19	8,974	2	-51.0	7.4	1	90	279	29
		11,547	2	-57.9		2	92	280	28	13,374	2	-54.3		2	95	282	25	15,969	2	-54.9		2	94	291	21	20,403	3	-54.2		2	95	307	18	23,692	4	-52.5		2	93	323	18
THE PAS		983		-15.9	4.4					1,380	2	-10.9	5.9	1	70	306	8	2,866	2	-14.4	7.3	1	90	310	14	5,350	2	-28.5	7.8	1	95	309	24	8,824	2	-52.8	7.3	1	91	307	34
		11,400	2	-55.4		1	93	307	32	13,242	2	-54.3		1	95	306	28	15,831	2	-55.3		1	96	307	26	20,249	2	-55.7		1	95	311	25	23,584	6	-53.9		4	96	324	24
VERNON	2	952		-1.4	1.8					1,460	2	-3.0	3.1	1	75	186	6	2,985	2	-7.7	7.2	1	91	245	13	5,529	2	-23.2	7.9	1	92	258	18	9,072	2	-49.7	8.9	2	88	265	28
		11,657	2	-57.5		4	93	270	26	13,489	2	-54.0		3	94	271	21	16,078	2	-56.0		3	93	276	17	20,492	2	-54.7		2	93	307	11	23,772	3	-52.6		2	87	334	12
PORT HARDY	2	1,008		5.0	1.6					1,398	2	-0.9	3.0	1	87	168	11	2,929	2	-7.9	5.5	1	89	199	14	5,470	2	-23.8	6.3	1	89	217	18	8,999	2	-50.1	8.2	2	90	230	25
		11,589	2	-55.4		2	92	240	25	13,437	2	-52.5		2	94	245	20	16,049	2	-53.8		2	91	253	15	20,510	3	-52.3		2	80	288	7	23,830	5	-50.9		2	73	337	7
CANADA-EASTERN																																									
ALERT	2	1,004		-35.8						1,259	2	-25.3	3.1	1	71	39	5	2,671	2	-26.0	7.3	1	43	77	3	5,038	2	-40.5	6.8	1	30	192	3	8,351	2	-60.9	6.8	1	46	195	5
		10,856	2	-62.5		1	41	195	3	12,624	2	-63.8		1	17	242	1	15,087	4	-67.9		1	40	331	4																
EUREKA	2	1,011		-41.0						1,241	2	-24.8	4.0	1	72	51	5	2,649	2	-27.1	6.2	1	57	68	4	5,002	2	-41.5	6.4	1	39	98	3	8,310	2	-60.3	6.8	1	34	96	3
		10,831	2	-60.3		1	32	12	2	12,618	2	-61.9		1	63	339	4	15,105	2	-65.4		1	80	329	9	19,401	14	-68.7													
RESOLUTE	2									1,234	4	-25.9	2.2	1	62	8	5	2,632	4	-29.0	4.5	1	54	24	5	4,977	4	-41.8	6.7	1	40	38	5	8,301	16	-57.3	7.3	1	35	6	4
		10,863	9	-56.4		3	84	330	7	12,698	10	-57.5		6	91	323	11	15,242	10	-60.2		2	90	319	16					9	90	317	30								
HALL BEACH	2	1,005		-32.3						1,219	3	-23.7	3.2	1	41	315	2	2,625	3	-28.8	4.7	1	22	295	2	4,967	3	-42.1	5.8	1	13	238	3	8,293	3	-57.3	7.2	1	23	294	3
		10,861	3	-56.2		2	65	306	7	12,684	3	-57.3		2	78	311	9	15,227	4	-61.2		2	83	313	13	19,500	9	-65.7		6	86	320	23								
BAKER LAKE	2	1,010		-32.8	2.9					1,301	4	-23.5	3.1	2	61	321	7	2,713	4	-27.0	5.1	2	77	315	11	5,082	4	-38.7	6.8	2	89	308	17	8,442	4	-55.5	7.4	2	92	308	22
		11,027	4	-54.4		2	95	310	22	12,866	4	-55.0		2	94	312	22	15,431	6	-58.0		2	95	314	24	19,878	12	-57.3		8	95	315	34					8	95	319	40
CORAL HARBOUR	2	1,001		-30.4	2.6					1,249	4	-24.2	3.9	2	56	316	4	2,654	4	-28.6	4.7	2	62	315	7	5,006	4	-40.8	6.6	1	59	301	9	8,338	5	-56.4	7.1	2	73	307	12
		10,914	5	-55.4		2	87	308	18	12,743	5	-56.6		2	89	310	15	15,294	5	-59.8		2	89	311	18	19,624	8	-62.3		6	91	318	30					7	92	320	39
FROBISHER BAY	2	1,001		-26.6	3.4					1,218	2	-23.0	3.7	1	29	348	3	2,360	2	-27.4	5.3	1	15	306	2	4,994	2	-39.6	6.4	1	38	227	6	8,349	2	-56.1	7.2	1	59	230	10
		10,917	2	-56.6		1	71	246	9	12,736	2	-58.6		1	78	263	10	15,271	2	-61.4		1	77	275	12	19,598	10	-64.6		9	76	300	18								

UPPER AIR DATA

JANUARY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
NORTH AMERICA																																									
CANADA-EASTERN																																									
CHURCHILL	2	1,014		-26.3	3.3					1,327	3	-19.5	4.9	1	70	317	7	2,763	3	-22.4	4.7	1	84	314	12	5,175	3	-35.4	6.0	1	89	312	18	8,570	3	-54.7	7.1	1	92	310	28
		11,156	3	-53.8		1	94	312	26	13,007	4	-54.0		1	94	310	26	15,609	5	-55.3		1	95	309	27	20,046	7	-56.7		2	95	314	30	23,395	10	-55.5		8	96	319	31
INUCDJOUAC	2	1,008		-25.0	3.5					1,257	2	-21.1	4.3	1	56	304	6	2,680	2	-25.8	4.7	1	65	301	8	5,057	2	-38.4	6.2	1	71	293	11	8,432	2	-54.9	7.6	1	71	282	14
		11,020	2	-53.8		1	84	287	15	12,865	2	-55.1		1	88	292	16	15,441	2	-57.1		1	89	297	17	19,825	7	-59.8		3	87	303	26	23,135	11	-58.5					
FORT CHIMO	2	1,002		-23.6	2.8					1,241	2	-21.5	2.9	1	56	296	7	2,664	2	-24.8	3.5	1	54	282	7	5,055	2	-36.8	6.7	1	68	259	11	8,439	2	-54.9	8.2	1	71	251	15
		11,020	2	-55.6		1	80	253	16	12,848	2	-56.7		1	86	259	16	15,403	2	-59.4		1	87	268	18	19,705	5	-63.2		4	82	280	23	22,890	8	-63.5		8	77	289	28
TROUT LAKE	2	989		-23.3	2.3					1,346	2	-17.8	5.3	1	68	312	7	2,792	2	-21.0	7.1	1	84	317	11	5,223	2	-33.0	6.8	1	89	313	19	8,649	2	-53.9	7.4	1	89	310	27
		11,246	3	-52.9		1	91	309	26	13,106	3	-52.7		1	92	307	24	15,710	3	-54.6		1	91	306	23	20,147	4	-56.1		2	92	308	24	23,482	8	-54.5		4	93	321	26
MOOSONEE	2	1,014		-23.1	2.3					1,321	2	-18.0	3.6	1	68	310	7	2,767	2	-21.2	5.6	1	79	301	11	5,189	2	-33.9	7.2	1	78	295	15	8,612	2	-53.0	8.1	1	77	288	21
		11,221	2	-52.5		1	87	287	21	13,078	2	-52.8		1	91	288	21	15,681	2	-55.1		1	92	290	23	20,062	3	-58.4		2	89	294	24	23,289	4	-58.4		3	84	295	25
SEPT-ILES	2	1,004		-16.6	4.4					1,307	2	-14.7	4.6	1	48	293	6	2,767	2	-18.8	5.1	1	65	267	11	5,218	2	-31.1	6.3	1	74	257	17	8,672	2	-51.5	7.4	1	78	249	26
		11,269	2	-54.7		1	88	250	28	13,111	2	-54.9		1	89	255	26	15,690	2	-57.0		1	94	257	27	20,038	2	-59.6		2	89	266	27	23,220	3	-60.3		3	84	272	30
GOOSE	2	1,002		-16.4	3.8					1,270	2	-15.7	3.4	1	52	277	8	2,727	2	-19.2	5.7	1	67	258	11	5,171	2	-31.7	7.0	1	72	249	17	8,616	2	-52.0	8.1	1	82	244	26
		11,216	2	-54.7		1	89	245	27	13,052	2	-55.7		1	93	249	26	15,615	3	-58.8		2	94	254	27	19,937	5	-62.2		3	89	259	29	23,098	7	-62.2		5	85	261	34
MANIWAKI	2	992		-13.2	2.9					1,346	2	-12.5	3.7	1	66	283	8	2,821	2	-16.5	6.5	1	82	279	14	5,288	2	-29.9	7.8	1	83	274	20	8,755	2	-51.5	8.6	1	79	268	27
		11,360	2	-53.8		1	85	267	26	13,214	2	-53.2		1	90	269	30	15,804	2	-55.9		1	94	272	24	20,178	4	-58.1		2	91	281	22	23,395	5	-58.8		2	83	288	22
STEPHENVILLE	2	1,001		-4.7	2.0					1,336	2	-9.8	2.8	1	80	242	13	2,826	2	-13.6	6.3	1	86	248	21	5,324	2	-26.7	9.4	2	89	250	2	8,826	2	-50.3	8.8	4	88	251	32
		11,419	2	-56.4		9	93	254	29	13,243	2	-66.2		9	93	251	29	15,802	2	-58.7		9	94	254	27	20,136	2	-60.8		9	91	261	24	23,308	2	-60.5					
SHELBURNE	2	1,010		-3.5	1.8					1,388	2	-6.8	5.7	1	82	257	14	2,894	2	-10.7	9.9	1	85	250	20	5,414	2	-25.2	9.4	1	88	249	28	8,941	2	-48.3	8.7	2	86	246	37
		11,543	2	-56.8		8	91	253	33	13,369	2	-55.8		8	94	256	33	15,940	2	-57.8		7	96	261	25	20,292	3	-58.8		9	95	273	20	23,500	3	-58.1		6	86	273	20
SABLE ISLAND	2	1,014		0.5	2.6					1,410	2	-3.5	8.6	1	80	245	15	2,931	2	-8.6	10.4	1	88	244	21	5,468	2	-23.4	11.8	1	89	246	29	9,013	2	-48.3	9.8	1	84	247	36
		11,608	2	-57.7		1	91	247	37	13,426	2	-56.3		1	94	250	32	15,989	2	-58.5		1	96	255	27	20,339	3	-59.4		2	90	260	20	23,538	5	-58.2		3	83	265	20
ST. JOHN'S (TORBAY)	2									1,402	6	-3.6	6.7	1	88	243	17	2,921	6	-9.0	10.5	1	90	244	22	5,452	6	-23.5	7.7	1	92	244	30	8,986	8	-48.2	8.1	1	91	244	41
		11,577	8	-59.4		2	93	245	37	13,378	8	-58.7		3	96	246	33	15,914	9	-60.4		1	96	249	30	20,209	8	-62.6		2	94	257	26	23,356	9	-61.8		6	85	268	27
UNITED STATES-NORTHWEST																																									
QUILLAYUTE	2	1,007		6.7	2.2					1,437	2	1.6	7.1	2	86	198	13	2,980	2	-6.3	8.5	3	86	219	13	5,533	3	-22.8	6.5	3	90	228	20	9,079	3	-49.3		7	82	237	25
		11,663	4	-57.0		9	91	252	24	13,499	4	-54.0		9	93	252	22	16,085	6	-56.0		8	90	256	15	20,494	12	-54.5		12	81	292	6	23,800	13	-52.1		13	67	355	7
MEDFORD	2	971		4.4	2.2					1,491	0	5.2	8.8	0	86	189	7	3,053	0	-2.7	10.5	0	88	226	16	5,644	0	-19.2	8.7	0	84	240	21	9,240	0	-46.4		3	84	248	27
		11,833	0	-59.9		8	90	246	27	13,646	0	-57.2		8	93	255	22	16,187	0	-60.7		6	92	256	14	20,522	0	-58.0		3	38	331	2	23,764	0	-55.6		3	75	58	7
SPOKANE	2	935		-1.9	1.2					1,481	1	0.8	6.8	5	82	222	8	3,023	1	-5.9	7.5	4	89	247	12	5,584	1	-21.5	7.0	4	89	259	20	9,148	2	-48.6		6	89	266	28
		11,726	3	-58.8		7	91	266	29	13,546	3	-56.2		7	94	275	25	16,107	4	-58.1		8	93	277	18	20,486	6	-55.9		8	91	306	11	23,739	9	-54.5		10	87	337	12
GREAT FALLS	2	888		1.0	7.2					1,468	0	3.4	12.2	0	94	243	11	3,017	0	-5.6	10.3	0	92	281	14	5,579	0	-22.1	9.5	0	84	283	19	9,144	1	-48.6		1	83	282	28
		11,733	4	-60.8		4	89	285	29	13,541	6	-56.8		6	92	287	25	16,103	7	-58.5		7	93	291	18	20,466	12	-57.1		12	90	311	12	23,722	16	-55.0		16	79	334	11
BISMARCK	2	957		-7.8	2.5					1,438	1	-1.9	9.5	3	72	307	10	2,967	0	-7.8	9.1	3	91	308	17	5,513	0	-23.0	8.9	2	90	308	22	9,051	0	-50.2		6	85	301	28
		11,649	3	-58.2		10	87	304	28	13,469	4	-55.5		12	90	300	24	16,043	4	-57.3		12	92	304	21	20,435	4	-56.4		17	90	322	13	23,715	6	-54.7		18	77	5	9
HURON/HOWES MUN	2	971		-8.6	3.4					1,445	0	-1.4	10.3	2	73	313	10	2,980	0	-6.6	9.7	1	91	307	16	5,535	0	-22.5	7.9	1	87	307	20	9,082	0	-49.3		2	84	307	27
		11,660	1	-57.9		3	86	301	27	13,486	1	-55.4		3	93	298	26	16,056	2	-57.6		3	94	301	22	20,452	8	-57.3		9	84	309	12	23,641	15	-57.5		16	77	314	16
RAPID CITY	2	905		-2.5	5.1					1,472	0	3.2	13.0	0	84	313	9	3,022	0	-4.9	12.5	0	89	313	14	5,589	0	-21.6	10.4	0	89	305	18	9,148	0	-49.0		0	84	307	25
		11,726	0	-60.1		0	85	303	27	13,541	0	-56.9		0	91	298	23	16,091	0	-59.5		0	93	301	19	20,454	3	-57.8		3	86	317	10	23,713	7	-56.1		9	71	355	9
BOISE	2	922		-3.5	1.9					1,525	2	2.0	6.9	5	44	176	3	3,080	2	-3.5	9.4	4	79	259	9	5,663	2	-19.7	8.0	3	86	261	18	9,253	2	-46.6		3	80	261	23
		11,850	2	-59.0		7	87	277	25	13,667	3	-57.4		8	90	276	21	16,212	3	-60.5		7	92	281	15	20,557	3	-56.9		4	71	328	4	23,813	4	-54.3		5	75	43	7
WINNEMUCCA	2	873		0.8	3.3					1,526	0	4.2	7.2	0	63	186	3	3,095	0	-1.5	11.2	0	84	247	10	5,696	0	-18.3	10.1	0	83	262	16	9,303	0	-45.7		3	80	258	20
		11,898	0	-60.6		4	89	268	24	13,703	0	-58.9		6	90	273	20	16,227	0	-62.3		6	88	277	12	20,533	4	-58.7		8	53	9	2	23,772	6	-55.7		9	82	62	8
ELY	2	813		-3.2	3.1													3,115	0	-0.6	12.7	11	67	241	6	5,731	1	-17.2	12.3	6	78	278	13	9,347	4	-45.1		8	77	286	17
		11,947	4	-60.9		11	83	285	20	13,738	5	-59.6		14	87	291	19	16,256	5	-63.7		15	88	291	11	20,537	5	-59.4		11	50	26	3	23,752	7	-56.8		11	74	58	8
SALT LAKE CITY	2	879		-3.3	2.5					1,550	0	-0.5	5.1	1	81	176	3	3,108	0	-2.6	9.8	1	76	268	7	5,700	0	-18.4	8.9	0	78	285	15	9,303	0	-46.3		0	78	283	21
		11,893	0	-60.7		4	88	292	24	13,693	0	-58.7		4	90	291	20	16,218	0	-62.1		4	93	292	15	20,528	1	-58.7		3	67	347	4	23,755	2	-56.5		3	70	37	7
GRAND JUNCTION	2	859		-1.9	5.2					1,558	0	-0.2	6.7	0	81	123	2	3,110	0	-2.9	11.7	0	58	276	4	5,704	0	-18.2	11.0	0	81	301	14	9,314	0	-45.7		0	78	296	21
		11,910	0	-61.0		3	85	299	22	13,708	1	-58.5		4	88	297	19	16,228	2	-62.9		5	90	289	15	20,515	4	-59.4		7	54	348	4	23,733	4	-56.8		6	66	33	7
DENVER	2	839		-0.5	11.4													3,069	0	-1.6	15.4	1	86	303	10	5,660	0	-19.4	14.1	1	83	313	16	9,255	0	-46.6		3	78	307	23
		11,848	0	-60.6		5	81	300	23	13,655	1	-58.8		5	88	299	21	16,182	1	-61.2		5	88	296	15	20,493	2	-59.5		5	71	341	6	23,714	5	-56.5		8	74	29	8
OMAHA (NORTH)	2	971		-4.3	5.1					1,462	0	0.7	14.2	0	73	309	10	3,005	0	-5.4	13.8	0	84	307	14	5,571	0	-21.5	11.0	1	80	298	18	9,133	0	-48.5		2	76	302	24
		11,719	0	-58.5		4	82	296	24	13,539	0	-56.6		4	92	293	24	16,102	1	-58.9		4	92	295	20	20,443	1	-58.9		3	86	310	11	23,671	4	-57.2		5	66	335	9
NORTH PLATTE	2	920		-4.6	3.1					1,484	0	3.2	12.3	0	73	303	10	3,038	0	-4.3	13.1	0	84	306	14	5,609	0	-21.1	11.4	0	81	307	17	9,194	2	-47.6		2	78	306	21
		11,781	2	-59.9		3	83	304	25	13,593	2	-57.3		3	92	298	23	16,139	2	-60.1		3	91	299	18	20,480	3	-58.7		5	85	323	10	23,703	4	-56.9		4	66	354	9
UNITED STATES-NORTHEAST																																									
INTERNATIONAL FALLS	2	973		-14.8	2.1					1,389	0	-10.8	6.8	4	61	308	7	2,878	0	-13.3	9.0	0	83	314	15	5,374	0	-27.1	8.2	0	91	310	24	8,870	0	-51.6		0	86	310	32
		11,460	0	-55.7		1	89	307	28	13,303	2	-54.3		2	92	304	25	15,895	2	-56.0		3	92	303	23	20,331	5	-56.5		5	90	310	18	23,609	9	-55.9		10	82	319	14
ST. CLOUD	2	980		-10.8	2.9					1,419	0	-6.1	8.0	0	70	303	9	2,931	0	-9.8	10.6	0	82	310	16	5,458	0	-24.6	8.2	0	88	310	24	8,982	0	-50.5		0	83	310	31
		11,569	0	-56.9		0	87	307	30	13,400	0	-55.0		0	92	303	27	15,981	0	-57.0		1	93	301	23	20,360	3	-57.2		5	87	314	15	23,617	5	-56.5		7	83	330	13
SAULT STE. MARIE	2	988		-12.0	3.1					1,374	1	-11.9	6.7	20	69	288	8	2,851	1	-16.2	8.0	20	81	277	12	5,318	1	-30.2	8.2	20	77	274	17	8,784	1	-51.3		20	78	282	21
		11,394	1	-53.5		20	83	276	23	13,247	1	-53.2		20	91	279	25	15,845	1	-55.7		20	90	279	24	20,236	1	-58.0		20	89	284	31	23,494	8	-56.8					
CARIBOU	2	988		-12.5	2.5					1,341	0	-11.8	4.7	3	55	272	9	2,819	0	-15.9	6.9	3	76	260	15	5,296	0	-28.8	8.2	3	75	252	20	8,781	3	-50.6		8	86	260	29
		11,372	5	-54.5		11	94	258	31	13,213	5	-54.5		11	93	258	29	15,800	6	-56.4		13	94	265	25	20,173	10	-59.9		19	94	279	23	23,393	13	-59.8		20	78	287	20
PORTLAND/INTL JET PORT	2	1,012		-5.6	6.2					1,387	0	-6.8	8.8	3	70	281	9	2,887	0	-12.9	9.7	2	86	262	16	5,389	0	-26.9	8.6	1	86	259	25	8,896	0	-49.5		3	85	256	32
		11,503	0	-55.0		5	92	262	32	13,347	0	-54.4		6	92	264	27	15,930	0	-57.1		5	92	265	25	20,307	2	-59.0		6	94	269	19	23,540	5	-57.2		8	82	280	17
DAYTON	2	983		-3.8	5.7					1,444	0	-5.0	7.6	1	82	280	10	2,961	0	-9.1	10.1	2	85	284	16	5,495	1	-24.1	10.3	3	87	285	22	9,036	2	-48.1		3	81	280	25
		11,653	2	-54.7		3	89	282	27	13,501	2	-54.4		4	93	276	29	16,077	2	-58.3		3	93	278	24	20,428	4	-58.5		4	89	291	13	23,642	7	-56.9		10	50	291	9

UPPER AIR DATA

JANUARY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
NORTH AMERICA																																									
UNITED STATES-NORTHEAST																																									
BUFFALO	2	989		-4.1	3.5					1,403	0	-8.9	4.8	2	83	271	12	2,896	0	-13.5	8.3	2	82	279	15	5,397	0	-26.9	8.7	2	79	277	22	8,899	0	-50.3		7	70	269	27
		11,501	0	-54.6		10	86	270	27	13,334	2	-53.9		11	93	268	28	15,921	2	-57.0		11	96	270	23	20,294	8	-57.9		13	89	283	18	23,524	12	-57.7		14	74	297	13
WASHINGTON DULLES	2	1,008		-3.2	5.4					1,436	0	-3.5	9.8	4	78	288	10	2,959	0	-8.3	9.7	3	82	267	15	5,500	1	-22.9	10.6	2	83	269	22	9,053	0	-47.7		1	81	264	29
		11,663	0	-56.0		1	91	265	34	13,497	0	-55.9		2	95	266	30	16,058	0	-58.8		2	94	267	23	20,399	3	-59.2		7	89	276	13	23,629	6	-57.9		11	64	291	10
UNITED STATES-SOUTHWEST																																									
OAKLAND	2	1,020		10.0	2.0					1,523	0	8.8	14.4	5	64	210	5	3,108	0	1.2	16.1	3	78	235	9	5,730	0	-16.3	10.8	3	78	247	15	9,359	2	-44.2		2	78	254	21
		11,969	3	-59.1		5	89	268	26	13,778	3	-58.8		8	94	271	25	16,289	3	-64.3		8	94	263	16	20,562	5	-60.3		6	26	52	1	23,780	7	-56.8		9	86	71	10
SAN DIEGO	2	1,004		11.4	4.3					1,533	0	12.4	18.4	0	45	263	2	3,136	0	4.0	17.0	0	38	286	3	5,781	0	-14.3	14.1	0	55	275	7	9,440	0	-43.1		0	65	272	12
		12,065	0	-58.1		1	86	272	20	13,870	1	-60.2		2	86	276	19	16,352	1	-67.9		2	92	272	14	20,554	3	-62.2		3	63	73	3	23,749	4	-57.4		4	93	77	10
DESERT ROCK	2	906		5.8	9.4					1,533	0	8.4	14.0	1	55	115	2	3,119	0	1.9	15.8	0	45	242	4	5,751	0	-15.3	13.3	0	72	267	10	9,395	2	-43.6		2	76	271	16
		12,007	3	-59.7		6	88	281	20	13,807	3	-59.5		8	91	281	19	16,315	4	-65.0		7	92	281	13	20,566	6	-60.6		7	53	21	3	23,769	9	-56.7		9	72	57	8
EL PASO	2	887		0.0	7.3					1,546	0	8.4	15.5	0	30	1	1	3,133	0	1.8	16.9	0	60	295	5	5,764	0	-15.2	15.0	0	66	310	8	9,415	0	-42.8	6.6	0	77	303	15
		12,055	0	-56.9		0	90	290	24	13,864	0	-60.6		0	94	284	24	16,345	1	-67.5		1	93	287	18	20,531	1	-63.6		1	45	8	3	23,709	2	-58.4		2	82	68	8
ALBUQUERQUE	2	843		0.8	6.6													3,118	0	-0.2	14.3	1	69	311	6	5,736	0	-16.3	14.0	0	70	306	11	9,370	0	-44.4		0	66	313	15
		11,986	2	-58.9		3	89	292	23	13,791	3	-60.0		4	91	284	22	16,289	3	-65.8		4	93	288	19	20,531	4	-61.3		4	55	357	4	23,729	4	-57.6		5	76	56	8
OKLAHOMA CITY/W ROGERS WORLD	2	975		2.1	7.1					1,512	0	6.2	16.8	1	55	282	6	3,083	0	-1.3	16.0	4	73	294	8	5,684	0	-18.3	12.9	2	79	291	14	9,288	1	-46.0		1	82	291	21
		11,900	1	-57.6		1	88	286	28	13,717	1	-58.4		4	91	285	24	16,240	5	-64.3		7	94	285	20	20,496	5	-61.7		7	73	311	8	23,691	5	-57.5		8	53	32	6
STEPHENVILLE	2	975		4.2	5.8					1,529	0	8.2	17.7	1	53	276	5	3,109	0	-0.2	15.3	0	74	302	7	5,723	0	-16.4	14.7	1	70	294	11	9,355	2	-43.8		4	82	275	21
		11,984	3	-57.0		5	90	277	29	13,800	3	-59.6		6	94	277	29	16,294	3	-66.6		7	95	277	23	20,503	3	-63.2		7	62	307	5	23,684	5	-57.7		6	45	46	5
VICTORIA	2	1,018		8.5	2.6					1,538	0	8.8	12.1	3	32	287	2	3,125	0	1.4	16.3	1	74	292	8	5,756	0	-14.5	15.7	0	74	277	13	9,420	0	-41.6	9.6	0	84	273	23
		12,075	0	-55.3		1	94	274	31	13,891	0	-60.5		0	96	271	30	16,363	0	-69.2		0	97	276	22	20,518	4	-64.3		4	44	314	2	23,692	6	-58.0		6	54	51	5
BROWNSVILLE	2	1,020		11.2	1.7					1,544	0	10.5	11.7	2	11	247	1	3,144	0	3.8	16.8	0	71	281	6	5,796	0	-12.5	16.2	0	88	271	14	9,489	0	-39.7	10.4	1	92	270	28
		12,159	0	-54.9		0	96	263	34	13,969	0	-62.1		0	97	264	30	16,417	0	-71.5		0	97	267	21	20,525	3	-65.4		3	23	11	1	23,690	3	-57.7		3	74	67	5
UNITED STATES-SOUTHEAST																																									
WALLOPS ISLAND	2	1,018		0.4	5.4					1,459	0	-1.5	10.8	0	69	269	9	2,990	0	-7.0	12.1	1	84	265	17	5,543	0	-22.1	10.1	1	83	265	24	9,113	1	-46.5		2	81	262	32
		11,733	2	-57.0		4	89	265	38	13,553	3	-55.6		4	93	266	35	16,107	3	-59.9		5	95	265	26	20,429	4	-59.8		8	89	275	13	23,637	4	-57.1		9	59	292	9
MONETT	2	969		-0.5	5.6					1,500	0	3.2	15.7	0	67	292	9	3,056	0	-3.7	14.9	0	78	296	12	5,639	0	-19.7	11.9	2	81	302	17	9,224	2	-47.6		5	79	294	24
		11,809	4	-58.8		5	87	287	28	13,627	3	-57.6		5	92	286	26	16,160	3	-61.8		5	95	285	21	20,452	6	-60.9		8	79	314	8	23,658	10	-57.8		11	48	2	5
NORTH LITTLE ROCK	2	1,002		2.2	6.7					1,512	0	4.1	17.0	0	63	299	7	3,071	0	-2.8	15.0	0	78	299	11	5,660	0	-18.9	13.4	0	80	294	16	9,253	0	-47.0		1	79	284	22
		11,855	0	-57.7		1	91	279	30	13,673	0	-58.6		2	93	278	29	16,188	0	-63.9		2	94	280	20	20,440	0	-61.6		1	78	312	7	23,633	1	-58.4		1	39	12	4
LONGVIEW	2	1,009		5.9	7.2					1,535	0	6.6	13.5	0	58	295	6	3,107	0	-1.1	15.9	0	74	301	8	5,715	0	-17.3	13.8	1	74	287	13	9,342	1	-44.6		1	79	282	23
		11,963	1	-56.9		7	92	276	29	13,780	1	-59.2		4	95	276	28	16,272	2	-66.4		5	95	280	20	20,491	2	-62.3		5	65	332	4	23,685	6	-57.4		9	52	59	5
NASHVILLE	2	1,000		-0.9	4.3					1,486	0	-0.3	12.6	0	70	286	8	3,027	0	-5.6	12.5	0	87	291	14	5,590	0	-21.3	12.6	2	86	285	19	9,157	3	-46.5		10	78	290	24
		11,774	3	-56.5		13	88	285	26	13,601	4	-56.2		15	95	280	28	16,142	4	-62.0		16	94	280	18	20,433	4	-60.7		15	90	312	7	23,625	5	-58.1		10	74	1	7
WAYCROSS	2	1,015		6.5	5.0					1,509	0	5.7	11.0	1	73	277	7	3,081	0	-0.7	13.6	0	82	273	12	5,693	0	-16.6	12.4	0	90	268	21	9,325	0	-43.9		1	93	258	31
		11,959	0	-55.1		3	96	264	41	13,781	0	-59.8		3	97	264	39	16,266	0	-67.2		3	96	265	26	20,464	3	-63.0		5	65	277	4	23,650	4	-57.8		4	34	21	3
CAPE HATTERAS	2	1,020		5.0	3.9					1,482	0	1.3	11.1	1	72	261	8	3,030	0	-4.2	12.3	0	84	266	14	5,609	0	-19.9	10.7	1	87	260	20	9,222	1	-45.2		5	87	253	27
		11,839	1	-57.4		11	91	258	30	13,660	1	-57.7		12	94	264	31	16,181	1	-63.4		12	92	262	21	20,444	6	-61.3		14	92	276	11	23,644	6	-57.4		13	71	314	6
CHARLESTON	2	1,020		4.1	3.4					1,500	0	4.1	12.9	1	76	271	8	3,063	0	-2.1	14.2	1	79	270	12	5,662	0	-18.2	11.6	2	89	262	20	9,277	0	-44.8		2	91	259	34
		11,902	0	-56.0		5	94	264	38	13,723	0	-58.6		8	95	267	35	16,221	0	-66.0		8	96	265	24	20,444	2	-62.5		9	78	280	6	23,636	3	-57.5		7	33	356	2
CENTREVILLE	2	1,006		1.9	6.0					1,514	0	4.6	15.3	1	72	292	7	3,077	0	-2.3	16.2	0	85	288	12	5,671	0	-18.3	12.8	0	87	279	20	9,287	0	-44.3		1	89	270	27
		11,929	1	-56.1		3	95	270	34	13,754	1	-58.6		3	97	268	35	16,259	1	-65.2		3	97	272	24	20,487	2	-62.2		4	82	290	8	23,674	2	-58.3		3	40	340	4
APALACHICOLA	2	1,021		8.1	4.5					1,524	3	7.4	11.4	8	80	284	7	3,102	4	0.4	13.1	7	84	282	10	5,724	4	-15.6	14.1	7	88	269	17	9,375	5	-42.5	8.2	7	93	265	31
		12,023	6	-54.4		7	97	264	42	13,847	6	-59.7		8	97	266	39	16,320	6	-69.1		10	98	268	28	20,488	9	-64.5		11	83	276	8	23,671	10	-57.1		11	35	345	3
WEST PALM BEACH	2	1,019		14.1	2.0					1,539	0	10.2	9.4	8	57	270	4	3,134	0	3.4	14.5	9	74	256	8	5,785	0	-12.6	16.2	8	95	269	14	9,469	4	-40.4	7.7	8	93	265	26
		12,134	5	-53.9		9	98	260	39	13,956	6	-61.0		11	98	263	37	16,412	6	-70.8		11	98	266	26	20,537	8	-64.8		12	76	267	3	23,708	9	-57.7		12	77	75	4
KEY WEST	2	1,019		18.5	3.4					1,543	0	11.3	8.6	1	25	251	2	3,145	0	4.3	15.8	0	76	264	6	5,808	0	-11.3	15.6	1	96	263	15	9,521	0	-39.0	10.4	0	96	267	28
		12,206	0	-53.7		0	99	260	40	14,021	0	-62.3		0	98	261	37	16,455	1	-73.0		2	97	265	25	20,535	2	-66.1		2	73	277	3	23,704	2	-57.6		2	45	53	2
MEXICO-NORTHERN																																									
EMPALME	2	1,014		14.5	9.2					1,528	0	15.2	18.4	0	20	1	1	3,141	0	5.4	17.5	0	19	300	1	5,803	0	-12.8	15.4	0	53	300	6	9,490	0	-40.4	9.8	0	79	278	13
		12,152	0	-55.7		0	91	275	23	13,967	0	-60.7		0	92	276	21	16,432	0	-69.9		0	93	275	14	20,571	4	-64.9		4	40	37	2	23,739	5	-58.1		7	73	74	6
MAZATLAN CARRASCO	2	1,013		17.4	1.7					1,519	0	17.6	17.7	1	36	140	1	3,145	0	6.4	16.8	1	64	214	5	5,819	0	-10.8	14.3	0	85	260	9	9,540	0	-38.3	9.3	0	92	263	23
		12,210	0	-56.6		0	92	263	27	14,010	0	-63.0		0	96	258	22	16,437	1	-73.4		1	98	260	17	20,497	10	-67.2		14	64	70	3	23,654	21	-58.5		21	88	87	7
CHIHUAHUA UNIV. DE	2	862		1.5	4.4					1,542	0	6.7	10.3	0	41	286	1	3,135	0	3.2	14.4	0	38	263	3	5,782	0	-13.6	15.7	0	72	293	8	9,460	0	-40.8	7.3	1	83	282	16
		12,116	1	-55.7		2	90	278	24	13,930	3	-60.9		4	94	274	23	16,392	3	-70.1		5	95	274	17	20,538	7	-64.3		8	53	47	3	23,707	9	-57.8		9	90	68	8
GUADALAJARA	2	848		6.6	-4.4													3,149	5	5.9	10.9	6	31	149	2	5,828	5	-9.8	13.2	5	88	259	9	9,572	6	-37.3	8.6	7	95	264	19
		12,258	6	-54.7		10	95	255	23	14,061	6	-63.4		13	98	255	19	16,488	6	-73.7		15	99	255	15	20,537	11	-66.6		13	49	21	2	23,686	15	-59.2		15	68	65	2
MEXICO-SOUTHERN																																									
VERACRUZ, YLANG YLANG	2	1,017		17.1	2.6					1,543	1	12.0	6.2	1	44	330	2	3,152	1	6.6	14.5	3	46	351	2	5,846	1	-7.7	16.2	3	87	233	8	9,600	1	-37.0	9.7	2	94	236	18
		12,293	2	-54.1		3	96	223	23	14,101	2	-63.0		3	98	224	24	16,519	2	-74.8		2	98	228	15	20,550	3	-67.4		4	18	340	1	23,705	5	-57.7		6	74	34	3
MERIDA AEROP. INTL.	2	1,015		16.8	0.8					1,523	1	11.7	4.7	5	34	102	2	3,128	1	4.7	11.7	4	43	247	2	5,809	1	-9.0	16.9	2	91	263	9	9,550	2	-37.1	10.3	2	97	262	24
		12,247	2	-53.7		3	98	248	31	14,058	2	-63.1		2	99	251	29	16,476	2	-75.0		2	99	257	20	20,501	4	-67.4		4	8	324	**	23,655	4	-57.9		5	69	46	2
GUATEMALA																																									
GUATEMALA/LA AURORA AP	2	854		12.1	1.5					1,539	0	11.6	1.6	1	100	14	6	3,150	0	6.7	11.8	1	65	52	3	5,854	0	-6.6	19.6	2	46	267	2	9,619	0	-36.0	14.4	1	95	238	17
		12,327	0	-53.4		1	95	235	19	14,130	0	-65.1		1	94	236	19	16,526	0	-77.0		1	81	243	8	20,540	1	-66.5		2	60	276	3	23,701	1	-57.1		2	24	351	1

