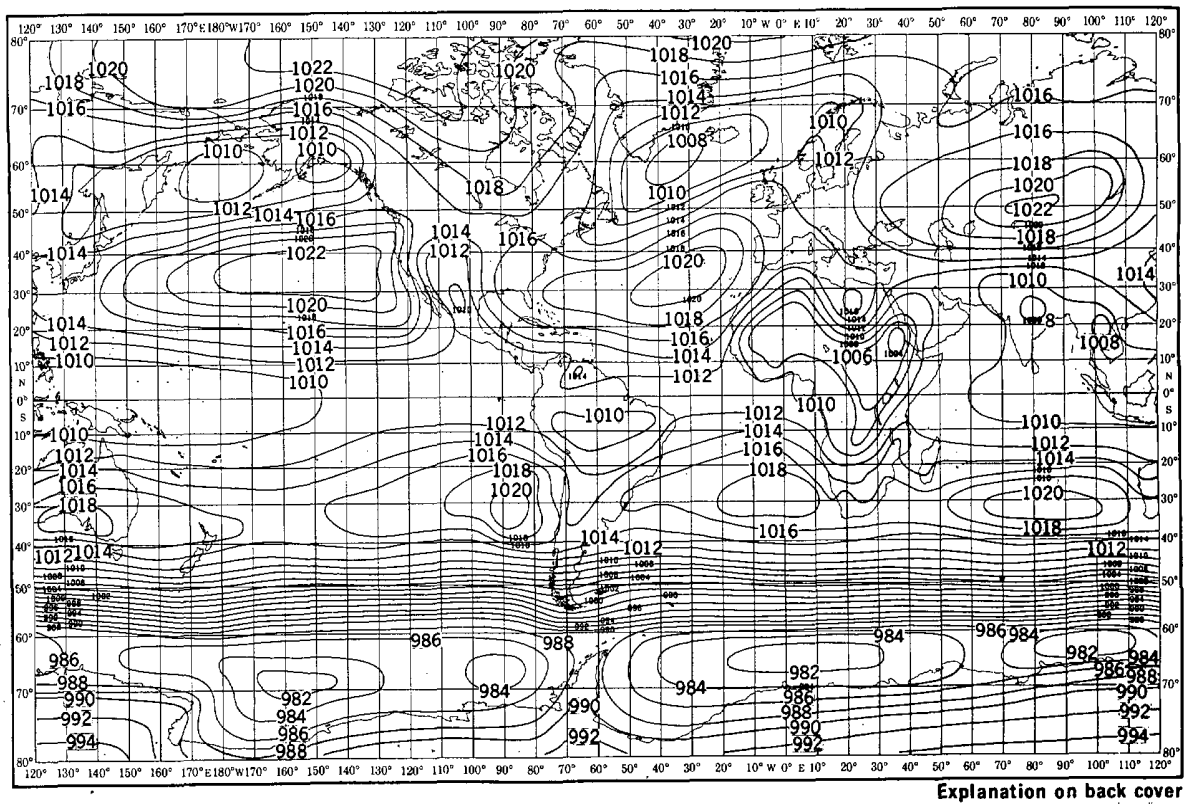
APRIL 1986 VOLUME 39 NUMBER 4

MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE WORLD METEOROLOGICAL ORGANIZATION

APRIL

SEA LEVEL PRESSURE (MBS) - MEANS



Explanation on back cover

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PREFACE

Monthly Climatic Data for the World is currently sponsered 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 (pub) No. 306 - Manual on Codes, and No. 386 - Manual on the Global Telecommunication 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. Percentage of Long Term Sunshine was authorized during the Fourth Session (Stockholm 1965) of the WMO Commission for Climatology and recorded in paragraph 23.11 of the General Summary of the Report - WMO No. 177.RP.65.

REFERENCE NOTES

SURFACE DATA TABLE

STATION: The location and elevation (H_p - Station Elevation) of stations are given in WMO/OMM Publication No. 9.TP.4, Volume A - STATIONS. Only those stations authorized as contributors by the WMO in this publication will be published. Elevations for stations under the control of the United Kingdom are provided by the United Kingdom Meteorological Office.

PRESSURE: Monthly mean pressure at station level (all U. S. stations have Climatological Station Elevation (H_{pc}) correction) and mean sea level, except: U = see upper air data, Y = height of 850 mb surface in geopotential meters, Z = height of 700 mb surface in geopotential meters.

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 mm.

QUINTILE: Indications of the frequency group into which the precipitation falls. When precipitation total is given as zero, the quintile value shown is the highest number of quintile which has zero as the lower limit. A zero indicates a value less than, and a six a value greater than, any recorded in the reference period. Quintiles are published in WMO publication No. 117.TP.52, though updated quintiles may be used by some Members.

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 publication No. 117.TP.52, though updated normals may be used by some Members.

PERCENTAGE OF LONG TERM SUNSHINE: Calculated by individual WMO Members. The percentages published are a comparison of current monthly sunshine duration to a long term average. The long term averages are for 30-years, however, shorter periods may be used if 30-years record is not available. Long term averages are published in WMO pub. No. 117.TP.52, though updated averages may be used by some Members.

UPPER AIR DATA TABLE

TIME OF OBSERVATIONS: 1 = 0000 GMT, 2 = 1200 GMT, 3 = 0000 and 1200 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 meters per second.

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

Surface and Upper Air delayed or corrected data are carried in the first issue of this bulletin following their receipt. "M" indicates the original data should be deleted.

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SURFACE DATA

APRIL 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															
ALASKA															
BARROW	71 18 N	156 47 W	4	30	1022.0	1022.5	-22.1	- 3.4	1.0		0	1	- 5	1	
BARTER ISLAND	70 08 N	143 38 W	15	30	1020.7	1022.7	-20.5	- 2.2				T	- 6		
KOTZEBUE	66 52 N	162 38 W	5	30	1018.6	1019.2	-15.5	- 4.6	1.7		1	6	- 2	3	
NOME	64 30 N	165 26 W	7	30	1016.6	1017.3	-11.1	- 3.3	2.3		4	13	- 3	3	179
FAIRBANKS	64 49 N	147 52 W	138	30	996.8	1014.5	- 4.4	- 3.4	2.3		1	2	- 5	2	
MCGRATH	62 58 N	155 37 W	103	30	1001.4	1014.8	- 6.1	- 3.2	2.8		4	9	- 11	2	
BETHEL	60 47 N	161 48 W	46	30	1013.9	1015.1	- 5.1	- 0.3	3.2		4	10	- 8	2	
ANCHORAGE	61 10 N	150 01 W	40	30	1004.7	1009.7	- 0.6	- 2.5	3.8		2	11	- 6	3	143
ST. PAUL	57 09 N	170 13 W	9	30	1014.2	1015.2	- 2.3	+ 0.1	4.7		9	21	- 10	2	
COLD BAY	55 12 N	162 43 W	31	30	1010.8	1014.9	0.1	- 0.5	5.9		8	28	- 21	2	
KING SALMON	58 41 N	156 39 W	15	30	1010.2	1012.3	- 2.2	- 1.7	3.7		7	25	- 2	3	
YAKUTAT	59 31 N	139 40 W	9	30	1009.0	1010.0	1.0	- 1.2	5.5		17	241	+ 22	4	
ANNETTE ISLAND	55 02 N	131 34 W	34	30	1010.2	1014.4	5.6	- 0.5	6.6		17	182	- 42	1	
CANADA-WESTERN															
MOULD BAY	76 14 N	119 20 W	12	30	1025.1	1026.8	-25.0	- 0.9	0.6	-0.2	0	1	- 4	2	134
SACHS HARBOUR	71 59 N	125 17 W	86	30	1014.7	1026.4	-21.9	- 1.9	1.1	-0.2	1	2	- 3	2	127
CAMBRIDGE BAY	69 06 N	105 07 W	27	30	1020.6	1024.3	-22.2	- 0.3	1.0	-0.1	4	11	+ 4	4	104
COPPERMINE	67 50 N	115 08 W	22	30	1022.1	1025.0	-19.9	- 2.4	1.6	-0.1	11	32	+ 21	5	102
INUVIK	68 18 N	133 29 W	68	30	1014.0	1023.2	-18.2	- 3.9	1.2	-0.6	5	12	- 3	3	108
NORMAN WELLS	65 17 N	126 48 W	73	30	1011.2	1020.9	-11.5	- 4.3	1.8	-1.0	4	14	- 1	3	92
WHITEHORSE	60 43 N	135 04 W	703	30	926.7	1012.4	- 4.5	- 4.8	3.2	-0.5	2	12	+ 2	4	102
FORT NELSON	58 50 N	122 36 W	379	30	968.7	1016.0	- 0.5	- 2.1	3.5	-0.7	5	21	+ 4	4	
FORT SMITH	60 01 N	111 58 W	203	30	993.3	1018.9	- 2.7	- 0.5	3.5	-0.3	1	4	- 12	1	109
PRINCE GEORGE	53 53 N	122 41 W	691	30	932.4	1015.3	4.1	- 0.2	4.5	-0.5	6	39	+ 12	4	90
EDMONTON	53 34 N	113 31 W	676	30	934.9	1015.1	4.6	+ 0.4	4.9	0.0	8	35	+ 13	5	91
EDMONTON STONY PLAIN	53 33 N	114 06 W	766			U									
THE PAS	53 58 N	101 06 W	271	30	984.4	1018.2	0.2	+ 0.2	4.2	-0.2	5	49	+ 22	5	85
WINNIPEG INT. AP	49 55 N	97 14 W	240	30	986.5	1015.9	4.5	+ 1.1	6.2	+0.8	10	98	+ 59	6	85
REGINA	50 26 N	104 40 W	574	30	946.8	1016.7	3.9	+ 0.6	5.0	-0.3	5	19	- 5	3	99
VERNON	50 14 N	119 17 W	555			U									
LETHBRIDGE	49 38 N	112 48 W	920	30	906.0	1014.8	6.1	+ 1.2	4.8	-0.4	4	15	- 28	1	124
SANDSPIT	53 15 N	131 49 W	0	30	1013.1	1013.9	5.5	- 0.5	7.7	+0.1	21	127	+ 43	4	96
PORT HARDY	50 41 N	127 22 W	22	30	1014.8	1017.5	6.6	0.0	8.0	+0.1	19	160	+ 52	5	79
VANCOUVER INT. AP	49 11 N	123 11 W	0	30	1018.1	1018.4	8.1	- 0.7	8.7	+0.2	16	106	+ 46	5	66
CANADA-EASTERN															
ALERT	82 30 N	62 20 W	63	30	1014.9	1024.1	-26.5	- 1.6	0.7	0.0	3	4	- 4	2	73
EUREKA	80 00 N	85 56 W	10	30	1021.9	1023.4	-26.9	+ 0.7	0.6	0.0	1	2	- 1	3	109
RESOLUTE	74 43 N	94 59 W	67	30	1013.3	1022.6	-23.3	- 0.2	0.8	0.0	3	5	- 1	3	110
CLYDE	70 28 N	68 37 W	25	30	1016.9	1020.5	-17.2	+ 1.2	1.1	-0.1	1	5	- 9	3	106
HALL BEACH	68 47 N	81 15 W	8	30	1019.4	1020.5	-21.1	- 0.2	1.2	-0.1	3	13	+ 2	4	
BAKER LAKE	64 18 N	96 00 W	18	30	1020.9	1023.4	-17.8	- 0.5	1.3	-0.2	5	14	0	4	114
CORAL HARBOUR	64 12 N	83 22 W	64	30	1012.7	1021.3	-16.5	- 0.2	1.5	0.0	5	13	- 1	4	102
FROBISHER BAY	63 45 N	68 33 W	34	30	1015.1	1019.5	-12.9	+ 1.4	2.1	+0.2	8	39	+ 13	4	79
CHURCHILL	58 45 N	94 04 W	29	30	1018.1	1021.9	-11.2	- 1.1	2.9	+0.3	9	46	+ 23	5	92
INOUCDJOUAC	58 27 N	78 07 W	8	30	1018.0	1018.4	- 8.9	+ 2.0	3.0	+0.4	5	31	+ 16	5	89
FORT CHIMO	58 06 N	68 25 W	37	30	1014.0	1018.8	- 5.8	+ 3.4	3.1	+0.3	8	14	- 9	2	91
TROUT LAKE	53 50 N	89 52 W	222	30	991.3	1018.9	- 1.2	+ 2.6	4.7	+1.0	11	96	+ 68	6	
MOOSONEE	51 16 N	80 39 W	10	30	1014.6	1015.9	0.1	+ 2.4	5.2	+1.1	10	60	+ 18	5	79
KAPUSKASING	49 25 N	82 28 W	229	30	987.9	1015.9	3.4	+ 2.9	5.4	+0.8	10	38	- 15	2	
SEPT-ILES	50 13 N	66 16 W	55	30	1010.8	1011.7	0.9	+ 0.9	5.4	+0.8	11	141	+ 63	5	81
GOOSE	53 19 N	60 25 W	44	30	1012.6	1018.8	0.8	+ 2.5	4.5	+0.4	8	61	0	3	139
NORTH BAY	46 22 N	79 25 W	369	30	969.8	1014.6	6.2	+ 3.0	5.8	+0.5	10	59	- 3	2	98
MANIWAKI	46 23 N	75 58 W	170	30	999.5	1013.3	7.4	+ 3.8	6.4	+0.7	9	49	- 11	3	118
TORONTO/MALTON INT AP	43 41 N	79 38 W	176	30	993.1	1014.1	7.6	+ 1.4	7.1	+0.4	7	54	- 16	2	
MONTREAL/DORVAL INT AP	45 28 N	73 45 W	30	30	1009.2	1013.6	8.8	+ 3.1	7.5	+1.3	8	49	- 25	1	119
BAGOTVILLE	48 20 N	71 00 W	163	30	995.6	1015.4	4.8	+ 2.6	5.9	+1.0	10	59	+ 11	4	
CHATHAM	47 01 N	65 27 W	34	30	1011.9	1016.1	4.1	+ 1.1	6.2	+0.8	12	121	+ 36	4	82
STEPHENVILLE	48 32 N	58 33 W	26	30	1014.0	1017.2	5.4	+ 3.6	7.3	+1.9	12	88	+ 28	4	
GANDER INT AP	48 57 N	59 34 W	147	30	999.8	1018.5	4.1	+ 3.2	7.2	+1.9	8	130	+ 37	5	109
SHEARWATER	44 38 N	63 30 W	41	30	1008.5	1014.8	5.4	+ 1.4	7.7	+1.5	13	115	+ 14	4	62
SYDNEY	46 10 N	60 03 W	62	30	1008.8	1016.5	2.7	+ 0.7	6.7	+1.0	12	156	+ 54	5	62
SHELBURNE	43 43 N	65 15 W	30			U									
SABLE ISLAND	43 56 N	60 01 W	4	30	1013.9	1014.4	4.2	+ 0.9	7.5	+0.8	14	151	+ 53	6	58
ARGENTIA VTMS NFLD	47 18 N	54 00 W	15	30	1017.1	1019.0	4.5	+ 2.2	7.5		8	106	+ 29		
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	30	1017.3	1017.9	1.8	- 0.1	6.4	+0.6	11	185	+ 90	5	65
UNITED STATES-NORTHWEST															
QUILLAYUTE	47 57 N	124 33 W	62	30	1011.5	1019.1	7.1	- 0.7	8.4		16	172	- 8	3	34
PORTLAND	45 36 N	122 36 W	12	30	1014.0	1019.6	10.1	- 0.1	8.7		10	49	- 10	3	87
OLYMPIA	46 58 N	122 54 W	61	30	1011.9	1019.2	7.9	- 0.6	8.1		10	73	- 7	3	
MEDFORD	42 22 N	122 52 W	405	30	970.5	1018.6	10.8	+ 0.6	7.5		3	6	- 21	1	
SPOKANE	47 38 N	117 32 W	721	30	946.8	1016.0	7.2	- 0.5	6.2		7	34	+ 6	4	98
GREAT FALLS	47 29 N	111 22 W	1115	30	886.2	1015.2	5.8	- 0.1	5.0		7	72	+ 34	5	79
SHERIDAN	44 46 N	106 58 W	1209	30	876.1	1013.9	7.1	+ 1.3	6.2		8	22	- 28	1	90
BISMARCK	46 46 N	100 45 W	506	30	954.0	1015.4	5.7	- 0.1	6.3		12	91	+ 53	5	84
RAPID CITY	44 03 N	103 04 W	966	30	899.1	1014.0	6.8	- 0.2	6.5		11	120	+ 71	5	97
BOISE	43 34 N	116 13 W	871	30	919.0	1015.5	9.1	- 0.1	6.6		9	39	+ 9	4	112

SURFACE DATA

APRIL 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	30	866.5	1014.8	8.2	+ 0.8	5.2		4	19	- 2	3	116
ELY	39 17 N	114 51 W	1909	30	806.8	1013.5	5.8	+ 0.9	5.3		7	34	+ 10	5	106
SALT LAKE CITY	40 47 N	111 57 W	1288	30	865.5	1013.6	9.3	- 0.3	7.3		12	116	+ 59	5	94
GRAND JUNCTION	39 07 N	108 32 W	1475	30	856.7	1011.5	11.4	+ 0.5	5.8		7	18	0	3	120
DENVER	39 46 N	104 52 W	1625	30	834.3	1010.7	9.8	+ 1.2	5.6		7	66	+ 20	4	115
NORTH PLATTE	41 08 N	100 41 W	849	30	913.2	1012.4	9.4	+ 0.7	7.4		8	96	+ 49	5	97
UNITED STATES-NORTHEAST															
INTERNATIONAL FALLS	48 34 N	93 23 W	361	30	971.9	1014.7	6.2	+ 2.8	5.8		9	85	+ 44	6	
DULUTH	46 50 N	92 11 W	432	30	972.3	1014.4	5.6	+ 2.1	5.3		11	104	+ 50	5	96
ST. CLOUD	45 35 N	94 04 W	318	30	975.1	1013.4	8.8	+ 2.7				141	+ 84		
SAULT STE. MARIE	46 28 N	84 21 W	221	30	992.0	1015.0	6.4	+ 3.0	6.0		6	31	- 29	1	98
BURLINGTON	44 28 N	73 09 W	104	30	999.7	1014.5	9.2	+ 3.3	7.2		9	24	- 46	1	114
CARIBOU	46 52 N	68 01 W	146	30	991.9	1015.3	6.0	+ 3.1	6.5		10	58	- 8	3	
DES MOINES	41 32 N	93 39 W	294	30	982.0	1013.3	12.2	+ 1.9	9.2		12	144	+ 62	5	106
COLUMBIA	38 49 N	92 13 W	274	30	985.8	1014.1	14.6	+ 1.9	9.8		9	68	- 29	2	107
CHICAGO O'HARE	41 59 N	87 54 W	205	30	990.2	1014.9	10.8	+ 1.5	7.7		6	47	- 46	1	
ST. LOUIS	38 45 N	90 22 W	172	30	994.2	1014.6	16.0	+ 2.6	9.4		8	31	- 59	1	126
DAYTON	39 54 N	84 12 W	306	30	982.4	1015.0	12.2	+ 1.4	9.0		9	68	- 19	2	113
COLUMBUS	40 00 N	82 53 W	254	30	985.5	1015.2	12.5	+ 1.7	9.2		7	33	- 53	1	102
BUFFALO	42 56 N	78 44 W	215	30	986.2	1014.4	8.8	+ 1.4	7.4		11	85	+ 7	4	90
NEW YORK LA GUARDIA	40 46 N	73 54 W	9	30	1002.1	1013.7	11.7	+ 0.6	8.8		10	93	- 3	3	
BOSTON	42 22 N	71 02 W	9	30	1009.7	1014.1	9.1	- 0.2	8.0		11	40	- 54	1	96
BLUE HILL OBS	42 13 N	71 07 W	195	30			8.4	+ 0.5	7.7		10	46	- 55	1	84
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	30	1010.1	1014.2	13.4	- 0.3	9.2		8	50	- 24	2	87
UNITED STATES-SOUTHWEST															
SACRAMENTO	38 31 N	121 30 W	8	30	1013.7	1016.1	14.7	+ 0.1	10.2		3	23	- 10	3	110
SAN FRANCISCO	37 37 N	122 23 W	5	30	1017.3	1018.0	13.4	+ 0.7	10.5		4	10	- 29	2	
OAKLAND	37 44 N	122 12 W	3			U									
SANTA MARIA	34 54 N	120 27 W	73	30	1008.1	1017.0	13.2	+ 0.9	10.4		2	34	+ 5	4	
SAN DIEGO	32 44 N	117 10 W	9	30	1002.0	1015.8	17.1	+ 0.9	12.3		1	30	+ 10	4	116
LAS VEGAS	36 05 N	115 10 W	664	30	946.4	1011.7	19.0	+ 1.5	5.0		1	3	- 3	3	109
PHOENIX	33 26 N	112 01 W	337	30	973.2	1011.7	23.4	+ 3.4	6.2		0	0	- 7	2	103
EL PASO	31 48 N	106 24 W	1194	30	884.6	1010.2	19.6	+ 2.0	5.2		0	T	- 5	1	109
ALBUQUERQUE	35 03 N	106 37 W	1620	30	846.4	1011.1	13.6	+ 0.8	5.0		1	8	- 2	3	87
WICHITA	37 39 N	97 26 W	408	30	965.0	1013.1	14.8	+ 1.3	11.2		7	46	- 13	3	126
OKLAHOMA CITY/W ROGERS WORLD	35 24 N	97 36 W	397	30	970.8	1013.7	17.1	+ 1.4	12.6		5	112	+ 38	5	114
NORMAN	35 14 N	97 28 W	362			U									
ABILENE	32 25 N	99 41 W	534	30	952.0	1012.2	20.3	+ 1.9	12.2		3	25	- 35	2	103
SAN ANTONIO	29 32 N	98 28 W	242	30	989.6	1013.8	22.6	+ 1.7	17.3		3	15	- 54	1	96
VICTORIA	28 51 N	96 55 W	36			U									
BROWNSVILLE	25 54 N	97 26 W	6	30	1011.2	1013.3	25.0	+ 1.2	23.0		1	22	- 18	3	104
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	30			17.8	+ 0.7	12.1		10	177	+ 43	4	146
LONGVIEW	32 21 N	94 39 W	124			U									
NASHVILLE	36 07 N	86 41 W	184	30	996.7	1016.2	16.0	+ 0.7	9.8		3	13	-100	0	107
ASHEVILLE	35 26 N	82 32 W	661	30	936.6	1015.4	13.3	+ 0.1	8.0		4	14	- 83	1	112
ATLANTA	33 39 N	84 25 W	315	30	974.1	1015.9	17.2	+ 0.6	9.3		3	12	-100	0	128
WAYCROSS	31 15 N	82 24 W	46			U									
CAPE HATTERAS	35 16 N	75 33 W	3	30	1013.5	1014.1	15.7	+ 0.6	13.3		5	49	- 33	2	123
CHARLESTON	32 54 N	80 02 W	15	30	1013.9	1015.9	18.9	+ 1.0	12.7		2	21	- 44	1	131
NEW ORLEANS	29 59 N	90 15 W	9	30	1015.8	1017.4	19.6	- 0.8	15.9		3	38	- 76	1	
BOOTHVILLE	29 20 N	89 24 W	0			U									
JACKSONVILLE	30 30 N	81 42 W	9	30	1015.5	1016.9	18.9	- 0.9	12.4		2	24	- 61		134
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	30	1016.1	1017.1	22.1	- 2.0	16.5		2	18	- 60	2	
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									
HONDURAS															
TEGUCIGALPA	14 03 N	87 13 W	1007		903.2	1011.2	23.1		15.3		0	0		0	65
AMAPALA	13 17 N	87 38 W	5		1010.2	1010.7	30.3		25.8		0	0		0	
CHOLUTECA	13 18 N	87 11 W	48		1005.9	1011.5	30.0		28.1		1	2		1	100
LA MESA INTL. AIRPORT	15 27 N	87 56 W	31		1009.6	1013.1	26.8		26.0		1	2			
CATACAMAS	14 54 N	85 56 W	442		963.3	1012.7	27.2		20.3		3	5			
TELA	15 43 N	87 29 W	3		1012.8	1013.3	27.6		29.2		7	54		3	
LA CEIBA	15 44 N	86 52 W	26		1011.5	1014.5	24.8		27.4		4	43		3	
GUANAJA	16 28 N	85 55 W	2		1013.8	1013.8	28.1		28.2		4	129			
PUERTO LEMPIRA	15 13 N	83 48 W	13		1011.3		27.4		27.8		9	63			

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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		%
NORTH AMERICA															
BELIZE															
BELIZE INTL. AIRPORT	17 32 N	88 18 W	5	30	1013.1	1013.6	26.2		26.8		1	1			78
COSTA RICA															
JUAN SANTAMARIA	10 00 N	84 13 W	939	30	909.3	1010.1	24.7	+ 1.8	18.4	-1.6	0	0	- 80	1	90
PUERTO LIMON	10 00 N	83 03 W	3	30	1011.6	1011.6	25.1	- 1.0	27.5	-0.9	19	367	+ 97	4	80
PUNTARENAS	09 58 N	84 50 W	3	30	1009.7	1009.7	28.8	+ 0.2	27.1	-2.4	1	10	- 22	2	100
ADJACENT ISLANDS															
NASSAU INTL.AP BAHAMAS	25 03 N	77 28 W	7	30	1016.1	1016.9	22.1	- 1.5	17.9	-3.6	2	9	- 46	2	85
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									
SANGSTER INT. AP, JAMAICA	18 30 N	77 55 W	8		1013.6	1014.5	25.9	.	24.6		6	84			110
KINGSTON/NORMAN MANLEY, JAM.	17 56 N	76 47 W	14		1011.5	1013.1	26.7		25.0		3	28		3	100
SAN JUAN/INT., P.R.	18 26 N	66 00 W	19	30	1012.2	1014.3	26.1	+ 0.1	25.9		10	227	+135	6	118
JULIANA AP, ST. MAARTEN	18 03 N	63 07 W	9	30	1015.2	1015.7	26.7	+ 0.5	27.0	+1.8	11	92	+ 23	4	93
RAIZET, GUADELOUPE	16 16 N	61 32 W	8	30	1013.3	1016.2	26.1	+ 1.0	25.2	+0.5	10	125	+ 16	4	105
LAMENTIN/MARTINIQUE	14 36 N	61 00 W	4	30	1012.7	1013.5	26.0	+ 0.5	26.5	+1.2	8	53	- 36	2	98
GRANTLEY ADAMS AP,BARBADOS	13 04 N	59 29 W	56	30	1007.5	1014.0	26.6	+ 0.3	26.7	+1.5	5	50	+ 2		98
PIARCO INT. AP, TRINIDAD	10 37 N	61 21 W	15		1011.2	1012.8	26.8	+ 0.4	26.2	+6.4	2	8		1	115
HATO AP,CURACAO	12 12 N	68 58 W	67	30	1009.8	1010.7	27.4	+ 0.2	28.4	+1.2	1	3	- 14	2	85
SAN ANDRES,COLOMBIA	12 35 N	81 43 W	6	30	1011.5	1011.6	27.2		28.2		4	10			
PROVIDENCIA,COLOMBIA	13 22 N	81 21 W	6	30			27.4		28.4		4	29			
DOMINICAN REPUBLIC															
SANTO DOMINGO	18 26 N	69 53 W	14		1012.5	1014.0	25.9		25.2		11	114		5	
SOUTH AMERICA															
VENEZUELA															
MARACAIBO-LA CHINITA	10 34 N	71 44 W	65	30	1007.4	1008.9	27.4	- 0.3	29.8		11	67	+ 35		56
LA CANADA(MARACAIBO)	10 31 N	71 39 W	26			U									
MARACAY-B.A. SUCRE	10 15 N	67 39 W	437	30	960.6	1008.7	27.4	+ 1.3	25.7		4	58	+ 28		79
CARACAS/LA CARLOTA	10 30 N	66 53 W	835	30	918.7	1510 Y	23.2	+ 0.7	21.3		5	70	+ 19		84
BARCELONA	10 07 N	64 41 W	7	30	1009.7	1010.5	26.8	- 0.7	23.2						99
SAN ANTONIO DEL TACHIRA	07 51 N	72 27 W	378	30	967.9	1010.0	25.4	- 0.2	25.9		8	60	- 21		62
MERIDA	08 36 N	71 11 W	1498	30	851.7	1518 Y	19.1	- 0.1	18.3		20	52	-115		61
SAN FERNANDO DE APURE	07 54 N	67 25 W	48	30	1004.8	1010.3	29.7	+ 0.9	30.0		1	61	- 10		84
SANTA ELENA DE UAIREN	04 36 N	61 07 W	907	30		1434 Y	23.5	+ 1.6	20.6		2	47	-126		137
GUYANA															
GEORGETOWN	06 48 N	58 09 W	2		1011.7	1012.1	27.7		28.1		9	53		1	110
TIMEHRI	06 30 N	58 15 W	30		1008.7	1012.2	26.1		25.9		6	29			
SURINAM															
ZANDERIJ	05 27 N	55 12 W	15		1009.5	1011.9	26.6		26.8		12	51			
FRENCH GUIANA															
CAYENNE/ROCHAMBEAU	04 50 N	52 22 W	9	30	1011.2	1012.3	26.8	+ 1.1	28.0	-0.3	17	97	-332	0	112
COLOMBIA															
SANTA MARTA/SIMON BOLIVAR	11 08 N	74 14 W	14	30	1007.0	1007.5	28.5		28.1		1	7			
CARTAGENA/CRESPO	10 27 N	75 31 W	12	30	1008.2	1008.4	27.4		30.1		2	33			
BARRANQUILLA/ERNESTO CORTISS	10 54 N	74 46 W	30	30	1007.2	1008.8	27.6		29.3		5	41			
QUIBDO	05 42 N	76 38 W	73	30			26.1		29.3		27	908			
CUCUTA/CAMILO DAZA	07 56 N	72 31 W	317	30	974.1	1009.0	25.8		27.2		8	135			
BARRANCABERMEJA/YARIGUIES	07 01 N	73 48 W	134	30			27.0		29.3		18	285			
BUCARAMANGA/PALONEGRO	07 06 N	73 12 W	1189	30			20.9		21.9		16	105			
PEREIRA/MATECANA	04 49 N	75 48 W	1342	30	864.7		21.2		20.0		16	225			
BOGOTA/EL DORADO	04 42 N	74 08 W	2548	30	752.8		13.9		13.4		12	97			
IPIALES/SAN LUIS	00 49 N	77 38 W	2961	30			11.0		11.3		9	82			
CALI/PALMASECA	03 33 N	76 23 W	969	30	904.8		23.2		22.0		13	123			
VILLAVICENCIO/VANGUARDIA	04 09 N	73 34 W	431	30			25.8		24.8		23	455			
GAVIOTAS	04 33 N	70 55 W	167	30	987.9	1007.1	26.4		28.1		17	104			
NEIVA/LA MANGUITA	02 58 N	75 18 W	443	30	950.1	998.4	27.1		25.0		8	65			
LETICIA/VASQUEZ COBO	04 10 S	69 57 W	84	30	999.6	1009.1	26.5		29.5		19	301			
ECUADOR															
SAN CRISTOBAL/GALAPAGOS	00 54 S	89 36 W	6	30	1009.4		25.0	- 0.9	29.0	-1.1	3	32	- 54	2	100
QUITO-BODEGA	00 10 S	78 29 W	2800	30	729.5		15.0	+ 0.8	12.2	+0.6	14	155	+ 11		100
IZOBAMBA-SANTA CATALINA	00 22 S	78 33 W	3058	30	706.6		11.9	+ 0.2	11.2	+0.1	21	252	+ 66	4	115
NUEVO ROCAFUERTE	00 55 S	75 24 W	215	30			25.4	+ 0.2	29.2	-0.2	22	431	+127		125
PORT VIEJO-GRANJA	01 02 S	80 26 W	44	30	1004.6		26.0	- 0.2	25.8	+0.6	10	80	+ 21	4	95
PICHILINGUE	01 06 S	79 28 W	73	30	1001.6		24.4	- 0.7	28.0	+0.1	26	394	+ 28	3	70
EL PUYO	01 30 S	77 57 W	950	30			21.5	+ 0.6	23.8	-1.9	27	762	+287	6	150
MILAGRO	02 07 S	79 36 W	13	30	1011 1		25.1	- 1.2	27.7	+0.4	19	176	- 58	2	95
CANAR	02 33 S	78 56 W	3120	30			11.1	- 0.3	11.5	-0.5	10	37	- 29	1	110
PERU															
TUMBES	03 33 S	80 24 W	27		1007.6	1009.8	25.8		27.3		0	0			
TALARA	04 34 S	81 15 W	90		1000.3	1010.3	24.5		18.2		0	0		5	
CHICLAYO	06 47 S	79 50 W	34		1007.5	1010.3	22.4		19.5		1	1		3	
CHIMBOTE	09 10 S	78 31 W	21		1010.0	1011.2	20.4		19.4		0	0		1	