UPPER AIR DATA

JANUARY 1986

STATION	TIME OF OBSERVATIONS	SURFACE= 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
NORTH AMERICA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
BELIZE																																									
BELIZE INTL. AIRPORT	2	1,017		19.3	0.5					1,536	2	12.7	4.1	3	53	84	3	3,148	2	5.4	7.7	2	45	102	2	5,845	2	-7.4	18.4	3	83	276	6	9,604	2	-36.4	13.3	2	96	268	18
		12,313	4	-53.2		4	96	252	22	14,117	4	-65.0		5	98	260	20	16,511	4	-76.9		6	94	264	12	20,517	5	-67.2		6	59	286	3	23,678	6	-57.3		8	51	48	2
ADJACENT ISLANDS																																									
NASSAU INTL.AP BAHAMAS	2	1,019		17.8	2.3					1,539	1	11.3	7.9	1	25	241	2	3,139	1	3.7	15.4	2	74	248	6	5,794	1	-11.9	15.9	1	93	261	15	9,496	1	-39.6	8.7	1	96	267	31
		12,176	1	-53.8		1	98	264	45	13,987	1	-63.1		1	98	264	40	16,405	1	-74.6		1	98	264	29	20,470	1	-65.7		2	53	290	3	23,638	1	-57.9		1	55	62	4
OWENS ROBERTS AP, GRAND CAYM	2	1,016		22.4	3.1					1,542	0	13.7	3.9	3	60	72	3	3,156	0	6.2	12.9	1	24	160	1	5,850	0	-7.6	18.2	1	86	267	7	9,610	0	-35.8	13.0	4	98	269	22
		12,320	0	-52.7		6	98	255	28	14,129	0	-64.3		12	95	259	21	16,530	0	-76.4		13	93	257	13	20,532	1	-67.9		11	36	24	1	23,691	1	-57.3		9	51	67	2
KINGSTON/NORMAN MANLEY, JAM.	2	1,015		23.8	6.1					1,533	0	14.7	3.7	1	91	97	7	3,152	0	6.3	11.4	2	75	96	4	5,852	0	-7.0	19.1	1	57	273	4	9,623	1	-34.4	14.4	3	97	268	24
		12,349	3	-52.2		5	98	251	28	14,157	1	-64.8		4	96	257	22	16,557	1	-76.4		4	91	263	13	20,558	1	-67.1		6	42	291	2	23,728	5	-56.4		8	29	40	1
SAN JUAN/INT., P.R.	2	1,017		20.3	1.5					1,547	0	13.1	4.0	0	95	107	7	3,160	0	6.6	14.9	0	82	107	5	5,854	0	-8.0	18.0	0	4	284	**	9,622	0	-34.2	14.2	1	96	301	22
		12,350	0	-52.8		0	99	288	28	14,154	0	-65.0		0	97	296	23	16,547	0	-77.0		0	88	304	11	20,553	0	-66.4		0	37	56	1	23,726	0	-56.3		0	45	79	2
RAIZET, GUADELOUPE	2	1,016		21.6	2.1					1,540	0	13.3	4.9	0	97	99	8	3,152	0	7.2	20.1	0	92	91	7	5,851	0	-7.5	25.0	0	29	64	2	9,632	0	-32.8	20.1	0	98	294	20
		12,369	0	-52.0		0	96	286	25	14,174	0	-65.2		0	95	300	21	16,557	0	-78.0		0	79	318	11	20,531	2	-68.2		3	30	321	2	23,679	0	-57.8		9	40	327	2
GRANTLEY ADAMS AP,BARBADOS	2	1,010		25.0	4.0					1,534	20	14.1	2.7	20	97	80	7	3,152	20	7.0	12.8	20	42	276	2	5,857	20	-6.8	19.3	20	84	326	5	9,647	20	-33.2	13.7	20	99	288	30
		12,379	20	-52.9		20	99	285	34	14,181	20	-65.1		20	96	307	28	16,563	20	-78.7		20	84	328	12	20,585	20	-65.4		20	97	284	6	23,770	20	-55.9		21	26	118	1
PIARCO INT. AP. TRINIDAD	2	1,013		23.0	0.5					1,534	2	15.7	2.9	2	94	81	9	3,163	1	8.4	12.1	1	30	86	2	5,876	2	-5.5	17.8	3	34	345	2	9,695	3	-31.5	13.9	3	96	276	14
		12,432	3	-53.7		3	79	276	13	14,231	5	-66.5		6	71	307	11	16,601	7	-78.9		8	42	9	5	20,607	7	-65.6		8	91	281	7	23,773	11	-57.0		12	61	283	3
HATO AP,CURACAO	3	1,007		24.9	2.9					1,519	0	15.6	4.3	0	97	97	11	3,147	0	7.7	9.8	0	56	107	7	5,856	0	-5.7	17.8	0	25	50	2	9,671	0	-31.9	13.3	0	89	267	14
		12,405	0	-53.6		0	87	261	17	14,200	0	-66.2		0	73	266	13	16,578	0	-78.2		1	33	5	3	20,595	5	-65.9		5	77	276	5	23,761	5	-57.0		5	40	278	2
SAN ANDRES,COLOMBIA	2	1,013		24.9	3.6					1,521	22	14.5	2.3					3,141	22	6.6	8.3					5,855	22	-5.5	18.6					9,645	22	-33.7	13.4				
		12,365	22	-52.5						14,170	22	-64.1						16,578	22	-76.6						20,597	23	-67.3						23,776	23	-54.7					
DOMINICAN REPUBLIC																																									
SANTO DOMINGO	2	1,015		21.0	1.4					1,539	6	14.0	3.2	6	86	119	5	3,156	6	6.4	11.1	6	74	130	4	5,856	6	-7.0	19.2	6	49	293	4	9,634	6	-33.6	14.2	6	96	301	23
		12,367	6	-52.1		8	97	289	25	14,180	8	-64.7		11	97	296	20	16,585	14	-76.7		15	89	294	9	20,589	16	-66.3		18	53	98	2	23,769	16	-56.4		18	56	84	3
SOUTH AMERICA																																									
VENEZUELA																																									
MARACAY-B.A. SUCRE		964		20.1	3.1					1,512	3	16.7	8.0	5	90	100	6	3,142	3	9.3	9.6	5	49	95	6	5,855	3	-5.2	24.3	5	10	65	1	9,679	3	-31.2	20.0	5	80	280	23
		12,421	4	-53.2		5	69	250	22	14,200	4	-66.1		5	53	265	19	16,604	4	-78.0		6	22	320	7	20,653	12	-65.7						23,841	13	-56.2					
SAN ANTONIO DEL TACHIRA		970		21.7	2.2					1,498	4	16.7	3.2		98	130	10	3,128		7.4	2.8		98	140	14	5,836		-5.0	19.9		23	335	2	9,659		-31.4	16.4		83	215	16
		12,391		-54.0			69	235	17																																
FRENCH GUIANA																																									
CAYENNE/ROCHAMBEAU	2	1,010		24.2	1.6					1,502	0	16.0	1.9	0	95	74	8	3,134	0	9.2	8.1	0	92	94	6	5,847	0	-5.9	8.5	0	38	215	2	9,668	0	-31.0	13.2	1	86	277	8
		12,412	0	-52.8		2	62	224	9	14,211	0	-66.1		2	77	310	11	16,586	1	-78.5		3	52	323	5	20,579	4	-67.8		8	94	284	11	23,697	4	-62.2		9		268	21
COLOMBIA																																									
GAVIOTAS	2	992		23.4	3.7					1,510	0	18.5	5.4	1	95	25	13	3,148	0	9.1	5.4	1	51	100	7	5,864	0	-4.5	13.3	1	2	24	0	9,675	0	-32.9	12.0	1	12	249	1
		12,378	0	-56.1		3	39	236	11	14,149	0	-68.1		4	8	71	1	16,528	1	-73.6		7	19	24	1	20,737	5	-58.6													
BRAZIL-NORTHERN																																									
CACHIMBO		960		23.0	2.5					1,500	12	17.9	3.5	12	50	15	3	3,133	12	9.1	3.7	12	22	31	1	5,854	12	-5.8	6.0	12	13	251	0	9,675	12	-31.1	12.3	12	63	164	4
		12,416	12	-52.3		12	88	154	10	14,226	12	-65.4		12	77	144	10																								
BELEM/AERO VAL DE CAS		1,011		26.2	3.3					1,528	5	18.4	5.9	5	97	80	7	3,170	5	9.6	8.3	5	96	85	6	5,892	5	-5.6	7.8	5	8	44	0	9,711	5	-32.1	14.8	5	50	238	4
		12,446	5	-53.5		6	48	207	5	14,241	6	-66.4		8	58	270	7	16,610	8	-79.8		9	74	254	5	20,618	14	-65.9		14	85	254	9	23,766	14	-60.9					
FORTALEZA		1,008		26.6	3.2					1,512	10	17.7	4.4	10	98	109	8	3,150	10	9.8	10.9	10	91	102	8	5,870	10	-4.8	17.6	10	32	251	2	9,683	10	-32.0	19.1	12	60	251	6
		12,415	10	-53.3		10	69	274	13	14,212	11	-65.7		12	86	286	16	16,592	14	-78.3		14	74	262	9																
NATAL		1,007		27.4	4.3					1,519	10	17.4	6.0	9	92	115	8	3,162	10	10.5	17.6	9	88	99	7	5,888	9	-4.4	19.8	9	12	104	1	9,705	10	-32.0	18.6	9	38	276	4
		12,441	10	-53.0		9	59	256	9	14,243	10	-65.2		9	78	280	12	16,628	10	-77.6		9	45	266	4	20,404	12	-67.1		12	89	258	8	23,803	12	-60.5		12	66	268	4
BRAZIL-SOUTHERN																																									
BRASILIA/AEROPORTO/		897		21.4	4.8					1,530	1	18.7	4.8	1	62	338	4	3,171	1	8.6	6.3	1	39	1	2	5,889	1	-5.8	11.9	1	23	17	2	9,708	1	-31.8	15.4	1	60	125	8
		12,444	2	-53.5		2	67	128	14	14,244	2	-66.3		3	76	143	12	16,629	10	-77.8		11	77	114	12																
TRINIDADE/ILHA/		*1,016*		*27.4*	*5.5*					*1,549*	*7*	*14.8*	*5.4*	*8*	*79*	*79*	*5*	*3,182*	*6*	*8.6*	*22.2*	*9*	*36*	*75*	*2*	*5,874*	*6*	*-6.6*	*3.6*	*9*	*40*	*52*	*2*	*9,664*	*6*	*-33.8*	*27.6*	*10*	*18*	*89*	*2*
		12,365	8	-56.6		11	72	117	9	14,088	9	-68.0		11	65	135	7	16,511	9	-77.0		12	46	131	3																
GALEAO		1,008		28.2	7.1					1,536	5	19.2	8.3	5	75	337	5	3,178	5	9.4	10.3	5	60	305	4	5,893	5	-6.0	17.3	5	51	305	4	9,701	5	-32.6	15.0	6	30	296	4
		12,435	5	-52.4		6	42	242	8	14,237	5	-65.6		7	46	236	8	16,628	5	-76.5		8	35	236	5	20,680	6	-65.3		9	44	84	7	23,865	8	-56.4		12	52	85	11
SAO PAULO(AEROPORTO)		924		23.3	6.1					1,521	1	18.9	6.2	1	68	339	4	3,165	1	9.6	12.6	1	54	315	3	5,883	1	-5.8	15.4	1	46	252	3	9,693	1	-32.1	17.1	1	56	265	7
		12,430	1	-52.4		1	62	254	10	14,218	1	-65.1		1	68	237	11	16,630	1	-76.1		1	47	198	5	20,629	4	-64.9		4	98	104	10	23,851	6	-56.4		8	98	94	14
CURITIBA (AEROPORTO)		912		21.0	4.8					1,518	6	18.0	8.0	5	64	332	3	3,159	6	9.4	12.1	5	59	287	4	5,872	7	-6.6	20.5	5	65	264	6	9,648	6	-31.1	19.6	7	62	253	9
		12,415	7	-51.7		9	71	250	14	14,229	8	-64.0		13	63	230	9	16,617	8	-74.9		16	66	194	8	20,730	11	-63.8						23,938	12	-53.8					
PORTO ALEGRE (AEROPORTO)		1,010		25.6	6.0					1,505	4	18.1	12.5	4	55	264	3	3,144	4	8.8	17.6	4	70	249	5	5,848	4	-7.5	19.5	4	68	242	6	9,631	4	-34.1	19.0	4	84	242	16
		12,362	5	-53.0		7	85	240	21	14,166	6	-64.0		9	81	226	17	16,599	8	-74.0		14	67	226	9	20,717	11	-62.6						23,929	13	-54.0					
EUROPE																																									
GREENLAND																																									
DANMARKSHAVN	3	1,009		-7.4	3.2					1,283	0	-19.7	7.3	0	52	257	4	2,725	0	-21.6	9.3	0	64	249	6	5,132	0	-36.9	8.3	0	68	255	9	8,497	0	-58.6		0	71	247	14
		10,994	0	-64.5		0	74	244	12	12,750	0	-65.0		0	77	251	10	15,197	0	-69.5		0	65	262	9	19,278															
SCORESBYSUND	3	1,000		-17.7	2.9					1,303	0	-14.0	6.3	0	7	319	1	2,765	0	-19.2	9.4	0	26	198	3	5,192	0	-34.8	10.0	0	4	227	6	8,579	0	-57.5		0	50	231	10
		11,087	0	-63.5		0	70	243	12	12,854	0	-63.4		0	82	252	13	15,327	2	-66.5		4	81	260	15																

UPPER AIR DATA

JANUARY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
EUROPE		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
GREENLAND																																									
EGEDESMINDE	3	992		-8.5	3.5					1,218	0	-13.6	6.6	0	58	176	4	2,668	0	-22.4	6.5	0	74	181	8	5,063	0	-37.5	6.2	0	71	186	13	8,428	0	-56.9		1	62	204	13
		10,966	0	-59.7		1	60	238	11	12,767	0	-60.3		1	68	238	11	15,277	0	-62.8		4	70	265	11																
ANGMAGSSALIK	3	992		-4.5	3.5					1,262	0	-11.0	4.2	0	75	82	8	2,729	0	-19.2	6.4	0	65	113	7	5,151	0	-35.5	7.2	0	37	162	5	8,540	0	-55.7		0	45	221	9
		11,090	0	-59.4		0	74	241	14	12,885	0	-60.1		0	82	244	16	15,391	1	-63.1		1	87	252	18																
NARSSARSSUAQ	3	996		-6.1	5.8					1,236	0	-10.8	7.1	0	21	105	2	2,707	0	-19.4	6.9	0	25	205	4	5,134	0	-33.6	6.7	0	44	231	9	8,554	0	-53.4		0	62	244	17
		11,137	0	-56.1		0	82	240	20	12,951	0	-58.2		0	87	243	21	15,493	1	-61.0		1	91	247	23	19,757	6	-66.4		6	82	253	27	22,899	9	-67.3					
ICELAND																																									
KEFLAVIK	2	990		-0.5	2.6					1,248	0	-7.1	5.2	0	34	126	4	2,736	0	-16.6	7.7	0	35	151	4	5,183	0	-33.7	6.2	0	33	195	5	8,598	0	-54.4		0	40	236	8
		11,160	0	-58.8		0	73	257	14	12,960	1	-60.3		1	83	264	16	15,466	1	-64.0		1	88	265	20	19,662	4	-69.3		5	87	266	28	22,717	14	-70.4		17	86	268	39
UNITED KINGDOM																																									
LERWICK	3	989		2.4	3.1					1,290	0	-5.9	4.1	0	28	219	4	2,786	0	-14.5	8.8	0	31	271	4	5,251	0	-31.6	9.9	0	46	292	7	8,668	0	-54.6		0	60	293	13
		11,234	0	-58.6		0	77	287	16	13,042	0	-58.8		0	84	284	18	15,575	0	-61.2		0	86	280	21	19,854	1	-65.3		1	90	275	32	22,976	1	-66.1		1	90	272	42
STORNOWAY	3	998		3.7	3.0					1,299	0	-4.7	3.5	0	45	259	7	2,803	0	-13.5	6.9	0	51	267	8	5,279	0	-30.5	7.5	0	59	267	12	8,716	0	-53.7		0	69	277	19
		11,285	0	-57.7		0	82	285	21	13,099	0	-58.3		0	84	283	21	15,629	0	-61.0		0	88	279	23	19,935	2	-63.3		0	88	272	30	23,111	4	-62.8		0	89	268	39
AUGHTON	3	999		3.6	2.6					1,346	0	3.6	3.5	0	58	284	9	2,857	0	-12.0	6.2	0	66	287	11	5,351	0	-28.3	7.7	0	67	290	16	8,821	0	-52.2		0	68	289	22
		11,400	0	-57.3		0	82	293	23	13,216	0	-57.8		0	88	289	22	15,778	0	-58.4		1	87	283	20	20,126	0	-59.9		1	86	274	25	23,343	3	-59.6		1	90	266	31
CRAWLEY	3	991		3.7	2.2					1,371	0	-2.3	4.5	0	62	279	10	2,888	0	-11.0	8.5	0	68	283	12	5,390	0	-27.7	8.3	0	69	291	17	8,869	0	-52.0		0	69	297	24
		11,447	0	-57.1		0	80	297	24	13,271	0	-56.7		0	86	292	21	15,830	0	-58.3		0	90	285	20	20,195	0	-58.5		0	89	273	22	23,399	0	-58.5		1	89	270	28
IRELAND																																									
VALENTIA OBSERVATORY	3	1,007		7.1	2.6					1,388	0	-1.8	2.8	0	71	280	12	2,908	0	-10.2	9.1	0	78	287	15	5,420	0	-26.4	10.8	0	75	284	21	8,923	0	-49.4	12.0	2	79	292	28
		11,514	1	-57.1		3	81	299	27	13,329	1	-57.4		4	87	294	25	15,885	1	-58.6		11	81	286	19	20,142	20	-61.0						23,309	26	-56.1					
DENMARK AND FAROE IS																																									
THORSHAVN	3	991		2.7	3.7					1,273	0	-5.7	5.6	0	13	167	2	2,770	0	-14.5	13.0	0	16	204	2	5,237	0	-31.4	10.8	0	34	248	5	8,670	0	-54.3		0	48	281	11
		11,228	0	-58.8		0	68	277	15	13,035	0	-59.0		0	77	277	17	15,563	0	-61.3		0	85	272	20	18,510	5	-64.9		6	88	266	31	22,944	10	-65.9		9	88	261	44
KOBENHAVN/JAEGERSBORG	3	998		-1.1	1.8					1,302	0	-7.1	5.8	0	42	279	5	2,795	0	-15.0	8.2	0	58	281	8	5,258	0	-31.7	9.4	0	63	278	12	8,694	0	-52.9		0	71	291	17
		11,288	0	-54.7		0	77	288	16	13,129	0	-54.9		0	79	281	17	15,708	0	-56.7		0	81	277	19	20,090	0	-59.2		0	86	272	30	23,275	1	-59.6		2	87	272	39
NORWAY																																									
BJORNOYA	3	1,005		-6.3	2.3					1,309	0	-13.5	6.2	0	6	90	1	2,762	0	-21.8	10.3	0	23	320	3	5,162	0	-37.2	10.5	0	38	311	5	8,528	0	-58.2	10.7	0	44	310	9
		11,038	2	-63.0	12.7	0	57	292	9	12,803	0	-64.1	14.8	0	64	280	9	15,259	2	-68.4	16.4	2	72	269	13	19,343	5	-76.5	17.0	6	78	264	19	22,304	12	-79.2	18.2	9	86	259	29
JAN MAYEN	3	1,004		-5.9	2.1					1,304	0	-10.8	7.2	0	21	146	2	2,776	0	-18.3	11.8	0	16	227	2	5,209	0	-34.3	11.1	1	27	233	4	8,603	1	-57.9	11.8	4	38	254	7
		11,109	1	-63.6	15.6	3	62	256	9	12,872	2	-63.5	20.3	4	77	261	12	15,327	2	-67.5	21.6	4	83	261	16	19,444	4	-74.0	22.6	6	87	265	26	22,406	8	-76.9	21.6	9	87	264	35
BODO	3	1,004		-3.6	3.2					1,303	0	-11.1	5.5	0	27	154	2	2,771	0	-19.2	7.6	0	7	34	1	5,198	0	-34.8	7.5	0	21	340	2	8,596	0	-55.9		0	39	336	6
		11,138	0	-59.7		0	52	298	7	12,938	0	-60.2		0	62	279	9	15,438	0	-64.1		0	69	271	14	19,611	0	-70.7		0	76	267	24	22,663	1	-72.1		1	64	268	28
ORLAND	3	1,001		-4.5	3.5					1,294	0	-8.2	6.7	0	20	8	2	2,777	0	-16.7	6.4	0	25	290	3	5,223	0	-33.5	7.5	0	35	315	4	8,632	0	-55.3		0	34	317	5
		11,188	0	-57.4		0	59	293	9	13,011	0	-59.0		0	75	283	13	15,524	0	-61.8		0	71	267	16	19,741	0	-67.8		1	80	271	29	22,811	0	-70.2		1	80	269	39
STAVANGER/SOLA	3	998		-2.0	3.3					1,299	0	-7.0	6.0	0	21	248	2	2,791	0	-15.5	6.8	0	32	303	4	5,250	0	-31.9	7.7	0	59	295	9	8,699	0	-53.3		0	66	303	15
		11,259	0	-56.7		0	82	290	18	13,084	0	-56.6		0	78	285	16	15,671	0	-59.1		0	84	277	20	19,955	0	-62.9		0	84	270	30	22,933	1	-63.6		1	86	273	40
OSLO/GARDERMOEN	3	979		-10.2	2.6					1,300	0	-3.9	6.0	0	19	30	2	2,782	0	-16.3	7.4	0	16	350	2	5,232	0	-32.9	9.9	0	35	300	5	8,655	0	-53.6		0	55	302	11
		11,243	0	-55.4		0	73	290	13	13,078	0	-55.0		0	77	281	15	15,641	0	-58.6		0	80	275	20	19,959	0	-62.8		0	83	271	30	23,127	1	-63.4		1	86	270	40
FINLAND																																									
SODANKYLA	3	986		-18.9	1.9					1,314	0	-12.6	4.4	0	12	232	1	2,775	0	-20.4	7.8	0	19	252	2	5,190	0	-35.8	9.2	0	28	255	3	8,566	0	-57.2	9.6	0	33	258	4
		11,101	0	-60.2		0	63	268	7	12,893	0	-60.8		0	74	270	10	15,397	0	-64.9		0	80	270	14	19,588	2	-71.4		2	84	268	25	22,612	5	-72.8		5	87	264	36
JYVASKYLA	3	989		-12.4	1.7					1,312	0	-10.4	5.0	0	27	162	2	2,784	0	-18.3	7.0	0	32	208	3	5,214	0	-34.8	7.8	0	50	239	6	8,604	0	-56.2	9.7	0	57	247	8
		11,160	0	-57.5		0	72	262	10	12,976	0	-58.0		0	80	270	12	15,509	0	-61.8		0	84	274	16	19,772	0	-66.1		0	90	278	30	22,882	5	-66.7		4	89	277	38
JOKIOINEN	3	992		-8.7	1.6					1,304	0	-9.3	5.1	0	28	154	3	2,782	0	-17.3	6.7	0	28	202	3	5,222	0	-34.0	6.6	0	38	244	5	8,624	0	-55.5	9.0	0	56	255	9
		11,189	0	-56.5		0	72	267	10	13,014	0	-57.0		0	78	270	13	15,560	0	-60.8		0	82	274	17	19.838	0	-64.5		0	87	276	28	22,956	0	-66.2		0	87	275	38
BELGIUM																																									
UCCLE	2	997		3.0	1.6					1,373	0	-3.0	1.5	1	64	268	10	2,888	0	-11.3	3.6	1	68	278	12	5,391	0	-27.4	4.7	1	69	290	16	8,881	0	-51.4		1	71	237	24
		11,467	0	-55.5		1	76	297	24	13,304	0	-55.1		1	78	296	23	15,881	0	-56.9		1	82	288	19	20,283	1	-56.6		2	88	275	21	23,571	3	-55.6		4	88	268	22
SWITZERLAND																																									
PAYERNE	3	956		1.2	3.7					1,425	0	-3.1	4.0	1	84	245	10	2,940	0	-11.5	5.4	2	68	270	10	5,441	0	-27.6	5.9	2	66	299	15	8,923	0	-51.6	4.6	3	67	303	24
		11,506	0	-56.3	6.1	3	73	295	22	13,338	0	-55.5		3	81	289	19	15,909	0	-58.1		3	90	287	19	20,270	1	-57.8		4	91	274	18	23,506	3	-56.6		9	85	265	21
CZECHOSLOVAKIA																																									
PRAHA/LIBUS	3	973		0.1	3.3					1,373	0	-5.1	3.5	0	68	276	9	2,877	0	-12.9	6.5	0	74	278	11	5,365	0	-28.9	6.8	0	76	280	15	8,828	0	-52.9	6.0	0	70	288	19
		11,403	0	-56.3	6.1	0	76	288	20	13,238	0	-54.8	7.1	0	78	282	18	15,818	0	-56.6	11.0	2	82	275	18	20,237	8	-56.9		9	84	271	19	23,552	17	-55.7		9	76	271	19
POPRAD/GANOVCE	3	926		-3.8	3.1					1,378	0	-5.8	3.3	0	80	255	6	2,879	0	-13.5	5.2	0	69	268	8	5,368	0	-29.1	5.7	0	73	272	12	8,838	0	-52.6	4.7	0	69	275	16
		11,417	0	-55.6	5.2	0	78	274	18	13,258	0	-54.5	6.0	1	81	264	17	15,832	0	-55.9	7.1	0	86	264	18	20,224	0	-57.9		0	89	263	20	23,502	4	-56.8		3	86	265	21
HUNGARY																																									
BUDAPEST/LORINC	3	995		0.0	3.3					1,393	1	-4.7	3.6	2	56	284	7	2,900	1	-12.3	5.4	1	69	283	9	5,393	1	-28.6	5.8	1	75	285	13	8,856	1	-53.1	4.3	1	71	289	17
		11,437	4	-55.8		5	80	285	19	13,277	6	-54.4		7	85	278	17	15,866	13	-55.8		13	88	272	17	20,278		-56.3			90	272	19	23,519		-54.9			86	274	23
SZEGED	3	1,003		0.9	3.0					1,408	1	-3.9	4.0	1	59	273	7	2,920	1	-12.0	5.5	1	71	274	10	5,414	1	-28.7	6.7	1	75	277	13	8,882	1	-52.3	4.8	1	74	282	19
		11,479	2	-53.9		2	81	280	19	13,333	2	-53.1		2	87	273	18	15,948	5	-54.5		5	90	272	17	20,388	18	-53.7		18	87	276	18	23,681	29	-52.6		29	83	278	19
POLAND																																									
LEBA	3	1,004		-0.5	2.0					1,316	1	-6.7	3.1	0	62	265	8	2,809	0	-15.0	4.6	0	63	270	9	5,276	0	-31.4	5.8	0	64	270	14	8,710	0	-54.1		0	64	275	15
		11,289	1	-55.3		1	74	285	15	13,128	2	-54.8		2	78	280	16	15,714	4	-57.1		4	83	215	19	20,100	8	-59.0		8	87	270	27	23,390	16	-58.3		16	84	265	30
POZNAN	3	996		-0.7	2.4					1,343	0	-6.6	3.8	0	67	275	9	2,839	0	-14.5	5.4	0	67	280	10	5,312	0	-30.6	6.2	0	71	280	13	8,758	0	-53.3		0	68	290	18
		11,339	1	-55.7		1	78	290	19	13,182	2	-54.6		2	77	280	17	15,770	3	-56.2		3	81	280	18	20,190	9	-56.6		9	86	275	23	23,416	12	-57.1		12	86	275	29

UPPER AIR DATA

JANUARY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
EUROPE		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
POLAND																																											
LEGIONOWO	3	996		-1.1	2.2					1,347	0	-6.3	3.1	0	63	270	8	2,843	0	-14.3	4.8	0	68	275	9	5,319	0	-30.4	5.2	0	67	270	11	8,772	0	-54.6		1	63	275	15
		11,329	0	-54.3		0	76	275	16	13,177	1	-54.8		1	79	275	16	15,769	3	-56.7		3	83	275	18	20,186	8	-58.4		8	86	275	23	23,426	9	-58.3		9	87	275	29
WROCLAW I	1	994		-0.1	2.5					1,356	1	-5.9	3.2	1	77	275	12	2,855	1	-13.7	4.7	1	68	285	11	5,338	1	-29.5	5.5	4	66	280	12	8,804	1	-51.7					
		11,379	4	-54.3						13,209	16	-52.2																													
GIBRALTAR																																											
NORTH FRONT	3	1,024		13.5	4.4					1,550	0	5.9	13.0	0	62	302	7	3,117	0	-2.0	19.8	0	77	311	9	5,705	0	-19.0	15.7	0	75	310	13	9,297	0	-46.6		0	66	307	17
		11,889	0	-59.9		0	75	299	19	13,686	0	-59.4		0	88	290	21	16,211	0	-62.4		0	92	288	18	20,507	1	-59.3		0	60	288	6	23,732	1	-55.8		0	14	270	3
MADEIRA																																											
FUNCHAL	2	1,022		17.3	7.5					1,595	0	7.0	8.7	0	48	11	3	3,174	0	0.7	19.8	0	41	355	4	5,792	0	-16.7	15.1	0	32	324	4	9,426	1	-54.4		1	28	317	4
		12,042	4	-60.0		4	45	294	8	13,838	6	-60.1		6	84	278	13	16,343	7	-64.5		7	95	278	13																
SPAIN																																											
MADRID/BARAJAS	3	948		5.1	4.4					1,524	0	2.6	8.3	0	75	301	7	3,074	0	-4.4	15.2	0	82	312	12	5,641	0	-21.3	14.0	0	81	309	17	9,208	0	-47.5	12.6	0	76	311	22
		11,801	0	-58.9		0	79	308	22	13,605	0	-58.2		0	89	297	22	16,152	0	-59.2		0	93	291	17	20,519	6	-57.6		6	79	285	9								
PALMA/SON BONET	3	1,013		11.0	5.2					1,486	0	2.7	8.3	0	83	300	9	3,032	0	-5.6	13.2	0	77	306	11	5,591	0	-21.9	13.9	0	79	305	17	9,150	0	-47.8	12.1	0	73	305	23
		11,751	0	-57.6		0	77	299	22	13,571	0	-56.8		0	85	290	19	16,129	0	-58.7		0	93	286	17	20,498	0	-56.6		0	79	286	8	23,764	2	-53.4		2	40	271	7
TURKEY																																											
SAMSUN	2	1,015		11.6	8.4					1,460	0	2.6	7.3	0	89	240	8	2,968	0	-7.3	6.0	0	83	240	10	5,545	0	-23.1	8.2	0	69	240	11	9,089	0	-48.7		1	67	240	16
		11,675	8	-55.8		22	95	260	20	13,525	13	-53.9		27	83	270	10	16,144	22	-53.9						20,734	27	-48.0						24,006	29	-48.3					
ISTANBUL/GOZTEPE	2	1,008		9.6	4.0					1,435	0	0.3	4.1	0	45	220	5	2,968	0	-7.6	6.3	0	53	260	8	5,506	0	-23.8	7.9	0	44	210	8	9,050	4	-48.6		4	50	270	14
		11,643	8	-54.8		8	48	245	12	13,493	8	-53.0		9	72	255	16	16,098	17	-54.7		20	63	260	12	20,494	25	-56.5		27	30	270	3	23,691	29	-52.7					
IZMIR	2	1,012		12.2	6.0					1,455	1	2.0	3.6	10	67	210	6	2,996	1	-7.2	7.8	10	71	235	10	5,541	1	-23.4	10.1	10	85	265	17	9,080	3	-49.3		12	82	260	23
		11,671	6	-57.1		24	75	280	21	13,505	9	-59.1		25	75	245	18	16,056	14	-58.5		25	68	250	17	20,422	15	-56.7						23,707	20	-53.7					
ANKARA/CENTRAL	2	912		5.4	6.1					1,477	0	0.8	3.1	0	83	215	5	3,011	0	-7.9	5.6	0	91	250	11	5,555	0	-23.9	8.3	0	88	250	15	9,084	0	-48.1		0	85	255	22
		11,668	0	-57.5		0	82	260	23	13,494	1	-55.3		1	84	260	21	16,067	4	-57.3		4	80	275	16	20,462	10	-57.1		10	80	265	8	23,707	11	-54.5		11	73	255	8
ISPARTA	2	901		6.0	5.6					1,482	0	2.4	4.5	0	60	192	3	3,025	0	-6.2	8.5	0	77	237	10	5,581	0	-22.0	11.4	0	80	246	16	9,132	0	-48.1		0	86	256	24
		11,734	0	-56.6		0	84	258	26	13,559	0	-55.3		0	80	260	24	16,120	2	-58.7		2	75	262	18	20,469	8	-57.4		8	75	258	12	23,716	14	-53.8		14	69	246	11
DIYARBAKIR	2	941		6.1	5.0					1,486	0	1.6	6.9	0	69	80	1	3,028	0	-6.3	8.6	0	86	250	4	5,582	0	-22.8	10.2	0		250	9	9,138	0	-48.4		0	64	275	18
		11,744	2	-56.8		2	61	259	19	13,573	3	-56.5		3	69	262	21	16,127	3	-59.1		3	68	267	17	20,462	11	-58.0		11	67	255	8	23,696	25	-57.0		25	90	264	17
USSR																																											
MURMANSK		996		-13.3	2.0					1,305	0	-12.8	3.6	0	18	274	2	2,763	0	-21.0	5.3	0	12	285	2	5,173	0	-36.8	5.1	0	30	257	4	8,527	0	-59.3	4.3	0	36	259	6
		11,038	0	-61.9	4.7	0	60	266	8	12,815	0	-63.0	5.1	0	76	269	10	15,298	0	-67.4	5.4	1	82	269	14	19,440	3	-74.5	5.6	3	85	262	23	22,510	9	-76.0	6.1	3	88	260	35
ARKHANGELSK		1,010		-14.6	1.6					1,326	0	-12.1	2.3	0	55	219	4	2,795	0	-18.9	3.5	0	62	255	6	5,220	0	-35.6	4.3	0	62	223	8	8,591	0	-58.8	3.5	0	62	230	10
		11,102	0	-62.0	3.6	0	68	246	11	12,883	0	-62.0	3.8	0	74	252	12	15,367	0	-65.7	4.0	0	80	256	14	19,582	1	-70.9	4.0	1	86	263	19	22,605	3	-72.5	4.:	4	84	269	21
LENINGRAD /TOWN/VILLE/		998		-7.5	1.7					1,320	1	-9.3	3.8	1	34	185	4	2,803	1	-16.9	5.5	1	29	197	4	5,254	1	-32.5	5.6	1	53	225	7	8,671	1	-54.8		1	53	232	10
		11,232	1	-57.2		1	69	246	11	13,055	1	-57.0		1	75	256	12	15,618	1	-60.0		1	85	264	16	19,931	5	-64.0		5	85	266	25	23,052	8	-65.3		8	89	272	37
KAUNAS		995		-2.5	1.5					1,317	0	-7.5	1.8	0	48	240	6	2,814	0	-14.8	4.2	0	63	256	8	5,283	0	-31.1	3.6	0	57	259	9	8,716	0	-54.6	3.4	4	49	250	9
		11,288	0	-56.1	3.7	4	69	250	12	13,116	0	-55.9	4.3	5	66	248	12	15,687	0	-57.3	4.8	6	74	247	16	20,027	0	-59.6	5.0	9	78	256	19	23,293	2	-59.2	5.4	9	76	256	18
MINSK		978		-4.0	2.0					1,330	0	-7.3	3.2	0	48	244	6	2,824	0	-14.5	5.5	0	61	254	8	5,293	0	-31.0	5.7	0	55	259	9	8,720	0	-55.2	5.0	0	61	262	12
		11,290	0	-55.0	6.4	0	79	269	14	13,129	0	-51.9	7.6	0	79	270	16	15,704	0	-57.2	8.3	0	85	274	19	20,057	0	-59.5	9.2	0	91	275	28	23,256	1	-59.4	9.7	1	84	278	38
VOLOGDA		995		-10.4	1.6					1,349	0	-9.3	2.9	2	47	162	5	2,831	0	-16.0	5.6	1	50	188	7	5,289	0	-32.1	5.0	0	61	196	10	8,720	0	-56.7	3.8	0	66	205	12
		11,235	0	-59.5	3.9	0	76	219	13	13,039	0	-58.9	4.3	1	87	231	15	15,569	0	-61.4	4.6	4	92	238	18	19,882	2	-63.7	5.2	8	89	243	25	23,079	5	-63.8	5.9	9	89	237	27
MOSKVA		987		-7.0	0.8					1,356	0	-8.2	3.5	0	51	210	6	2,847	0	-14.9	5.1	0	58	220	7	5,316	0	-30.8	4.7	0	57	228	9	8,758	0	-54.8	3.8	0	63	238	14
		11,316	0	-57.1	4.1	0	79	250	14	13,146	0	-56.6	4.8	0	85	261	15	15,705	0	-59.0	5.3	0	88	270	18	20,028	0	-61.6	5.8	1	92	270	27	23,190	5	-61.7	6.3	5	89	267	37
KAZAN		1,000		-11.0	2.1					1,401	0	-9.8	4.1	3	50	228	5	2,881	0	-16.3	4.5	0	61	238	7	5,340	0	-31.1	6.4	0	57	256	8	8,774	0	-55.5	5.7	1	64	260	11
		11,293	2	-59.3	5.3	4	74	264	12	13,103	3	-58.8	5.7	8	74	267	11	15,643	3	-59.8	5.9	8	81	270	13	19,971	5	-60.6	6.2	9	90	279	12	23,163	7	-60.3	6.6	9	91	274	13
SARATOV		999		-7.2	1.4					1,428	0	-6.9	3.9	0	68	225	8	2,926	0	-13.5	4.7	0	62	239	9	5,409	0	-29.0	4.9	0	68	253	12	8,860	0	-54.9	4.1	0	64	260	15
		11,410	0	-58.4	4.2	0	78	265	16	13,225	0	-57.0	4.5	2	88	267	16	15,786	0	-58.1	5.0	5	94	269	17	20,145	0	-59.4	5.7	9	93	276	15	23,377	2	-58.5	6.2	9	81	283	15
LVOV		970		-1.6	2.4					1,373	0	-5.9	2.1	3	67	266	7	2,875	0	-13.5	4.1	4	65	270	7	5,358	0	-29.4	5.2	4	60	258	8	8,819	0	-52.7	4.2	6	49	258	8
		11,404	0	-55.6	4.9	7	81	258	12	13,245	0	-53.9	5.5	7	86	256	15	15,839	0	-55.0	6.1	7	84	260	17	20,281	0	-55.7	6.8	9	84	268	17	23,533	0	-55.8	7.2	9	81	275	19
KIEV		987		-2.4	2.6					1,348	4	-6.0	3.3	4	67	263	8	2,848	4	-13.6	5.2	4	72	264	10	5,333	4	-28.9	7.3	4	78	262	13	8,805	4	-52.1		4	71	262	17
		11,389	4	-55.0		4	83	268	18	13,230	4	-53.8		4	90	270	19	15,828	4	-55.5		4	93	272	22	20,242	5	-57.2		4	92	276	27	23,457	4	-57.2		4	91	277	33
HAR KOV		995		-2.5	2.3					1,393	0	-5.0	4.7	0	53	231	7	2,902	0	-12.1	6.7	0	67	241	10	5,399	0	-28.2	7.0	0	67	245	13	8,865	0	-53.7		0	73	249	18
		11,440	0	-55.8		0	85	260	18	13,280	0	-54.6		0	85	265	18	15,875	0	-55.9		0	96	270	20	20,293	0	-56.6		0	86	277	24	23,533	1	-56.3		1	82	281	28
ODESSA		1,007		1.4	3.0					1,397	0	-2.7	5.9	1	59	260	7	2,913	0	-11.3	5.8	0	71	251	10	5,414	0	-27.9	6.5	0	74	255	15	8,892	0	-52.1		0	74	256	21
		11,487	1	-53.8		1	76	260	20	13,335	1	-53.3		1	85	261	21	15,931	1	-55.1		1	90	264	20	20,350	1	-55.5		1	89	268	22	23,602	3	-54.8		3	84	272	24
ROSTOV-NA-DONU		1,006		0.6	2.3					1,420	0	-3.4	6.0	0	64	237	10	2,934	0	-11.6	6.2	0	70	244	11	5,425	0	-29.3	5.5	0	82	245	16	8,860	0	-56.1	4.4	0	81	253	22
		11,410	0	-57.1	5.1	0	88	260	21	13,237	0	-56.2	6.1	0	94	265	21	15,809	0	-56.7	7.2	0	92	268	20	20,228	2	-57.1	8.5	3	90	277	19	23,469	6	-55.8	9.7	6	81	273	23
AFRICA																																											
ALGERIA																																											
ALGER/DAR EL BEIDA	3	1,019		11.3	5.0					1,513	0	2.8	7.7	0	84	290	10	3,060	0	-4.8	12.6	0	81	300	12	5,629	0	-20.5	12.7	0	71	310	15	9,204	0	-49.9		5	63	300	17
		11,806	0	-57.8		5	70	290	15	13,565	0	-57.3		9	84	280	20	16,172	6	-59.0		9	92	280	18																
BECHAR	3	931		9.8	10.2					1,557	5	6.8	12.7	6	48	320	4	3,128	5	-1.0	17.6	6	60	340	8	5,722	5	-17.8	16.2	6	50	320	8	9,340	5	-45.3		9	60	300	14
		11,915	6	-55.8						13,768	6	-58.5																													
IN SALAH	2	988		14.3	12.8					1,550	0	8.0	15.5	0	48	40	5	3,127	0	4.2	22.9	0	40	310	4	5,742	0	-16.3	21.1	0	62	300	6	9,388	0	-41.2		3	83	290	27
		12,065	0	-53.1		9	95	280	37	13,892	0	-59.5		9	93	280	36	16,379	3	-67.7		9	98	280	26	20,560	13	-62.3													

UPPER AIR DATA

JANUARY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
AFRICA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
ALGERIA																																									
TAMANRASSET	3	867		12.9	22.4					1,519	1	12.6	20.8	1	85	260	7	3,137	1	3.7	23.1	1	61	270	9	5,790	1	-11.8	22.1	1		260	32	9,522	1	-36.0	14.9				
		12,227	1	-54.0						14,099	1	-65.8						16,464	2	-72.4						20,557	9	-65.5													
SUDAN																																									
KHARTOUM		969		29.6	21.4					1,525	0	20.9	20.8	0	55	305	3	3,173	0	11.5	22.5	0	64	247	4	5,896	0	-5.2	22.9	0	33	260	3	9,696	0	-32.6	18.9	0	72	264	9
		12,419	0	-54.1		0	82	265	14	14,208	1	-66.3		0	76	360	11	16,593	4	-75.5		3	85	277	9	20,649	10	-67.1		9	60	310	5								
MAURITANIA																																									
NOUADHIBOU	2	1,023		16.1	8.7					1,578	4	13.1	27.2	5	85	91	18	3,179	4	6.4	28.5	6	27	119	3	5,848	4	-11.4	19.3	8	78	239	8	9,560	4	-38.1	11.3	9	93	254	29
		12,249	4	-55.0				262	42									16,517	4	-71.0																					
SENEGAL																																									
DAKAR/YOFF	3	1,013		18.1	7.2					1,533	3	18.4	27.3	9	67	60	4	3,172	3	9.5	20.3					5,869	3	-8.7	13.7	9	68	221	6	9,636	4	-34.7	11.3	9	93	236	22
		12,389	5	-55.8		9	93	241	27	14,125	5	-65.1						16,532	6	-74.8																					
MALI																																									
BAMAKO/SENOU	3	971		23.0	22.5					1,527	0	18.1	25.8	2	90	60	5	3,166	0	10.1	12.4					5,872	0	-6.7	20.1					9,665	0	-33.5	15.2				
		12,381	0	-55.0						14,169	0	-66.5						16,553	1	-77.4																					
NIGER																																									
NIAMEY-AERO	3	989		23.9	28.5					1,530	0	18.6	26.7	2	37	80	4	3,171	0	10.2	24.0	2	23	260	3	5,884	0	-6.2	24.4	2	29	270	5	9,683	0	-33.1	17.3	2	45	270	17
		12,405	0	-54.1		4	42	250	19	14,199	0	-65.7		5	46	260	20	16,588	1	-77.1		9	41	270	10	20,612	14	-66.8													
UNITED REP OF CAMEROON																																									
DOUALA OBS.	3	1,010		27.2	3.1					1,518	0	18.7	3.9	1	69	350	4	3,162	0	10.2	9.6	1	88	70	14	5,877	0	-5.0	17.9	1	84	110	14	9,705	0	-31.5	12.8	1	64	130	12
		12,441	0	-53.5		1	52	140	14	14,232	0	-66.7		1	31	180	8	16,600	0	-78.9		9	39	80	6																
KENYA																																									
NAIROBI/DAGORETTI	1	822		15.6	5.3													3,141	0	9.2	4.5	1	78	40	5	5,847	0	-5.9	13.5	1	81	100	7	9,670	0	-31.7	19.4	1	85	110	10
		12,400	0	-53.7		1	99	130	11	14,188	0	-67.5		1	40	115	5	16,554	1	-79.9		1	1	270	1	20,566	8	-68.7		9	80	270	10								
ETHIOPIA																																									
ASMARA		772		22.1	25.8													3,169	2	12.7	13.7	2	60	255	3	5,901	2	-5.4	15.4	2	34	270	2	9,700	2	-33.6	13.1	2	46	270	2
		12,420	2	-54.4	10.5	2	83	265	14	14,208	2	-67.1		2	83	265	15	16,586	3	-77.3		4	69	265	11	20,607	24	-65.7		25	57	270	9								
ADDIS ABABA		766		22.1	16.1													3,142	1	12.0	12.9	1	67	115	3	5,864	1	-5.2	32.8	1	73	85	8	9,686	1	-31.4	24.8	1	10	20	1
		12,418	2	-53.1	15.9	2	17	225	2	14,220	2	-65.9		1	8	130	1	16,601	1	-78.2		2	34	65	2	20,656	7	-65.3		7	100	265	9	23,845	29	-59.1		29	88	245	7
ZIMBABWE																																									
BULAWAYO/GOETZ OBS	1	867		18.3	2.4					1,512	0	18.0	3.2	0	89	104	8	3,156	0	10.1	7.0	0	76	113	7	5,876	0	-5.5	7.4	0	73	104	4	9,701	0	-30.7	9.8	0	23	135	2
		12,451	0	-52.6	10.4	0	29	259	3	14,248	1	-67.3		0	10	360	1	16,612	1	-79.8		0	42	37	3	20,648	7	-64.3		6	96	103	11	23,828	7	-56.4		7		92	15
HARARE (BELVEDERE)	1	854		17.8	1.8					1,512	1	17.6	2.1	1	86	81	3	3,152	1	9.1	4.1	1	75	96	5	5,872	2	-5.1	6.4	2	70	98	4	9,708	3	-30.3	7.5	2	23	90	2
		12,456	9	-53.4	7.9	4	6	225	1	14,246	11	-67.6		7	21	56	2	16,612	13	-79.2		9	55	75	6																
ZAMBIA																																									
LUSAKA CITY AIRPORT	2	872		23.0	5.4					1,504	5	20.8	7.0	9	67	234	9	3,143	6	10.4	13.5	9	46	281	5	5,870	6	-4.5	16.6	9	29	297	2	9,706	7	-20.3	23.0	9	98	332	17
		12,485	8	-52.9		9	98	355	12	14,226	8	-67.1						16,595	15	-78.9						20,657	21	-64.9						23,759	28	-56.9					
OCEAN ISLANDS																																									
DIEGO GARCIA/MAURITIUS	1	1,008		26.8	2.6					1,489	1	19.0	2.4					3,130	1	9.6	4.0					5,853	3	-5.2	5.5					9,681	9	-30.3	7.3				
		12,433	9	-52.5						14,233	10	-65.6						16,628	25	-77.3																					
MARTIN DE VIVIES (ILE AMSTER	2	1,015		17.5	6.7					1,524	0	6.2	6.4	0	78	301	7	3,110	1	2.8	15.3	1	84	283	10	5,760	1	-12.1	16.3	2	81	284	14	9,463	1	-38.5	12.7	5	80	274	17
		12,136	1	-56.6		9	83	269	17	12,937	1	-61.2		9	87	273	19	16,430	1	-65.3		9	91	275	17	20,662	15	-60.8						23,893	17	-50.4					
PORT-AUX-FRANCAIS/KERGUELEN	2	999		9.8	6.4					1,344	1	0.5	4.7	1	92	274	14	2,886	1	-5.5	9.4	1	91	272	19	5,453	1	-20.4	8.9	1	86	269	23	9,052	1	-43.1	11.0	2	81	267	30
		11,172	2	-52.4	17.1	4	86	267	32	13,582	2	-52.3		4	90	269	25	16,950	2	-53.4		9	92	273	16	20,676	21	-49.8													
ASIA																																									
USSR-WESTERN																																									
DRUJNAYA/OSTROV HEJSA/		1,013		-25.9	2.2					1,303	0	-21.3	2.6	0	6	129	1	2,721	0	-27.2	3.8	0	18	281	2	5,076	0	-41.4	3.6	0	24	285	4	8,400	0	-59.7	3.2	0	36	233	7
		10,905	0	-63.0	3.2	0	48	298	7	12,669	0	-64.7	3.2	0	48	290	6	15,117	0	-69.6	3.3	0	45	279	6	19,168	0	-76.2	3.1	6	7	251	1	22,105	10	-77.3	3.3	9	36	206	5
MYS CELJUSKIN		1,017		-30.7	2.2					1,317	0	-23.9	3.6	0	6	148	1	2,723	0	-28.2	4.4	0	6	315	1	5,070	0	-42.0	4.6	0	18	314	3	8,375	0	-60.4	4.0	0	24	308	4
		10,877	0	-62.6	4.3	0	24	305	3	12,640	0	-64.5	4.5	0	17	288	2	15,092	0	-69.1	4.6	0	21	263	3	19,155	2	-75.2	4.2	2	36	224	7	22,105	3	-75.1	4.1	5	46	218	14
MYS KAMENNYJ		1,016		-23.1	2.2					1,339	0	-16.0	3.4	9	24	279	2	2,786	0	-22.7	4.7	9	39	283	4	5,185	0	-37.2	3.9	9	62	279	9	8,553	0	-57.7	3.4	9	52	280	8
		11,069	0	-62.6	3.3	9	75	268	11	12,840	0	-63.1	3.4	9	74	270	12	15,327	0	-65.3	3.5	9	76	264	15	19,499	4	-70.3	3.7					22,523	6	-72.7	3.8				
NAR JAN-MAR		1,011		-17.6	1.9					1,329	0	-13.2	3.5	0	49	251	5	2,789	0	-20.9	3.6	0	62	264	7	5,199	0	-36.6	4.4	0	55	265	10	8,568	0	-58.5	3.7	0	49	270	12
		11,076	0	-62.5	3.6	0	68	270	12	12,840	0	-63.1	3.8	0	85	270	13	15,319	0	-67.1	3.9	0	86	274	15	19,449	0	-73.3	3.8	0	91	274	22	22,427	0	-74.5	3.9	0	89	272	29
SALEHARD		1,015		-22.6	2.5					1,359	0	-14.4	3.3	0	60	277	6	2,823	0	-20.2	4.8	0	62	275	8	5,236	0	-35.7	5.3	0	64	282	11	8,609	0	-57.5	4.6	0	63	279	15
		11,133	0	-62.8	4.3	0	71	276	14	12,915	1	-62.2	5.2	1	83	281	14	15,432	3	-65.7	5.6	3	92	280	16	19,671	11	-70.7	6.3	9	92	283	22	22,954	19	-69.1	6.9	9	92	287	33
HATANGA		1,018		-33.7	2.8					1,333	0	-22.4	2.8	1	39	286	3	2,747	0	-26.7	3.9	1	39	296	4	5,109	0	-40.8	4.0	1	39	293	5	8,428	0	-60.2	3.2	3	46	303	7
		10,934	0	-62.3	3.3	5	45	293	5	12,708	0	-63.5	3.3	4	44	295	5	15,176	0	-67.6	3.3	5	50	261	6	19,347	5	-71.3	3.2	9	70	210	11	22,480	12	-64.9	3.7				
TURUHANSK		1,018		-24.1	2.4					1,376	1	-19.1	2.7	1	51	251	5	2,810	1	-23.1	3.1	1	63	275	8	5,209	1	-36.9	3.8	1	64	291	12	8,581	1	-57.6	3.4	1	74	296	19
		11,080	1	-63.7	3.5	1	78	299	18	12,850	1	-61.6	3.8	1	77	299	15	15,329	2	-66.1	4.2	2	74	297	15	19,475	4	-71.1	4.2	5	71	292	18	22,499	8	-71.3	4.5	8	73	280	25
SYKTYVKAR		1,001		-13.6	2.1					1,376	0	-10.5	4.0	0	55	231	6	2,850	0	-17.6	6.2	0	62	243	7	5,292	0	-33.1	6.5	0	55	253	8	8,694	0	-56.8		0	62	253	12
		11,215	0	-61.0		0	74	261	13	13,003	0	-60.5		0	93	267	15	15,495	0	-63.9		0	92	270	18	19,691	11	-69.1		1	91	274	27	22,765	2	-69.3		2	88	274	35
HANTY-MANSIJSK		1,016		-18.6	2.1					1,394	0	-12.3	4.1	0	54	264	6	2,861	0	-18.2	5.2	0	48	266	7	5,300	0	-33.1	4.8	0	48	266	10	8,703	0	-56.4	4.3	0	47	269	14
		11,224	0	-62.5	4.5	0	62	270	14	13,004	0	-61.7	5.0	0	77	274	16	15,515	1	-64.2	5.6	1	81	276	18	19,831	8	-66.5	6.4	9	89	278	25	23,072	14	-63.7	7.5	9	88	272	33
TURA		1,002		-36.4	3.4					1,392	0	-21.6	3.7	0	63	290	6	2,811	0	-25.7	4.0	0	72	300	8	5,184	0	-40.0	3.9	0	75	308	12	8,502	0	-60.3	3.6	0	71	308	17
		10,999	1	-62.9	4.0	2	85	303	17	12,765	3	-63.2	4.6	2	78	299	15	15,246	3	-66.2	4.9	4	84	290	16	19,451	9	-66.1	5.4	9	75	274	23	22,786	15	-54.9	8.5	9	73	254	35