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
SOUTH AMERICA															
PERU															
LIMA-CALLAO/INTL AP/	12 00 S	77 07 W	13		1009.8	1011.4	20.4		19.4		0	T		4	
PISCO	13 45 S	76 17 W	7		1009.1	1009.8	20.2		19.7		0	0		5	
SAN JUAN	15 23 S	75 10 W	60		1005.5	1012.5	20.6		18.3		0	0		4	
CAJAMARCA	07 08 S	78 28 W	2622		706.1	739.7	16.0		13.1		16	111		3	
HUANUCO	09 54 S	75 45 W	1860		803.1	816.3	21.7		18.5		1	1		1	
CUZCO	13 33 S	71 59 W	3249		688.2		12.2		9.2		18	78		4	
AREQUIPA	16 19 S	71 33 W	2520		707.2	752.1	15.0		9.0		0	0			
TACNA	18 04 S	70 18 W	458		961.7	1014.6	18.5		16.2		0	0			
TARAPOTO	06 27 S	76 23 W	282		980.9	1015.8	27.3		26.4		7	79		1	
JUANJUI	07 13 S	76 43 W	363		979.6	1017.3	27.3		26.4		2	116		3	
BOLIVIA															
COBIJA	11 05 S	68 52 W	252	26			27.1	+ 2.0			2	57	-139	1	
RIBERALTA	11 01 S	66 07 W	135	26		1005.5	28.1	+ 1.4			3	46	-108	1	
SAN JOAQUIN	13 04 S	64 40 W	140	27			27.8	+ 1.5			6	67	- 55	2	
RURRENABAQUE	14 29 S	67 29 W	202	29		1006.1	27.8	+ 1.7			8	58	- 88	1	
TRINIDAD	14 51 S	64 57 W	157	27		1012.8	28.5	+ 2.0			4	29	- 95	1	
CONCEPCION	16 15 S	62 06 W	497	30		1010.3	26.0	+ 2.0			6	79	+ 14	3	
SAN IGNACIO DE VELASCO	16 22 S	60 57 W	413	30		1007.1	27.1	+ 3.2			4	90	+ 9	3	
SANTA CRUZ	17 48 S	63 10 W	414	30		1009.8	25.9	+ 1.6			9	121	+ 14	3	
ROBORE	18 19 S	59 45 W	265	30		1008.8	28.9	+ 3.5			3	14	- 81	1	
POTOSI	19 32 S	65 43 W	3934	28	641.6		10.9	+ 1.1			1	4	- 8	2	
CAMIRI	20 03 S	63 34 W	810	29		1009	23.5	+ 1.6			2	30	- 27	2	
VILLA-MONTES	21 16 S	63 30 W	400	25		1013	24.4	+ 1.4			1	38	- 25	3	
TARIJA	21 32 S	64 43 W	1875	29	812		21.7	+ 3.3			3	33	+ 8	5	
YACUIBA	22 01 S	63 42 W	643	29		1008	22.7	+ 1.7			8	39	- 55	2	
LA PAZ/ALTO	16 31 S	68 11 W	4071	30	626.6		8.7	+ 0.4			17	62	+ 35	5	
ORURO	18 03 S	67 04 W	3702	30	653.0		12.5	+ 1.0			5	8	- 4	2	
COCHABAMBA	17 27 S	66 06 W	2548	29	749.8		19.0	+ 0.5			4	34	+ 18	5	
SUCRE	19 01 S	65 16 W	2903	29	720.0		17.5	+ 2.0			4	12	- 17	2	
PUERTO SUAREZ	19 00 S	57 44 W	135	30		1004.8	28.8	+ 3.8			1	22	- 64	1	
BRAZIL-NORTHERN															
BOA VISTA	02 49 N	60 39 W	90	30			29.0	+ 1.1	29.0	+2.2	2	12	-139	1	
COARI	04 05 S	63 05 W	46	30	1003.6	1009.1	25.4	+ 0.2			19	223	- 65	1	
MANAUS	03 08 S	60 01 W	72	30	1002.2	1009.0	26.6	+ 0.7	28.7	-0.9	23	279	- 8	3	
MANAUS AERO PONTA PELADA	03 09 S	59 59 W	84			U									
BENJAMIN CONSTANT	04 23 S	70 02 W	65	30	1004.8	1011.9	27.8		28.4		12	340		3	
CRUZEIRO DO SUL	07 38 S	72 40 W	170	30	986.3	1005.7	24.2	0.0	28.2	+1.4	19	221	- 20	2	
PORTO VELHO/AEROPORTO	08 46 S	63 55 W	105	30	1000.7	1007.6	25.9	+ 0.7	29.7	+2.1	13	221	- 4	3	
VILHENA /AEROPORTO/	12 44 S	60 08 W	652		942.2	1009.8	24.5		26.5		15	97			
RIO BRANCO	09 58 S	67 48 W	136	30			25.0		29.3		15	188			
SAO FELIX DO XINGU	06 38 S	51 58 W	150	30	990.0	1011.5	25.2		27.1		20	310			
BELEM	01 27 S	48 28 W	24	30	1010.6	1011.1	25.2	- 0.5	30.6	+1.2	28	576	+194	5	
BELEM/AERO VAL DE CAS	01 23 S	48 29 W	16			U									
SAO LUIZ	02 32 S	44 17 W	51	30	1004.6	1010.5	25.4		30.0		28	749		6	
FORTALEZA	03 44 S	38 33 W	19	30	1007.4	1010.5	25.7		29.1		24	566		6	
NATAL	05 55 S	35 15 W	49			U									
CONCEICAO DO ARAGUAIA	08 15 S	49 12 W	160	30			25.9	+ 0.5			20	284	+ 91	4	
CAROLINA	07 20 S	47 28 W	192	30	988.8	1012.8	25.7		28.4		14	298		5	
BARRA DO CORDA	05 30 S	45 16 W	153	30	991.9	1011.7	25.0	- 0.6	29.0	+1.0	13	212	+ 56	4	
FLORIANO	06 46 S	43 01 W	123	30	995.8	1010.6	25.9		28.2		11	78			
QUIXERAMOBIM	05 12 S	39 18 W	211	30	986.4	1010.2	25.2	- 1.9	27.0	+1.0	18	361	+201	6	
PORTO NACIONAL	10 31 S	48 43 W	250	30	984.2	1011.1	26.0	+ 0.1	28.4	+1.2	13	99	- 51	2	
BOM JESUS DA LAPA	13 16 S	43 25 W	440	30	961.0	1011.9	25.9		23.2		2	24			
PETROLINA	09 23 S	40 29 W	370	30	969.2						5	21			
RECIFE /CURADO/	08 03 S	34 55 W	7	30	1010.9	1011.8	25.0	- 1.5	28.6	+0.6	24	337	+ 97	5	
ARACAJU	10 55 S	37 03 W	6	30	1010.5	1011.2	28.7	+ 2.3	27.1	+1.3	15	184	+ 22	4	
SALVADOR	13 01 S	38 31 W	51	30	1005.3	1011.4	26.3	- 0.6	28.8	+1.2	14	402	+111	4	
BRAZIL SOUTHERN															
CUIABA	15 33 S	56 07 W	179	30	992.9	1009.9	27.2	+ 1.7	27.5	+1.1	6	137	+ 22	4	
PONTA PORA	22 32 S	55 44 W	650	30	935.0	1011.2	21.0	+ 1.8	22.0	+4.4	6	55	- 83	0	
CAMPO GRANDE	20 28 S	54 40 W	560	30	952.3	1011.0	24.3	+ 2.4	22.4	+1.8	3	50	- 51	2	
CAMPO GRANDE (AEROPORTO)	20 28 S	54 40 W	567			U									
TRES LAGOAS	20 47 S	51 38 W	313	30	974.7	1014.9	25.7	+ 2.8	24.0	+2.1	3	91	- 1	3	
GOIANIA	16 41 S	49 17 W	729	30	928.8	1010.0	24.8	+ 2.7	21.2	+0.6	5	61	+ 31	2	
MONTES CLAROS	16 43 S	43 52 W	646	30	940.3	1011.6	24.0		19.5		3	8		2	
BRASILIA	15 47 S	47 56 W	1158	30	887.0	1011.9	21.6		18.4		8	69			
BRASILIA/AEROPORTO/	15 52 S	47 56 W	1061			U									
BELO HORIZONTE	19 50 S	43 56 W	850	30	912.7	1012.8	23.0	+ 1.9	17.9	-0.5	5	61	- 16	3	
CARAVELAS	17 44 S	39 15 W	3	30	1013.0	1013.5	25.7	+ 1.2	22.4	-3.4	12	46	-172	0	
CORUMBA	19 00 S	57 39 W	130	30	993.6	1010.9	26.6	+ 1.9	27.6	+3.6	4	24	- 47	1	
JUIZ DE FORA	21 46 S	43 21 W	939	30	912.0	1015.6	19.9		19.5		11	59		2	
RIO DE JANEIRO	22 55 S	43 10 W	5	30	1014.5	1014.9	25.8	+ 1.9	27.3	+3.7	6	213	+ 97	5	
GALEAO	22 49 S	43 15 W	6			U									
LONDRINA	23 23 S	51 11 W	566	30	949.3	1013.0	22.7		21.0		7	117			
SAO PAULO	23 30 S	46 37 W	792	30	924.9	1013.3	21.3	+ 1.8	18.8	+0.2	9	85	+ 23	4	
SAO PAULO(AEROPORTO)	23 37 S	46 39 W	803			U									
CURITIBA	25 26 S	49 16 W	923	30	912.6	1015.4	18.6	+ 1.8	18.7	+2.4	7	79	+ 1	4	
CURITIBA (AEROPORTO)	25 31 S	49 10 W	908			U									
FLORIANOPOLIS	27 35 S	48 34 W	2	30	1014.2	1014.4	22.7		23.6		13	112		3	

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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		%
SOUTH AMERICA															
BRAZIL SOUTHERN															
ALEGRETE	29 41 S	55 31 W	121	30	998.7	1012.3			20.8	+4.2	14	317	+152	4	
IGUAPE	24 43 S	47 33 W	3	30	1013.7	1014.2	24.3		26.0		12	136		2	
PORTO ALEGRE	31 01 S	51 13 W	47	30	1009.0	1014.5	21.2	+ 1.5	21.0	+3.3	11	157	+ 54	4	
PORTO ALEGRE (AEROPORTO)	30 00 S	51 11 W	3			U									
SANTA VITORIA DO PALMAR	33 31 S	53 22 W	6	30	1010.8	1015.1	19.0	+ 1.9	19.5	+3.6	6	82	- 42	3	
CHILE															
ARICA	18 21 S	70 20 W	55	30	1006.9	1014.4	19.2	- 0.9	16.0	-2.1	0	0	0	5	
IQUIQUE/CAVANCHA	20 13 S	70 09 W	8	30	1008.3	1014.4	18.7	+ 0.9	15.1		0	0	0	5	
ANTOFAGASTA	23 26 S	70 27 W	140	30	999.7	1013.9	16.5	+ 0.3	14.4	-1.1	0	0	0	5	
ISLA DE PASCUA	27 10 S	109 26 W	69	30	1012.6	1018.2	22.2	+ 0.7	20.3	-0.7	12	72	- 42	2	
ISLA ROBINSON CRUSOE	33 37 S	78 50 W	30	30	1012.9	1016.5	16.5	- 0.3	14.6	-0.1	11	185	+109	5	
LA SERENA	29 55 S	71 12 W	146	30	997.8	1014.8	13.4	- 1.5	12.8	-0.9	0	0	- 2	3	
QUINTERO	32 47 S	71 32 W	2	30			12.6	- 0.4			4	60	+ 48	5	
PUNTA ANGELES	33 01 S	71 39 W	41	30	1009.8	1014.7	14.3	- 0.1	13.7	+0.9		83		6	
VALDIVIA	39 38 S	73 05 W	19	30	1011.5	1013.8	10.9	- 0.9	11.9	0.0	22	262	+ 91	5	
PUERTO MONTT	41 26 S	73 06 W	90	30	1002.7	1013.1	10.1	- 1.2	10.9	-0.6	20	204	+ 62	5	
ISLA GUAFA	43 34 S	74 44 W	140	30	994.1	1011.0	9.5	- 1.0	10.6	-0.4	21	217	+ 73	5	
PUNTA ARENAS	53 00 S	70 51 W	44	30	993.4	998.8	4.6	- 2.1	6.9	-0.6	7	32	- 18	2	
ARGENTINA-NORTHERN															
LA QUIACA OBSERVATORIO	22 06 S	65 36 W	3459	30	672.6	3119 Z	10.7	+ 0.7	6.5	+1.3	1	4	- 3	3	
JUJUY AERO	24 23 S	65 05 W	904	30	909.8	1479 Y	19.6	+ 1.7	18.8	+2.5	5	41			105
SALTA AERO	24 51 S	65 29 W	1226	30	876.3	1479 Y	17.8	+ 2.1	16.9	+2.3	5	16	- 37	2	110
TUCUMAN AERO	26 51 S	65 06 W	450	30	958.7	1009.0	22.3		19.8		10	98			
CATAMARCA AERO	28 36 S	65 46 W	454	30	956.3	1007.3	22.1	+ 1.9	17.4		44	10			
LA RIOJA AERO	29 23 S	66 49 W	429	30	959.5	1007.8	20.1	+ 0.5	17.0	+2.0	0	2	- 13	1	75
JACHAL	30 15 S	68 45 W	1165	27	883.0	1498 Y	16.8	+ 1.2	12.0	0.0	0	0	- 6	2	80
CHEPES	31 20 S	66 36 W	658	30	936.1	1009.4	21.2	+ 2.9	14.9	+1.2	2	9	- 2	3	
MENDOZA AERO	32 50 S	68 47 W	704	30	932.1	1009.8	16.5	+ 1.0	11.5	-0.3	1	2	- 9	2	90
MENDOZA OBSERVATORIO	32 50 S	68 51 W	828	30	917.3	1469 Y	15.6	+ 0.2	11.6	+0.7	2	9	- 2	3	85
SAN LUIS AERO	33 16 S	66 21 W	713	30	929.7	1009.9	17.4	+ 1.0	13.0	+1.5	3	21	- 19	3	95
VILLA REYNOLDS AERO	33 44 S	65 23 W	484	30	956.2	1012.3	15.6	+ 2.1	14.4	+2.2	4	69	+ 26	4	85
CORDOBA AERO	31 19 S	64 13 W	474	30	957.3	1011.1	18.5	+ 1.8	16.6	+2.5	4	19	- 26	2	70
CORDOBA	31 24 S	64 11 W	425	30	962.6	1011.1	19.4	+ 2.1	16.0	+1.1	1	6	- 38	1	80
PILAR OBSERVATORIO	31 40 S	63 53 W	338	30	973.5	1012.5	18.4	+ 1.9	16.0	+1.1	2	7	- 40	1	90
RIO CUARTO AERO	33 07 S	64 14 W	421	30	963.3	1011.7	17.3	+ 1.4	16.5	+3.8	4	9	- 42	1	90
RIVADAVIA	24 10 S	62 54 W	205	30	984.5	1007.8	23.1	+ 1.3	22.4	+7.4	5	35	- 18	2	
LAS LOMITAS	24 42 S	60 35 W	130	30	994.3	1009.1	24.6	+ 3.1	23.9	+4.2	6	57	- 41	2	110
FORMOSA AERO	26 12 S	58 14 W	60	30	1003.0	1009.8	24.1	+ 2.5	25.1	+4.4	10	364	+228	6	90
ORAN AERO	23 09 S	64 19 W	357	30	967.8	1008.2	22.4	+ 1.9	24.7	+4.0	9	45	- 33	2	55
SANTIAGO DEL ESTERO AERO	27 46 S	64 18 W	199	30	986.3	1009.1	20.6	+ 1.0	20.2	+3.5	10	38	+ 2	4	75
PRES. ROQUE SAENZ PENA	26 49 S	60 27 W	92	30	999.7	1010.2	23.7	+ 3.1	24.5	+5.8	9	267	+170	6	90
RESISTENCIA AERO	27 27 S	59 03 W	52	30	1004.5	1010.3	23.0	+ 2.7	24.3	+5.6	13	511	+375	6	85
CORRIENTES AERO	27 27 S	58 46 W	62	30	1003.9	1011.1	22.6	+ 1.8	24.1	+5.2	11	441	+296	6	80
POSADAS AERO	27 22 S	55 58 W	133	30	997.1	1012.3	21.8	+ 1.0	22.9	+3.7	16	402	+266	6	80
RECONQUISTA AERO	29 11 S	59 40 W	53	30	1005.3	1011.4	21.4	+ 1.9	23.5	+4.8	13	470	+347	5	65
CERES	29 53 S	61 57 W	88	30	1000.5	1010.7	20.0	+ 1.3	20.6	+4.1	11	179	+110	5	70
PASO DE LOS LIBRES	29 41 S	57 09 W	70	30	1004.1	1012.2	20.5	+ 1.1	21.4	+4.4	15	520	+371	5	55
PARANA AERO	31 47 S	60 29 W	77	30	1003.8	1012.9	19.2	+ 1.9	19.3	+1.7	10	313	+222	6	75
CONCORDIA AERO	31 18 S	58 01 W	38	30	1009.1	1013.7	19.7	+ 1.1	19.7	+3.3	11	274	+158	5	
ROSARIO AERO	32 55 S	60 47 W	25	30	1008.9	1011.8	17.9	+ 1.1	17.5	+2.6	7	195	+110	5	70
GUALEGUAYCHU AERO	33 00 S	58 37 W	24	30	1009.8	1012.7	19.1	+ 2.0	18.6	+3.6	8	213	+126	5	70
ARGENTINA-SOUTHERN															
BARILOCHE AERO	41 09 S	71 10 W	840	30	915.8	1451 Y	7.1	+ 0.2	7.8	-0.1	9	65	+ 13		85
MAQUINCHAO	41 15 S	68 44 W	888	26	904.9	1400 Y	8.1	- 0.9	5.7	-0.9	6	26	+ 14	4	
ESQUEL AERO	42 56 S	71 09 W	785	30	917.5	1008.5	7.3	- 0.9	7.1	+0.5	11	54	+ 17	4	
SAN RAFAEL AERO	34 35 S	68 24 W	746	30	927.3	1012.1	14.2	- 0.4	10.4	0.0	3	9	- 9	2	60
LABOULAYE	34 08 S	63 22 W	137	30	996.5	1012.7	16.7	+ 0.9	15.4	+2.4	7	111	+ 46	5	95
JUNIN AERO	34 33 S	60 55 W	81	30	1003.3	1012.9	16.8	+ 1.4	15.5	+1.7	8	109	+ 25	4	90
PUNTA INDIO B.A.	35 22 S	57 17 W	22	30	1011.4	1013.9	18.1		16.5	+1.9	9	100			90
PEHUAJO AERO	35 52 S	61 54 W	87	30	1003.3	1013.4	16.2	+ 1.4	15.5	+1.1	8	118	+ 32	5	85
SANTA ROSA AERO	36 35 S	64 16 W	191	30	990.7	1013.3	15.2	+ 0.4	14.2	+2.2	7	163	+111	5	90
NEUQUEN AERO	38 57 S	68 08 W	270	30	980.7	990.0	14.0	+ 1.0	9.2	+0.7	4	11	- 8	4	55
AZUL AERO	36 44 S	59 50 W	132	30	998.3	1013.9	14.1	+ 0.6	14.1	+1.6	7	148	+ 66	5	90
EZEIZA AERO	34 49 S	58 32 W	20	30	1011.3	1013.5	17.6	+ 1.8	16.3	+2.2	8	178	+ 96	5	
AEROPARQUE	34 34 S	58 25 W	6	30	1013.0	1013.7	19.1	+ 1.6	17.8	+2.8	10	162	+ 84	5	90
BUENOS AIRES/OBS. CENTRAL	34 35 S	58 29 W	25	30	1010.9	1013.8	18.6	+ 1.4	17.2	+2.3	11	184	+ 93	5	75
DOLORES AERO	36 21 S	57 44 W	9	26	1012.5	1013.5	16.4	+ 1.7	16.0	+2.2	9	193	+114	5	90
MAR DEL PLATA AERO	37 56 S	57 35 W	21	30	1011.1	1013.7	14.8	+ 0.4	13.9	+0.5	90	191	+123	5	105
TRES ARROYOS AERO	38 20 S	60 15 W	115	30	1003.0	1014.0	14.3	+ 0.4	12.5	+0.9	7			4	90
PIGUE AERO	37 36 S	62 23 W	304	30	977.8	1013.7	13.3	+ 0.4	12.3	+0.9	9	178	+ 93	5	85
COMANDANTE ESPORA B.N.	38 44 S	62 10 W	74			U									
BAHIA BLANCA AERO	38 44 S	62 11 W	83	30	1003.0	1012.9	15.0	+ 0.7	12.5	+1.5	5	21	- 31	2	110
VIEDMA AERO	40 51 S	63 01 W	7	30	1009.8	1010.6	14.1		10.0		3	3			
SAN ANTONIO OESTE AERO	40 44 S	64 57 W	7	30	1009.1	1009.9	15.3	+ 0.4	10.7	+1.3	3	15	- 4	3	70
TRELEW AERO	43 12 S	65 16 W	43	30	1005.4	1010.5	13.0	- 0.3	8.4	+1.0	5	26	+ 14	5	85
PASO DE INDIOS	43 49 S	68 53 W		26	955.4	1009.4	10.2		7.1	+0.4	4	19			65
COMODORO RIVADAVIA AERO	45 47 S	67 30 W	46	30	1001.3	1006.7	11.6	- 1.1	7.4	+0.4	3	32	+ 12	5	80
PUERTO DESEADO AERO	47 44 S	65 55 W	79	26	996.5	1005.9	9.6	- 0.7	7.1	-1.0	2	6		1	100
GOBERNADOR GREGORES AERO	48 47 S	70 10 W	358	26	960.5	1002.9	8.0	+ 5.8	5.8	-0.1	5	13	+ 1	4	55

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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															
ARGENTINA-SOUTHERN															
SAN JULIAN AERO	49 19 S	67 45 W	62	30	995.9	1003.4	9.4	- 0.1	7.5	+0.3	1	4	- 14	1	
LAGO ARGENTINO AERO	50 20 S	72 18 W	220	30	976.2	1002.6	6.3	+ 1.9	5.6		2	5	- 21	1	
SANTA CRUZ AERO	50 01 S	68 34 W	111	30	988.9	1002.1	8.4	+ 0.3	6.3	0.0	1	1	- 12	1	
RIO GALLEGOS AERO	51 37 S	69 19 W	17	30	998.5	1000.7	6.5	- 1.3	5.9	-1.1	8	22	+ 5	4	85
RIO GRANDE B.A.	53 48 S	67 45 W	22	30	994.3	997.1	4.0		6.9		4	24			
USHUAIA	54 48 S	68 19 W	14	30	994.2	995.9	4.2	- 1.5	7.5	+0.5	10	40	- 8	3	80
URUGUAY															
SALTO	31 23 S	57 57 W	46	30	1008.9	1012.9	19.7	+ 1.3	19.5	+5.0	10	324	+173	5	
MELO	32 22 S	54 11 W	93	30	1001.8	1013.7	19.3	+ 1.5	18.7	+3.1	6	136	+ 31	5	
PASO DE LOS TOROS	32 48 S	56 32 W	79	30	1004.4	1013.4	19.1	+ 1.6	18.0	+2.5	8	191	+ 80	5	
MERCEDES	33 15 S	58 04 W	22	30	1011.1	1013.2	19.5	+ 1.4	17.9	+3.2	8	164	+ 67	5	
TREINTA Y TRES	33 13 S	54 23 W	44	30	1008.5	1014.0	19.1	+ 1.6	18.1	+3.8	6	87	- 44	3	
COLONIA	34 27 S	57 50 W	20	30	1010.8	1013.6	18.8	+ 0.8	16.9	+1.3	8	275	+163	5	
MONTEVIDEO/PRADO	34 51 S	56 16 W	22	30	1011.7	1013.7	18.7	+ 1.7	17.1	+2.4	12	132	+ 29	5	
PUNTA DEL ESTE	34 58 S	54 57 W	16	30	1012.0	1013.9	19.3	+ 1.7	17.9	+2.0	6	72	- 12	3	
ROCHA	34 29 S	54 18 W	22	30	1012.1	1014.4	18.2	+ 1.6	17.8	+1.4	4	39	- 58	2	
ANTARCTICA															
BELLINGSHAUSEN	62 12 S	58 56 W	16		988.1	990.1	- 1.9		5.2		23	80			
RUSSKAYA	74 42 S	136 51 E	100		962.1	978.2	-14.9		1.8		17	245			
CENT.MET.ANT.PDTE.ED.FREI	62 15 S	58 56 W	10	30	988.9	990.0	- 1.3		4.6		16	74			
B.A. ARTURO PRAT	62 30 S	59 41 W	5	30	988.5	989.1	- 2.2		4.6						
B.A. BERNARDO O'HIGGINS	63 19 S	57 54 W	10	30	988.4	989.7	- 4.0		3.2						
B. A. VICECOMODORO MARAMBIO	64 14 S	56 43 W	198	30	965.5	990.6	-12.0				0	2			
S.A.N.A.E. STATION	70 18 S	02 21 W		30	975.4	982.6	-11.8		19.7						
NOVOLAZAREVSKAJA	70 46 S	11 50 E			967.9	983.5	-11.6		1.3		1	2			
MOLODEZNAJA	67 40 S	45 51 E	40		977.2	981.9	-12.5		1.9		12	118			
EUROPE															
GREENLAND															
NORD	81 36 N	16 40 W	36	30	1017.7	1022.7	-23.7	+ 0.3	0.5		0	T	- 8		
DANMARKSHAVN	76 46 N	18 46 W	12	30	1020.8	1022.4	-18.2	- 1.1	0.9		5	6	- 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	30	1010.1	1016.3	- 8.1	+ 1.2	2.8		8	45	+ 32		
EGEDESMINDE	68 42 N	52 45 W	40			U									
GODTHAB	64 10 N	51 45 W	48	30	1011.5	1015.0	- 3.7	- 1.0	4.1		7	32	+ 9		
ANGMAGSSALIK	65 36 N	37 38 W	52	30	1009.6	1014.2	- 1.6	+ 1.9	4.3		15	124	+ 70		
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	30	1001.5	1011.1	0.8	+ 1.3	4.6						
ICELAND															
REYKJAVIK	64 08 N	21 54 W	61	30	1002.9	1010.5	3.6	+ 0.5	6.1	-0.1	10	46	- 7	2	117
KEFLAVIK	63 58 N	22 36 W	54	30	1003.7	1010.4	3.5	+ 0.5	6.4	+0.1	13	67	0		
AKUREYRI	65 41 N	18 05 W	27	30	1009.4	1012.8	2.4	+ 0.7	5.4	-0.5	7	28	- 4	3	96
HJARDARNES I HORNAFIROI/HORN	64 17 N	15 13 W	10	30	1010.5	1011.8	3.3		6.3		14	136			83
UNITED KINGDOM															
LERWICK	60 08 N	01 11 W	84	30	1003.6	1013.8	4.3	- 1.1	6.4	-1.4	13	35	- 41	0	117
STORNOWAY	58 13 N	06 19 W	13	30	1011.1	1012.9	5.0	- 2.0	7.3	-1.4	17	69	+ 4	3	131
TIREE	56 30 N	06 53 W		30	1011.0	1012.1	5.6	- 2.2	7.1	-1.5	8	70	+ 6	3	118
ABERDEEN/DYCE	57 12 N	02 13 W		30	1004.8	1012.7	4.8	- 1.8	6.8	-1.1	15	81	+ 31	5	87
EDINBURGH AIRPORT	55 57 N	03 21 W		30	1008.0	1012.4	4.9	- 2.5	6.7	-1.2	12	79	+ 46		61
ESKDALEMUIR	55 19 N	03 12 W		30	982.3	1012.1	3.6	- 2.2	6.4	-1.3	15	94	- 3	3	74
LEEMING	54 18 N	01 32 W		30	1007.6	1011.6	5.4		7.2		15	89			
BELFAST/ALDERGROVE AP	54 39 N	06 13 W	68	30	1003.4	1011.9	5.3	- 2.5	6.9	-1.9	11	117	+ 69	6	111
VALLEY	53 15 N	04 32 W		30	1009.9	1011.3	6.2	- 2.3	7.6	-1.5	13	64	+ 21	5	101
AUGHTON	53 33 N	02 55 W	56			U									
MANCHESTER AIRPORT	53 21 N	02 16 W	75	30	1001.7	1011.1	6.1	- 2.1	7.0	-1.5	12	68	+ 19	4	93
BIRMINGHAM AP	52 27 N	01 44 W		30	998.9	1011.0	5.7	- 2.0	6.9	-1.2	10	50	+ 13		72
WADDINGTON	53 10 N	00 31 W		30	1002.3	1011.1	5.7	- 2.6	7.3	-1.5	14	64	+ 27	5	81
LONDON/GATWICK AIRPORT	51 09 N	00 11 W		30	1003.8	1010.9	6.4		7.3		12	63			
CRAWLEY	51 05 N	00 13 W	144			U									
CARDIFF-WALES AP	51 24 N	03 21 W		30	1003.4	1011.4	5.8		7.4		15	69			
BOURNEMOUTH AP	50 47 N	01 50 W		30	1009.7	1011.1	5.9		7.5		10	64			
PLYMOUTH/MOUNT BATTEN	50 21 N	04 07 W		30	1008.1	1011.5	6.6	- 2.6	7.7	-1.7	11	54	- 1	3	104
IRELAND															
MALIN HEAD	55 22 N	07 20 W	25	30	1008.7	1011.8	6.1	- 1.9	7.4	-1.2	12	69	+ 15		118
BELMULLET	54 14 N	10 00 W	10	30	1010.9	1012.1	6.0	- 2.7	7.5		16	96	+ 31		111
DUBLIN AIRPORT	53 26 N	06 15 W	85	30	1000.9	1011.3	6.1	- 2.1	7.0	-1.3	12	48	+ 3		99
SHANNON AIRPORT	52 42 N	08 55 W	20	30	1009.9	1012.3	6.5	- 2.6	7.2	-1.8	13	56	+ 3		108
CORK AIRPORT	51 51 N	08 29 W	162	30	922.3	1012.2	5.6	- 2.7	6.9		10	41	- 26		
VALENTIA OBSERVATORY	51 56 N	10 15 W	14	30	1011.1	1012.8	6.7	- 2.7	7.7	-1.5	15	77	+ 3	3	119
DENMARK AND FAROE IS															
THORSHAVN	62 01 N	06 46 W	39	30	1010.4	1013.4	4.4	- 1.0	7.5		14	52	- 54	1	
THORSHAVN	62 01 N	06 46 W	55			U									
ALBORG	57 06 N	09 52 E	3	30	1012.7	1013.1	3.9	- 1.9	6.3		6	14	- 17	1	
KOBENHAVN/JAEGERSBORG	55 46 N	12 31 E	40			U									