UPPER AIR DATA

JANUARY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB							850 MB 150 MB							700 MB 100 MB						
			TEMPERATURE		MEAN VECTOR WIND					TEMPERATURE		MEAN VECTOR WIND					TEMPERATURE		MEAN VECTOR WIND			
		HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
ASIA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
USSR-WESTERN																									
SVERDLOVSK		986		-12.8	2.6					1,422	0	-11.5	3.7	0	43	271	5	2,894	0	-17.3	6.5	0	43	266	6
		1,283	0	-61.1	5.1	0	68	263	15	13,070	0	-60.4	5.9	0	79	270	16	15,578	0	-62.7	6.3	0	54	270	19
OMSK		1,014		-15.5	2.6					1,444	0	-9.6	7.1	0	54	247	6	2,931	0	-14.7	8.8	0	62	252	9
		1,386	0	-63.0	6.2	0	68	267	16	13,166	0	-60.8	6.7	0	80	272	18	15,688	0	-61.7	7.2	0	85	273	21
KOLPASEV		1,017		-18.4	2.8					1,444	0	-11.8	5.1	0	66	255	8	2,917	0	-16.8	6.9	0	70	263	10
		1,324	0	-65.1	4.1	0	69	282	18	13,084	0	-63.1	4.6	0	78	284	18	15,588	1	-62.8	5.4	1	86	285	20
KRASNOJARSK		1,004		-20.2	4.2					1,475	0	-13.1	5.4	0	82	279	9	2,950	0	-17.8	6.2	0	79	295	11
		1,292	2	-63.6	4.4	2	85	308	22	13,072	4	-61.0	5.3	4	85	304	20	15,605	6	-61.3	6.2	6	85	303	20
KIRENSK		999		-27.9	2.7					1,445	5	-21.8	4.1	6	72	286	7	2,870	5	-24.9	4.9	5	82	313	11
		1,165	6	-61.1		6	84	322	22	12,958	7	-59.8		7	86	317	20	15,493	7	-59.4		7	86	305	19
ORENBURG		1,008		-9.8	2.8					1,449	0	-8.5	5.2	0	24	243	3	2,937	0	-15.5	7.3	0	55	257	8
		1,367	0	-57.5		0	66	263	13	13,195	0	-57.6		0	74	269	15	15,759	0	-58.8		0	75	270	15
KUSTANAJ		1,002		-12.3	3.0					1,442	0	-8.6	4.1	0	36	250	5	2,930	0	-14.2	6.2	0	54	251	8
		1,426	0	-59.9		0	68	263	15	13,228	2	-58.0		2	74	268	16	15,781	3	-58.3		3	87	270	19
KARAGANDA		959		-11.8	3.0					1,479	13	-8.6	7.8	9	36	218	3	2,969	13	-14.0	9.2	9	44	229	4
		1,457	14	-56.2		9	74	249	11	13,300	14	-54.3		9	81	259	12	15,901	15	-54.3		9	79	267	12
GUREV		1,026		-3.9	3.5					1,466	6	-4.4	8.4	7	21	225	2	2,973	6	-11.2	9.0	7	45	256	4
		1,580	9	-56.9	7.1	9	77	275	17	13,392	11	-53.9	8.2	9	85	272	18	16,015	14	-53.9	9.7	9	91	272	18
ASHABAD		982		7.4	7.3					1,482	0	5.2	13.2	0	28	270	1	3,036	0	-5.2	11.8	0	84	276	7
		1,709	4	-58.2	7.5	4	94	275	28	13,523	4	-57.2	8.0	4	93	273	27	16,060	6	-50.1	8.9	6	96	270	21
TASKENT		964		4.5	8.6					1,512	0	1.8	10.9	0	46	213	2	3,045	0	-9.0	9.5	0	82	253	7
		1,637	0	-57.9	6.4	0	90	273	20	13,458	0	-55.8	7.4	0	92	275	19	16,023	0	-57.7	8.4	0	91	276	18
ALMA-ATA		945		-4.3	2.6					1,511	0	-0.5	10.7	0	18	107	1	3,040	0	-9.5	11.2	0	61	261	4
		1,570	0	-58.7	5.7	0	88	285	18	13,387	0	-56.3	6.7	0	92	286	20	15,955	0	-57.4	7.7	0	93	285	20
USSR-EASTERN																									
OSTROV KOTELNYJ		1,024		-32.1	2.4					1,374	0	-23.5	3.4	0	64	173	6	2,782	0	-28.5	3.9	0	67	180	8
		10,929	0	-62.0	3.9	0	72	191	9	12,703	0	-62.9	4.1	0	79	198	10	15,184	0	-65.6	4.3	0	79	204	13
OSTROV CETYREHSTOLBOVOJ		1,019		-31.3	2.3					1,372	0	-18.8	4.8	0	73	106	8	2,808	0	-23.5	6.8	0	61	107	7
		11,033	0	-60.5	4.3	0	60	200	7	12,832	0	-58.4	5.0	0	75	217	9	15,400	0	-56.4	5.8	0	91	223	17
MYS SMIDTA		1,022		-28.1	1.1					1,349	0	-20.9	2.3	0	55	51	7	2,779	0	-23.8	4.4	0	49	68	8
		11,067	0	-55.4	4.4	0	46	215	5	12,190	0	-53.1	5.1	0	76	226	10	15,543	0	-50.7	6.5	0	88	230	17
ANADYR		1,014		-23.9	3.4					1,314	0	-19.2	5.3	0	46	57	5	2,753	0	-23.2	5.6	0	30	59	4
		11,108	0	-53.3	7.5	0	51	218	5	12,976	0	-51.0	8.6	0	81	218	9	15,641	0	-48.0	10.4	0	91	224	14
KORF		1,008		-14.8	4.2					1,293	0	-15.2	4.2	0	24	98	3	2,745	0	-21.3	5.5	0	12	119	2
		11,091	0	-54.5	5.0	0	62	203	8	12,947	0	-51.2	5.9	0	80	208	10	15,601	0	-48.1	7.2	0	86	216	14
PETROPAVLOVSK/KAMCATSKIJ		988		-6.5	4.5					1,253	0	-11.3	4.0	0	42	80	4	2,722	0	-21.0	4.0	0	48	110	5
		11,097	0	-51.7	5.8	0	73	225	11	12,979	0	-48.9	7.2	0	91	230	14	15,666	0	-46.3	8.9	0	94	232	16
OHOTSK		1,010		-21.6	4.6					1,303	0	-20.4	4.6	0	66	71	4	2,733	0	-25.9	5.0	0	37	110	4
		10,949	0	-56.0	5.3	0	55	184	6	12,789	0	-53.9	6.4	0	85	207	10	15,412	0	-51.3	8.2	0	84	219	16
JUZNO-SAHALINSK		1,009		-16.5	2.0					1,307	0	-18.4	2.9	0	36	282	4	2,734	0	-25.7	4.1	0	60	263	7
		11,072	0	-49.4	6.6	0	88	259	21	12,963	0	-47.8	7.8	0	94	258	23	15,649	0	-46.8	9.2	0	89	257	22
VLADIVOSTOK		1,009		-15.8	5.7					1,366	0	-19.3	4.8	0	82	322	12	2,803	0	-23.2	6.4	0	88	294	13
		11,222	1	-49.9	7.3	1	95	275	30	13,107	3	-48.9	8.3	3	93	271	31	15,775	4	-49.1	9.1	4	93	270	28
OLENEK		995		-41.0	2.2					1,320	3	-34.8	2.6	3	45	310	3	2,723	3	-28.0	3.9	3	58	316	5
		10,892	3	-62.1	4.3	3	61	328	8	12,671	3	-63.5	4.6	3	61	319	8	15,155	3	-66.8	4.8	3	50	300	9
VERHOJANSK		1,010								1,328	13	-26.7		9	57	41	3	2,733	13	-27.9		9	25	120	2
		10,912	14	-61.9		9	43	170	3	12,698	14	-62.1		9	15	201	1	15,187	14	-63.8		9	52	240	5
SEJMCAN		995		-34.6	2.9					1,334	0	-23.9	2.7	0	43	32	4	2,754	0	-25.2	4.2	0	24	100	3
		10,993	0	-57.6	5.4	0	68	183	8	12,821	2	-54.8	6.6	2	90	197	10	15,433	2	-51.6	8.4	2	93	210	17
JAKUTSK		1,014		-41.5	3.2					1,334	0	-25.8	3.5	1	75	320	5	2,735	0	-27.9	3.9	0	37	329	3
		10,895	1	-60.3	3.9	1	5	269	1	12,689	1	-59.6	4.5	1	28	243	3	15,218	1	-59.0	5.6	1	51	236	8
ALDAN		936		-29.7	3.5					1,379	13	-26.2	3.6	9	55	302	4	2,787	13	-28.0	3.7	9	52	331	5
		10,999	13	-59.0	4.0	9	56	282	8	12,806	13	-57.8	4.6	9	68	267	9	15,374	13	-55.9	6.0	9	78	247	14
CITA		943		-25.3	3.5					1,453	1	-20.1	5.2	1	75	319	7	2,868	1	-23.4	6.9	1	88	334	12
		11,187	1	-58.2		1	88	323	22	13,011	1	-55.9		1	88	311	22	15,610	3	-53.8		3	94	300	25
BLAGOVESCENSK		1,003		-23.2	5.2					1,358	0	-23.3	6.4	0	80	342	8	2,772	0	-26.3	6.2	0	80	333	9
		11,084	0	-53.1		0	85	300	15	12,942	0	-51.3		0	91	286	17	15,594	0	-49.2		0	85	272	20
HABAROVSK		1,008		-24.4	3.5					1,323	0	-23.1	4.9	1	64	279	5	2,739	0	-27.1	5.1	0	60	290	6
		11,063	0	-50.4		0	85	274	15	12,943	0	-48.6		0	87	267	18	15,621	0	-46.4		0	89	262	21
HONG KONG																									
KINGS PARK	1	1,014		13.3	5.2					1,539	0	7.9	10.6	0	37	56	2	3,127	0	4.4	28.6	0	89	282	8
		12,377	0	-52.3	22.8	1	95	257	33	14,177	1	-65.6	21.7	1	94	253	32	16,554	2	-79.6	20.6	1	98	263	21
REPUBLIC OF KOREA																									
POHANG	3	1,022		-1.2	7.2					1,451		-9.0	14.7	0	86	242	19	2,938		-15.3	12.2	0	92	248	30
		11,576		-48.7						13,471		-53.0		4	98	268	93	16,034		-58.0		9	96	269	63

STATION	500 MB 50 MB							300 MB 30 MB						
		TEMPERATURE		MEAN VECTOR WIND					TEMPERATURE		MEAN VECTOR WIND			
	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
ASIA	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
USSR-WESTERN																
SVERDLOVSK	5,340	0	-31.8	5.8	0	49	258	11	8,759	0	-56.7	4.7	0	49	258	14
	19,885	4	-63.6	7.4	5	92	269	28	23,182	12	-59.3	8.9	9	89	270	33
OMSK	5,403	0	-29.8	8.2	0	55	253	12	8,853	0	-55.1	6.5	0	55	262	15
	19,979	1	-62.8	7.6	1	91	272	30	23,186	3	-61.1	8.7	3	89	267	35
KOLPASEV	5,372	0	-31.4	5.5	0	66	270	13	8,809	0	-55.8	4.3	0	64	276	18
	19,849	5	-64.6	6.3	7	87	281	27	23,111	11	-60.3	7.9	9	86	278	34
KRASNOJARSK	5,389	0	-32.8	5.3	0	74	310	15	8,788	0	-57.7	4.1	0	69	314	19
	19,925	12	-62.1	7.8	9	84	299	23								
KIRENSK	5,262	5	-37.0	5.8	6	88	322	19	8,636	5	-57.9		5	81	324	23
	19,887	11	-55.6		9	83	273	24	23,224	16	-52.7		9	85	267	28
ORENBURG	5,408	0	-31.9	7.9	0	55	262	10	8,811	0	-57.8		0	55	262	12
	20,105	1	-59.8		4	77	275	17	23,322	6	-58.9		6	76	279	15
KUSTANAJ	5,408	0	-29.0	6.0	0	54	257	11	8,876	0	-52.9		0	48	259	13
	20,164	8	-59.3		8	89	271	24	23,439	14	-57.7		9	86	276	24
KARAGANDA	5,445	13	-30.0	9.0	9	54	231	7	8,896	13	-54.2		9	46	245	8
	20,361	18	-54.5		9	83	272	14								
GUREV	5,488	6	-25.6	9.7	6	65	270	9	8,980	6	-50.0	6.7	6	65	281	15
	20,460	15	-54.8	9.4	9	91	267	19	23,734	17	-53.3	10.1	9	89	264	20
ASHABAD	5,595	0	-22.4	10.6	0	81	271	12	9,131	1	-50.0	7.6	2	81	278	21
	20,390	8	-59.0	9.4	8	87	269	12	23,636	15	-55.6	10.8	9	68	273	8
TASKENT	5,562	0	-26.1	8.5	0	84	255	12	9,065	0	-52.3	6.3	0	72	267	16
	20,395	2	-58.4	9.5	3	94	276	16	23,626	2	-57.5	10.3	3	87	274	16
ALMA-ATA	5,552	0	-27.6	7.3	0	79	281	10	9,023	0	-54.3	5.6	0	73	287	15
	20,311	1	-58.2	8.6	1	95	288	20	23,540	2	-56.9	9.3	2	86	286	20
USSR-EASTERN																
OSTROV KOTELNYJ	5,123	0	-42.4	4.0	0	72	179	12	8,427	0	-61.0	3.6	0	67	183	10
	19,376	0	-66.7	4.4	0	86	210	27	22,533	4	-61.9	4.9	5	88	215	45
OSTROV CETYREHSTOLBOVOJ	5,196	0	-39.0	5.3	0	42	120	6	8,529	1	-50.2	3.9	0	36	151	6
	19,814	2	-54.0	7.0	2	91	230	32	23,173	6	-49.1	8.4	6	92	234	46
MYS SMIDTA	5,167	0	-38.0	4.2	0	37	83	7	8,519	0	-56.8	3.9	0	18	122	3
	20,067	0	-48.5	8.2	0	88	240	28	23,460	0	-45.1	9.8	0	87	243	35
ANADYR	5,148	0	-38.0	5.9	0	12	35	2	8,527	0	-55.1	5.9	0	6	178	1
	20,238	0	-45.4	12.6	0	89	234	22	23,703	0	-42.4	14.2	0	90	237	25
KORF	5,150	0	-36.8	5.4	0	6	179	1	8,525	0	-56.8	4.5	0	24	209	4
	20,206	0	-44.4	9.5	0	89	223	20	23,643	0	-42.1	11.3	1	92	225	22
PETROPAVLOVSK/KAMCATSKIJ	5,125	0	-48.0	3.9	0	37	130	5	8,494	0	-55.6	4.2	0	37	182	7
	20,301	0	-43.1	11.3	0	91	222	16	23,760	1	-42.5	12.9	1	77	209	12
OHOTSK	5,098	0	-41.8	4.7	0	43	127	8	8,399	0	-60.5	4.1	0	43	143	7
	20,024	2	-43.4	11.6	2	84	227	26	23,461	2	-41.5	13.1	3	86	219	32
JUZNO-SAHALINSK	5,095	0	-41.0	4.4	0	67	259	11	8,445	0	-53.4	4.8	0	79	260	17
	20,262	2	-46.1	11.0	2	85	240	15	23,652	3	-45.9	11.8	4	69	219	11
VLADIVOSTOK	5,200	0	-37.0	5.4	0	78	286	18	8,598	1	-53.1	5.7	1	87	281	26
	20,326	8	-49.2	9.9	7	86	261	16	23,675	8	-48.5	10.6	8	79	241	12
OLENEK	5,073	3	-41.5	4.7	3	58	333	8	8,387	3	-61.0	4.3	3	58	335	10
	19,355	6	-68.2	4.9	7	54	260	16	22,524	17	-58.8	6.5	9	70	243	32
VERHOJANSK	5,088	13	-41.7		9	51	165	5	8,386	13	-60.3		9	63	167	7
	19,473	16	-59.9													
SEJMCAN	5,127	0	-39.8	5.2	0	24	148	4	8,459	0	-59.0	4.6	0	48	169	7
	19,993	4	-46.4	11.3	4	90	218	27	23,447	7	-41.7	14.2	7	85	223	31
JAKUTSK	5,079	0	-41.9	4.0	0	6	8	1	8,386	0	-60.4	3.5	0	6	35	1
	19,592	1	-54.0	8.4	1	72	237	22	22,951	2	-47.4	11.1	2	78	233	32
ALDAN	5,149	13	-40.7	3.5	9	35	306	5	8,476	13	-59.2	3.4	9	34	294	7
	19,811	15	-52.9	8.2	9	84	227	26	23,119	17	-52.6	9.4	9	86	218	37
CITA	5,264	1	-36.9	7.1	1	81	336	18	8,643	1	-57.2		1	81	333	25
	20,086	3	-50.5		4	90	281	27	23,455	9	-48.5		8	85	267	26
BLAGOVESCENSK	5,144	0	-39.2	6.4	0	63	328	11	8,502	0	-56.1		0	74	320	14
	20,188	0	-46.1		0	81	257	20	23,597	1	-45.3		2	79	237	17
HABAROVSK	5,102	0	-40.3	6.9	0	54	290	8	8,454	0	-53.9		0	64	287	12
	20,233	0	-45.1		0	82	247	18	23,663	1	-44.3		1	72	229	14
HONG KONG																
KINGS PARK	5,817	0	-6.2	37.0	1	97	273	24	9,632	0	-31.2	27.2	1	98	268	31
	20,568	15	-65.1	22.9	5	82	257	6	23,766	17	-55.3	29.1	8	50	95	2
REPUBLIC OF KOREA																
POHANG	5,239		-29.7	8.4	0	96	263	46	8,907		-48.0		0	97	270	82
	20,447		-34.4		9	98	267	34	23,585		-51.3		9	43	246	7

UPPER AIR DATA

JANUARY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
ASIA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
JAPAN																																									
WAKKANAI	2	1,009		-7.2	3.8					1,324	0	-16.4	4.1	0	44	269	4	2,757	0	-24.9	7.5	0	68	262	9	5,129	0	-40.2		0	74	264	14	8,484	0	-53.4		0	84	264	22
		11,116	0	-49.3		0	93	261	26	13,006	0	-48.2		0	94	260	27	15,679	0	-47.5		0	94	259	25	20,253	1	-47.7		1	89	246	15	23,623	4	-47.2		5	62	214	8
SAPPORO	2	1,009		-5.8	4.5					1,341	0	-14.6	4.8	1	75	286	8	2,785	0	-23.3	9.3	0	78	276	11	5,172	0	-38.3		0	86	268	19	8,556	0	-51.9		0	87	264	28
		11,203	0	-47.8		0	94	263	33	13,102	0	-48.2		0	96	260	33	15,763	0	-49.3		0	94	259	29	20,304	1	-49.5		2	91	245	14	23,659	3	-48.0		4	44	208	6
NEMURO	2	1,006		-5.8	4.0					1,330	0	-13.5	7.4	0	52	279	6	2,781	0	-22.2	9.3	0	76	268	10	5,175	0	-37.8		0	77	261	17	8,568	0	-51.0		1	93	260	30
		11,222	0	-47.8		1	97	260	34	13,120	0	-47.7		1	97	260	34	15,789	0	-48.3		2	96	259	28	20,339	2	-48.5		3	90	245	13	23,704	3	-47.5		6	49	190	5
AKITA	2	1,013		-1.7	4.4					1,383	0	-11.8	3.5	0	89	275	12	2,842	0	-21.0	6.3	0	90	267	17	5,254	0	-35.2	11.0	0	90	270	28	8,689	0	-48.4		0	92	264	41
		11,364	0	-47.6		0	95	260	43	13,248	0	-51.4		0	97	260	43	15,871	0	-52.5		0	97	263	36	20,349	1	-53.8		3	90	250	12	23,659	4	-50.4		6	51	201	5
SENDAI	2	1,009		-0.2	5.6					1,394	0	-10.0	4.1	0	91	284	12	2,867	0	-18.3	9.8	0	91	277	19	5,311	0	-31.7	13.6	0	92	272	29	8,785	0	-47.7		0	93	259	46
		11,446	0	-49.0		0	96	261	54	13,324	0	-51.3		0	97	262	52	15,942	0	-53.7		0	96	262	38	20,381	1	-53.5		2	91	246	11	23,690	3	-50.9		5	49	212	4
WAJIMA	2	1,017		1.0	4.1					1,424	0	-9.1	4.5	0	88	276	9	2,899	0	-18.5	8.5	0	90	265	15	5,343	0	-31.5	13.0	2	93	272	30	8,812	0	-48.1		6	96	262	49
		11,486	0	-47.8		4	97	262	56	13,369	0	-51.5		5	98	262	50	15,973	0	-55.8		5	97	261	37	20,386	1	-53.8		3	91	254	13	23,676	2	-52.0		7	55	229	4
TATENO	2	1,011		0.0	6.6					1,417	0	-5.3	12.1	0	90	282	9	2,911	0	-14.7	13.8	0	89	275	15	5,393	0	-28.0	14.4	0	94	267	32	8,908	0	-45.9		0	95	261	55
		11,594	0	-49.0		0	97	262	66	13,464	0	-53.5		0	98	262	59	16,040	0	-58.3		0	97	260	40	20,413	0	-55.3		0	91	245	11	23,699	0	-52.2		2	31	170	2
HACHIJOJIMA	2	997		8.1	6.8					1,445	0	-2.0	5.4	0	83	278	11	2,965	0	-9.5	15.2	0	89	271	20	5,497	0	-22.8	13.8	0	94	265	38	9,104	0	-38.6		0	97	261	73
		11,828	0	-49.3		0	98	262	82	13,675	1	-57.9		0	98	262	73	16,183	0	-64.6		0	98	260	50	20,454	0	-58.7		0	86	245	12	23,702	0	-54.2		1	22	147	2
YONAGO	2	1,020		2.1	4.2					1,452	0	-7.8	4.2	0	88	281	10	2,939	0	-15.1	14.6	0	93	287	16	5,423	0	-27.8	14.2	0	95	276	30	8,937	0	-45.8		0	96	267	52
		11,619	0	-49.2		0	97	266	65	13,487	0	-53.8		0	98	266	59	16,054	0	-58.6		0	98	268	41	20,420	1	-56.5		2	93	257	13	23,692	2	-52.6		6	34	238	3
SHIONOMISAKI	2	1,010		5.5	8.5					1,451	0	-3.5	9.3	0	89	284	10	2,965	0	-10.2	17.3	0	95	280	18	5,485	0	-24.4	13.6	0	96	269	33	9,061	0	-40.2		0	97	264	63
		11,778	0	-49.0		0	98	263	73	13,630	0	-57.2		0	98	263	66	16,153	0	-62.9		0	98	262	44	20,443	0	-57.8		0	88	253	12	23,703	1	-53.4		1	30	220	2
FUKUOKA	2	1,020		4.5	6.2					1,471	0	-5.6	7.9	0	84	294	9	2,975	0	-11.9	15.3	0	94	289	17	5,486	0	-25.1	15.0	0	96	276	33	9,053	0	-41.6	15.8	0	97	268	62
		11,757	0	-49.3		0	98	266	74	13,610	0	-56.7		0	99	265	68	16,134	0	-63.6		0	99	264	48	20,439	0	-58.5		0	90	257	11	23,691	2	-53.4		3	32	243	3
KAGOSHIMA	2	987		3.5	4.7					1,481	0	-2.5	10.3	0	87	301	11	3,003	0	-8.4	17.0	0	95	286	18	5,550	0	-20.9	15.5	0	96	272	33	9,182	0	-37.4	16.1	0	97	266	65
		11,906	0	-50.2		0	99	264	75	13,742	0	-59.3		0	99	265	67	16,225	0	-67.3		0	99	264	45	20,463	0	-59.8		1	86	256	10	23,709	2	-54.4		2	21	222	2
NAZE	2	986		10.4	3.5					1,509	0	1.5	5.0	0	83	310	8	3,056	0	-3.6	18.1	0	96	281	16	5,652	0	-15.5	16.8	0	97	270	36	9,388	0	-33.0	16.2	0	98	263	64
		12,127	0	-51.8		0	99	263	67	13,939	0	-63.6		0	99	262	61	16,356	0	-73.2		0	99	233	42	20,483	1	-61.5		3	83	259	8	23,693	4	-56.0		8	22	232	2
ISHIGAKIJIMA	2	1,012		16.3	6.1					1,535	0	5.9	5.6	0	54	2	3	3,109	0	0.5	14.5	0	91	278	11	5,772	0	-8.0	22.9	0	99	269	33	9,572	0	-31.3	17.5	0	99	266	45
		12,314	0	-52.7		0	98	260	48	14,115	0	-65.2		0	99	258	44	16,491	0	-78.5		0	99	262	33	20,521	0	-63.4		0	73	252	7	23,714	1	-57.1		3	40	135	2
NAHA	2	1,018		15.2	7.0					1,526	0	3.6	4.7	0	78	336	6	3,089	0	-0.7	15.8	0	95	281	15	5,724	0	-10.5	19.7	0	97	267	36	9,507	0	-31.7	16.8	0	99	263	52
		12,250	0	-52.4		0	99	263	55	14,056	0	-64.9		0	99	262	53	16,447	0	-76.5		0	99	263	36	20,514	3	-62.7		3	84	262	8	23,719	4	-56.4		5	22	195	1
MINAMIDAITOJIMA	2	1,018		15.5	6.5					1,515	0	4.3	4.7	0	81	325	6	3,080	0	0.1	17.8	0	93	274	15	5,728	0	-9.3	20.1	1	98	266	39	9,516	0	-31.7	17.0	2	99	265	52
		12,257	0	-52.7		3	99	260	54	14,060	1	-65.5		3	99	261	52	16,441	1	-77.6		3	99	261	34	20,500	3	-62.7		5	75	261	7	23,703	4	-55.8		6	29	110	2
CHICHIJIMA	2	1,016		17.4	7.4					1,501	0	5.2	3.9	1	73	281	8	3,072	0	0.9	17.7	0	88	263	19	5,717	0	-10.7	19.2	0	96	263	40	9,505	0	-31.3	16.5	0	98	261	58
		12,250	0	-52.3		0	98	262	60	14,059	0	-64.3		0	99	260	55	16,447	0	-77.2		0	98	256	40	20,523	0	-63.6		0	82	245	7	23,714	2	-56.1		5	50	120	2
MINAMITORISHIMA	2	1,014		22.1	5.7					1,511	0	10.7	5.0	0	43	262	4	3,112	0	5.5	20.7	0	81	262	12	5,804	0	-6.8	21.0	0	94	263	24	9,617	0	-31.5	16.5	0	96	266	30
		12,359	0	-52.6		0	97	269	32	14,160	0	-65.7		0	97	263	31	16,525	0	-80.5		0	95	253	22	20,519	0	-66.9		0	62	230	4	23,683	1	-56.7		2	87	94	5
ISRAEL																																									
BET DAGAN		1,014		18.2	9.9					1,507	0	5.9	8.6	0	60	236	9	3,070	0	-1.7	14.2	0	74	258	15	5,672	0	-17.8	12.4	0	88	259	15	9,297	0	-43.1	9.6	0	96	265	32
		11,954	0	-54.8		0	97	266	44	13,779	0	-59.5		0	97	264	42	16,283	0	-65.7		0	97	265	32	20,542	12	-60.1													
JORDON																																									
MAFRAQ	2	940		9.0	6.8					1,474	0	4.9	8.2	0	57	218	4	3,057	0	-2.2	15.0	0	74	250	7	5,650	0	-18.1	14.0	0	89	253	14	9,263	1	-43.8		1	92	259	26
		11,902	6	-55.1		6	93	259	32	13,721	9	-58.6		9	91	261	29	16,221	14	-64.3		14	98	264	26																
KUWAIT																																									
KUWAIT INTL AIRPORT	3	1,014		13.8	3.5					1,554	0	8.0	10.7	0	55	268	7	3,107	0	0.1	26.3	0	99	267	22	5,725	0	-15.2	46.8	0	93	271	43	9,379	0	-40.7	70.6	0	98	272	98
		12,045	0	-55.9		0	98	279	11	13,831	0	-60.8		0	99	273	10	16,303	0	-69.7		0	99	277	73	20,467	1	-63.5		1	85	281	13	23,669	4	-56.2		4	40	103	5
SAUDI ARABIA																																									
JEDDAH (KING ABDULAZIZ) AP	3	1,011		24.6	9.7					1,517	1	14.6	8.8	1	85	171	5	3,138	1	8.8	32.4	2	87	259	7	5,836	1	-7.6	28.8	1	95	271	19	9,603	1	-35.0	16.2	1	95	275	29
		12,313	1	-54.0	13.5	1	94	277	45	14,112	1	-64.7	15.4	2	97	272	30	16,516	2	-75.7	15.7	3	96	273	21	20,568	3	-64.9	17.8	3	72	268	4	23,766	8	-55.7	29.0	8	57	88	3
TABOUK	3	929		12.7	11.3					1,523	4	8.7	11.8	4	42	214	2	3,106	4	1.9	26.3	4	81	258	8	5,745	4	-13.9	26.3	4	94	269	21	9,436	4	-38.1	21.2	5	97	271	45
		12,125	5	-54.1	19.8	5	97	273	2	13,939	6	-62.2	22.6	7	97	273	45	16,390	8	-69.7	22.4	7	97	272	31	20,559	9	-61.9	24.1	9	80	273	5	23,780	11	-54.1	29.5	9	20	82	1
MADINAH	2	942		22.4	19.4					1,519	1	13.1	13.9	1	53	178	3	3,127	1	5.9	29.7	1	88	256	8	5,800	1	-10.2	28.5	1	95	272	21	9,552	1	-35.9	17.8	3	99	271	42
		12,242	1	-54.4	17.5	1	96	275	43	13,746	2	-63.8	19.9	1	97	274	38	16,452	1	-74.1	20.8	1	97	273	28	20,548	7	-16.2	21.8	7	64	301	3	23,750	9	-55.5	27.4	9	64	111	4
KHAMIS MUSHAIT	3	798		14.3	12.5													3,157	6	10.0	24.5	5	74	251	4	5,869	5	-16.0	30.4	5	42	282	9	9,661	5	-33.8	20.4	7	95	279	17
		12,386	6	-53.6	16.6	6	91	279	22	14,180	7	-66.1	16.0	7	94	274	19	16,555	10	-77.1	15.8	9	91	274	11	20,577	13	-65.6	16.6					23,760	13	-56.0	20.9				
KING KHALED INT AP	3	948		14.0	14.5					1,530	5	10.7	14.2	4	43	242	2	3,126	4	3.9	21.4	4	89	269	9	5,787	4	-11.3	27.4	4	96	276	21	9,520	4	-36.4	20.1	6	99	277	42
		12,219	4	-54.0	20.2	4	97	279	43	14,024	6	-63.2	21.3	6	97	275	38	16,462	8	-72.4	22.2	9	99	273	30	20,566	11	-63.4	22.5					23,771	15	-55.9					
DHAHRAN	3	3,016		16.1	7.3					1,521	1	10.4	18.0	0	70	293	4	3,111	0	3.0	22.5	0	88	276	10	5,759	0	-12.7	24.0	0	95	278	21	9,472	1	-37.5	16.7	3	96	280	41
OMAN																																									
SEEB INTERNATIONAL AP	3	1,015		20.9	9.0					1,527	0	10.8	11.5	0	64	277	3	3,125	0	4.6	29.2	0	83	285	7	5,787	0	-10.9	27.4	0	93	283	20	9,529	0	-35.8	20.9	0	93	277	37
		12,234	0	-54.1	19.7	0	95	271	37	14,039	0	-63.3	20.7	0	94	269	33	16,468	0	-73.0	20.1	0	96	269	24	20,556	0	-64.1	21.2	0	87	266	5	23,695	0	-56.7	25.9	0	19	45	1
UNITED ARAB EMIRATES																																									
ABU DHABI INT AIRPORT	3	1,015		18.3	6.1					1,523	0	11.0	16.6	0	44	286	2	3,120	0	4.5	22.3	0	87	282	8	5,777	0	-11.5	23.0	0	95	281	21	9,503	0	-36.6	18.0	0	96	279	40
		12,199	0	-54.1		1	97	275	41	14,000	1	-63.3		3	98	271	38	16,429	5	-72.0		9	98	271	29	20,538	9	-63.7		9	57	234	6	23,736	9	-56.0		9	100	203	5
IRAN																																									
TEHRAN MEHRABAD	2	881		9.5	15.4					1,571	0	6.1	14.2			285	7	3,059	0	-4.6	15.1	0	80	290	12	5,625	0	-20.9	15.8	0	88	275	29					0	91	280	52
		11,816	0	-55.8	6.7	1	96	280	69	13,649	0	-56.2		0	99	260	70																								