SURFACE DATA

APRIL 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	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
DENMARK AND FAROE IS															
KOBENHAVN/LANDBOHOJSKOLEN	55 41 N	12 33 E	9	30	1011.5	1012.1	5.0	- 1.6	6.6		8	36	- 2	4	78
RONNE	55 04 N	14 45 E	16	30	1010.2	1012.2	3.4	- 1.8	6.2		9	36	+ 4	4	
NORWAY															
BJORNOYA	74 31 N	19 01 E	14	30	1016.0	1016.8	- 6.7	- 1.3	3.2		5	11	- 8	1	
BJORNOYA	74 31 N	19 01 E	18			U									
JAN MAYEN	70 56 N	08 40 W	9	30	1016.4	1017.6	- 3.6	- 0.1	3.7		9	44	+ 1	3	
VARDO	70 22 N	31 06 E	15	30	1012.3	1014.1	- 1.7	- 0.9	4.8	-0.2	15	75	+ 39	6	
SVALBARD LUFTHAVN	78 15 N	15 28 E	29	30	1015.0	1018.8	-14.1	- 2.5	1.3		3	12			
TROMSO/LANGNES	69 41 N	18 55 E	10	30	1013.8	1015.0	- 0.4	- 1.2	4.0	-0.7	9	48	- 6		83
BODO	67 16 N	14 22 E	13	30	1013.2	1014.7	1.5	- 0.7	4.4	-1.2	9	25	- 29	1	106
BODO	67 15 N	14 24 E	8			U									
ORLAND	63 42 N	09 36 E	7	30	1013.6	1014.7	2.9	- 1.2	5.5	-0.8	10	42	- 34	2	
ORLAND	63 42 N	09 36 E	10			U									
BERGEN/FLORIDA	60 23 N	05 20 E	36	30	1009.0	1013.5	5.1	- 0.8	5.2	-1.8	4	17	-134	1	119
STAVANGER/SOLA	58 53 N	05 38 E	9	30	1012.3	1013.4	4.0	- 1.5	5.9	-1.2	5	15	- 40	1	
STAVANGER/SOLA	58 52 N	05 40 E	33			U									
OSLO/BLINDERN	59 56 N	10 44 E	96	30	1002.3	1014.2	2.6	- 2.2	4.6	-1.3	7	21	- 23	2	87
OSLO/GARDERMOEN	60 12 N	11 05 E	204	30	989.3	1014.6	1.5	- 1.7	4.6	-1.1	8	41	- 7	3	
OSLO/GARDERMOEN	60 12 N	11 06 E	201			U									
SWEDEN															
KARESUANDO	68 27 N	22 30 E	327	30	974.2	1014.9	- 4.0	- 0.4	3.7	-0.4	5	20	+ 1	4	97
HAPARANDA	65 50 N	24 09 E	6	30	1014.1	1015.0	- 0.9	0.0	4.0	-0.8	7	27	- 7	3	92
STENSELE	65 04 N	17 09 E		30	980.6	1015.4	- 2.0	- 1.8	4.1	-0.7	7	22	- 3	3	
OSTERSUND/FROSON	63 11 N	14 30 E	366	30	970.6	1015.7	- 1.0	- 2.5	4.2		5	51	+ 25	5	102
HARNOSAND	62 38 N	17 57 E	8	30	1014.2	1015.4	0.1	- 2.1	4.9	-0.7	12	71	+ 25	5	89
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	30	1008.3	1014.0	1.7	- 2.3	5.4	-0.7	8	61	+ 22	4	93
JONKOPINGS AIRPORT	57 46 N	14 05 E	232	30	985.5	1013.4	1.7	- 2.2	5.7		10	44	+ 5	3	68
GOTEBORG/SAVE	57 47 N	11 53 E	53	30	1006.9	1013.5	3.5	- 1.9	6.2	-0.6	8	22	- 16	1	65
GOTEBORG/LANDVETTER	57 40 N	12 18 E	155			U									
VISBY FLYGPLATS	57 40 N	18 21 E	47	30	1006.6	1012.9	2.9	- 1.4	6.2	-0.3	7	59	+ 28	5	80
FRANCE															
CHERBOURG	49 39 N	01 28 W	138	30	994.1	1011.1	5.8		7.6		13	77			
BREST/GUIPAVAS	48 27 N	04 25 W	103	30	999.2	1011.8	6.2	- 3.0	7.8	-1.7	18	88	+ 19	4	96
NANTES	47 10 N	01 36 W	27	30	1008.6	1012.0	7.9	- 2.9	7.7	-2.1	13	55	+ 10	4	90
TRAPPES	48 46 N	02 01 E	168	30	990.4	1010.9	6.1	- 3.4	7.2	-1.7	16	96	+ 52	6	74
PARIS/LE BOURGET	48 58 N	02 27 E	65	30	1003.1	1011.1	6.9	- 3.4	8.3	-0.4	16	89	+ 51	6	75
NANCY/ESSEY	48 41 N	06 13 E	217	30	984.9	1011.3	6.7	- 2.5	8.0	-0.3	14	91	+ 42	5	58
STRASBOURG	48 33 N	07 38 E	154	30	992.6	1011.4	7.8	- 2.0	8.3	-0.1	15	86	+ 47	5	44
DIJON	47 16 N	05 05 E	227	30	983.7	1011.2	6.8	- 3.6	8.1	-0.1	13	126	+ 80	6	46
BOURGES	47 04 N	02 22 E	166	30	991.1	1011.3	6.9	- 3.7	8.3	-0.3	19	97	+ 51	5	67
LIMOGES	45 52 N	01 11 E	402	30	963.9	1012.3	5.4	- 4.5	7.9	-0.5	19	169	+104	6	65
LYON/BRON	45 43 N	04 57 E	201	30	987.2	1011.5	7.5	- 3.4	8.0	-0.7	17	164	+108	6	43
LYON/SATOLAS	45 44 N	05 05 E	240			U									
BORDEAUX/MERIGNAC	44 50 N	00 42 W	61	30	1005.2	1012.7	7.7	- 4.0	8.3	-1.4	17	157	+109	6	60
TOULOUSE/BLAGNAC	43 38 N	01 22 E	153	30	994.3	1012.8	8.6	- 2.8	8.8	-0.8	15	64	+ 14	4	53
PERPIGNAN	42 44 N	02 52 E	48	30	1005.6	1011.5	10.9	- 3.0	9.1	-0.7	5	43	+ 4	4	59
NIMES/COURBESSAC	43 52 N	04 24 E	62	30	1003.3	1010.8	10.5	- 2.5	9.0	-0.2	13	137	+ 76	5	63
MARSEILLE/MARIGNANE	43 27 N	05 13 E	36	30	1005.6	1010.0	11.8	- 1.2	9.4	-0.4	9	109	+ 67	5	78
NICE	43 39 N	07 12 E	10	30	1008.3	1009.5	12.7	- 0.6	10.9	-0.6	13	121	+ 48	4	62
AJACCIO	41 55 N	08 48 E	9	30	1009.5	1010.2	12.7	+ 0.1	11.6	+0.3	11	89	+ 41	5	71
BELGIUM															
UCCLE	50 48 N	04 21 E	104	30	998.1	1010.4	6.6		7.8		10	57		3	66
LUXEMBOURG															
LUXEMBOURG AP	49 37 N	06 13 E	379	30	964.9	1010.5	5.1	- 2.6	7.0	-0.3	16	99	+ 46	5	55
SWITZERLAND															
SANTIS	47 15 N	09 21 E	2500	30	741.2	2948 Z	- 5.3	- 1.2	3.6	0.0	13	233	+ 67	5	69
ZURICH/TOWN/VILLE/	47 23 N	08 34 E	569	30	944.1	1011.5	6.0	- 2.6	7.3	-0.3	18	180	+100	6	49
GENEVE/COINTRIN	46 15 N	06 08 E	416	30	961.6	1011.2	6.9	- 2.3	7.5	+0.1	17	138	+ 86	6	34
PAYERNE	46 49 N	06 57 E	491			U									
LUGANO	46 00 N	08 58 E	276	30	977.4	1010.4	9.3	- 2.5	9.0	+0.5	23	512	+364	6	44
FEDERAL REP OF GERMANY															
SCHLESWIG	54 32 N	09 33 E	48	30	1006.6	1012.5	5.1	- 1.0	7.3	+0.6	10	30	- 24	1	79
HAMBURG/FUHLSBUTTEL	53 38 N	09 59 E	16	30	1010.0	1012.0	6.4	- 0.7	7.2	+1.2	6	19	- 33	1	75
EMDEN-HAFEN	53 20 N	07 12 E	12	30	1010.1	1011.6	6.1	- 1.3	7.3	+1.1	8	24	- 22	2	82
HANNOVER	52 28 N	09 42 E	54	30	1005.2	1011.8	6.7	- 0.9	7.8	+0.3	11	33	- 15	2	67
BERLIN/TEMPELHOF	52 28 N	13 24 E	49	30	1005.4	1011.4	7.4	- 1.1	8.0	+0.4	11	44	+ 5	4	55
KASSEL	51 19 N	09 29 E	163	30	982.7	1011.0	6.1	- 2.3	7.4	-0.5	9	44	- 5	3	56
ESSEN	51 24 N	06 58 E	161	30	991.5	1011.1	6.3	- 2.2	7.7	-0.6	19	121	+ 57	5	76
GEISENHEIM	49 59 N	07 58 E		30	995.9	1010.5	7.5	- 2.0	7.7	-0.3	10	38	+ 1	4	65
NURNBERG	49 30 N	11 05 E	312	30	973.1	1010.4	8.0	- 0.1	7.4	-0.3	7	46	+ 6	4	79
STUTTGART/BAD CANNSTATT	48 50 N	09 12 E	315	30	973.4	1010.7	7.5	- 1.4	7.9	0.0	12	117	+ 68	6	
MUNCHEN/RIEM	48 08 N	11 42 E	529	30	947.8	1010.3	7.2	- 0.3	7.9	+0.3	12	96	+ 34	5	82
MUNCHEN/OBERSCHLEISSHEIM	48 15 N	11 33 E				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		%
EUROPE															
FEDERAL REP OF GERMANY															
KONSTANZ	47 41 N	09 11 E	447	30	957.5	1010.7	7.1	- 1.7	7.7	-0.4	16	138	+ 85	6	60
ZUGSPITZE	47 25 N	10 59 E	2962	30	699.1	2951 Z	- 7.7	- 0.2	3.4	+0.2	14	141	- 28		81
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									
AUSTRIA															
ST. POLTEN	48 12 N	15 37 E	282	30	975.4	1009.7	10.2	+ 1.2	7.3	-0.7	6	14	- 35	1	96
WIEN/HOHE-WARTE	48 15 N	16 22 E	209	30	984.0	1009.3	11.5	+ 1.2	8.0	+0.1	4	14	- 31	1	89
SALZBURG-FLUGHAFEN	47 48 N	13 00 E	450	30	953.8	1001.7	8.8	+ 0.5	7.2	-0.8	10	52	- 37	1	91
INNSBRUCK-FLUGHAFEN	47 16 N	11 21 E	598	30	938.8	1009.5	8.4	- 0.9	6.8	-0.7	10	73	+ 18	5	93
KLAGENFURT-FLUGHAFEN	46 39 N	14 20 E	452	30	955.7	1010.7	8.0	- 0.7	7.4	-0.6	10	34	- 35	1	73
GRAZ-THALERHOF-FLUGHAFEN	47 00 N	15 26 E	347	30	968.5	1010.5	9.3	+ 0.3	8.6	+0.6	7	54	+ 2	4	74
SONNBLICK	47 03 N	12 57 E	3107	30	686.7	2952 Z	- 7.3	+ 0.9	3.4	+0.5	22	152	- 15	3	29
CZECHOSLOVAKIA															
CHEB	50 05 N	12 24 E	471	30	954.3	1010.4	6.6	0.0	7.5	+0.2	7	22	- 17	1	72
PRAHA/RUZYNE	50 06 N	14 17 E	369	30	966.2	1010.3	8.2	+ 0.4	7.8	+0.5	5	22	- 10	2	94
OSTRAVA/MOSNOV	49 41 N	18 07 E	256	30	979.6	1010.4	9.9	+ 1.9	8.3	+0.8	6	34	- 5	3	109
SLIAC	48 38 N	19 09 E	318	30	973.1	1011.1	10.4	+ 1.9	7.7	+0.2	5	31	- 9	3	75
POPRAD/TATRY	49 04 N	20 15 E	707	30	928.4		8.0	+ 2.4	7.3	+0.6	3	14	- 20	1	85
POPRAD/GANOVCE	49 02 N	20 19 E	706			U									
HUNGARY															
MISKOLC	48 08 N	20 48 E	119	30	996.1	1010.8	12.3	+ 2.3	9.8	+1.7	6	21	- 18	1	111
BUDAPEST/METEOROLOGIA	47 31 N	19 02 E	129	30	995.3	1010.6	13.2	+ 1.6	8.8	+0.5	4	41	- 4	2	99
BUDAPEST/LORINC	47 26 N	19 11 E	139	30	993.7	1010.4	12.9	+ 2.1	8.7	+0.3	7	43	- 1	2	106
DEBRECEN	47 29 N	21 38 E	112	30	997.2	1011.1	12.7	+ 1.9	10.6	+1.8	9	43	+ 8	2	112
PECS	46 00 N	18 14 E	203	30	986.9	1010.9	12.7	+ 2.1	9.4	+0.6	9	34	- 22	1	112
SZEGED	46 15 N	20 06 E	83	30	1001.3	1011.2	13.6	+ 2.4	9.2	0.0	7	29	- 13	2	107
POLAND															
SZCZECIN	53 24 N	14 37 E	3	30	1010.3	1012.1	6.3	- 0.8	7.7	+0.2	10	53	+ 22		
GDANSK-SWIBNO	54 20 N	18 56 E	9	30	1010.6	1011.7	4.7	- 1.1	7.4	+0.4	8	51	+ 19		
POZNAN	52 25 N	16 50 E	92	30	1000.0	1010.3	7.6	+ 0.4	8.4	+1.1	6	41	+ 7		
LEGIONOWO	52 24 N	20 58 E	96			U									
WARSZAWA-OKECIE	52 10 N	20 58 E	107	30	998.2	1011.2	8.9	+ 1.6	8.6	+1.1	4	14	- 18		
BIALYSTOK	53 06 N	23 10 E	151	30	993.9	1012.3	7.6	+ 1.2	7.9	+0.7	6	25	- 14		
WROCLAW II	51 06 N	16 53 E	121	30	995.8	1010.5	8.7	+ 1.1	9.0	+1.4	3	21	- 21		
WROCLAW I	51 08 N	16 59 E	116			U									
KRAKOW/BALICE	50 05 N	19 48 E	237	30	982.0	1010.4	9.8	+ 2.4	8.7	+0.9	8	32	- 13		
PRZEMYSL	49 48 N	22 46 E	280	30	978.2	1011.8	10.6	+ 2.9	8.9	+1.5	6	21	- 20		
GIBRALTAR															
NORTH FRONT	36 09 N	05 21 W		30	1014.4	1014.9	14.7	- 1.9	11.0	-1.7	7	53	- 9	3	101
PORTUGAL															
LAJES /ACORES/	38 45 N	27 05 W	54			U									
HORTA/ACORES	38 31 N	28 38 W	62	30	1014.3	1021.8	14.1	- 1.1	11.9	-1.7	7	41	- 27	2	128
PONTA DELGADA/ACORES	37 45 N	25 40 W	36	30	1017.0	1021.4	14.1	- 1.0	11.8	-1.6	11	66	- 1	4	107
SANTA MARIA /ACORES/	36 58 N	25 10 W	100	30	1009.1	1021.3	14.2	- 1.0	11.5	-2.0	5	39	- 4		
PORTO/SERRA DO PILAR	41 08 N	08 36 W	100	30	1002.5	1014.5	10.1	- 3.5	9.1	-2.1	13	103	+ 17	4	81
LISBOA	38 43 N	09 09 W	95	30	1005.4	1016.8	12.9	- 2.7	9.6	-2.3	7	39	- 15	2	85
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	30	1011.1	1017.8	15.7	- 1.0	11.9	-1.4	6	74	+ 30	4	
SPAIN															
LA CORUNA	43 22 N	08 25 W	67	30	1006.9	1015.0	10.0	- 2.0	8.8	-2.1	15	89	+ 12	3	70
VALLADOLID	41 39 N	04 45 W	696	30	926.9	1013.5	6.8	- 3.1	5.9	-1.4	9	31	- 5	3	90
MADRID/BARAJAS	40 27 N	03 35 W	582			U									
MADRID	40 25 N	03 41 W	667	30	936.3	1013.9	8.8	- 3.4	6.9	-1.2	12	57	+ 9	3	90
BADAJOZ	38 53 N	06 58 W	195	30	993.2	1014.2	10.4	- 4.6	8.9	-1.5	6	36	- 6	3	90
SEVILLA/TABLADA	37 22 N	06 00 W	14	30	1011.9	1013.6	13.4	- 2.6	10.5	-1.8	7	64	+ 12	4	95
ALICANTE	38 22 N	00 30 W	82	30	1002.7	1012.4	14.1	- 1.6	10.0	-1.5	4	24	- 14	2	85
PALMA/SON BONET	39 36 N	02 42 E	45			U									
MENORCA/MAHON	39 52 N	04 14 E	82	30	1001.7	1011.7	12.5	- 1.1	11.3	-0.3	13	62	+ 18	4	80
ITALY															
UDINE/CAMPOFORMIDO	46 02 N	13 11 E	94			U									
VERONA/VILLAFRANCA	45 23 N	10 52 E	68	30	1002	1011	12.3	0.0	12.2	+1.6	16	101	+ 29	3	
UDINE RIVOLTO	45 59 N	13 02 E	53	30	1005	1011	11.6		11.3		11	115			
PISA/S. GIUSTO	43 41 N	10 23 E	1	30	1010	1011	12.2	- 0.9	10.1	-1.3	14	161	+ 95	6	63
NAPOLI/CAPODICHINO	40 51 N	14 18 E	72	30	1004	1013	14.1	+ 0.3	10.3	-1.6	7	33	- 26	2	106
TRIESTE	45 39 N	13 45 E	20	30	1008	1011	12.8	- 0.3	10.7	+0.8	11	94	+ 25	4	70
VENEZIA/TESSERA	45 30 N	12 20 E	6	30	1010	1011	12.4	+ 0.2	11.4	-0.1	11	34	- 36	2	60

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
ITALY															
FALCONARA	43 37 N	13 22 E	10	30	1009	1010	13.0		11.6		6	62			
PESCARA	42 26 N	14 12 E	11	30	1009	1010	12.6	0.0	10.9	-0.3	5	20	- 26	2	101
MARINA DI GINOSA	40 26 N	16 53 E	12	30	1010	1012	13.9	- 0.6	12.8	+1.2	2	5	- 23	1	
BRINDISI	40 39 N	17 57 E	10	30	1011	1012	14.5	+ 0.7	11.0	-1.3	3	19	- 16	2	110
ALGHERO	40 38 N	08 17 E	40	30	1008	1011	14.2	+ 0.8	13.8	+1.6	10	83	+ 42	6	93
CAGLIARI/ELMAS	39 15 N	09 03 E	18	30	1011	1012	13.8	- 0.1	12.9	+0.8	9	42	+ 12	4	89
TRAPANI/BIRGI	37 55 N	12 30 E	14	30	1012	1013	15.4	+ 1.2	12.4	+0.6	4	31	- 3	4	103
CATANIA/FONTANAROSSA	37 28 N	15 03 E	17	30	1011	1013	14.5	+ 0.2	12.3	-0.4	1	4	- 32	1	
MESSINA	38 12 N	15 33 E	51	30	1006	1013	15.5	+ 0.6	12.6	+0.8	6	28	- 24	1	107
MALTA															
LUQA	35 51 N	14 29 E		30	1005.2	1013.8	15.6				3	28	- 8	3	110
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															
CLUJ-NAPOCA	46 47 N	23 34 E	413	30	963.1	1010.6	11.3	+ 1.8	9.6	+1.6	7	45	+ 1		139
BISTRITA	47 09 N	24 31 E	367	30	969.1	1012.7	10.9	+ 1.7	10.5	+2.2	13	91	+ 33	5	
IASI	47 10 N	27 38 E	104	30	1000.8	1013.3	12.5	+ 2.5	8.2	-0.1	6	36	- 1	3	130
TIMISOARA	45 46 N	21 15 E	88	30	1001.6	1012.2	13.6	+ 2.2	10.0	+0.5	9	69	+ 26	5	122
SIBIU	45 48 N	24 09 E	444	30	960.0	1012.0	11.9	+ 2.3	8.9	+0.8	5	28	- 31	2	114
BUCURESTI/IMH	44 30 N	26 08 E	90			U									
BUCURESTI/FILARET	44 25 N	26 06 E	82	30	1002.8	1012.8	14.2	+ 2.5	9.8	+0.7	3	25	- 22	2	
SULINA	45 09 N	29 40 E	9	30	1012.7	1013.8	10.8	+ 1.3	11.1	+1.8	1	4	- 24	1	109
CONSTANTA	44 13 N	28 38 E	14			U									
TURKEY															
RIZE	41 02 N	40 30 E	4		1014.8	1015.4	12.6	+ 1.2	10.8	+0.5	6	57	- 40	2	46
SAMSUN	41 17 N	36 20 E	44		1014.5	1014.9	11.2	0.0			5	25	- 31	1	35
ISTANBUL/GOZTEPE	40 58 N	29 05 E	40		1009.6	1014.2	13.2	+ 1.9	11.1	+0.2	4	31	- 7	2	58
BURSA	40 11 N	29 04 E	100		1001.9	1013.8	14.7	+ 2.1	9.9	0.0	3	37	- 19	2	60
CANAKKALE	40 08 N	26 24 E	3		1013.0	1013.3	14.2	+ 2.1	12.4	+2.4	3	101	+ 65		67
IZMIR	38 26 N	27 10 E	25		1009.0	1012.0	17.8	+ 2.5	11.4	+0.6	3	44	+ 2	3	69
ANTALYA	36 42 N	30 44 E	57		1007.2	1012.1	17.8	+ 1.6	13.0	+0.3	1	10	- 30	1	73
KASTAMONU	41 22 N	33 46 E	799		922.0	1013.7	11.3	+ 1.9	7.2	-0.3	2	5	- 41	0	56
ANKARA/CENTRAL	39 57 N	32 53 E	894		911.1	1012.5	13.4	+ 2.4	7.3	+0.1	4	15	- 22	1	66
SIVAS	39 45 N	37 01 E	1285		870.1	1013.8	10.5	+ 2.2	7.0	+0.3	4	23	- 28	1	61
ERZINCAN	39 44 N	39 30 E	1215		877.6	1012.6	12.8	+ 2.4	7.5	+0.4	9	28	- 20	1	59
ERZURUM	39 55 N	41 16 E	1758		811.4	1013.8	7.9	+ 2.9	6.6	+1.0	9	35	- 5	1	46
MUGLA	37 12 N	28 21 E	646		838.1	1012.2	15.1	+ 2.5	9.6	+1.0	3	18	- 42	2	68
AFYON	38 45 N	30 32 E	1034		896.7	1012.9	12.8	+ 2.4	7.7	+0.4	4	21	- 26	1	68
ISPARTA	37 45 N	30 33 E	997		900.5	1012.8	12.8	+ 2.2	7.8	+0.2	3	13	- 39	1	72
KONYA	37 58 N	32 33 E	1022		897.0	1012.6	13.5	- 2.5	7.9	+0.7	3	40	+ 9	4	66
URFA	37 08 N	38 46 E	547		948.1	1010.4	18.1	+ 2.4	11.6	+2.5	4	19	- 35		65
MALATYA/ERHAC	38 26 N	38 05 E	849		901.9	1013.7	15.1	+ 2.4	8.0	+0.5	1	3	- 50	0	66
DIYARBAKIR	37 53 N	40 11 E	677		935.7	1012.7	15.8	+ 2.0	10.8	+1.6	5	43	- 30	2	65
VAN	38 27 N	43 19 E	1661		825.9	1012.1	9.7	+ 2.7	6.7	+0.2	8	36	- 18		44
USSR															
MOSKVA	55 45 N	37 34 E	156			U									
AFRICA															
MOROCCO															
CASABLANCA	33 34 N	07 40 W	62		1008.9	1015.7	13.8		13.1		6	34		3	100
AGADIR	30 23 N	09 34 W	23		1012.6	1016.0	16.0		13.0		2	26		5	95
MEKNES	33 53 N	05 32 W	549		951.8	1016.0	11.6		11.1		8	75		3	85
MARRAKECH	31 37 N	08 02 W	466		960.8	1015.1	15.4		10.0		2	5		2	115
OUARZAZATE	30 56 N	06 54 W	1140		884.9	1479 Y	16.8		5.3		0	0		1	85
ALGERIA															
ORAN ES SENIA	35 37 N	00 36 W	94		1003.1	1014.0	13.7		10.4		5	19		2	65
ALGER/DAR EL BEIDA	36 43 N	03 15 E	25		1010.0	1013.0	14.0		10.9		6	20		2	60
BEJAIA	36 43 N	05 04 E	3		1013.3	1028.0	14.6		11.5		8	36			
SKIKDA	36 52 N	06 57 E	9		1012.0	1013.1	15.4		12.8		9	55			
ANNABA	36 50 N	07 49 E	4		1012.4	1012.9	14.9		11.9		8	37		2	60
MILIANA	36 18 N	02 14 E	722		931.0	1013.9	11.7		8.7		8	54			55
CONSTANTINE	36 17 N	06 37 E	694		932.6	1012.6	11.6		9.1		6	29			
BORDJ BOU ARRERIDJ	36 04 N	04 46 E	928		908.0		10.7		7.2		1	17			
BISKRA	34 48 N	05 44 E	88		1001.7	1012.0	19.7		7.7		1	1		7	
D JELFA	34 40 N	03 15 E	1178		884.2	1473 Y	10.8		6.4		6	128			
BECHAR	31 37 N	02 14 W	773		919.8	1477 Y	18.5		4.3		1	1		2	90
HASSI-MESSOUD/OUED IRARA	31 40 N	06 09 E	143		994.3	1011.0	21.5		7.1		1	3			
EL GOLEA	30 34 N	02 52 E	398		966.2	1011.6	20.0		6.8		0	T			80
TIMIMOUN	29 15 N	01 07 E	313		974.7	1010.5	22.0		4.8		1	1			80
ADRAR	27 53 N	00 17 W	264		978.3	1010.7	23.0		15.2						75
IN SALAH	27 12 N	02 28 E	293		979.4	1009.9	24.8		6.4		0	T			75