UPPER AIR DATA

JANUARY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
ASIA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
PAKISTAN																																									
PESHAWAR	1	975		3.2	3.1					1,493	8	5.2	4.9	8	84	327	4	3,038	7	-5.3	5.0	8	39	27	3	5,612	7	-21.7	5.9	7	66	267	9	9,188	7	-45.7		7	79	256	19
SARGODHA	1	995		6.2	2.9					1,483	1	6.2	9.3	1	61	346	3	3,046	1	-3.7	11.7	2	25	302	2	5,630	1	-20.5	10.3	2	85	255	11	9,248	0	-45.1		4	95	263	25
QUETTA/BREWERY	1	839		-0.3	4.9													3,072	1	-3.1		1	60	259	5	5,654	1	-19.1		1	86	274	13	9,304	1	-43.3		1	94	276	21
		11,927	3	-54.3		3	94	268	26	13,761	7	-57.3		9	97	270	28																								
KARACHI AIRPORT	2	1,011		25.4	13.8					1,500	0	11.4	14.8	0	60	328	3	3,097	0	4.2	15.7	0	79	297	4	5,759	0	-11.5	13.5	0	95	273	10	9,507	0	-34.3		0	98	270	19
		12,248	3	-51.5		4	98	264	25	14,038	9	-60.5																													
INDIA																																									
SRINAGAR	3	847		-3.3	1.4					1,561								3,083	0	-6.9	7.1	0	61	146	2	5,645	0	-22.1	8.4	0	72	216	7	9,223	0	-46.5		0	86	266	24
		11,826	5	-59.7		9	85	268	31																																
NEW DELHI/SAFDARJUNG	3	984		13.7	7.2					1,499	0	9.1		0	45	294	3	3,083	0	0.6		0	75	268	6	5,697	0	-16.5		0	93	267	17	9,354	0	-41.2		0	95	264	37
		12,028	0	-54.3		1	98	261	47	13,822	1	-61.0		5	97	262	37	16,254	2	-70.0		7	98	262	23	20,457	4	-58.9		9	15	74	1	23,748	13	-52.1					
JODHPUR	3	990		17.6	17.2					1,505	0	10.4	13.4	0	21	346	1	3,097	0	1.8		0	85	254	7	5,732	0	-13.1		0	95	263	20	9,449	0	-35.6		1	97	262	43
		12,175	1	-51.4		9	97	259	55	14,001	4	-60.8						16,476	5	-68.8						20,727	7	-55.9						24,024	8	-48.7					
LUCKNOW/AMAUSI	3	1,001		15.0	5.3					1,494	0	9.5	13.6	0	7	300	4	3,077	0	1.3		0	93	283	8	5,714	0	-14.4		0	94	275	17	9,415	3	-37.5		9	98	265	35
GAUHATI	3	1,009		16.9	4.4					1,490	0	9.8	6.6	0	30	134	1	3,084	0	2.0		0	86	275	8	5,731	1	-11.1		3	96	269	25	9,485	6	-33.9					
AHMADABAD	3	1,007		20.9	11.9					1,510	0	14.8	17.9	5	6	315	1	3,121	0	5.9		5	77	250	7	5,810	8	-8.6													
CALCUTTA/DUM DUM	3	1,013		19.8	7.7					1,497	0	11.5	13.7	0	91	319	7	3,102	0	5.5		0	92	288	9	5,777	0	-9.5		0	95	262	21	9,542	0	-34.8		0	98	257	33
		12,252	0	-56.1		0	95	251	36	14,024	1	-67.5		1	94	254	29	16,412	7	-77.6		7	87	255	17																
NAGPUR/SONEGAON	3	979		19.7	9.1					1,521	0	15.1	9.3	0	14	197	1	3,133	0	6.3		0	73	281	5	5,834	0	-7.8		0	97	250	16	9,619	0	-32.4		0	95	257	25
		12,348	3	-53.1		2	96	250	25																																
BHUBANESWAR	3	1,009		21.4	8.8					1,509	0	12.8	7.8	0	75	355	4	3,110	0	6.8		0	70	293	5	5,817	0	-7.4		0	91	258	13	9,615	0	-33.5		0	96	257	24
		12,351	0	-54.9		0	96	245	28	14,122	0	-67.5		0	95	248	24	16,489	0	-78.0		0	84	252	15	20,619	2	-61.1		4	64	306	5	23,826	11	-54.3					
BOMBAY/SANTACRUZ	3	1,010		23.8	9.5					1,499	0	16.1	13.1	0	37	157	2	3,115	0	6.6	16.8	0	55	242	4	5,814	0	-7.0		0	78	250	12	9,611	0	-33.3		0	90	249	25
		12,328	1	-55.0		1	95	238	26	14,107	4	-67.0		4	79	235	18	16,498	6	-76.5		6	86	248	12	20,612	13	-63.1													
HYDERABAD AIRPORT	3	955		21.4	8.9					1,540	0	15.7	8.6	0	71	90	4	3,165	0	8.6		0	46	243	3	5,865	0	-6.6		0	77	250	9	9,665	0	-31.7		0	92	255	17
		12,418	0	-54.3		0	95	236	19	14,214	3	-67.6		3	92	247	16	16,573	7	-79.0		7	68	254	6																
VISHAKHAPATNAM/WALTAIR	3	1,007		23.1	6.2					1,498	0	14.3	10.4	0	71	47	4	3,121	0	8.7	17.1	0	36	254	2	5,833	0	-5.9		0	96	252	11	9,663	0	-30.8		0	99	261	18
		12,420	1	-51.1		2	99	237	21																																
GOA/PANJIM	3	1,004		24.7	6.3					1,496	0	15.5	13.1	0	62	101	3	3,112	0	7.7		0	27	252	1	5,819	0	-6.5		0	58	258	5	9,631	1	-32.1		1	84	263	13
		12,367	2	-54.3		2	85	238	15	14,161	4	-66.8		4	90	250	13	16,545	7	-76.0		7	81	256	7																
MADRAS/MINAMBAKKAM	3	1,011		23.8	4.3					1,500	0	14.7	5.7	0	82	56	6	3,127	0	9.4	11.7	0	24	129	1	5,848	0	-4.9		0	32	144	2	9,677	0	-30.4		0	40	247	4
		12,429	0	-52.9		1	79	192	13	14,232	0	-66.2		3	63	204	9	16,605	6	-79.1		8	39	212	3	20,706	10	-61.8													
PANAMBUR	3	1,006		26.0	6.3					1,497	0	16.8	11.5	0	36	140	2	3,128	0	9.3	21.7	0	33	59	1	5,842	0	-5.8		0	11	148	1	9,650	0	-32.4		1	50	284	5
		12,395	0	-55.4		1	61	231	9	14,173	0	-70.0		6	62	248	7	16,495	1	-82.1						20,540	3	-62.2						23,679	5	-53.6					
PORT BLAIR	3	1,002		25.2	4.4					1,504	0	16.2	7.5	0	89	82	5	3,135	0	9.0	17.2	0	80	107	4	5,846	1	-5.5	14.7	1	74	121	5	9,666	3	-31.2		3	47	143	3
		12,386	13	-54.9																																					
COCHIN/WILLINGDON	3	1,009		27.3	5.0					1,500	0	17.3	7.8					3,136	0	9.9	17.7					5,859	0	-4.9						9,689	2	-30.9					
		12,425	3	-54.6						14,193	8	-68.3																													
MINICOY	3	1,010		26.6	4.3					1,495	0	16.6	11.1	0	45	50	2	3,129	0	9.2	18.2	0	8	356	1	5,845	0	-6.1		0	32	77	2	9,679	0	-30.3		0	13	88	2
		12,437	5	-52.2		6	53	145	7																																
TRIVANDRUM	3	1,002		26.6	5.3					1,488	0	16.7	7.9	0	57	21	2	3,117	0	8.9	16.2	0	19	10	1	5,828	0	-5.9		0	34	61	3	9,654	0	-31.2		0	37	132	3
		12,393	0	-54.2		0	61	139	9	14,180	0	-67.5		0	45	143	6	16,540	0	-78.5		0	33	85	2	20,660	1	-61.6		1	84	264	7	23,880	4	-51.2		4	51	258	3
MONGOLIA																																									
ULAN-BATOR		872		-21.2	1.6					1,500	0	-19.8	2.3	0	64	309	4	2,956	0	-19.2	4.7	1	90	330	11	5,391	0	-32.9	5.2	0	85	320	15	8,793	0	-58.4	3.4	0	84	322	20
		11,321	1	-58.9	3.9	1	86	311	24	13,131	2	-56.5	4.7	2	91	302	25	15,710	3	-56.1	5.5	3	96	297	25																
SAINSHAND		913		-17.9	4.5					1,474	1	-12.9	5.9	1	57	312	5	2,951	0	-18.3	7.7	0	85	318	11	5,397	0	-33.4	7.2	0	85	319	18	8,807	0	-57.0	5.6	0	79	310	22
		11,357	0	-56.9	6.1	0	93	299	28	13,188	0	-54.7	6.9	0	93	293	30	15,790	0	-54.1	8.1	0	95	288	28																
DALANZADGAD		855		-14.7	7.3					1,536	8	-15.5	6.5	9	89	327	5	2,993	0	-15.2	8.4	0	79	314	9	5,471	0	-29.9	8.5	0	79	305	14	8,920	1	-54.1	6.8	1	75	296	19
		11,478	0	-57.9	6.7	1	86	291	25	13,299	0	-55.4	7.2	2	96	287	30	15,875	2	-56.2	8.0	8	96	287	29																
MALAYSIA																																									
PENANG/BAYAN LEPAS	3	1,009		26.1	4.2					1,504	0	18.3	4.3	0	69	60	3	3,144	0	10.1	8.0	0	46	75	2	5,867	0	-4.9	8.2	0	94	84	8	9,697	0	-30.5	9.0	0	80	107	6
		12,439	0	-53.3		0	93	122	14	14,227	0	-67.9		0	97	120	23	16,583	0	-80.3		0	74	94	8	20,607	1	-66.9		3	93	261	10	23,740	4	-60.1		6	96	267	13
KOTA BHARU	3	1,011		24.4	2.9					1,505	0	16.1	2.6	0	89	66	7	3,136	0	9.3	6.8	2	58	75	4	5,855	1	-5.1	7.0	8	94	86	9	9,677	8	-31.6	8.7	11	81	94	7
		12,408	11	-54.3		14	90	135	11	14,189	14	-69.2		15	97	130	19	16,516	24	-81.6		24	76	81	7	20,532	30	-65.0		30	100	240	11	23,692	30	-55.6		30	100	250	14
KUALA LUMPUR/PETALING JAYA	3	1,005		24.7	2.8					1,501	0	16.1	2.4	0	66	18	3	3,131	0	7.8	4.3	0	32	20	2	5,838	0	-6.7	5.0	0	79	68	5	9,651	0	-32.3	8.3	0	80	110	7
		12,376	0	-55.5		0	95	111	16	14,146	0	-70.9		0	98	114	24	16,473	0	-81.5		4	63	95	7	20,524	0	-66.1		11	95	262	11	23,691	8	-59.5		18	98	267	15
KUANTAN	3	1,009		23.1	1.8					1,501	0	15.3	2.8	0	89	32	8	3,129	0	8.1	5.9	0	53	42	4	5,841	0	-6.2	8.9	0	81	81	6	9,660	0	-32.0	9.9	0	77	112	6
		12,385	0	-55.7		0	94	118	16	14,151	0	-71.4		0	97	119	23	16,475	0	-81.8		0	80	107	11	20,522	1	-66.3		2	84	271	8	23,671	4	-59.5		6	98	275	15
KUCHING	3	1,007		24.4	1.4					1,497	3	16.2	2.6	5	54	333	3	3,131	3	8.5	7.8	4	23	277	2	5,841	3	-6.5	7.7	5	21	122	2	9,655	3	-31.9	9.2	10	72	102	7
		12,383	6	-54.4		16	92	104	15	14,166	6	-69.9		27	98	111	12	16,503	8	-80.5		30	100	80	21	20,553	18	-66.2						23,707	29	-59.1					
KOTA KINABALU	3	1,009		25.5	2.4					1,493	0	18.1	3.2	0	68	66	4	3,135	0	10.3	6.6	0	65	80	5	5,859	1	-5.1	7.2	2	76	88	7	9,679	1	-31.3	7.8	2	90	99	9
		12,419	2	-52.5		8	93	112	11	14,217	2	-66.4		11	98	121	15	16,573	2	-79.8		17	93	106	13	20,612	5	-66.4		25	98	265	13	23,750	17	-59.1		29	98	267	9

UPPER AIR DATA

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STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB							850 MB 150 MB							700 MB 100 MB						
			TEMPERATURE			MEAN VECTOR WIND				TEMPERATURE			MEAN VECTOR WIND				TEMPERATURE			MEAN VECTOR WIND		
		HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
ASIA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
MALAYSIA																									
TAHAU	1	1,008		24.8	1.3					1,502	1	18.1	3.5	1	59	33	4	3,144	1	10.4	6.3	1	45	66	3
		12,465	1	-50.9		1	96	109	17	14,275	1	-64.8		3	98	114	23	16,649	1	-78.1		12	88	102	13
SINGAPORE																									
SINGAPORE/CHANGI AIRPORT		1,008		23.6	1.3					1,498	0	17.2	4.0	0	70	2	6	3,133	0	8.8	5.1	0	37	333	3
		12,403	0	-54.2	8.5	0	94	108	16	14,182	0	-69.1		0	98	109	25	16,532	0	-80.2		0	57	79	5
CHINA																									
HAILAR	1	947		-31.0	2.5					1,403	0	-21.6	3.2	3	78	327	7	2,826	0	-24.8	3.9	2	93	329	13
		11,114	2	-56.4	5.1	2	91	302	20	12,952	2	-53.8	5.8	3	91	297	21	15,567	2	-52.2	6.9	3	96	285	23
URUMQI	1	920		-12.9	2.2					1,526	0	-6.9	4.6	1	40	124	2	3,039	0	-10.6	9.7	0	14	309	1
		11,583	1	-58.9	6.5	0	95	271	21	13,405	1	-56.0	6.8	0	96	271	23	15,980	1	-56.8	6.9	0	98	267	24
BEIJING	1	1,022		-6.9	9.2					1,486	0	-10.1	11.7	0	86	309	10	2,966	0	-16.3	11.5	0	88	310	13
		11,457	0	-53.4	8.9	1	98	281	41	13,315	0	-53.0	9.5	1	98	280	40	15,912	0	-55.5	10.0	1	99	281	33
LANZHOU	1	854		-9.5	5.9									4	0	360	0	3,055	0	-9.9	9.6	0	67	272	4
		11,741	1	-54.3	8.1	1	98	274	51	13,580	2	-56.4	8.5	2	98	271	48	16,126	4	-60.9	7.6	6	97	274	37
SHANGHAI	1	1,027		0.9	2.7					1,516	0	-3.2	11.2	0	78	307	7	3,042	0	-7.4	12.8	0	94	291	15
		11,944	1	-49.6	10.7	9	99	268	69	13,791	1	-58.7	10.6	9	98	264	65	16,285	1	-66.6		9	100	268	42
LHASA	1	651		-7.0	13.3																				
		12,087	0	-51.3	14.4	0	97	264	62	13,916	2	-60.4	15.4	3	98	265	55	16,388	2	-68.9		6	98	265	40
KUNMING	1	813		4.2	2.6													3,110	0	1.7	4.4	0	92	267	12
		12,311	0	-52.6	12.4	2	98	262	48	14,119	1	-64.6		3	98	263	42	16,514	3	-76.9		6	100	267	32
GUANGZHOU	1	1,022		9.9	4.2					1,538	0	7.2	7.8	0	20	67	1	3,122	0	3.0	14.5	0	83	287	10
		12,366	0	-52.0	13.7	0	95	258	39	14,177	0	-64.3		0	97	255	38	16,572	0	-78.3		0	96	262	26
AUSTRALASIA																									
NEW ZEALAND																									
CHRISTCHURCH AERODROME	1	1,009		20.9	6.8					1,478	1	10.8	8.8	1	51	291	6	3,070	1	1.9	10.4	0	77	290	14
		12,050	1	-56.8	9.2	1	85	289	45	13,867	1	-56.4	10.6	2	92	287	37	16,391	1	-60.5		2	87	282	21
INVERCARGILL AERODROME	1	1,011		17.4	5.3					1,458	0	7.7	3.7	1	80	300	17	3,035	0	-0.5	8.1	0	82	286	22
		11,927	0	-56.3		0	85	292	44	13,752	0	-56.7		0	90	290	38	16,314	0	-58.4		0	91	289	25
NORTH PACIFIC																									
MIDWAY ISLAND	1	1,014		21.3	8.8					1,503	0	11.2	9.0	4	69	264	9	3,107	0	5.2	16.5	1	88	270	15
		12,319	0	-51.7		13	84	287	30	14,140	0	-62.1		15	86	293	24	16,571	0	-73.2		15	89	292	19
LIHUE, KAUAI, HAWAII	1	1,012		24.6	6.2					1,528	3	13.4	9.8	3	14	33	1	3,150	3	8.9	19.9	3	47	289	4
		12,379	3	-52.5		3	88	296	24	14,189	3	-63.9		3	88	293	23	16,591	3	-76.6		3	91	292	16
HILO/GEN. LYMAN, HAWAII	1	1,014		24.8	6.3					1,520	0	12.9	3.1	0	17	167	1	3,141	0	9.4	19.5	0	22	306	2
		12,388	0	-52.0		2	84	298	20	14,198	0	-64.4		2	86	298	19	16,592	0	-77.7		2	86	300	11
WAKE ISLAND	1	1,015		25.9	5.0					1,534	0	15.0	4.6	1	40	111	3	3,167	0	10.7	18.6	1	23	248	3
		12,467	1	-51.7		1	57	294	10	14,279	1	-64.8		1	62	280	9	16,654	1	-80.2		1	49	252	5
GUAM, TAGUAC, MARIANA IS.	1	1,000		26.1	3.6					1,521	0	17.2	5.4	0	94	80	8	3,163	0	10.7	14.2	0	79	77	6
		12,500	0	-51.7		0	44	166	3	14,303	0	-66.3		0	61	155	5	16,656	0	-82.5		0	88	133	10
YAP, CAROLINE ISLANDS	1	1,008		27.7	3.3					1,506	0	18.2	4.3	0	95	83	10	3,151	0	10.8	11.6	0	92	83	9
		12,486	0	-52.3		0	85	125	8	14,285	0	-67.1		0	86	127	10	16,629	0	-83.4		0	95	114	16
TRUK, CAROLINE ISLANDS	1	1,009		28.3	4.4					1,504	0	18.3	3.8	0	97	81	9	3,149	0	10.6	8.0	0	91	93	8
		12,501	1	-51.7		1	65	125	7	14,305	1	-66.7		1	70	124	8	16,651	1	-83.1		1	92	101	16
KOROR, PALAU ISLANDS	1	1,006		27.2	2.6					1,503	0	18.3	2.8	1	93	86	9	3,149	0	10.7	8.7	1	93	88	7
		12,495	0	-51.7		0	90	118	11	14,298	0	-66.3		1	95	123	15	16,650	0	-82.7		0	97	113	18
MAJURO, MARSHALL ISLANDS	1	1,009		28.6	4.1					1,501	0	18.4	2.4	0	96	89	9	3,151	0	11.6	11.4	0	92	88	8
		12,515	1	-51.0		1	11	170	1	14,324	1	-65.6		1	13	94	1	16,689	1	-81.6		1	82	79	8
PONAPE/POHNPEI, CAROLINE ISL	1	1,003		28.5	4.4					1,488	0	18.0	2.5	1	96	84	10	3,135	0	10.9	8.4	0	91	99	9
		12,487	0	-51.7		1	41	134	4	14,290	0	-66.6		2	47	116	5	16,641	0	-82.6		1	92	91	14
TARAWA, GILBERT ISLANDS	1	1,007		29.5	4.6					1,487	0	18.6	3.1	3	87	86	14	3,133	0	10.6	8.5	3	78	91	11
		12,464	1	-53.1	9.1	3	35	215	7	14,263	1	-69.1	7.8	4	26	202	5	16,566	1	-86.1		5	82	63	23
SOUTH PACIFIC																									
FUNAFUTI, ELLICE IS.	1	1,006		30.0	4.9					1,484	0	18.7	3.5	1	38	34	5	3,132	0	10.6	6.3	2	27	351	3
		12,467	0	-56.7		4	56	227	10	14,262	0	-68.0		5	43	227	7	16,597	2	-83.2		6	44	251	6
ATUONA, MARQUESAS ISLAND	1	1,004		29.9	8.5					1,498	0	15.6	4.0	0	97	68	6	3,125	0	10.4	18.6	0	85	83	6
		12,404	0	-52.8		0	75	230	19	14,204	0	-65.2		0	82	248	24	16,589	0	-77.7		0	94	261	21
PAGO PAGO, SAMOA	1	1,007		28.5	3.6					1,488	1	17.6	2.0	2	35	16	2	3,132	0	10.0	4.8	1	28	340	2
		12,467	2	-52.3		2	76	247	10	14,265	2	-66.9		2	90	243	12	16,627	2	-80.3		2	71	243	6
HAO, TUAMOTU IS.	1	1,012		28.7	4.7					1,520	0	16.1	4.8	0	93	64	8	3,146	0	7.6	7.6	0	93	73	7
		12,365	0	-54.9		0	86	211	14	14,144	0	-68.0		0	90	215	19	16,522	1	-75.8		1	89	224	9
TAHITI, SOCIETY IS.	1	1,010		29.3	5.4					1,504	0	16.8	4.2	0	81	50	6	3,136	0	8.6	8.2	0	58	29	4
		12,408	0	-53.0		0	73	234	13	14,196	0	-67.6		0	84	228	19	16,562	1	-78.3		1	80	238	10
NANDI, FIJI IS.	1	1,006		30.9	8.7					1,490	0	17.8	3.3	1	71	65	6	3,132	0	11.1	10.6	1	30	86	3
		12,432	0	-53.6	11.0	3	65	265	22	14,221	0	-67.7		3	71	262	25	16,573	1	-80.8		3	66	230	14
RAROTONGA, COOK IS.	1	1,009		27.0	2.8					1,496	0	16.5	2.5	0	41	31	6	3,132	0	9.2	8.0	0	55	330	9
		12,396	1	-54.5		0	83	271	34	14,181	2	-68.3		0	81	267	38	16,552	2	-76.5		0	72	260	23

STATION	500 MB 50 MB								300 MB 30 MB							
		TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND			
	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
ASIA	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
MALAYSIA																
TAHAU	5,870	1	-4.5	8.8	1	58	92	5	9,706	1	-29.8	11.7	1	95	96	11
	20,758	6	-62.5		28	17	264	2	24,065	30	-54.2					
SINGAPORE																
SINGAPORE/CHANGI AIRPORT	5,842	0	-5.9	4.1	0	49	65	3	9,665	0	-31.0	7.7	0	80	113	7
	20,560	3	-66.1		3	94	270	12	23,700	3	-60.3		3	98	270	15
CHINA																
HAILAR	5,212	0	-38.1	5.1	2	89	326	16	8,563	1	-57.9	4.5	2	87	321	20
	20,082	3	-49.4	9.0	6	92	263	24	23,427	7	-47.8	10.3	9	87	244	20
URUMQI	5,544	0	-27.9	8.4	0	73	283	8	9,024	1	-52.6	6.9	1	75	278	14
	20,367	2	-66.6	7.3	1	96	268	21	23,640	4	-55.1	7.5	4	90	260	19
BEIJING	5,425	0	-31.5	10.0	0	92	300	21	8,866	0	-53.7	8.6	0	95	290	33
	20,329	0	-55.1	10.8	1	96	276	17	23,616	1	-52.0	11.6	2	67	266	9
LANZHOU	5,591	0	-23.6	10.6	0	94	293	16	9,127	0	-49.1	7.8	0	97	279	38
	20,432	8	-59.2		9	86	280	12	23,681	14	-54.4		9	23	287	3
SHANGHAI	5,600	0	-21.0	11.8	0	97	283	28	9,232	0	-38.5	11.3	1	97	269	63
	20,500	2	-61.0		9	92	270	12	23,731	4	-54.7		9	14	291	1
LHASA	5,704	0	-13.8	18.9	0	92	254	11	9,374	0	-38.7	15.1	0	96	270	46
	20,536	14	-64.7		8	67	285	6	23,721	4	-57.8		9	57	96	4
KUNMING	5,787	0	-8.4	18.7	1	97	274	30	9,575	0	-33.0	15.4	1	95	269	42
	20,523	5	-66.2		7	78	281	7	23,698	5	-57.2		7	29	64	2
GUANGZHOU	5,808	0	-6.7	20.8	0	96	272	27	9,620	0	-31.5	17.2	0	97	267	36
	20,541	0	-68.9		1	90	266	9	23,690	1	-58.4		3	20	45	1
AUSTRALASIA																
NEW ZEALAND																
CHRISTCHURCH AERODROME	5,708	1	-12.7	11.6	0	83	290	25	9,340	1	-40.3	9.7	0	78	290	37
	20,740	4	-55.4		8	73	85	6	24,047	12	-48.8					
INVERCARGILL AERODROME	5,646	0	-16.9	8.6	0	83	287	27	9,287	0	-42.9		0	80	292	41
	20,717	2	-53.7		2	38	43	3	24,390	4	-48.1		4	95	79	15
NORTH PACIFIC																
MIDWAY ISLAND	5,786	0	-7.8	17.0	0	96	274	32	9,579	0	-32.2	13.7	7	86	279	33
	20,676	1	-64.5		14	16	334	1	23,875	2	-55.4		6	82	95	8
LIHUE, KAUAI, HAWAII	5,861	3	-6.5	17.4	3	87	291	11	9,649	3	-33.4	13.6	3	89	305	20
	20,627	4	-66.4		4	41	74	2	23,807	4	-56.1		4	95	108	6
HILO/GEN. LYMAN, HAWAII	5,858	0	-6.2	19.0	0	73	319	10	9,651	0	-33.1	14.5	0	89	313	17
	20,614	0	-67.2		0	22	98	1	23,779	0	-56.4		0	87	113	4
WAKE ISLAND	5,894	0	-4.7	17.8	1	41	240	5	9,716	1	-31.3	14.6	2	42	298	7
	20,642	4	-67.3		4	61	71	3	23,813	6	-55.4		7	92	96	5
GUAM, TAGUAC, MARIANA IS.	5,891	0	-4.0	16.7	0	68	94	4	9,737	0	-29.2	14.6	0	28	82	2
	20,663	0	-65.8		0	56	306	2	23,830	0	-57.5		0	38	112	2
YAP, CAROLINE ISLANDS	5,880	0	-4.3	12.1	0	93	91	8	9,727	0	-29.3	12.8	0	86	96	7
	20,647	0	-65.4		0	83	283	4	23,813	0	-58.2		0	49	243	2
TRUK, CAROLINE ISLANDS	5,880	0	-4.1	11.1	0	87	89	8	9,734	1	-28.6	12.4	1	78	101	8
	20,678	1	-64.9		1	90	270	6	23,849	2	-58.6		2	90	273	6
KOROR, PALAU ISLANDS	5,880	0	-4.3	8.2	0	93	94	9	9,730	0	-29.1	11.8	0	93	100	9
	20,695	0	-64.2		0	90	277	6	23,875	3	-58.1		4	76	263	5
MAJURO, MARSHALL ISLANDS	5,886	0	-3.7	12.3	0	86	91	9	9,744	1	-28.6	12.3	1	27	109	3
	20,710	2	-64.7		2	94	266	8	23,891	3	-57.3		5	90	273	6
PONAPE/POHNPEI, CAROLINE ISL	5,868	0	-4.4	9.4	0	81	102	9	9,720	0	-28.7	13.3	1	57	98	5
	20,664	1	-65.3		2	93	268	7	23,831	2	-58.2		2	76	273	7
TARAWA, GILBERT ISLANDS	5,675	1	-4.1	10.9	3	91	85	20	9,710	1	-30.0	10.5	3	26	113	4
	20,588	1	-66.1		4	98	268	27	23,747	1	-59.0		4	96	273	29
SOUTH PACIFIC																
FUNAFUTI, ELLICE IS.	5,861	0	-4.5	6.9	1	18	331	2	9,710	0	-29.7	8.7	1	60	239	7
	20,612	5	-66.1		6	42	273	5	23,773	6	-56.8		8	47	77	5
ATUONA, MARQUESAS ISLAND	5,842	0	-5.3	18.7	0	34	196	2	9,662	0	-31.2	16.3	0	78	224	12
	20,627	3	-66.0		3	44	285	4	23,789	13	-57.5		17	35	97	3
PAGO PAGO, SAMOA	5,859	0	-4.5	7.3	1	37	248	2	9,707	2	-29.6	12.0	2	67	269	6
	20,637	2	-67.1		2	85	87	6	23,798	2	-57.6		3	96	87	11
HAO, TUAMOTU IS.	5,847	0	-7.1	12.0	0	59	77	3	9,643	0	-32.5	9.3	0	64	196	6
	20,568	6	-69.5		8	76	108	5	23,694	17	-59.6		20	99	94	13
TAHITI, SOCIETY IS.	5,846	0	-5.9	8.7	0	8	25	1	9,664	0	-31.0	9.9	0	65	240	7
	20,594	6	-68.0		8	91	88	8	23,754	18	-57.8		21	100	79	12
NANDI, FIJI IS.	5,862	0	-4.4	13.3	1	43	111	5	9,691	0	-30.9	12.3	2	51	265	9
	20,597	3	-66.1		6	96	90	19	23,778	22	-55.6					
RAROTONGA, COOK IS.	5,852	0	-5.5	12.6	0	60	296	11	9,666	1	-33.2	12.0	0	76	274	22
	20,644	4	-63.3		3	86	84	13	23,888	5	-52.8		4	98	87	28