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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															
IN AMENAS	28 03 N	09 38 E	562		947.3	1009.7	24.0		4.6		0	T			65
TAMANRASSET	22 47 N	05 31 E	1378		863.3	1514 Y	25.7		6.8						80
DJANET	24 33 N	09 28 E	1054		887.0	1498 Y	28.3		6.8		0	0			70
SUDAN															
DONGOLA	19 10 N	30 29 E	226	30	982.3	1007.9	26.4	+ 0.6	8.7	+0.4	0	0		5	
PORT SUDAN	19 35 N	37 13 E	2	30	1007.9	1008.2	27.1	- 0.6	24.1	-0.9	0	0		4	
KHARTOUM	15 36 N	32 33 E	380	30	963.2	1004.9	31.0	+ 0.8	5.4	+3.3	0	0		4	
EL OBEID	13 10 N	30 14 E	574	30	942.1	1006.3	30.1	0.0	5.2	+1.3	0	0		4	
DAMAZINE	11 47 N	34 23 E	470	30	952.0	1002.9	33.7	- 1.5	9.5	+3.0	2	10		4	
JUBA	04 52 N	31 36 E	457	30	954.7	1005.3	28.0	+ 0.9	23.6	-0.6	11	101		3	
SENEGAL															
SAINT-LOUIS	16 03 N	16 27 W	4		1010.3	1010.8	23.7		16.7		0	0		4	
DAKAR/YOFF	14 44 N	17 30 W	24		1007.7	1011.1	21.1		19.7		0	0			
DIOURBEL	14 39 N	16 14 W	9		1008.5	1009.5	29.4		15.2		0	0		4	
KAOLACK	14 08 N	16 04 W	7		1009.6	1010.4	30.7		15.5		0	0		5	
ZIGUINCHOR	12 33 N	16 16 W	23				26.9		21.0		0	0		5	
PODOR	16 39 N	14 56 W	7		1009.7	1010.5	31.4		10.9		0	0		5	
LINGUERE	15 23 N	15 07 W	21		1007.0	1009.3	32.1		11.7		0	0		1	
MATAM	15 39 N	13 15 W	17		1007.1	1008.9	34.2		10.4		0	T		5	
TAMBACOUNDA	13 46 N	13 41 W	50		1002.9	1008.5	33.0		12.4		0	T		4	
KOLDA	12 53 N	14 58 W	10				31.4		16.3		0	0		5	
KEDOUGOU	12 34 N	12 13 W	167		988.8	1007.1	33.1		13.7		1	11		4	
MALI															
NARA	15 10 N	07 17 W	265		978.1	1007.0	33.7		9.2		0	T			
TOMBOUCTOU	16 43 N	03 00 W	264		977.1	1005.9	32.8		9.1		0	0		4	80
NIORO DU SAHEL	15 14 N	09 21 W	237		981.2	1007.2	33.0		7.4		1	1		3	
KAYES	14 26 N	11 26 W	47		1002.6	1007.8	34.5		10.1		0	0		1	90
KENIEBA	12 51 N	11 14 W	132		992.7	1010.7	33.5		15.0			1		2	80
KITA	13 04 N	09 28 W	334		970.4	1006.6	33.6		13.4		2	13		4	90
BAMAKO/SENOU	12 32 N	07 57 W	381		964.5	1005.8	32.9		16.6		1	3			
SEGOU	13 24 N	06 09 W	289		974.9	1006.3	33.3		14.6		0	0		2	25
KOUTIALA	12 23 N	05 28 W	367		965.9	1005.9	32.1		17.2		2	230		4	
BOUGOUNI	11 25 N	07 30 W	351		968.7	1006.9	31.1		19.3		5	33		4	80
NIGER															
BILMA	18 41 N	12 55 E	357		956.7	1005.7	32.2		10.3		0	0		5	95
AGADEZ	16 58 N	07 59 E	502		950.9	1004.9	34.3		5.9		0	0		5	95
N GUIGMI	14 15 N	13 07 E	286		973.6	1004.9	33.7		10.0		0	0		5	115
MAINE-SOROA	13 14 N	11 59 E	337		967.9	1005.4	34.2		10.0		0	0		4	110
ZINDER	13 47 N	08 59 E	453		956.0	1004.8	34.1		8.2		0	0		4	110
MAGARIA	12 59 N	08 56 E	403		962.4	1006.2	32.3		12.0		0	0		4	
MARADI	13 28 N	07 05 E	373		964.3	1005.0	33.7		13.7		0	0		3	105
BIRNI-N KONNI	13 48 N	05 15 E	273		974.7	1004.4	34.6		15.5		0	T		3	105
TAHOUA	14 54 N	05 15 E	391		962.5	1004.6	30.5				0	0		3	110
TILLABERY	14 12 N	01 27 E	210		982.4	1005.2	35.6		16.0		2	22		5	100
NIAMEY-AERO	13 29 N	02 10 E	234		980.1	1004.8	35.4		19.2		0	T		2	100
GAYA	11 53 N	03 27 E	203		982.1	1004.2	34.3		24.5		2	23		4	100
SIERRA LEONE															
LUNGI	08 37 N	13 12 W	27	30	1004.6	1007.5	27.5	- 0.4	27.4	-0.9	2	15	- 42		91
NJALA	08 06 N	12 06 W	56	30	1000.2	1006.4	28.7	+ 0.8	26.7	-1.8	6	62	- 61		81
KABALA	09 35 N	11 33 W	464	30	957.8	1009.5	28.4	+ 1.0	23.1	-0.6	4	26	- 74		149
DARU	07 59 N	10 51 W	186	30	987.3	1008.5	26.1	- 1.4	26.8	-1.0	8	105			121
LIBERIA															
ROBERTS FIELD	06 15 N	10 21 W	18	30	1008.5	1009.5	27.0	0.0	30.7	+0.7	12	144	+ 7		
IVORY COAST															
DALOA	06 52 N	06 28 W	276		1008.5	1009.5	27.0		30.7		12	144			
UPPER VOLTA															
DORI	14 02 N	00 02 W	277		975.4	1005.4	27.8		13.5		0	T		4	
OUAHIGOUYA	13 34 N	02 25 W	336		969.3	1005.4	34.4		13.4		1	1		3	
OUAGADOUGOU	12 21 N	01 31 W	306		972.4	1005.6	33.9		16.7		2	10		3	105
FADA N GOURMA	12 02 N	00 22 E	309		972.2	1005.9	33.7		21.8		4	12		2	
BOROMO	11 45 N	02 56 W	271		976.8		33.0		19.0		2	14		2	
BOBO-DIOULASSO	11 10 N	04 19 W	460		957.0	1007.0	30.9		19.9		4	41		3	
GAOUA	10 20 N	03 11 W	335		970.5	1007.2	30.5		24.8		7	53		2	
BENIN															
KANDI	11 08 N	02 56 E	292	30	974.2	1006.1	32.3	+ 1.6	23.2	+1.6	3	26	- 14	3	
NATITINGOU	10 19 N	01 23 E	461	30	957.3	1007.8	28.6	- 0.6	25.7	+2.3	9	163	+ 74	6	
PARAKOU	09 21 N	02 37 E	393	30	964.6	1007.7	29.3	+ 0.5	25.2	+0.1	3	89	- 2	3	
SAVE	07 59 N	02 26 E	200	30	986.1	1008.4	28.2	- 0.1	27.2	+0.2	3	72	- 42	2	
BOHICON	07 10 N	02 04 E	167	30	990.1	1008.8	28.0	- 0.4	30.1	+2.0	8	140	- 4	3	
COTONOU	06 21 N	02 23 E	9	30	1008.1	1009.1	28.8	+ 0.5	31.9	+0.7	6	122	- 15	3	
TOGO															
DAPON	10 52 N	00 15 E	330		970.5	1006.6	31.6		22.4		4	45			

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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															
TOGO															
MANGO	10 22 N	00 28 E	146		990.4	1006.4	31.7		28.4		5	52		3	
SOKODE	08 59 N	01 09 E	387		964.8	1008.2	27.6		26.6		7	102		3	110
ATAKPAME	07 35 N	01 07 E	402		963.8	1008.8	27.3		26.2		4	23		0	
TABLIGBO	06 35 N	01 30 E	44		1004.3	1009.4	28.0		30.0		7	96		2	
LOME	06 10 N	01 15 E	25		1006.6	1009.4	28.5		32.3		4	58		2	115
UNITED REP OF CAMEROON															
DOUALA R.S.	04 01 N	09 42 E	15			U									
CENTRAL AFRICAN REP															
BIRAO	10 17 N	22 47 E	464		954.5	1004.4	30.7		10.6		0	0			
N DELE	08 04 N	20 39 E	511		949.6	1004.9	29.8		19.4		1	5		1	
BRIA	06 32 N	21 59 E	584		943.1	1006.1	27.0		22.6		6	42			
YALINGA	06 30 N	23 16 E	602		940.6	1005.6	26.1		22.9		5	43			
BAMBARI	05 51 N	20 39 E	475		954.8	1006.3	27.9		24.4		6	95			
ALINDAO	05 03 N	21 12 E	449				27.0		25.9		8	89			
BANGASSOU	04 44 N	22 50 E	500		952.5	1007.6	26.2		24.6		4	58		1	
OBO	05 24 N	26 30 E	651		936.6	1006.9	25.3		24.1		7	145			
BOSSANGOA	06 29 N	17 26 E	465		955.0	1005.2	29.4		23.7		4	18		1	118
BOUAR	05 58 N	15 38 E	1020		898.0	1497 Y	24.3		21.0		5	41			
BOSSEMBELE	05 16 N	17 38 E	674		933.7	1005.9	27.1		23.1		5	63			
BERBERATI	04 15 N	15 48 E	583	30	943.5	1007.4	25.5		25.2		11	148			130
BANGUI	04 24 N	18 31 E	366		966.8	1007.2	27.3		26.2		7	81		1	112
KENYA															
MOYALE	03 32 N	39 03 E	1113	30			22.4	- 0.3	22.2	+1.4	12	287	+103	5	
ELDORET	00 32 N	35 17 E	2133	30	789.1	1480 Y	18.1	+ 0.2	13.6		16	138	0	3	84
NAIROBI/KENYATTA AIRPORT	01 19 S	36 55 E	1624	30	838.3	1500 Y	20.2	0.0	15.5	-1.9	16	245	+101		85
GARISSA	00 28 S	39 38 E	147	30	993.4	1010.1	29.5	- 0.6	25.0	-1.1	9	130	+ 76	5	
MALINDI	03 14 S	40 06 E	23	30	1010.6	1007.8	27.1	- 0.4	28.0	-1.7	8	236	+ 87	5	87
UNITED REP OF TANZANIA															
DODOMA	06 10 S	35 46 E	1120		890.2	1518 Y	23.5		18.6		4	24		3	
MTWARA	10 16 S	40 11 E	113		999.1	1012.0	26.5		29.2		11	196		2	
DAR ES SALAAM AIRPORT	06 52 S	39 12 E	55		1006.3	1013.1	26.2		29.5		23	414			
MWANZA	02 28 S	32 55 E	1140		886.2	1500 Y	22.9		21.5						
ETHIOPIA															
ASMARA	15 17 N	38 55 E	2325	30	770.9		14.1		11.2		8	37			97
GONDAR	12 32 N	37 26 E	1966	30	803.4		21.6		8.2		4	23			
COMBOLCHA	11 05 N	39 43 E	1916	30	814.7		19.9		14.6		13	137			93
DIRE DAWA	09 36 N	41 52 E	1146	30	884.2		24.9		18.4		13	214			78
GORE	08 10 N	35 33 E	1974	25			20.1		13.1		6	83			97
JIMMA	07 40 N	36 50 E	1577	30	829.7		20.0		16.1		14	117			70
NEGHELLI	05 17 N	39 45 E	1455	30	845.0		18.9		18.6		19	382			
ZIMBABWE															
BULAWAYO/GOETZ OBS	20 09 S	28 37 E	1344	30	869.3	1535 Y	18.8	- 0.1	14.5	+1.6	9	211	+190	6	69
HARARE (BELVEDERE)	17 50 S	31 01 E	1472			U									
HARARE/KUTSAGA OBS	17 55 S	31 08 E	1480	30	855.6	1532 Y	18.1	- 0.6	15.3	+1.7	8	88	+ 52	5	82
CHIPINGA	20 12 S	32 37 E	1132	30	891.5	1538 Y	18.5	- 0.1	17.7	+1.7	10	156	+106	6	77
ZAMBIA															
KASAMA	10 13 S	31 08 E	1384		863.1	1513 Y	20.2		18.4		6	51		3	100
KABWE	14 27 S	28 29 E	1207		881.6	1519 Y	20.1		18.3		8	138		6	80
LUSAKA CITY AIRPORT	15 25 S	28 19 E	1280			U									
MONGU	15 15 S	23 10 E	1053		897.2	1518 Y			18.5		6	46		4	100
LIVINGSTONE	17 49 S	25 49 E	987		904.7	1502 Y	21.1		18.3		7	78		5	90
MALAWI															
KAMUZU INT.AP	13 47 S	33 46 E	1229	30	880.4	1523 Y	19.5		19.1		6	37			
CHILEKA	15 41 S	34 58 E	767	30	926.2	1516 Y	22.3	+ 0.3	18.7		11	60	- 34		68
SEYCHELLES															
SEYCHELLES INTERNATIONAL AP	04 41 S	55 32 E	4			U									
OCEAN ISLANDS															
ST. HELENA IS	15 56 S	05 40 W	436		964.8	1015.0	20.7		20.4		9	33			
AGALEGA/MAURITIUS	10 26 S	56 45 E	3		1010.4	1010.7	27.8	+ 0.3	30.0	-0.3	12	119	- 41	3	
ILES GLORIEUSES	11 35 S	47 17 E	3		1012.5	1013.0	28.1		28.6		9	37			
SERGE-FROLOW/ILE TROMELIN	15 53 S	54 31 E	13		1011.1	1012.5	27.2		29.1		15	117			
ST. BRANDON/ST. RAPHAEL/	16 27 S	59 37 E	4		1012.5	1012.8	26.9	- 0.4	29.3	+0.6	11	33	- 63	1	
ILE JUAN DE NOVA	17 03 S	42 42 E	10		1011.3	1012.5	28.3		29.1		2	23			
RODRIGUES/MAURITIUS	19 41 S	63 25 E	59		1008.8	1015.1	25.7	0.0	25.1	-0.4	6	29	-100	1	105
VACOAS/MAURITIUS	20 18 S	57 30 E	425			U									
PLAISANCE/MAURITIUS	20 26 S	57 40 E	57		1008.5	1014.8	24.8	+ 0.2	25.7	-0.1	11	114	-101	1	106
ST. DENIS/GILLOT, REUNION	20 53 S	55 31 E	25		1012.0	1014.9	24.9		24.4		9	191		4	95
ILE EUROPA	22 19 S	40 20 E	13		1013.3	1014.8	26.2		26.0		1	2		1	95
MARTIN DE VIVIES (ILE AMSTER	37 48 S	77 32 E	29		1018.4	1021.9	15.0		12.8		10	107			
ALFRED FAURE (ILES CROZET)	46 26 S	51 52 E	142		995.3	1012.7	7.0		8.6		21	218			
PORT-AUX-FRANCAIS/KERGUELEN	49 21 S	70 15 E	30		1000.6	1004.2	6.4		7.7		15	141			