UPPER AIR DATA

JANUARY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
AUSTRALASIA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH PACIFIC																																									
RAPA, AUSTRAL IS.	1	1,015		25.2	3.9					1,526	0	14.4	3.8	0	62	12	5	3,147	1	6.4	7.6	1	65	328	5	5,836	2	-8.1	12.0	3	79	298	6	9,609	3	-33.8	10.9	4	79	285	11
		12,322	3	-55.5		5	72	270	15	14,096	3	-68.7		5	77	254	16	16,498	3	-71.2		5	68	262	8	20,648	8	-63.9		8	65	75	6	23,847	13	-55.2		14	86	81	10
CHATHAM ISLAND	1	1,011		17.3	3.3					1,495	0	8.1	6.0					3,080	0	1.4	9.6					5,714	0	-14.2	10.9					9,397	0	-40.3	9.1				
		12,015	0	-57.5						13,851	0	-59.5						16,381	0	-61.1						20,740	1	-55.9						24,035	5	-48.9					
CAMPBELL ISLAND	1	1,005		11.0	3.0					1,386	1	2.9	4.7	1	71	282	20	2,947	1	-3.4	7.9	1	73	281	22	5,532	1	-18.6	8.0	1	79	282	32	9,150	1	-44.1	9.7	1	77	288	43
		11,793	1	-53.6	10.7	1	84	287	44	13,648	1	-52.7	12.0	2	87	286	35	16,268	3	-52.9		3	88	279	22	20,767	4	-49.7		5	16	10	1	24,136	6	-46.3		6	93	81	13
OCEAN SHIPS																																									
SHIP L		997		5.9	4.0					1,282	8	-4.0	2.4	8	57	271	10	2,787	8	-13.1	9.1	8	65	271	11	5,277	8	-27.6	11.5	8	72	278	17	8,767	8	-50.5		8	72	281	24
		11,356	8	-57.2		8	81	283	24	13,178	8	-56.3		8	85	279	24	15,738	8	-59.1		8	87	272	24	20,089	10	-59.0		8	92	277	32	23,293	12	-58.4		8	93	281	42

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
MARCH 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH AMERICA																																									
ANTARCTICA																																									
MAWSON	2	986		-8.0	7.1					1,147	0	-16.0	8.1	1	74	107	5	2,595	0	-20.5	7.7	1	50	164	4	5,019	0	-34.3	6.6	0	36	237	4	8,432	0	-52.4		0	52	248	7
		11,080	0	-47.7		0	81	248	11	12,981	0	-47.6		0	86	255	11	15,647	0	-48.9		0	90	255	12	20,176	0	-50.7		0	94	260	11	23,499	0	-50.7		1	95	272	11
DAVIS	1	983		-8.7	6.4					1,130	0	-14.3	3.4	4	82	62	7	2,586	0	-20.3	6.1	3	42	66	3	5,005	0	-34.7	6.6	1	16	337	1	8,404	0	-54.6		5	27	256	4
		11,034	0	-48.5		7	51	248	3	12,926	0	-48.4		7	83	253	7	15,589	0	-49.3		7	82	256	7	20,115	1	-51.1		7	95	269	9	23,429	5	-50.5		7	93	275	9
CASEY	1	979		-4.4	3.5					1,126	2	-9.9	3.2	4	58	63	4	2,600	2	-17.8	4.5	3	44	79	3	5,043	2	-32.6	5.0	2	20	298	2	8,468	3	-54.2		2	43	294	7
		11,111	3	-46.9		2	77	291	9	13,018	4	-47.1		3	83	295	11	15,694	4	-48.0		4	86	295	11	20,251	5	-48.9		5	93	298	13	23,603	7	-48.5		6	94	300	14
AUSTRALASIA																																									
AUSTRALIA WESTERN																																									
BROOME	1	1,006		26.8	2.9					1,498	5	21.6	10.3	0	56	89	4	3,145	5	8.7	7.3	0	57	96	6	5,844	5	-6.7	14.9	0	15	117	1	9,653	5	-31.5		0	70	277	7
		12,388	5	-53.6		0	75	302	7	14,175	5	-68.2		0	61	309	6	16,510	5	-82.6		1	35	71	3	20,526	9	-66.3		8	99	96	18								
PORT HEDLAND AIRPORT	1	1,007		25.7	5.0					1,502	0	21.8	13.1	0	58	81	4	3,150	0	9.4	10.4	1	66	91	5	5,852	0	-6.5	18.1	0	35	156	3	9,653	1	-31.9		1	67	260	9
		12,396	1	-52.5		0	81	289	13	14,192	1	-66.9		1	75	297	11	16,546	1	-80.8		0	40	317	4	20,595	1	-64.5		1	99	94	17								
CARNARVON AIRPORT	1	1,009		23.1	4.8					1,507	4	21.0	17.3	1	60	158	4	3,149	4	8.6	13.0	0	36	335	2	5,837	4	-9.2	15.1	1	72	259	7	9,597	4	-35.1		0	85	261	16
		12,307	4	-53.9		0	93	272	20	14,102	4	-65.7		0	94	285	20	16,487	4	-77.2		1	82	286	10	20,582	4	-63.7		5	98	98	13					20	98	86	19
PERTH AIRPORT	1	1,014		18.8	6.8					1,518	0	15.1	11.4	0	29	28	2	3,134	0	5.7	16.5	0	58	282	4	5,796	0	-12.0	13.8	0	86	278	10	9,495	1	-39.1		0	85	275	19
		12,178	1	-53.9		0	90	272	26	13,991	1	-61.7		0	95	278	26	16,444	1	-69.4		0	94	277	16	20,642	1	-61.1		1	91	91	6	23,878	12	-52.7		8	97	88	12
ALBANY AIRPORT	1	1,009		15.5	2.0					1,520	1	11.4	10.6	0	22	309	2	3,122	1	4.0	17.4	0	80	292	6	5,766	1	-13.3	15.7	0	85	281	11	9,447	1	-40.8		0	85	276	17
		12,115	1	-54.1		1	89	276	22	13,935	1	-59.9		2	95	277	23	16,418	1	-66.5		3	95	278	15	20,662	2	-59.7		7	82	72	4								
GILES	1	945		26.4	18.3					1,525	0	20.4	15.0	0	70	60	5	3,165	0	8.3	12.6	1	29	128	2	5,858	0	-7.8	16.6	0	20	243	2	9,638	0	-32.9		1	84	266	15
		12,375	1	-52.0		1	93	274	21	14,181	2	-64.8		1	88	272	16	16,567	2	-77.4		1	69	274	6	20,663	3	-63.3		1	98	92	15	23,872	5	-53.3		8	97	82	18
KALGOORLIE AIRPORT	1	974		18.4	7.1					1,529	4	16.8	12.0	7	65	30	5	3,154	4	6.5	11.9	8	39	293	3	5,826	4	-10.6	15.9	11	85	271	9	9,548	5	-37.2		14	89	274	16
		12,247	5	-53.3		17	92	278	21	14,063	5	-61.4		18	95	272	23	16,512	5	-70.6		20	95	285	13	20,689	6	-61.3						23,917	14	-52.4					
FORREST AIRPORT	1													5	6	344	0					6	38	254	3					6	55	268	6					7	84	276	19
						6	89	277	27					9	87	275	25					16	90	281	15					21	97	88	7								
AUSTRALIA NORTHEASTERN																																									
WILLIS ISLAND	1	1,007		27.9	4.8					1,487	0	17.3	5.2	1	64	124	5	3,124	0	9.8	10.2	0	31	107	2	5,843	0	-5.3	10.7	0	24	319	1	9,662	0	-31.0		1	62	284	5
		12,404	0	-53.1		1	54	290	7	14,195	0	-67.8		1	28	291	3	16,525	3	-82.9		1	43	83	3	20,551	7	-64.7		6	99	91	19	23,741	10	-54.6		9	97	85	17
DARWIN AIRPORT	1	1,004		27.0	3.1					1,488	0	19.3	5.1	0	47	182	3	3,131	0	9.4	5.3	0	64	160	4	5,848	0	-4.4	12.9	0	57	213	3	9,681	0	-30.5		1	49	163	4
		12,427	0	-53.2		0	54	114	4	14,213	0	-68.7		0	72	85	7	16,540	0	-83.8		0	84	90	9	20,559	0	-64.0		0	99	95	19								
ALICE SPRINGS AIRPORT	1	951		24.8	16.2					1,523	0	19.5	12.2	1	76	99	8	3,161	0	8.3	9.9	1	62	129	4	5,863	1	-6.7	18.7	0	41	185	3	9,658	1	-31.9		0	84	260	13
		12,402	1	-52.0		0	93	269	19	14,206	1	-65.8		1	93	272	16	16,579	1	-78.1		1	87	262	9	20,656	2	-63.9		3	98	92	13					18	99	86	19
MT. ISA AIRPORT	1	971		28.7	15.1					1,505	5	19.4	10.0	0	74	82	6	3,143	5	9.0	11.6	0	65	115	6	5,852	5	-5.8	12.7	0	43	171	3	9,668	5	-30.6		0	69	254	9
		12,418	5	-52.5		0	76	267	13	14,214	6	-66.9		1	72	269	12	16,572	6	-79.7		2	34	167	3	20,633	6	-65.0		11	99	95	17					18	98	85	20
CHARLEVILLE AIRPORT	1	980		26.1	12.9					1,529	2	16.7	10.0	0	68	71	5	3,153	2	6.8	13.2	0	45	141	4	5,841	3	-8.6	18.0	0	27	222	2	9,603	4	-33.4		1	70	259	14
		12,341	4	-51.6		1	74	260	23	14,157	4	-63.0		0	80	260	20	16,574	4	-74.3		0	68	258	7	20,719	4	-61.8		1	97	89	12	23,948	13	-52.4		13	99	88	18
TOWNSVILLE AIRPORT	1	1,010		27.2	6.0					1,502	0	16.1	3.4	0	92	86	8	3,135	0	8.8	9.2	0	53	107	4	5,845	0	-5.7	10.1	0	31	218	2	9,661	1	-31.0		0	65	264	9
		12,405	1	-52.9		0	72	270	12	14,202	1	-66.7		0	75	262	10	16,556	1	-81.3		0	37	113	2	20,612	2	-64.2		2	98	89	19	23,822	18	-54.1		17	99	84	19
BRISBANE AIRPORT	1	1,016		23.9	4.8					1,528	0	12.1	2.1	1	86	112	7	3,138	0	6.4	17.0	0	68	102	5	5,818	0	-9.9	15.2	1	25	318	2	9,560	0	-35.4		0	83	281	14
		12,278	0	-52.7		0	90	280	25	14,091	0	-63.2		1	90	275	21	16,508	0	-73.1		1	82	269	8	20,659	1	-61.9		4	97	93	12	23,895	10	-52.0		10	99	87	18
AUSTRALIA SOUTHEASTERN																																									
WOOMERA AERODROME	1	997		23.5	12.8					1,536	1	15.8	13.8	1	25	90	2	3,155	1	6.7	16.2	1	22	182	1	5,834	1	-9.9	16.4	1	41	231	3	9,565	1	-37.0		2	66	257	9
		12,270	2	-52.3		2	87	265	22	14,091	2	-61.5		2	87	263	20	16,538	2	-70.6		2	84	266	11	20,727	3	-60.6		3	94	88	8	23,966	5	-51.8		5	94	83	13
COBAR	1	986		23.0	11.4					1,529	13	15.3	10.0	0	27	53	2	3,146	13	5.4	12.3	1	11	149	11	5,814	13	-10.7	16.4	0	40	243	3	9,535	14	-37.6		1	66	236	8
		12,235	14	-51.4		2	80	249	18	14,071	15	-61.2		3	78	256	16	16,520	15	-69.9		5	78	256	9	20,713	15	-60.4		16	99	87	8	23,957	20	-52.5		20	98	82	13
ADELAIDE AIRPORT	1	1,017		20.7	8.4					1,535	0	12.9	11.0	1	17	304	1	3,144	0	5.7	16.7	1	36	247	4	5,817	0	-10.2	16.2	0	48	260	6	9,544	0	-37.7		0	61	264	11
		12,234	0	-53.0		0	81	263	19	14,063	1	-59.5		0	84	264	19	16,541	1	-67.2		0	82	271	11	20,757	2	-61.6		2	86	90	6	23,975	4	-53.9		4	96	84	9
MT. GAMBIER AIRPORT	1	1,010		17.2	5.0					1,526	0	11.6	10.1	2	17	273	2	3,126	0	3.6	14.4	2	33	254	3	5,778	0	-12.0	13.7	3	59	252	8	9,477	0	-39.7		2	59	263	11
		12,148	0	-54.0		3	68	260	15	13,973	0	-58.8		3	78	263	16	16,473	0	-64.5		3	80	270	11	20,749	1	-59.4		4	73	85	4	23,993	7	-52.6		12	95	82	7
LAVERTON AERODROME	1	1,015		19.5	6.9					1,528	0	11.8	6.9	2	38	309	3	3,125	0	2.7	11.7	0	39	281	3	5,774	0	-12.8	13.7	0	51	279	7	9,461	1	-39.8		0	47	266	9
		12,131	1	-54.2		1	56	257	12	13,954	1	-59.1		0	80	259	15	16,455	1	-64.4		3	81	264	10	20,728	3	-59.2		8	70	82	3	23,894	19	-52.7		18	92	83	7
WILLIAMTOWN AERODROME	1	1,018		20.9	2.7					1,542	0	12.0	6.1	2	53	54	3	3,149	0	4.7	15.2	4	19	320	1	5,810	0	-11.5	15.5	3	51	297	4	9,515	0	-39.3		5	57	283	7
		12,197	0	-53.1		4	77	273	13	14,022	0	-60.7		4	83	272	15	16,485	0	-68.6		4	76	266	8	20,683	1	-61.1		8	94	91	8								
HOBART AIRPORT	1	1,018		15.1	3.4					1,516	0	8.2	5.3	0	57	287	4	3,100	0	1.4	10.2	0	69	281	6	5,730	0	-14.7	11.0	0	70	281	10	9,394	0	-41.9		0	73	287	15
		12,042	0	-56.0		0	76	267	18	13,862	0	-58.2		0	86	272	19	16,387	2	-62.4		0	90	275	12	20,713	7	-58.1		6	13	21	0								
SOUTH PACIFIC																																									
HONIARA	1	1,001		28.2	4.0					1,490	2	19.1	2.7	0	62	236	4	3,139	2	10.9	5.4	0	43	254	3	5,870	2	-4.5	7.8	2	6	277	0	9,706	3	-29.9		3	21	172	1
		12,452	4	-53.6		4	49	140	5	14,231	4	-69.6		5	52	119	6	16,542	5	-85.3		6	60	104	8	20,553	9	-64.0		9	90	75	16	23,743	19	-53.5		20	93	79	11
NORFOLK ISLAND AIRPORT	1	1,002		22.0	4.4					1,510	0	11.4	5.4	0	81	128	8	3,120	0	6.5	20.4	0	58	136	4	5,800	0	-9.8	18.8	0	51	235	4	9,543	0	-35.5		0	80	273	20
		12,267	1	-52.1		0	90	275	27	14,088	1	-62.4		0	94	277	26	16,515	1	-72.7		0	88	274	13	20,678	3	-61.5		2	96	94	10	23,907	7	-52.0		6	99	87	14
LORD HOWE ISLAND	1	1,014		22.6	5.8					1,543	16	10.1	2.7	8	74	111	5	3,149	16	6.5	25.3	7	59	124	4	5,816	17	-10.9	14.0	8	22	222	1	9,534	17	-38.1		9	63	297	9
		12,226	17	-52.6		9	89	285	19	14,052	17	-60.0		10	88	283	18	16,526	17	-67.9		12	74	288	7	20,752	18	-59.8		20	97	92	10								
MACQUARIE ISLAND	1	1,006		7.0	2.2					1,372	0	0.4	4.0	0	82	268	13	2,907	0	-7.2	6.0	0	86	268	17	5,459	0	-21.9	7.5	0	89	270	23	9,025	0	-46.6		0	85	269	30
		11,615	0	-52.4		0	91	269	29	13,524	0	-51.9		0	92	268	25	16,140	0	-53.3		0	93	270	19	20,624	1	-51.7		1	88	275	9	23,942	1	-50.3		1	72	269	4

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
MARCH 1985																																									
AUSTRALASIA																																									
SOUTH PACIFIC																																									
COCOS ISLAND AP	1	1,010		26.4	3.7					1,501	2	17.0	3.1	11	59	105	4	3,137	2	10.2	14.5	13	37	137	2	5,852	2	-5.6	15.2	13	60	62	3	9,667	3	-32.0		14	47	52	3
		12,392	3	-54.9		15	54	25	5	14,168	3	-68.9		16	53	26	5	16,497	7	-82.7		17	80	68	6	20,523	8	-64.5		19	96	94	18								
APRIL 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MAWSON	2	991		-12.6	7.1					1,175	0	-17.7	10.1	0	78	104	5	2,614	0	-21.8	8.3	0	55	205	5	5,029	0	-34.9	6.7	0	55	259	5	8,433	0	-53.4		0	67	268	9
		11,060	0	-50.1		0	93	266	15	12,933	0	-51.7		0	93	262	15	15,538	0	-55.5		0	93	264	17	19,900	3	-60.6		4	96	265	22	23,081	13	-62.2			97	269	25
DAVIS	1	988		-12.4	5.5					1,160	0	-16.6	2.9	5	90	45	9	2,602	0	-21.0	5.8	5	36	41	3	5,050	0	-35.3	6.5	6	21	282	3	8,413	0	-54.2		7	47	256	9
		11,028	0	-51.3		9	80	267	13	12,895	1	-52.7		9	65	281	9	15,488	1	-56.5			90	268	16	19,824	3	-62.0			97	270	22	22,939	10	-64.8			97	264	21
CASEY	1	985		-9.3	2.7					1,149	0	-11.3		7	61	45	5	2,616	0	-18.8	6.5	1	11	7	1	5,049	0	-33.7	4.2	0	37	288	3	8,458	0	-54.1		0	64	276	9
		11,080	0	-50.8		0	89	283	13	12,952	0	-51.6		0	93	286	13	15,563	0	-54.5		1	94	285	15	19,952	0	-58.9		2	96	285	19					7	97	282	23
AUSTRALASIA																																									
AUSTRALIA WESTERN																																									
BROOME	1	1,009		23.8	2.6					1,510	5	19.9	10.6	1	72	84	5	3,148	5	7.8	7.8	1	42	96	4	5,850	5	-6.6	11.8	1	13	287	1	9,650	5	-32.2		1	78	258	10
		12,380	5	-54.0		1	89	266	13	14,163	5	-68.3		1	83	270	12	16,496	5	-83.2		3	64	285	6	20,527	10	-64.2		11	98	92	11								
PORT HEDLAND AIRPORT	1	1,010		23.2	6.2					1,512	1	19.7	11.3	2	74	60	5	3,148	1	7.4	7.7	2	47	70	3	5,843	2	-6.9	15.9	2	71	292	6	9,639	2	-32.6		1	89	267	17
		12,372	3	-53.1		0	95	272	22	14,164	3	-67.3		0	93	272	20	16,514	3	-81.0		1	88	277	12	20,571	5	-63.0		2	96	91	9								
CARNARVON AIRPORT	1	1,012		19.8	5.9					1,513	6	17.5	16.1	0	5	25	0	3,139	6	6.7	14.3	1	70	308	5	5,810	6	-10.6	15.3	0	92	285	11	9,550	6	-35.9		0	91	275	25
		12,253	6	-54.4		0	96	274	35	14,043	6	-66.5		0	97	273	35	16,423	6	-76.8		1	95	274	21	20,543	6	-62.5		7	92	97	5	23,761	19	-53.7		17	95	89	9
PERTH AIRPORT	1	1,016		14.2	4.0					1,514	0	10.2	8.9	0	40	311	3	3,107	0	3.0	16.1	0	66	283	7	5,748	0	-14.3	15.3	0	88	278	12	9,416	0	-41.4		0	93	274	25
		12,067	0	-56.5		0	97	275	37	13,867	1	-62.3		0	98	277	35	16,337	1	-66.8		1	97	275	22	20,579	1	-59.6		1	21	1	1								
ALBANY AIRPORT	1	1,010		12.2	1.6					1,509	1	6.9	5.1	0	53	291	5	3,088	1	1.0	17.5	0	74	283	9	5,714	1	-15.2	17.7	0	86	277	15	9,359	1	-43.3		0	90	275	22
		11,995	2	-56.3		1	96	273	29	13,807	2	-59.8		1	97	274	27	16,312	2	-63.3		2	98	271	18	20,613	2	-57.8		3	49	267	2								
GILES	1	949		22.4	21.6					1,542	4	17.1	16.9	0	59	60	3	3,162	4	5.9	13.2	0	37	203	2	5,837	4	-9.0	15.4	0	90	263	9	9,588	4	-35.2		0	94	267	24
		12,308	4	-52.8		0	96	267	32	14,111	4	-65.2		2	97	265	31	16,500	4	-76.3		5	96	267	14	20,624	4	-62.0		6	93	95	8	23,842	10	-53.6		12	96	86	12
KALGOORLIE AIRPORT	1	977		12.9	5.4					1,532	4	12.4	10.8	1	35	348	3	3,136	4	4.0	15.4	4	73	285	7	5,783	5	-13.0	17.8	4	84	276	11	9,474	5	-39.8		9	95	269	26
		12,144	5	-55.6		15	98	263	37	13,945	5	-62.5		17	98	264	36	16,403	5	-68.1		18	97	268	21	20,630	6	-60.0						23,881	20	-52.3					
FORREST AIRPORT	1													5	27	287	2					5	71	252	6					5	83	259	11					5	94	266	25
						6	97	265	38					8	98	264	36					12	96	266	21																
AUSTRALIA NORTHEASTERN																																									
WILLIS ISLAND	1	1,010		27.5	4.0					1,511	0	17.1	3.2	1	75	86	5	3,148	0	9.3	7.9	0	16	44	1	5,860	0	-6.1	9.2	0	25	259	2	9,668	1	-32.1		1	73	277	8
		12,398	2	-54.2		1	84	268	13	14,181	2	-68.3		1	79	257	11	16,523	2	-82.6		2	46	263	5	20,558	5	-64.1		5	97	95	13	23,777	7	-53.5		9	92	91	10
DARWIN AIRPORT	1	1,006		26.1	4.9					1,500	0	18.5	7.1	0	62	97	6	3,139	0	9.5	8.1	0	44	97	4	5,857	0	-5.1	12.6	0	23	76	2	9,687	0	-30.2		0	40	279	3
		12,434	0	-52.9		0	39	314	3	14,222	0	-68.2		1	7	239	1	16,551	0	-84.0		0	65	90	6	20,579	3	-62.8		3	94	91	9	23,814	16	-53.1		13	54	79	5
ALICE SPRINGS AIRPORT	1	955		18.1	14.7					1,538	0	13.3	13.2	0	92	105	8	3,151	0	5.6	11.4	0	61	186	5	5,830	0	-8.5	15.7	1	77	253	9	9,589	0	-35.2		0	90	266	22
		12,305	0	-53.6		0	95	266	31	14,101	0	-65.6		0	97	263	32	16,481	0	-77.3		0	97	263	22	20,584	1	-63.2		0	81	99	6								
MT. ISA AIRPORT	1	975		24.1	18.3					1,525	17	16.7	16.1	1	71	112	5	3,148	17	7.7	14.1	1	26	231	2	5,857	17	-5.9	16.2	1	65	260	8	9,646	17	-33.0		1	88	269	19
		12,378	17	-52.8		2	96	269	24	14,171	17	-67.1		3	96	264	23	16,525	17	-80.2		7	86	264	12	20,615	17	-62.5		19	98	94	12								
CHARLEVILLE AIRPORT	1	982		21.9	13.2					1,530	0	12.9	11.3	0	31	193	2	3,134	0	4.0	14.0	0	70	248	6	5,799	0	-10.6	17.1	0	85	259	13	9,525	0	-37.1		0	92	265	29
		12,227	0	-53.1		0	95	267	40	14,036	0	-63.2		0	95	269	39	16,462	0	-71.6		0	95	267	23	20,647	0	-61.2		0	88	85	5	23,880	15	-53.3		12	98	86	12
TOWNSVILLE AIRPORT	1	1,013		26.4	6.5					1,520	0	16.0	5.4	1	69	88	4	3,150	0	8.6	9.7	0	23	248	2	5,859	0	-5.9	19.9	0	64	274	7	9,658	0	-32.3		0	91	276	16
		12,386	0	-54.0		0	93	269	23	14,172	0	-68.0		0	93	262	18	16,521	1	-80.3		0	77	256	9	20,595	2	-63.0		3	91	95	12	23,813	12	-53.7		17	99	82	13
BRISBANE AIRPORT	1	1,015		21.6	5.9					1,517	0	11.8	7.0	0	40	153	3	3,116	0	3.5	13.2	0	58	263	5	5,769	0	-12.3	15.7	0	87	273	16	9,475	0	-38.0		0	92	274	32
		12,165	0	-53.7		0	94	274	40	13,974	0	-62.6		0	96	274	40	16,424	0	-69.5		2	93	271	23	20,631	0	-61.0		4	93	94	6	23,860	11	-53.5		17	93	76	10
AUSTRALIA SOUTHEASTERN																																									
WOOMERA AERODROME	1	1,001		17.8	11.7					1,542	0	9.6	11.3	0	31	179	2	3,133	0	2.8	17.6	0	42	222	3	5,772	0	-13.4	21.5	0	83	255	11	9,445	0	-40.7		5	92	256	22
		12,107	0	-55.0		5	96	256	33	13,924	0	-60.5		5	97	263	33	16,401	1	-66.0		6	97	266	18	20,661	2	-58.8		8	84	103	4	23,905	6	-53.1		15	94	83	8
COBAR	1	987		16.8	7.8					1,530	9	7.9	6.2	0	29	189	2	3,107	9	0.0	15.6	0	42	215	3	5,722	9	-16.0	18.9	0	75	245	10	9,363	9	-42.7		0	87	253	22
		12,011	9	-54.6		0	93	260	31	13,837	10	-58.8		0	96	264	28	16,344	10	-63.7		4	97	268	18	20,632	12	-59.6		13	38	75	2	23,885	18	-53.4		20	94	91	8
ADELAIDE AIRPORT	1	1,019		16.8	8.0					1,534	0	8.8	10.7	0	32	245	2	3,112	0	0.1	12.8	1	43	248	4	5,731	0	-15.4	15.4	0	78	248	10	9,385	0	-42.3		0	85	250	19
		12,031	0	-55.7		0	93	258	22	13,848	0	-59.0		1	97	261	22	16,372	1	-61.8		1	96	268	13	20,670	2	-58.6		4	20	122	1	23,913	6	-53.9		8	69	71	4
MT. GAMBIER AIRPORT	1	1,011		14.3	4.4					1,520	0	7.8	8.3	2	19	280	2	3,095	0	-1.2	10.4	2	25	299	2	5,697	0	-17.5	15.2	5	38	264	4	9,316	0	-44.2		6	58	258	10
		11,946	0	-56.6		6	87	258	15	13,765	0	-58.1		6	92	263	16	16,305	0	-59.9		6	94	275	12	20,647	1	-57.5		7	13	297	1	23,906	4	-53.1		11	45	56	2
LAVERTON AERODROME	1	1,016		15.3	4.0					1,519	0	8.0	8.1	1	7	207	0	3,096	0	-1.2	10.8	0	27	230	2	5,691	0	-18.3	15.6	0	46	245	5	9,299	0	-45.2		1	51	236	7
		11,926	0	-55.6		1	75	250	11	13,750	0	-57.7		1	90	257	12	16,293	2	-59.3		2	91	267	10	20,634	5	-57.6		6	35	282	2								
WILLIAMTOWN AERODROME	1	1,017		17.9	2.5					1,517	0	8.7	3.8	1	32	170	3	3,098	0	-0.2	8.0	1	25	235	2	5,713	0	-16.0	15.6	4	60	271	7	9,347	0	-43.9		5	83	276	17
		11,991	2	-54.3		6	91	274	24	13,818	2	-58.2		6	94	277	23	16,340	5	-63.5		7	92	277	13	20,620	10	-60.1		14	80	65	4								
HOBART AIRPORT	1	1,020		12.6	2.5					1,530	10	6.1	5.0	1	38	297	3	3,098	10	-1.9	10.7	1	48	311	4	5,690	10	-19.0	15.6	1	53	280	5	9,283	10	-46.4		1	44	256	6
		11,882	10	-58.0		2	54	253	7	13,696	10	-57.8		2	75	265	9	16,246	10	-58.5		5	86	278	8	20,606	14	-57.1		15	57	292	4								

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
APRIL 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AUSTRALASIA																																									
SOUTH PACIFIC																																									
HONIARA	1	1,003		28.9	5.3					1,512	2	18.9	2.5	0	83	84	5	3,158	2	10.6	7.3	0	77	74	5	5,883	2	-5.0	8.0	1	72	81	5	9,710	2	-30.9		1	37	116	2
		12,447	2	-54.1		1	52	196	4	14,228	2	-69.2		1	58	200	4	16,553	8	-83.4		7	61	136	4	20,604	10	-62.7		9	78	86	6	23,852	13	-51.4		12	38	108	2
NORFOLK ISLAND AIRPORT	1	1,003		21.3	2.9					1,518	0	11.9	4.4	1	41	42	4	3,124	0	4.6	9.5	2	53	300	4	5,787	0	-11.1	10.1	2	91	288	14	9,513	2	-37.8		2	91	287	28
		12,189	2	-55.4		2	93	283	41	13,986	3	-63.2		2	94	279	40	16,428	3	-70.0		3	95	279	19	20,639	7	-60.7		5	70	75	3	23,868	12	-53.6		8	93	88	8
LORD-HOWE ISLAND	1	1,009		21.7	3.9					1,496	16	10.2	5.8	4	28	114	2	3,084	16	1.8	9.5	6	18	297	2	5,721	16	-14.1	13.1	7	74	300	9	9,398	16	-40.7		9	86	295	21
		12,065	17	-53.7		8	94	296	31	13,892	17	-59.4		9	97	288	31	16,379	17	-66.4		15	92	292	19	20,621	19	-59.9													
MACQUARIE ISLAND	1	1,011		6.0	1.1					1,415	0	-0.4	5.1	0	85	279	15	2,950	0	-7.2	10.6	0	83	276	17	5,495	0	-23.0	11.3	0	82	273	21	9,039	0	-48.5		1	76	272	23
		11,642	0	-55.6		1	85	275	20	13,478	0	-55.5		1	90	274	17	16,058	0	-55.8		1	95	277	15	20,468	0	-55.8		1	97	273	15	23,729	0	-54.5		2	97	269	17
COCOS ISLAND AP	1	1,008		26.3	4.1					1,490	0	16.6	3.4	0	82	125	6	3,123	0	9.9	14.0	0	42	114	3	5,842	0	-4.8	20.7	0	54	119	3	9,662	0	-31.4		0	35	86	3
		12,396	1	-54.2		1	41	21	3	14,175	2	-69.6		3	70	40	6	16,493	4	-83.1		6	80	87	7	20,527	8	-62.3		10	89	81	7								
MAY 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
DAVIS	1	989		-14.7	5.1					1,148	0	-20.0	1.6	9	88	42	7	2,576	0	-24.0	4.1	5	24	340	1	4,961	0	-38.4	4.7	7	68	297	7	8,302	1	-58.9		8	69	305	12
		10,844	2	-58.5		9	91	275	15	12,649	3	-59.8		9	96	276	17	15,160	3	-63.6			92	282	23	19,352	7	-69.7			96	276	41								
CASEY	1	989		-19.3	4.4					1,151	2	-17.1	8.9	3	13	158	1	2,592	1	-22.0	1.1	2	63	231	5	4,996	1	-36.3	7.9	1	74	251	10	8,378	1	-56.0		1	81	258	21
		10,946	1	-56.0		1	94	266	19	12,772	1	-57.0		1	94	273	21	15,324	2	-50.3		1	96	274	24	19,605	4	-65.1		2	98	278	33								
AUSTRALASIA																																									
AUSTRALIA WESTERN																																									
BROOME	1	1,011		19.5	8.3					1,512	9	16.9	14.2	1	57	69	3	3,131	9	6.4	15.1	1	16	357	7	5,820	9	-8.4						9,598	9	-33.2		2	93	272	28
		12,318	9	-54.2		2	96	272	34	14,100	9	-68.6		1	94	272	33	16,452	10	-78.8		6	96	268	24	20,542	10	-61.8		9	33	110	2								
PORT HEDLAND AIRPORT	1	1,013		17.9	11.4					1,513	0	14.9	13.2	0	49	51	3	3,125	0	5.3	15.0	1	42	287	3	5,794	0	-10.4	13.8	1	91	264	13	9,548	0	-34.7		0	94	267	33
		12,264	0	-53.7		0	96	268	40	14,056	0	-66.7		1	96	265	39	16,435	0	-76.5		1	95	267	25	20,541	3	-62.3		3	39	124	2								
CARNARVON AIRPORT	1	1,015		14.9	5.7					1,517	4	11.7	11.6	0	26	141	2	3,116	4	3.7	18.8	1	36	234	3	5,758	4	-13.7	14.8	0	89	260	12	9,444	4	-38.8		1	94	265	34
		12,131	4	-54.3		0	95	263	45	13,933	4	-63.4		0	96	263	41	16,361	4	-72.1		0	97	264	24	20,520	7	-62.6		8	24	138	1								
PERTH AIRPORT	1	1,018		11.5	5.2					1,522	0	7.8	9.5	0	21	301	1	3,101	0	0.0	13.9	0	45	271	4	5,709	0	-17.8	11.9	0	63	277	8	9,319	0	-45.1	25.8	0	83	258	16
		11,931	0	-57.7		1	94	261	24	13,742	0	-59.2		2	95	262	26	16,255	0	-64.0		2	94	263	19	20,530	2	-59.8		5	70	258	4								
ALBANY AIRPORT	1	1,012		10.9	2.7					1,519	2	5.6	5.1	0	47	271	4	3,086	2	-1.3	13.1	0	63	265	7	5,683	2	-18.5	10.4	0	78	265	11	9,277	2	-46.4		0	83	262	18
		11,873	2	-59.3		0	92	262	24	13,683	2	-57.6		0	93	261	21	16,223	2	-60.6		1	95	259	17	20,548	3	-57.9		4	83	265	6								
GILES	1	951		15.8	14.2					1,542	0	12.5	14.9	0	53	27	4	3,140	0	2.6	13.7	1	36	280	3	5,780	0	-13.4	13.6	0	75	275	10	9,470	0	-38.9		0	94	275	31
		12,158	0	-54.0		1	94	274	42	13,967	0	-62.3		2	96	274	37	16,415	1	-70.0		4	94	272	19	20,601	4	-60.7		8	60	80	3	23,831	12	-53.5		17	38	68	2
KALGOORLIE AIRPORT	1	979		8.3	3.5					1,537	5	7.3	9.8	4	34	355	2	3,115	5	0.7	16.3	8	35	290	2	5,732	5	-16.7	14.2	12	68	261	6	9,359	5	-44.1		13	77	256	13
		11,987	5	-56.7		14	95	263	30	13,800	5	-58.8		17	95	263	25	16,315	5	-63.3		19	93	256	17	20,596	6	-59.5													
FORREST AIRPORT	1													4	32	2	2					4	40	291	3					4	70	273	7					4	83	268	16
						4	91	270	30					4	95	272	30					10	96	268	20																
AUSTRALIA NORTHEASTERN																																									
WILLIS ISLAND	1	1,012		26.2	4.8					1,514	2	15.3	4.3	1	87	105	8	3,141	2	8.9	12.4	1	18	310	1	5,853	2	-6.1	15.3	2	84	275	7	9,655	2	-32.1		2	92	273	18
		12,384	2	-54.3		2	96	278	22	14,164	2	-69.1		3	95	276	22	16,500	2	-80.3		2	90	278	15	20,577	4	-61.6		2	48	107	3	23,820	7	-52.7		6	32	323	2
DARWIN AIRPORT	1	1,008		24.3	6.5					1,508	0	16.7	5.8	0	94	106	8	3,140	0	10.4	19.0	2	41	216	2	5,859	0	-5.2	17.6	0	57	284	4	9,686	0	-30.5		1	82	282	10
		12,431	0	-53.2		1	80	293	11	14,218	0	-68.6		1	77	285	11	16,549	0	-82.0		1	76	268	8	20,612	3	-61.1		4	64	282	4	23,868	15	-52.0		12	91	275	7
ALICE SPRINGS AIRPORT	1	957		12.6	10.3					1,540	0	10.7	10.5	2	76	82	9	3,138	0	3.7	16.2	2	20	263	1	5,786	0	-12.5	15.0	0	83	272	10	9,490	1	-37.7		0	93	274	30
		12,188	1	-54.2		0	94	277	45	13,987	1	-64.5		1	97	279	44	16,410	1	-71.8		1	95	276	26	20,561	1	-62.2		2	16	89	1								
MT. ISA AIRPORT	1	977		20.9	13.7					1,539	19	13.8	8.9	1	87	96	9	3,149	19	6.0	19.8	1	38	169	2	5,828	19	-8.7	23.7	1	91	280	12	9,593	19	-33.7		2	95	279	33
		12,317	19	-54.1		4	95	280	40	14,108	19	-66.8		8	98	280	38	16,489	19	-75.1		19	94	277	23	20,624	19	-61.1													
CHARLEVILLE AIRPORT	1	986		18.1	9.0					1,551	0	10.3	7.7	0	47	109	3	3,141	0	1.8	14.7	0	36	161	3	5,781	0	-13.4	15.2	0	81	268	11	9,468	0	-39.3		0	92	273	31
		12,151	1	-53.6		0	96	275	49	13,961	1	-62.2		0	98	275	45	16,416	1	-69.1		0	97	272	25	20,622	3	-61.9		2	16	60	1	23,839	16	-54.2		15	81	81	3
TOWNSVILLE AIRPORT	1	1,016		23.3	6.9					1,529	0	12.7	4.3	1	91	97	8	3,145	0	7.2	14.1	1	19	249	1	5,838	0	-7.5	17.1	1	86	272	12	9,621	0	-33.0		1	95	269	28
		12,348	0	-53.9		1	96	275	34	14,133	0	-67.9		1	96	274	28	16,494	0	-77.5		2	91	274	14	20,607	5	-62.2		15	78	105	5								
BRISBANE AIRPORT	1	1,020		18.8	4.6					1,545	0	8.9	4.2	0	66	129	6	3,127	0	0.6	12.6	0	39	187	3	5,754	0	-14.6	17.7	0	78	256	11	9,430	0	-39.5		1	90	268	32
		12,109	0	-54.0		0	96	272	50	13,921	0	-61.8		0	98	272	45	16,385	0	-68.1		2	98	274	27	20,602	0	-61.4		7	16	95	1	23,834	11	-53.6		16	84	84	4
AUSTRALIA SOUTHEASTERN																																									
WOOMERA AERODROME	1	1,005		13.2	8.3					1,556	9	7.1	13.5	0	22	251	1	3,133	9	0.3	21.6	0	41	265	3	5,740	9	-17.4	16.9	0	81	273	10	9,362	9	-44.7		3	87	276	21
		11,989	10	-57.4		3	91	276	31	13,798	11	-59.0		6	96	274	30	16,311	11	-63.6		10	95	274	19	20,587	12	-60.1		15	7	289	0	23,813	17	-55.0					
COBAR	1	992		12.9	5.3					1,554	0	8.3	8.5	0	13	56	1	3,132	0	-0.6	12.6	0	32	263	3	5,738	0	-17.0	12.2	0	59	266	7	9,364	0	-43.4		0	84	268	21
		11,997	0	-56.3		0	95	271	34	13,817	0	-58.0		0	97	274	32	16,334	0	-63.4		1	97	274	20	20,605	6	-60.3		13	37	253	2								
ADELAIDE AIRPORT	1	1,023		12.2	4.1					1,539	0	5.2	8.1	0	59	282	5	3,105	0	-1.9	15.8	0	63	281	6	5,700	0	-18.3	14.2	1	75	274	11	9,308	0	-45.4		0	84	276	19
		11,917	0	-57.4		0	90	276	25	13,739	0	-56.5		0	94	277	24	16,289	1	-60.2		2	94	279	19	20,620	6	-59.2		8	49	274	2	23,842	12	-55.7		15	31	81	1
MT. GAMBIER AIRPORT	1	1,014		10.0	2.1					1,525	0	4.0	5.5	4	59	302	6	3,081	0	-3.3	12.9	6	63	288	7	5,656	0	-20.9	10.6	11	70	290	10	9,227	0	-47.2		13	71	285	16
		11,818	0	-58.1		11	94	285	24	13,640	0	-55.7		13	96	281	23	16,200	0	-58.6		14	96	286	17	20,559	2	-57.4		16	83	295	6	23,815	14	-54.5		19	49	303	2
LAVERTON AERODROME	1	1,020		11.2	3.1					1,533	0	4.2	5.8	0	57	292	5	3,088	0	-3.3	14.8	0	62	296	7	5,667	0	-20.2	12.2	0	65	282	10	9,245	0	-47.4		0	78	273	18
		11,828	0	-59.1		0	87	271	22	13,646	0	-56.3		1	92	274	19	16,205	0	-58.6		3	94	277	15	20,566	7	-58.2		12	86	289	6								

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
MAY 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AUSTRALASIA																																									
AUSTRALIA SOUTHEASTERN																																									
WILLIAMTOWN AERODROME	1	1,022		13.9	1.7					1,545	0	6.6	4.4	0	21	162	2	3,115	0	-2.0	11.0	0	40	233	4	5,709	0	-18.3	13.7	0	60	254	8	9,317	0	-45.8		0	81	262	21
		11,929	0	-56.7		0	94	267	32	13,754	1	-58.1		1	96	270	29	16,275	1	-63.1		2	98	272	19	20,556	6	-60.5		5	29	273	1								
HOBART AIRPORT	1	1,020		9.5	2.3					1,514	10	3.4	6.1	0	62	297	6	3,065	10	-5.0	10.3	0	65	293	8	5,622	10	-22.3	10.7	0	51	291	9	9,170	10	-49.4		0	53	286	12
		11,736	10	-60.1		1	77	276	16	13,552	10	-56.5		3	93	276	17	16,118	10	-57.1		9	94	277	14	20,506	11	-56.4		15	93	281	10								
SOUTH PACIFIC																																									
HONIARA	1	1,004		28.4	4.9					1,509	17	18.6	3.2	0	50	81	3	3,154	17	10.7	8.5	0	29	43	2	5,881	17	-4.7	11.9	0	19	24	1	9,709	17	-30.8		0	26	287	2
		12,448	17	-54.3		0	20	283	2	14,220	17	-70.3		0	45	241	4	16,539	17	-82.4		0	35	242	3	20,614	17	-60.7		3	73	253	5	23,865	18	-51.2		17	93	271	10
NORFOLK ISLAND AIRPORT	1	1,005		19.0	5.4					1,518	0	7.1	3.6	1	33	138	3	3,094	0	0.0	15.9	1	39	232	3	5,709	0	-16.3	13.8	0	79	261	12	9,363	0	-41.0		0	90	274	33
		12,033	1	-53.3		1	93	272	49	13,857	1	-59.8		1	96	268	43	16,351	4	-65.5		3	97	271	24	20,592	9	-61.5		10	62	273	3	23,796	12	-56.0		15	73	89	3
LORD HOWE ISLAND	1	1,015		18.8	4.4					1,535	16	6.1	2.4	8	36	137	3	3,105	16	-1.0	12.9	12	52	203	5	5,711	16	-17.6	14.2	15	59	244	6	9,329	17	-44.6		15	82	268	20
		11,965	17	-54.3		17	93	271	32	13,799	18	-57.5		18	97	272	30	16,321	18	-62.7		19	99	269	26	20,595	20	-60.2													
JUNE 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
CASEY	1	990		-14.7	2.5					1,173	2	-14.7		5	52	77	4	2,627	2	-20.3		4	28	137	3	5,050	2	-35.2	5.9	3	35	282	4	8,427	2	-58.8		3	58	277	11
		10,912	2	-66.5		3	79	282	13	12,657	2	-66.3		3	91	282	15	15,091	2	-69.9		3	93	287	19	19,134	9	-76.7		6	95	289	30								
AUSTRALASIA																																									
AUSTRALIA WESTERN																																									
BROOME	1	1,015		14.3	10.3					1,522	5	13.6	15.3	1	77	92	5	3,139	5	8.1	19.8	1	45	179	3	5,842	5	-6.7	14.3	1	71	253	10	9,641	5	-32.4		1	83	253	17
		12,367	5	-54.3		3	74	261	16	14,152	5	-68.0		5	70	260	15	16,504	7	-79.6		6	56	233	9	20,561	11	-63.5		16	55	236	4								
PORT HEDLAND AIRPORT	1	1,017		14.4	14.9					1,529	1	11.6	16.9	0	92	82	7	3,134	1	6.1	17.1	0	18	180	1	5,824	1	-7.5	13.4	1	79	259	12	9,619	1	-32.3		1	89	260	23
		12,347	1	-54.2		2	88	259	25	14,134	1	-67.6		3	81	261	22	16,492	1	-79.0		3	77	247	13	20,560	10	-63.5		10	49	248	2								
CARNARVON AIRPORT	1	1,018		13.0	4.1					1,532	5	10.8	12.6	0	32	21	2	3,128	5	3.9	19.3	0	39	303	3	5,786	5	-10.7	13.4	0	80	274	15	9,531	5	-34.5		0	95	271	37
		12,244	5	-53.8		1	95	271	42	14,041	5	-65.7		2	95	264	38	16,426	5	-75.7		3	96	266	24	20,515	8	-64.6		6	76	253	5								
PERTH AIRPORT	1	1,019		11.3	1.1					1,520	0	6.7	5.1	1	77	293	8	3,098	0	0.2	14.2	0	81	287	11	5,711	0	-16.6	16.3	0	88	276	17	9,352	0	-41.5		1	93	273	36
		12,021	0	-54.3		0	95	272	49	13,834	0	-61.5		5	96	268	43	16,303	0	-67.9		8	97	268	31	20,498	2	-62.9		12	93	265	11	23,733	20	-55.4		19	93	279	9
ALBANY AIRPORT	1	1,009		11.6	1.7					1,499	0	6.0	4.4	0	83	277	11	3,068	0	-1.6	15.3	0	83	284	13	5,665	0	-17.8	14.1	0	89	275	20	9,279	0	-44.2		0	92	269	33
		11,914	0	-55.5		0	95	267	46	13,732	0	-59.6		1	97	267	43	16,230	0	-64.6		3	95	265	28	20,473	3	-61.4		11	95	269	11								
GILES	1	954		11.9	12.8					1,556	0	8.9	17.1	0	64	107	3	3,146	0	2.4	21.8	0	60	193	3	5,789	0	-12.6	14.1	0	84	245	13	9,518	0	-35.0		0	90	256	35
		12,236	0	-52.8		0	92	255	41	14,045	0	-63.8		0	94	256	37	16,461	0	-73.2		3	92	249	18	20,600	0	-61.9		5	39	286	2	23,834	5	-51.8		12	56	315	3
KALGOORLIE AIRPORT	1	980		6.7	3.8					1,542	4	7.5	10.1	0	66	299	5	3,122	4	1.0	18.2	3	81	275	9	5,743	4	-15.4	14.1	7	87	257	14	9,408	4	-39.8		12	91	247	33
		12,087	4	-53.9		13	93	253	43	13,903	4	-61.0		17	95	253	40	16,370	4	-68.1		17	95	257	26	20,562	5	-62.8						23,753	16	-55.2					
FORREST AIRPORT	1													5	63	249	4					5	72	255	6					8	88	249	13					9	93	246	30
						13	97	248	46					13	95	250	43					15	96	250	30																
AUSTRALIA NORTHEASTERN																																									
WILLIS ISLAND	1	1,013		23.9	5.2					1,517	3	12.7	9.9	2	65	129	5	3,133	3	7.8	16.6	4	85	292	7	5,836	3	-6.9	18.2	3	91	287	14	9,629	3	-32.3		3	95	282	25
		12,351	3	-54.8		3	84	276	21	14,128	3	-68.9		2	91	274	25	16,480	3	-78.1		3	84	263	16	20,617	9	-59.7		9	76	264	6	23,895	16	-51.0			73	275	5
ALICE SPRINGS AIRPORT	1	960		8.1	5.4					1,554	8	6.1	11.9	0	82	119	8	3,135	8	2.3	22.6	0	47	167	3	5,780	8	-12.6	16.1	1	81	240	14	9,511	8	-35.3		0	89	254	34
		12,224	8	-53.4		0	88	254	40	14,027	8	-64.0		1	92	255	39	16,442	8	-72.9		1	90	253	25	20,581	10	-62.0		8	47	230	3								
MT. ISA AIRPORT	1	980		14.6	12.2					1,533	18	9.4	14.6	1	79	114	7	3,123	18	3.1	18.7	1	43	197	3	5,788	18	-8.8	21.3	1	85	260	16	9,569	19	-32.4		3	86	260	32
		12,300	19	-53.4		4	87	258	35	14,099	19	-65.7		16	85	246	29	16,487	19	-74.8		20	77	232	17	20,615	19	-61.6													
CHARLEVILLE AIRPORT	1	987		11.8	7.8					1,535	5	6.0	11.8	0	39	174	2	3,108	5	-0.3	20.6	0	55	219	5	5,718	5	-16.5	14.9	0	80	251	13	9,373	5	-39.0		0	88	260	36
		12,070	5	-53.2		0	90	266	47	13,889	5	-60.5		0	91	263	42	16,366	5	-67.9		0	91	257	26	20,599	7	-59.2		6	68	266	5					20	69	266	5
BRISBANE AIRPORT	1	1,019		13.9	5.5					1,518	0	6.1	7.3	0	37	201	3	3,084	0	-2.0	17.0	0	52	242	5	5,681	0	-18.1	13.1	0	83	268	14	9,321	0	-40.2		0	89	276	36
		12,013	0	-52.1		0	93	277	47	13,844	0	-59.3		0	95	271	44	16,340	0	-65.7		1	95	267	28	20,591	0	-59.8		3	52	258	3	23,857	13	-51.6		15	6	198	0
AUSTRALIA SOUTHEASTERN																																									
WOOMERA AERODROME	1	1,004		8.4	4.6					1,539	8	4.9	11.4	0	43	225	3	3,103	8	-2.3	20.6	1	70	236	7	5,693	8	-19.0	17.2	5	88	243	14	9,300	8	-43.3		4	91	244	30
		11,966	8	-53.0		5	91	248	44	13,795	8	-59.2		7	92	253	40	16,283	8	-66.2		10	93	255	25	20,522	11	-60.7		16	72	260	5								
COBAR	1	991		7.8	3.1					1,528	0	4.0	8.8	0	52	234	4	3,082	0	-3.6	17.2	0	64	229	7	5,654	0	-20.6	17.2	0	73	243	11	9,239	0	-45.1		0	82	254	24
		11,891	0	-52.4		1	86	259	34	13,739	1	-56.2		1	89	257	32	16,276	1	-61.9		2	90	261	21	20,579	1	-59.0		4	79	261	5								
ADELAIDE AIRPORT	1	1,021		10.5	3.2					1,518	0	2.9	5.0	1	71	268	8	3,072	0	-3.8	15.3	1	78	260	10	5,651	0	-19.5	16.5	2	75	253	14	9,246	1	-46.1		1	83	245	23
		11,866	1	-54.3		1	90	246	35	13,707	1	-55.7		3	91	249	33	16,249	1	-61.0		6	92	253	26	20,573	7	-59.3		9	90	266	12	23,813	11	-53.5		16	89	299	9
MT. GAMBIER AIRPORT	1	1,010		8.9	1.4					1,489	0	2.3	4.4	1	72	271	9	3,034	0	-5.2	13.1	0	75	263	11	5,592	0	-22.5	11.8	0	78	264	13	9,136	0	-49.0		0	76	259	20
		11,728	0	-55.5		0	89	249	28	13,567	0	-55.1		0	90	251	28	16,133	1	-58.3		1	93	258	22	20,480	4	-57.5		5	93	273	12	23,757	20	-53.5		18	94	293	10
LAVERTON AERODROME	1	1,017		8.7	2.9					1,491	0	1.9	4.4	0	69	262	8	3,035	0	-6.0	10.3	1	67	264	9	5,582	1	-23.0	12.4	0	66	253	12	9,119	1	-49.8		1	71	248	19
		11,702	1	-56.1		0	83	254	22	13,539	1	-54.8		0	89	251	24	16,111	1	-57.8		1	90	259	20	20,474	8	-57.3		12	94	274	12								
WILLIAMTOWN AERODROME	1	1,019		9.4	3.1					1,498	0	3.4	6.8	0	67	250	6	3,050	0	-4.7	12.0	0	65	258	6	5,608	0	-22.3	12.7	0	64	262	9	9,163	0	-47.5		0	77	266	21
		11,785	1	-54.0		0	87	268	31	13,626	2	-56.0		0	90	264	28	16,176	3	-60.7		2	93	269	19	20,503	8	-59.1		10	76	262	5								
HOBART AIRPORT	1	1,014		5.9	2.4					1,441	5	0.8	5.9	1	64	267	9	2,980	5	-7.1	13.4	0	63	266	8	5,514	5	-24.9	11.5	0	62	254	11	9,023	5	-51.3		0	65	245	16
		11,589	5	-57.8		1	77	257	17	13,420	5	-54.4		3	87	258	18	16,014	6	-54.9		9	91	266	16	20,417	11	-57.0		14	95	277	13								

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
JUNE 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AUSTRALASIA																																											
SOUTH PACIFIC																																											
HONIARA	1	1,004		28.2	5.7					1,510	9	18.4	3.3	0	66	76	3	3,154	9	10.2	6.9	0	77	42	5	5,872	9	-5.4	9.7	0	36	30	2	9,697	10	-31.2		1	33	271	2
		12,428	10	-54.4		1	62	304	6	14,203	10	-69.7		2	57	282	6	16,520	10	-81.4		3	55	273	5	20,638	15	-61.9		10	87	269	12	23,876	16	-51.3		18	94	267	15
NORFOLK ISLAND AIRPORT	1	1,005		18.1	5.2					1,510	0	6.7	4.5	0	46	290	4	3,082	0	-0.6	12.9	0	73	290	9	5,689	0	-17.0	13.0	0	88	284	19	9,336	0	-41.1		0	94	284	42
		12,007	0	-54.0		0	96	281	56	13,823	0	-60.5		0	98	278	47	16,310	2	-65.4		2	97	280	28	20,556	4	-60.7		7	86	292	6	23,794	14	-52.6		15	21	166	1
LORD HOWE ISLAND	1	1,014		17.7	5.3					1,518	14	5.5	3.3	5	57	253	4	3,083	14	-2.8	11.3	8	69	271	6	5,665	14	-19.5	15.7	10	85	272	13	9,260	14	-45.5		10	94	279	28
		11,901	14	-54.0		11	97	281	39	13,731	14	-57.4		13	98	279	38	16,259	14	-62.1		15	97	272	24	20,568	14	-57.8		20	83	266	5								
MACQUARIE ISLAND	1	1,001		4.5	1.0					1,314	0	-2.8	3.1	0	66	285	11	2,835	0	-10.1	8.3	0	69	283	13	5,344	0	-27.3	8.3	0	64	283	15	8,813	0	-53.6		0	62	286	16
		11,365	0	-58.9		0	80	288	18	13,183	0	-56.0		0	91	285	19	15,756	0	-56.9		1	94	289	21	20,128	0	-58.8		1	96	288	27	23,324	0	-60.1		3	95	290	29
COCOS ISLAND AP	1	1,010		25.8	4.3					1,502	0	16.2	2.6	1	47	94	3	3,134	0	9.0	10.1	0	29	336	2	5,848	0	-5.3	12.9	0	30	342	2	9,665	1	-31.9		2	57	50	4
		12,391	1	-55.0		2	55	33	7	14,168	2	-68.8		3	63	56	9	16,512	5	-80.0		6	71	94	7	20,594	9	-62.6		10	92	252	8	23,832	20	-52.4					
JULY 1985																																											
SOUTH AMERICA																																											
VENEZUELA																																											
SANTA ELENA DE UAIREN		915		17.5	0.1					1,602	20	16.3	2.5	9	39	95	13	3,232	20	7.2	2.6	9	89	90	23	5,925	20	-7.6	5.2	9	56	55	20	9,728	20	-32.5	7.5	9	85	90	24
		12,243	20	-54.6		9	17	90	5	14,421	20	-67.7		9	26	110	9	16,655	20	-76.9		9	41	35	16																
SEPTEMBER 1985																																											
AFRICA																																											
OCEAN ISLANDS																																											
DIEGO GARCIA/MAURITIUS	1	1,010		25.3	1.4					1,501	8	16.4	3.2					3,135	8	9.1	9.6					5,848	8	-6.4	11.4					9,665	9	-31.3	11.7				
		12,400	10	-53.7						14,194	11	-66.3						16,591	18	-75.7						20,780	25	-61.8													
OCTOBER 1985																																											
NORTH AMERICA																																											
ADJACENT ISLANDS																																											
GUANTANAMO ORIENTE	2	1,010		23.8	3.5					1,535	4	16.9	4.5	9	84	113	5	3,171	4	8.8	8.7	9	57	105	3	5,885	4	-6.0	10.9	9	62	106	3	9,697	7	-32.4	10.6	13	16	225	1
		12,425	8	-54.6		15	43	274	6	14,211	11	-67.6		17	49	284	6	16,597	15	-76.2		20	48	39	3	20,737	24	-61.9													
EUROPE																																											
ITALY																																											
UDINE/CAMPOFORMIDO	3	1,012		16.0	8.3					1,552	0	7.2	8.0	2	2	39	2	3,125	0	-1.1	12.0	0	20	357	3	5,731	0	-19.1	44.0	3	8	11	9	9,360	0	-44.1		0	45	22	17
		11,972	0	-59.8		0	49	18	18	13,765	0	-60.6		0	55	1	14	16,290	0	-60.7		0	56	346	8	20,624	0	-58.9		0	71	322	7	23,844	1	-56.4		1	81	291	12
MILANO/LINATE	3	1,012		15.2	5.7					1,555	0	8.1	7.8	0	29	33	2	3,132	0	0.0	9.3	0	13	2	1	5,745	0	-16.5	13.4	0	26	4	5	9,382	0	-43.8		0	22	6	7
		11,998	0	-59.4		0	40	6	12	13,790	0	-61.0		0	45	352	10	16,313	0	-60.8		0	54	345	8	20,646	1	-59.0		1	49	320	5	23,887	6	-55.6		6	73	304	10
ROMA/FIUMICINO	3	1,021		17.9	5.8					1,545	0	9.4	9.6	0	26	121	3	3,125	0	0.2	15.6	0	14	23	2	5,739	0	-16.5	13.6	0	27	342	5	9,371	0	-44.3		0	32	347	10
		11,988	0	-58.3		0	51	349	15	13,791	0	-59.7		0	63	332	12	16,320	0	-60.5		0	70	306	8	20,663	0	-57.9		1	77	287	8	23,910	1	-54.5		2	81	273	11
BRINDISI	3	1,020		18.7	5.1					1,538	0	8.7	9.1	0	33	19	4	3,112	0	-1.0	11.6	0	26	3	4	5,715	0	-17.9	14.1	0	24	330	5	9,326	0	-45.1		0	30	328	9
		11,945	0	-56.9		0	51	307	14	13,762	0	-58.2		0	70	285	14	16,303	0	-60.0		0	85	277	12	20,644	0	-58.1		0	92	267	13	23,891	1	-54.8		1	95	266	18
CAGLIARI/ELMAS	3	1,021		19.6	5.0					1,546	0	10.1	8.3	0	23	320	3	3,131	0	1.1	11.5	0	37	306	5	5,754	0	-15.6	12.0	0	42	314	7	9,396	0	-44.0		0	39	321	11
		12,016	0	-58.6		0	44	338	13	13,814	1	-60.6		1	56	308	10	16,328	1	-61.3		1	67	284	8	20,670	2	-57.9		2	69	271	7	23,919	3	-53.8		3	88	262	13
TRAPANI/BIRGI	3	1,019		21.4	3.8					1,552	1	10.2	12.9	1	13	349	2	3,141	1	1.5	19.8	1	40	293	6	5,765	1	-15.9	20.1	1	53	314	10	9,405	1	-44.9		1	59	328	18
		12,015	1	-58.7		1	61	309	18	13,817	1	-60.8		1	74	290	17	16,337	1	-61.3		1	87	279	14	20,664	4	-58.9		5	79	264	10	23,910	7	-54.8		9	90	260	12
NOVEMBER 1985																																											
NORTH AMERICA																																											
ADJACENT ISLANDS																																											
GUANTANAMO ORIENTE	2	1,011		23.5	3.9					1,541	11	17.0	6.3	12	82	99	6	3,177	11	9.9	11.5	12	67	94	4	5,895	11	-5.8	15.9	12	28	93	2	9,701	12	-32.2	13.4	14	23	347	2
		12,423	16	-53.5		18	48	291	7	14,208	17	-66.2		18	78	293	10	16,590	18	-77.5		19	73	322	7	20,668	21	-62.8						23,906	22	-51.2					
SOUTH AMERICA																																											
ARGENTINA-NORTHERN																																											
SALTA AERO	2	883		17.2	2.1					1,499	0	17.0	2.4	1	30	44	**	3,139	0	10.4	5.3	2	59	26	2	5,864	0	-6.0	9.6	1	30	318	2	9,657	1	-33.1	12.3	2	71	285	10
		12,379	1	-54.0		2	79	288	15	14,164	2	-65.2		2	78	291	13	16,573	2	-73.5		2	64	273	7	20,673	10	-64.6		11	74	85	6	23,849	19	-56.1		20	70	81	6
CORDOBA AERO	2	959		18.6	2.6					1,505	0	16.1	6.4	0	42	10	3	3,134	0	8.2	9.9	0	52	330	4	5,832	0	-8.2	16.9	0	74	278	10	9,577	1	-35.3	16.9	0	86	274	20
		12,307	1	-53.7		3	86	286	23	14,119	1	-61.5		8	88	278	18	16,584	2	-69.0		10	72	263	11	20,787	8	-60.7		13	57	124	5	23,984	16	-54.3		23	55	113	5

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
NOVEMBER 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH AMERICA																																									
ARGENTINA-NORTHERN																																									
RESISTENCIA AERO	2	1,006		24.8	7.0					1,519	1	19.5	13.5	3	36	14	3	3,162	1	9.3	15.4	5	19	291	2	5,876	1	-5.7	22.7	5	44	252	4	9,660	1	-32.5	19.3	6	76	250	13
		12,425	3	-52.4		9	80	256	19	14,237	2	-62.8		10	78	257	18	16,682	3	-70.8		10	31	216	4	20,824	2	-62.1		10	74	101	7	24,056	14	-54.1		17	78	76	6
ARGENTINA-SOUTHERN																																									
EZEIZA AERO	2	1,012		19.3	4.0					1,507	0	12.9	11.4	0	43	252	4	3,113	0	4.2	13.2	0	62	260	7	5,766	0	-12.2	13.9	1	84	260	15	9,479	0	-37.9	11.6	0	91	263	27
		12,162	0	-54.8		1	92	269	34	13,966	0	-61.9		1	93	264	31	16,439	1	-68.1		2	93	255	19	20,633	3	-61.8		4	40	165	3	23,847	5	-55.4		5	43	125	4
COMODORO RIVADAVIA AERO	2	1,005		14.7	12.6					1,449	1	7.3	14.3	1	81	254	9	3,018	1	-2.9	16.5	1	88	249	11	5,598	1	-19.7	15.9	1	82	258	14	9,197	1	-44.9	13.7	1	84	262	24
		11,823	4	-54.5		3	88	269	24	13,667	3	-54.9		3	91	268	25	16,242	4	-57.5		3	90	259	18	20,626	4	-56.4		4	75	237	8	23,894	11	-52.8		12	49	179	6
EUROPE																																									
GREENLAND																																									
DANMARKSHAVN	3	1,018		-20.9	3.3					1,361	0	-17.7	7.0	0	30	263	3	2,803	0	-22.8	7.7	0	35	245	4	5,207	0	-36.2	8.6	0	47	261	8	8,599	0	-53.9		0	61	270	13
		11,204	0	-53.5		0	64	271	12	13,052	0	-54.3		0	59	274	10	15,629	0	-58.0		0	69	273	12	19,906	0	-66.8		0	73	278	14								
SCORESBYSUND	3	1,009		-13.0	3.0					1,385	0	-12.5	7.9	0	29	283	3	2,851	0	-18.5	9.4	0	43	262	6	5,299	0	-31.6	8.9	0	51	277	10	8,741	0	-52.8		0	59	285	17
		11,337	0	-54.5		0	62	281	16	13,180	0	-54.8		0	64	280	13	15,757	0	-57.5		0	68	275	13	20,070	1	-64.3		1	80	274	14	23,158	10	-69.3		9	84	280	18
EGEDESMINDE	3	1,003		-4.4	3.0					1,328	0	-9.3	7.7	0	47	199	4	2,808	0	-17.7	7.7	0	64	221	7	5,253	0	-31.5	7.6	0	66	232	10	8,715	0	-51.3		2	69	234	15
		11,302	0	-55.9		5	82	228	15	13,136	1	-54.9						15,708	1	-56.5						20,029	2	-63.3						23,110	5	-67.4					
ANGMAGSSALIK	3	1,005		-3.1	4.0					1,362	0	-8.7	5.6	0	24	76	2	2,852	0	-14.5	9.3	0	12	194	2	5,333	0	-28.1	11.9	0	31	236	6	8,828	0	-50.3		0	41	257	11
		11,441	0	-56.9		0	51	257	12	13,258	0	-55.7		0	61	254	11	15,828	0	-57.4		0	69	251	11	20,164	0	-62.7		0	80	256	14	23,287	0	-66.7		1	85	259	17
NARSSARSSUAQ	3	1,009		-2.6	6.4					1,362	1	-6.3	10.5	1	24	86	2	2,861	1	-13.1	11.6	1	11	261	2	5,353	1	-27.8	10.4	1	28	245	6	8,858	1	-48.8		1	32	226	9
		11,464	1	-56.0		1	33	241	7	13,297	1	-55.8		1	50	252	9	15,878	1	-56.0		1	66	248	11	20,232	1	-58.8		1	83	259	13	23,380	1	-63.8		1	91	267	18
DENMARK AND FAROE IS																																									
THORSHAVN	3	1,007		2.5	3.3					1,401	0	-5.9	6.4	0	26	328	3	2,900	0	-13.4	10.9	0	34	293	4	5,389	0	-28.2	11.8	0	46	288	9	8,877	0	-50.6		0	54	297	16
		11,466	0	-56.0		0	59	290	14	13,299	0	-55.4		0	68	287	13	15,877	0	-56.9		0	75	288	11	20,221	0	-62.2		0	87	283	14	23,360	6	-65.9					
KOBENHAVN/JAEGERSBORG	3	1,006		2.6	2.2					1,378	0	-5.0	6.2	0	29	263	3	2,883	0	-12.8	11.7	0	40	274	5	5,370	0	-29.1	11.5	0	41	281	7	8,840	0	-49.9		0	49	287	10
		11,471	0	-52.0		0	67	281	10	13,330	0	-52.9		0	84	279	11	15,926	0	-56.1		0	87	280	11	20,286	0	-60.5		0	90	279	13	23,444	0	-63.3		0	94	278	18
GERMAN DEMOCRATIC REP																																									
GREIFSWALD	1	1,012		1.4	2.0					1,395	0	-4.5	2.8	0	39	254	5	2,901	0	-12.8	6.2	0	38	263	5	5,389	0	-29.0	8.2	0	48	271	8	8,865	0	-50.3	6.5	0	58	274	13
		11,484	1	-53.4	7.3	0	71	275	12	13,332	1	-54.3	7.9	0	82	274	12	15,911	1	-57.7	8.1	0	85	273	11	20,241	4	-62.2		0	87	277	12	23,388	7	-64.9		0	91	279	16
LINDENBERG	1	1,001		0.7	1.9					1,408	0	-5.3	2.8	0	51	253	6	2,914	0	-12.5	6.1	0	54	257	7	5,409	0	-28.0	7.5	0	65	265	12	8,897	0	-50.5	5.7	0	71	268	18
		11,508	0	-53.8	6.8	0	79	268	16	13,353	0	-55.1	7.7	0	84	269	14	15,925	0	-57.8	8.1	0	89	271	12	20,255	3	-62.1		0	91	276	12	23,392	9	-64.0		1	90	275	16
MEININGEN	1	960		-1.5	2.3					1,416	0	-5.0	3.3	0	47	244	5	2,925	0	-11.6	6.4	0	55	:64	7	5,430	0	-27.0	7.5	0	66	268	13	8,930	0	-50.1	5.7	0	72	273	19
		11,537	2	-54.3	6.5	0	89	275	18	13,377	2	-55.6	7.0	0	91	275	14	15,942	2	-58.4	7.5	0	89	273	12	20,268	6	-61.6		1	93	276	11	23,412	12	-62.9		4	93	278	15
POLAND																																									
LEBA	3	1,012		2.0	2.2					1,391	0	-4.7	2.5	0	50	250	6	2,896	0	-12.9	5.6	0	44	255	6	5,387	0	-29.0	6.8	0	47	255	7	8,861	0	-50.3		0	62	255	13
		11,482	0	-53.2		0	74	260	13	13,336	1	-53.9		1	87	265	12	15,928	4	-56.8		4	91	270	12	20,280	10	-61.2		10	91	275	13	23,449	11	-63.6		11	93	275	17
POZNAN	3	1,004		1.5	2.8					1,412	0	-5.4	2.7	0	40	250	5	2,918	0	-12.6	5.2	0	57	260	7	5,412	0	-28.2	6.5	0	68	265	12	8,904	0	-49.7		0	73	260	19
		11,523	0	-53.8		0	82	265	17	13,371	0	-54.4		0	88	265	15	15,958	0	-57.5		0	92	270	12	20,319	8	-60.3		8	92	275	12	23,488	16	-62.9		16	93	275	16
LEGIONOWO	3	1,004		1.3	3.0					1,428	0	-4.9	2.5	0	51	250	6	2,927	0	-11.9	6.6	0	56	250	7	5,430	0	-27.2	6.9	0	73	250	13	8,929	0	-50.0		0	80	250	21
		11,541	0	-54.6		0	87	255	19	13,382	0	-55.2		0	94	260	16	15,960	0	-57.7		0	95	260	13	20,326	9	-61.3		9	92	275	13	23,501	11	-63.4		11	94	275	16
WROCLAW I	1	1,001		-1.1	2.2					1,420	0	-4.6	2.4	0	51	255	7	2,929	0	-11.8	5.0	0	56	255	8	5,434	0	-26.4	6.9	4	70	255	13	8,938	0	-49.7		13	70	260	15
		11,577	5	-53.5						13,378	20	-54.9																													
ROMANIA																																									
CLUJ-NAPOCA	1	967		2.3	1.2					1,447	0	-1.0	1.9	0	50	220	6	2,975	0	-8.1	3.2	0	80	245	10	5,521	0	-22.2	5.6	0	60	255	15	9,077	0	-47.7	4.8	0	70	255	16
		11,667	0	-58.0	4.2	0	70	260	17	13,481	0	-57.5	4.5	0	70	255	16	16,025	0	-59.4	4.0	0	70	265	14																
BUCURESTI/IMH	1	1,007		2.8	1.5					1,469	0	1.4	3.8	0	40	195	4	3,015	0	-4.6	7.1	0	25	260	3	5,569	0	-19.4	8.6	0	45	240	8	9,192	0	-45.9	6.0	0	70	240	17
		11,795	0	-58.2	5.2	0	80	250	22	13,604	0	-57.9	5.4	0	90	255	21	16,150	0	-59.4	5.5	0	90	250	18																
CONSTANTA	1	1,017		7.2	0.7					1,471	0	2.2	3.1	0	20	220	2	3,021	0	-4.3	3.2	0	60	240	5	5,599	0	-19.7	6.5	0	70	245	9	9,189	0	-56.3	4.1	0	70	250	14
		11,782	0	-59.9	3.6	0	80	260	16	13,581	0	-60.2	4.0	0	80	260	16	16,099	0	-60.6	4.3	0	80	265	16																
AFRICA																																									
ZIMBABWE																																									
BULAWAYO/GOETZ OBS	1	868		18.4	7.3					1,523	0	18.6	9.2	1	83	105	8	3,167	0	10.1	11.3	1	36	123	2	5,866	0	-8.6	10.9	0	47	180	4	9,636	0	-34.8	11.9	0	46	260	6
		12,345	0	-54.5	13.6	0	66	246	10	14,142	0	-64.6		0	65	247	9	16,549	0	-74.5		3	54	172	4	20,630	3	-65.5		5	90	98	9	23,816	3	-55.8		5	95	99	10
HARARE (BELVEDERE)	1	855		17.6	4.8					1,526	1	17.5	5.3	0	75	72	3	3,164	1	8.7	6.2	0	67	108	3	5,868	1	-7.3	10.1	1	45	180	3	9,654	3	-33.9	10.4	3	55	275	6
						6	76	282	15					10	79	280	12																								
ASIA																																									
THAILAND																																									
CHIANGMAI	1	977		20.1	1.2					1,513	0	16.1	2.4	0	63	165	3	3,144	0	8.5	6.1	0	61	225	4	5,849	0	-7.2	11.3	0	66	275	6	9,656	1	-31.9	15.1	1	61	265	15
		12,394	2	-54.0		2	87	255	19	14,183	4	-68.0		4	86	250	18	16,529	8	-80.7		8	90	260	12																
UBON RATCHATHANI	1	999		22.2	1.7					1,522	1	18.5	3.4	1	70	90	3	3,164	1	9.9	7.2	1	71	105	3	5,889	1	-5.3	14.1	1	19	145	1	9,725	1	-30.4	13.3	1	53	245	4
		12,482	1	-53.8		1	64	245	6	14,274	1	-68.4		2	61	230	6	16,627	3	-82.4		6	55	215	3	20,684	8	-63.9		8	42	360	2	23,886	8	-55.5		8	63	120	4

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
NOVEMBER 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
ASIA																																									
THAILAND																																									
BANGKOK	1	1,011		24.8	1.2					1,510	0	17.4	4.9	0	78	90	4	3,144	0	9.7	9.1	0	67	95	4	5,859	0	-5.5	10.0	0	56	90	3	9,682	3	-30.9		3	19	155	1
		12,422	4	-53.7		4	53	180	4	14,205	4	-68.3		4	63	180	5	16,542	4	-81.3		4	56	125	3	20,561	5	-65.6		5	39	310	2	23,731	7	-57.0		7	75	95	3
SONGKHLA	1	1,009		24.6	1.1					1,500	1	17.5	2.8	1	74	60	5	3,137	1	8.8	4.6	1	77	75	5	5,851	1	-5.9	4.7	1	80	90	6	9,670	1	-31.0	9.4	1	87	100	8
		12,408	2	-54.1		2	84	95	11	14,189	2	-68.7		2	91	95	15	16,525	5	-81.8		5	87	95	8	20,587	9	-63.4		9	86	250	7								
AUSTRALASIA																																									
OCEAN SHIPS																																									
SHIP R		1,014		13.0	3.8					1,448	1	2.5	3.7	0	34	202	4	2,998	1	-4.4	6.7	0	48	240	6	5,575	1	-20.1	11.1	0	58	253	10	9,161	1	-46.4		0	67	249	18
		11,758	1	-59.3		0	77	255	18	13,558	1	-59.8		0	80	258	14	16,078	2	-59.9		0	85	264	10	20,420	9	-59.6		7	79	226	8								
DECEMBER 1985																																									
NORTH AMERICA																																									
MEXICO-NORTHERN																																									
MONTERREY AEROP. INTL	2	967		9.4	2.0					1,531	0	11.5	10.1	3	16	226	1	3,142	0	5.7	14.7	1	83	272	7	5,809	0	-11.5	13.7	0	90	262	12	9,522	3	-39.3	7.2	5	88	256	21
		12,184	7	-57.7		11	90	255	26	13,967	9	-65.1		14	91	260	24	16,394	10	-71.7		15	97	258	20	20,500	17	-65.2		18	88	258	7	23,685	19	-56.3		19	66	256	7
ADJACENT ISLANDS																																									
GUANTANAMO ORIENTE	2	1,015		21.5	3.9					1,559	9	15.3	6.8	10	88	98	5	3,184	9	9.6	21.4	10	73	113	3	5,901	9	-5.6	17.5	10	64	181	3	9,703	10	-33.1	12.8	11	80	236	7
		12,422	12	-54.0		14	91	252	19	14,219	16	-66.0		17	92	263	18	16,611	17	-76.6		18	72	262	8	20,641	22	-65.0						23,853	22	-54.1					
EUROPE																																									
FRANCE																																									
BREST/GUIPAVAS	1	1,003		8.4	2.5					1,452	2	2.4	7.6	3	76	294	10	3,000	2	-5.4	12.7	3	79	257	12	5,560	3	-22.4	12.7	3	81	263	15	9,112	3	-48.0		3	79	265	20
		11,692	5	-59.9		3	85	269	21	13,426	6	-59.5		3	86	271	20	16,047	7	-58.0		3	90	273	16	20,430	12	-56.0		4	92	280	16	23,661	15	-55.6					
TRAPPES	1	997		5.4	1.6					1,466	0	-1.6	5.4	2	83	252	9	3,011	0	-5.8	9.8	2	81	258	11	5,576	1	-22.1	8.5	2	81	262	17	9,133	1	-48.2		5	75	264	21
		11,709	2	-61.9		7	81	274	21	13,487		-61.5						16,007	3	-59.7						20,361	8	-58.3													
NANCY/ESSEY	2	994		5.6	2.9					1,475	0	1.4	6.0	0	74	254	9	3,020	0	-6.0	9.6	0	78	259	11	5,581	0	-21.7	11.1	0	70	267	14	9,135	2	-48.3		1	69	270	19
		11,708	3	-61.0		2	76	279	21	13,495	4	-59.8		2	82	274	20	16,045	7	-58.5		5	88	277	17	20,409	9	-57.1		7	94	277	18								
LYON/SATOLAS	2	993		6.4	4.3					1,492	2	2.1	10.2					3,047	2	-3.9	15.2					5,621	2	-21.0	13.6					9,195	3	-47.5					
		11,777	4	-61.7						13,558	5	-61.0						16,082	6	-59.8						20,422	9	-58.7						23,647	12	-58.0					
BORDEAUX/MERIGNAC	1	1,014		4.5	1.2					1,497	0	4.4	10.1	4	56	248	5	3,055	0	-3.7	10.7	4	62	258	7	5,630	0	-20.8	14.4	4	58	263	10	9,198	3	-47.7		7	64	258	15
		11,766	6	-60.7		7	69	279	16	13,558	6	-59.9		7	77	277	15	16,098	9	-59.7		8	88	277	14	20,445	10	-57.8		8	89	283	12	23,686	12	-54.8					
NIMES/COURBESSAC	1	1,014		7.7	4.2					1,507	1	5.0	11.9	0	13	8	1	3,073	3	-4.0	15.2	0	37	261	4	5,659	3	-20.0	13.1	0	47	267	7	9,237	3	-47.4		0	41	266	9
		11,815	3	-61.7		1	53	284	12	13,598	3	-60.9		1	68	282	12	16,118	4	-61.1		1	85	281	13		7	-59.3		4	85	285	10	23,688	9	-56.4		6	79	299	12
AJACCIO	2	1,018		14.8	6.1					1,501	2	5.5	9.8	3	47	247	3	3,066	2	-4.7	13.2	3	46	258	4	5,650	2	-19.7	13.1	6	36	288	4	9,238	6	-46.3		8	26	303	5
		11,833	7	-61.1		8	41	292	8	13,618	7	-60.1		8	66	287	11	16,150	10	-60.1		9	38	283	11	20,483	12	-58.3													
GERMAN DEMOCRATIC REP																																									
GREIFSWALD	1	1,012		3.4	1.8					1,409	0	-1.2	6.1	0	74	268	10	2,934	0	-9.3	10.0	0	80	276	14	5,456	0	-25.5	7.9	0	80	280	20	8,973	1	-50.6	5.8	0	77	279	29
		11,515	3	-61.1	5.7	0	82	280	28	13,306	3	-60.1	6.2	0	88	281	25	15,836	3	-60.3	7.0	0	91	283	23	20,136	4	-62.1		0	92	285	27	23,313	9	-63.0		1	92	286	34
LINDENBERG	1	1,000		3.4	1.8					1,428	0	-0.8	4.2	0	80	274	10	2,958	0	-8.8	7.0	0	82	278	14	5,488	0	-24.3	6.1	0	80	279	20	9,020	0	-49.7	5.3	0	76	280	27
		11,585	0	-62.3	4.9	0	81	282	28	13,364	1	-60.8	5.6	0	88	282	24	15,889	1	-60.6	6.3	0	93	284	22	20,205	4	-60.4		0	95	286	25	23,386	8	-62.8		0	95	286	31
MEININGEN	1	963		1.8	1.6					1,456	0	-0.1	3.8	0	79	263	10	2,989	0	-8.0	7.6	0	78	274	13	5,529	0	-23.7	8.1	0	76	277	19	9,057	0	-50.9	5.1	0	71	278	23
		11,604	1	-62.6	5.0	0	79	280	24	13,375	2	-61.2	5.4	0	89	282	22	15,900	3	-60.3	6.1	0	95	282	19	20,227	9	-60.1		0	94	286	22	23,450	14	-59.1		6	96	289	29
PORTUGAL																																									
LAJES /ACORES/	1	1,005		13.8	4.4					1,502	1	4.9	4.2	3	69	255	9	3,070	1	1.1	13.3	3	74	260	11	5,670	1	-18.2		3	69	265	16	9,280	2	-44.8		4	71	275	20
		11,900	2	-58.5		3	76	280	25	13,700	2	-60.1		4	79	275	24	16,211	4	-62.1		6	82	275	18	20,530	7	-57.8		9	60	265	6								
LISBOA/GAGO CONTINHO	2	1,010		11.6	3.3					1,538	2	6.8	13.7	2	29	246	2	3,110	2	-1.5	17.8	2	29	261	3	5,700	2	-19.0	11.8	2	21	296	3	9,310	3	-45.1	13.7	4	36	328	7
		11,920	3	-59.0	16.3	4	33	275	6	13,720	3	-58.9	20.3	3	42	283	6	16,250	3	-61.3		3	49	262	4	20,590	3	-55.6		3	52	316	2	23,860	8	-52.0		8	61	330	4
MADEIRA																																									
FUNCHAL	2	1,016		18.4	6.0					1,554	0	7.5	4.9	0	43	260	3	3,136	0	0.3	20.2	0	44	267	5	5,756	0	-16.0		0	49	291	7	9,400	2	-43.4		2	44	291	9
		12,021	2	-58.8		2	57	287	13	13,815	3	-60.5		3	71	279	14	16,329	8	-63.5		8	76	103	11																
ITALY																																									
UDINE/CAMPOFORMIDO	3	1,008		6.6	3.6					1,501	0	3.2	7.9	0	54	240	7	3,153	0	-4.8	10.4	0	65	269	14	5,621	0	-20.9	13.7	0	55	281	18	9,189	0	-48.1		0	60	286	27
		11,763	0	-61.9		0	67	294	29	13,544	0	-60.3		0	78	284	29	16,073	0	-58.9		0	88	279	28	20,449	0	-57.6		0	91	284	30	23,684	0	-57.3		0	89	285	35
MILANO/LINATE	3	1,009		4.4	2.0					1,499	0	3.3	8.0	0	36	272	4	3,052	0	-4.0	12.3	0	50	272	10	5,631	0	-19.7	12.0	0	49	281	16	9,212	0	-47.8		0	76	284	21
		11,792	0	-62.0		0	58	287	26	13,575	0	-60.4		0	71	288	30	16,113	0	-60.0		0	81	284	31	20,479	4	-56.9		4	90	278	30	23,706	7	-56.2		7	89	277	38
ROMA/FIUMICINO	3	1,019		10.8	3.2					1,508	0	6.1	11.4	0	32	240	4	3,072	0	-2.3	15.5	0	48	270	8	5,659	0	-19.5	14.7	0	45	282	11	9,243	0	-47.3		0	38	302	13
		11,829	0	-60.9		0	52	291	19	13,628	0	-59.5		0	77	284	24	16,164	0	-59.9		0	89	280	24	20,502	0	-57.1		0	88	288	19	23,772	0	-54.0		0	75	294	25
BRINDISI	3	1,020		12.8	3.8					1,566	0	5.4	9.6	0	24	300	3	3,072	0	-3.4	13.5	0	40	300	7	5,653	0	-19.9	15.8	0	42	301	12	9,229	0	-48.0		0	44	310	18
		11,818	0	-59.5		0	64	298	26	13,618	0	-59.0		0	81	283	29	16,159	0	-60.1		0	89	281	26	20,503	1	-57.4		1	85	289	19	23,756	6	-54.0		6	77	292	23
CAGLIARI/ELMAS	3	1,020		12.0	2.6					1,510	0	6.8	14.2	0	35	273	5	3,086	0	-1.7	17.1	0	27	279	4	5,675	0	-19.5	12.9	0	24	257	6	9,263	0	-46.8		0	17	255	7
		11,864	0	-59.4		0	45	277	19	13,666	0	-58.8		0	70	279	23	16,203	0	-60.1		0	89	280	23	20,543	0	-56.8		0	75	293	13	23,809	0	-53.1		0	57	306	16

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
DECEMBER 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
EUROPE																	
ITALY																	
TRAPANI/BIRGI	3	1,019		14.4	2.7					1,525	0	8.0	17.5	0	35	268	5
		11,860	0	-59.3		0	58	279	22	13,656	3	-58.7		3	45	274	16
ROMANIA																	
CLUJ-NAPOCA	1	970		-0.3	1.0					1,468	0	-0.4	3.7	0	40	280	4
		11,667	0	-60.7	2.8	0	70	310	15	13,457	0	-60.5	2.4	0	70	310	16
BUCURESTI/IMH	1	1,009		0.6	1.5					1,487	0	0.9	7.3	0	50	270	4
		11,753	0	-57.9	7.2	0	40	320	9	13,533	0	-57.8	7.5	0	40	295	9
CONSTANTA	1	1,019		3.4	1.3					1,473	0	-0.7	4.2	0	50	300	4
		11,651	0	-59.8	6.9	0	60	305	10	13,421	0	-59.3	5.0	0	60	300	10
ASIA																	
ISRAEL																	
BET DAGAN		1,014		19.4	10.9					1,517	0	7.6	9.1	0	43	265	2
		11,940	0	-57.1			90	278	33	13,750	0	-60.3			95	277	32
AFGHANISTAN																	
KABUL-AIRPORT	3	883		2.9	11.3												
		11,876		-57.3	7.6		93	262	40	13,686		-59.3	7.8		95	264	38
KANDAHAR-AIRPORT	1	904		3.5	6.0					1,520		6.3	4.6		40	245	2
		11,980		-56.5	7.5	22	97	265	42	13,900		-61.6	8.3		99	270	31
THAILAND																	
CHIANGMAI	1	979		15.8	1.3					1,523	2	13.7	2.9	2	61	175	2
		12,389	4	-52.0		4	92	250	24	14,195	4	-64.8		4	86	250	19
UBON RATCHATHANI	1	1,001		17.8	1.8					1,530	0	15.4	4.5	0	63	80	3
		12,461	1	-53.2		1	79	245	10	14,254	1	-67.6		1	79	235	9
BANGKOK	1	1,013		21.3	2.8					1,516	0	15.3	6.1	0	80	55	3
		12,396	2	-54.0		2	80	215	8	14,179	2	-67.9		2	79	195	8
SONGKHLA	1	1,010		24.9	1.8					1,506	0	16.3	3.1	0	91	60	8
		12,409	0	-54.2		0	79	120	9	14,194	1	-68.5		1	90	120	14
AUSTRALASIA																	
OCEAN SHIPS																	
SHIP R		1,010		12.5	2.4					1,420	3	3.5	4.6	3	72	292	11
		11,704	4	-58.1		3	69	257	22	13,514	4	-57.5		3	78	258	19
JUNE 1986																	
SOUTH AMERICA																	
ANTARCTICA																	
DAVIS	1	991		-11.3	8.5					1,137	0	-17.1	4.5	8	82	52	7
		10,872	0	-70.1			59	273	8	12,567	1	-70.8			63	291	9

STATION	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
DECEMBER 1985	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
EUROPE																								
ITALY																								
TRAPANI/BIRGI	3,098	0	-2.0	20.3	0	38	285	6	5,684	0	-19.6	17.4	0	32	284	8	9,266	0	-47.7		0	29	282	11
	16,197	4	-62.0		5	86	278	21	20,505	7	-59.4		11	74	288	13	23,717	12	-55.8		16	87	290	25
ROMANIA																								
CLUJ-NAPOCA	2,999	0	-7.1	8.1	0	80	295	10	5,548	0	-22.6	7.5	0	80	305	13	9,091	0	-49.1	5.7	0	60	305	13
	15,984	0	-59.8	3.6	0	80	305	18	20,327	19	-60.5		19	80	305	21								
BUCURESTI/IMH	3,022	0	-7.0	17.1	0	65	285	7	5,579	0	-22.8	9.8	0	30	300	5	9,125	0	-48.3	7.6	0	40	310	8
	16,083	0	-58.7	7.9	0	40	290	8																
CONSTANTA	3,006	0	-8.0	5.8	0	60	295	5	5,545	0	-23.7	6.8	0	60	295	7	9,075	0	-49.6	5.1	0	60	290	9
	15,975	0	-60.3	4.3	0	60	300	10																
ASIA																								
ISRAEL																								
BET DAGAN	3,088	0	-0.9	13.9	0	76	285	7	5,691	0	-17.9	11.9	0	87	285	14	9,309	0	-44.2	8.8	0	89	279	26
	16,258	0	-64.7			96	274	26	20,524	6	-60.0		6	90	276	11								
AFGHANISTAN																								
KABUL-AIRPORT	3,089		-2.3	12.0		37	180	2	5,671		-20.2	9.9	61	75	264	11	9,257		-46.2	8.0		85	262	28
	16,197		-63.1	8.0		97	263	28	20,484		-59.6	9.3	60	93	264	12	23,713		-55.0	10.8		82	268	8
KANDAHAR-AIRPORT	3,080		-2.5	10.6		77	275	6	5,670		-18.5	10.5	28	86	265	17	9,300		-42.5	8.0		91	265	38
THAILAND																								
CHIANGMAI	3,139	2	8.1	16.2	2	63	300	4	5,850	2	-5.9	19.4	2	92	275	10	9,648	2	-32.5	14.5	2	90	260	19
	16,587	7	-76.3		7	89	260	13																
UBON RATCHATHANI	3,159	0	10.2	15.2	0	26	320	1	5,886	0	-4.7	18.0	0	54	300	3	9,710	0	-31.1	14.3	0	76	275	7
	16,612	8	-81.1		9	27	230	2	20,625	10	-63.8		10	68	280	3	23,819	10	-52.9		11	75	100	5
BANGKOK	3,143	0	9.7	16.3	0	38	25	2	5,860	0	-5.1		0	12	95	1	9,666	1	-31.9		1	49	265	4
	16,529	2	-80.5		2	25	170	2	20,543	8	-66.1		8	33	300	2								
SONGKHLA	3,137	0	9.0	7.2	0	83	65	5	5,849	0	-5.7	10.3	0	88	70	6	9,670	0	-31.3		0	51	75	4
	16,544	2	-81.1		2	87	85	8	20,585	8	-65.1		8	94	265	9								
AUSTRALASIA																								
OCEAN SHIPS																								
SHIP R	2,975	3	-4.2	15.2	3	76	241	13	5,538	3	-22.4	13.3	3	77	294	18	9,084	3	-46.9		3	65	258	22
	16,067	4	-58.6		3	85	262	16	20,803	13	-57.4		9	92	260	15								
JUNE 1986																								
SOUTH AMERICA																								
ANTARCTICA																								
DAVIS	2,618	0	-21.5	7.4	6	42	73	3	5,032	0	-34.2	7.5	5	14	216	1	8,407	0	-58.7		7	28	228	5
	14,938	2	-75.0			54	295	9	18,861	10	-82.0			86	256	19								

UPPER AIR DATA CORRECTIONS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB								850 MB 150 MB								700 MB 100 MB								500 MB 50 MB								300 MB 30 MB							
			TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND			
		HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
OCTOBER 1985																																									
ASIA																																									
MONGOLIA																																									
ULAN-BATOR	1																																								
SAINSHAND	1																																								
DALANZADGAD	1																																								

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COVER: The cover maps are long term means analyzed on a miller cylindrical projection of the world. They were prepared by U. S. National Climatic Data Center personnel from a variety of sources, including data from Monthly Climatic Data for the World and ship reports exchanged under WMO Res. 35 (Cg-IV). Since it was not possible to select all data for the same years of record, maps do not represent a "Standard Normal" period, but are generally representative of conditions during 1950's to mid-1970's. However, some ship data as early as the 1850's and land data from the 1890's to 1950's were used to help fill data gaps. The appropriate month's analysis will be shown in each issue. Since the scale is small, these maps can be used only for generalizations over large areas. If detailed statistics are needed, summaries of finer resolution should be used.

National Climatic Data Center
July 1984

DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE
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