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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															
SOUTH AFRICA															
UPINGTON	28 24 S	21 16 E	800	30	924.8	1528 Y	21.6	+ 1.9	9.6	0.0	1	3	- 18	1	104
PIETERSBURG	23 52 S	29 27 E	1200	30	884.9	1540 Y	18.3	+ 0.6	14.5	+0.2	8	45	+ 12	5	75
PRETORIA	25 44 S	28 11 E	1300	30	874.5	1543 Y	19.1	+ 1.6	13.6	-0.7	8	40	- 19	4	86
PRETORIA/IRENE	25 55 S	28 13 E	1500			U									
JAN SMUTS	26 08 S	28 14 E	1700	30	834.5	1545 Y	16.8	+ 1.8	12.1	+1.0	5	37	- 20	5	86
BLOEMFONTEIN/J.B.M. HERTZOG	29 06 S	26 18 E	1400	30	863.8	1538 Y	17.7	+ 3.1	10.0	-0.5	3	19	- 37	2	99
KIMBERLEY	28 48 S	24 46 E	1200	30	883.7	1532 Y	19.4	+ 2.1	9.3	-2.2	1	9	- 41	1	106
ALEXANDER BAY	28 34 S	16 32 E		30	1012.1	1014.8	16.8	0.0	15.0	+1.2	0	0	- 3	1	99
CAPE TOWN/D.B.MALAN	33 58 S	18 36 E		30	1010.0	1015.8	17.3	+ 0.6	15.1	+0.8	5	32	- 18	2	100
PORT ELIZABETH	33 59 S	25 36 E		30	1008.7	1016.0	18.9	+ 0.9	17.3	+1.7	2	27	- 25	5	88
EAST LONDON	33 02 S	27 50 E		30	1001.4	1016.4	19.2	+ 0.5	18.8	+2.1	10	74	- 8	4	83
DURBAN/LOUIS BOTHA	29 58 S	30 57 E		30	1014.8	1016.4	22.7	+ 1.5	21.9	+1.8	7	120	+ 24	4	79
GOUGH ISLAND	40 21 S	09 53 W		30	1007.2	1013.6	11.8	+ 0.9	11.3	-0.5	22	345	+ 69		81
MARION ISLAND	46 53 S	37 52 E		30	1003.5	1006.2	7.8	+ 1.9	8.7	+0.9	19	229	+ 8		152
ASIA															
USSR-EASTERN															
OLENEK	68 30 N	112 26 E	127			U									
VERHOJANSK	67 33 N	133 23 E	137			U									
CITA	52 01 N	113 20 E	685			U									
HONG KONG															
ROYAL OBSERVATORY	22 18 N	114 10 E	62	30	1006.5	1013.8	22.6	+ 0.5	23.3	+0.9	4	116	- 23	3	87
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		974.3	1013.8	7.4		6.1		8	46		4	
HYESAN	41 24 N	128 10 E	714		928.8	1014.8	4.9		5.6		6	27			
KIMCHAEK	40 40 N	129 12 E	23		1011.1	1014.0	6.5		6.6		3	12			
SINUIJU	40 06 N	124 23 E	7		1011.5	1015.8	8.9		7.1		6	13		3	
WONSAN	39 11 N	127 26 E	36		1011.0	1014.4	10.7		6.9		4	58		4	
PYONGYANG	39 02 N	125 47 E	38		1012.1	1016.7	10.2		6.8		5	29		3	
HAEJU	38 02 N	125 42 E	81		1006.4	1016.2	10.5		7.1		2	10		0	
REPUBLIC OF KOREA															
KANGNUNG	37 45 N	128 54 E	27	30	1011.8	1015.8	12.4	+ 0.7	7.0	-1.4	4	62	- 19	3	120
INCHON	37 29 N	126 38 E	70	30	1007.7	1016.2	10.6	+ 0.4	7.9	-0.8	3	9	- 88	1	119
PUSAN	35 06 N	129 02 E	71	30	1007.6	1015.5	13.6	+ 0.9	9.7	-0.3	9	95	- 57	1	121
MOKPO	34 47 N	126 23 E	56	30	1010.4	1017.2	12.4	+ 0.6	9.6	-0.7	5	39	- 69	1	118
JAPAN															
TATENO	36 03 N	140 08 E	31			U									
HACHIJOJIMA/OMURE	33 07 N	139 47 E	153			U									
KAGOSHIMA/YOSHINO	31 38 N	130 35 E	283			U									
NAZE/FUNCHATOGE	28 23 N	129 33 E	295			U									
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	30	1005.7	1010.5	19.8		14.0		3	24		5	98
JERUSALEM	31 47 N	35 13 E	809	30	926.4	1482 Y	16.9		9.7		3	47		5	78
EILAT	29 33 N	34 57 E	13	30	1008.3	1009.7	25.0		11.0		3	9		5	101
JORDAN															
H-4 'IRWAISHED'	32 30 N	38 12 E	688	30	933.4	1009.3	19.6	+ 1.7	9.7	+2.1	3	24	+ 14	5	89
MAFRAQ	32 22 N	36 15 E	687			U									
AMMAN AIRPORT	31 59 N	35 59 E	768	30	922.9	1010.1	18.6	+ 2.4	9.6	+0.7	1	3	- 10	2	79
MA'AN	30 10 N	35 47 E	1070	30	892.2	1513 Y	17.9	+ 1.1	8.6	+1.3	1	8	+ 5	4	83
KUWAIT															
KUWAIT INTL AIRPORT	29 13 N	47 59 E	55	30	1004.7	1011.3	25.1	+ 0.2	14.6	+2.5	4	17	+ 14		92
SAUDI ARABIA															
WEJH	26 12 N	36 28 E	21		1006.5	1008.7	25.2		18.5		0	0			
YENBO	24 09 N	38 07 E	8		1007.1	1007.8	26.9		18.7		1	92			
JEDDAH (KING ABDULAZIZ) AP	21 40 N	39 09 E	18		1005.7	1006.5	27.4		19.8			0			
MAKKAH	21 29 N	39 50 E	310		981.3	1015.6	30.0		18.8			2		0	
RAFHA	29 38 N	43 29 E	447		959.7	1009.6	24.5		12.7		5	48			
AL-JOUF	29 48 N	40 04 E	559		933.8	1010.6	21.1		8.9		5	38			
GIZAN	16 54 N	42 35 E	3		1006.1	1006.4	30.6		27.7		1	10			
ARAR	30 54 N	41 08 E	552		947.9	1009.7	21.9		7.5		3	7			
TABOUK	28 22 N	36 35 E	776		924.2	1009.6	22.7		9.1		1	13			
TURAIF	31 41 N	38 40 E	818		919.1	1487 Y	19.8		8.3		4	11			
GURIAT	31 25 N	37 16 E	504		952.9	1009.8	20.9		6.9		8	17			
HAIL	27 26 N	41 41 E	1001		999.2	1011.1	19.9		9.4		5	58			
MADINAH	24 33 N	39 42 E	636		937.6	1007.3	26.2		10.0		4	19			
TAIF	21 29 N	40 33 E	1454		854.1	1492 Y	20.8		11.7		7	28			
KHAMIS MUSHAIT	18 18 N	42 48 E	2057		796.8	1008.0	16.8		12.7		6	203			
ABHA	18 14 N	42 39 E	2093		792.5	1488 Y	16.2		12.4		9	72			
BISHA	19 59 N	42 37 E	1163		882.9	1492 Y	23.8		12.5		8	21			

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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		%
ASIA															
SAUDI ARABIA															
AL BAHA	20 18 N	41 38 E	1662		835.5	1511 Y	20.0		11.4		11	18			
SULAYEL	20 28 N	45 37 E	614		941.4		28.6		12.4		4	17			
RIYADH	24 43 N	46 43 E	611		941.5	1008.2	22.8		12.7		9	104			
KING KHALED INT AP	24 56 N	46 43 E	612		942.4	1010.6	23.4		13.8		18	97			
QAISUMAH	28 20 N	46 07 E	360		969.1	1009.1	24.1		13.4		6	82			
DHAHRAN	26 16 N	50 10 E	17		1007.4	1009.4	32.0		18.2		2	10			
NEJRAN	17 37 N	44 26 E	1210		878.7	1498 Y	24.3		13.8		16	46			
OMAN															
SUR	22 35 N	59 30 E	6		1009.2	1009.9	29.4		23.8		2	5			
SEEB INTERNATIONAL AP	23 35 N	58 17 E			1007.8	1009.4	30.1		19.0		3	6			
MASIRAH	20 40 N	58 54 E			1007.6	1009.8	29.0	+ 0.7	24.2		1	2			
SALALAH	17 02 N	54 05 E	22		1007.4	1010.1	28.2	+ 1.0	26.2		0	0		3	
THUMRAIT	17 44 N	53 56 E			959.9		28.5		14.2		1	3			
BAHRAIN															
BAHRAIN MUHARRAQ	26 16 N	50 37 E	2	30	1010.5	1010.7	25.4	- 0.2	21.6	+1.2	4	11	+ 5	5	
UNITED ARAB EMIRATES															
ABU DHABI BATEEN AP	24 26 N	54 28 E	3	30	1009.3	1009.8	26.8	+ 0.4	19.7	+1.0	1	2	- 4	4	87
ABU DHABI INT AIRPORT	24 26 N	54 39 E	27	30	1006.7	1009.5	26.8		17.7		1	2			
DEMOCRATIC YEMEN															
ADEN KHORMAKSAR	25 50 N	45 02 E	3		1009.0	1009.3	29.0		30.5		0	T			
QATAR															
DOHA INTERNATIONAL AP	25 15 N	51 34 E	10		1008.9	1009.8	26.3		18.6		4	33			
AFGHANISTAN															
MAZARI-SHARIF	36 42 N	67 12 E	378	30	971.9	1016.0	18.3	+ 0.4	11.8	-0.7	5	20	- 8	2	111
KABUL-AIRPORT	34 33 N	69 13 E	1791	30	819.8	1493 Y	13.8	+ 1.0	7.1	-1.2	4	26	- 46	1	125
KANDAHAR-AIRPORT	31 30 N	65 51 E	1010	30	898.4	1010.0	21.0	+ 0.8	11.0	+2.0	2	5	- 14	2	111
CHAKHCHARAN	34 32 N	65 16 E	2230	30	776.0	1468 Y	8.3	- 1.0	6.0	0.0	8	37	+ 2	3	125
PAKISTAN															
PARACHINAR	33 52 N	70 05 E	1726	30	825.5	1476 Y	15.1	- 0.2	7.9	-0.4	10	93	- 11		
PESHAWAR	34 01 N	71 35 E	360	30	966.7	1007.0	22.7	- 0.2	14.5	+1.8	6	33	- 9	3	109
ZHOB	31 21 N	69 28 E	1407	30	855.5	1460 Y	20.2	+ 0.3	7.4	-0.1	4	23	+ 18	3	
DERA ISMAIL KHAN	31 49 N	70 55 E	173	30	986.3	1005.5	24.9	- 1.4	14.7	-0.6	4	33	+ 13	4	
SARGODHA	32 03 N	72 40 E	188			U									
JHELUM	32 56 N	73 43 E	234	30	980.1	1006.3	24.0	- 1.7	16.1		4	45			
LAHORE CITY	31 33 N	74 20 E	215	30	981.8	1005.9	26.5	- 0.1	14.1	+0.8	2	15		4	101
QUETTA AIRPORT	30 15 N	66 53 E	1589	30	837.7	1464 Y	17.5	+ 1.6	7.4	-1.9	0	0		1	103
MULTAN	30 12 N	71 26 E	123	30	991.7	1005.7	27.3	- 1.1	13.9	-1.0	2	7	- 6	4	
JACOBADAD	28 18 N	68 28 E	56	30	998.4	1004.5	30.3	+ 0.4	12.9	-0.9	1	2	. 0	4	83
PANJGUR	26 58 N	64 06 E	981	30	900.9	1486 Y	24.6	+ 2.4	14.1	+3.0	0	0	- 8	2	
CHHOR	25 31 N	69 47 E	6	30	1004.1	1004.7			15.9		0	0			
JIWANI	25 04 N	61 48 E	57	30	1007.1	1008.2			23.4		0	0			
HYDERABAD	25 23 N	68 25 E	30	30	1001.8	1005.2	31.6	+ 0.8	20.6	+4.8	2	21	+ 19	6	
KARACHI AIRPORT	24 54 N	67 08 E	22	30	1004.3	1006.8	28.3	+ 0.3	24.1	+2.2	0	0	- 2	4	87
BANGLADESH															
CHITTAGONG AMBAGAN	22 21 N	91 49 E	14			U									
INDIA															
SRINAGAR	34 05 N	74 50 E	1587	30	841.6	1501 Y	12.5	- 0.9	10.2	+0.2	16	200	+122	5	86
AMRITSAR	31 38 N	74 52 E	234	30	979.9	1006.1	23.9	- 1.3	15.3	+3.0	5	36	+ 28		96
MUKTESWAR KUMAON	29 28 N	79 39 E	2311	30	771.8	3128 Z	14.3	- 1.2	8.3	+1.8	6	64	+ 30	5	
BIKANER	28 00 N	73 18 E	224	30	981.0	1005.8	30.4	+ 0.8	10.9	+1.9	0	0	- 5	3	
NEW DELHI/SAFDARJUNG	28 35 N	77 12 E	216	30	980.9	1004.9	28.5	- 0.6	14.3	+4.0	1	6	- 1	4	105
AGRA	27 10 N	78 02 E	169	30	985.9	1004.5	30.5	+ 0.8	13.5	+2.4	0	0	- 5	3	
DARJEELING	27 03 N	88 16 E	2128	30	788.4	1488 Y	13.6	- 0.7	11.8	+0.4	12	79	- 30	3	
DIBRUGARH/MOHANBARI	27 29 N	95 01 E	111	30	996.7	1009.1	22.4	- 0.9	21.5	-0.4	18	285	+ 81	5	
JODHPUR	26 18 N	73 01 E	224	30	980.7	1004.5	31.6	+ 1.3	8.8	-1.0	0	0	- 2	0	
LUCKNOW/AMAUSI	26 45 N	80 53 E	128			U									
DARBHANGA	26 10 N	85 54 E	49	30	1000.1	1005.7			19.7	+1.7	3	16	- 4	3	
GAUHATI	26 06 N	91 35 E	54	30	1001.6	1007.6	24.9	- 0.6	22.1	0.0	19	216	+ 45	4	
KOTA AERODROME	25 09 N	75 51 E	274	30	974.0	1005.0	33.2	+ 1.8	9.7	+1.1	0	0	- 1		
ALLAHABAD/BAMHRAULI	25 27 N	81 44 E	98	30	993.7	1004.5	30.7	0.0	13.6	+2.9	0	0	- 5	2	
CHERRAPUNJI	25 15 N	91 44 E	1313	30	867.5	1487 Y	17.3	- 1.3	16.7	-0.5	23	1411	+806	5	
DALTONGANJ	24 03 N	84 04 E	221	30	978.9	1004.2	30.7	+ 1.0	12.5	-0.4	3	11	+ 2	4	
SAGAR	23 51 N	78 45 E	551	30	944.7	1004.1	31.3	+ 1.0	9.2	-0.3	0	0	- 4	2	
DWARKA	22 22 N	69 05 E	11	30	1006.7	1008.1	27.7	+ 0.5	30.1	+2.3	0	0	0	5	
INDORE	22 43 N	75 48 E	567	30	944.0	1004.9	30.1	+ 1.0	9.1	-1.3	0	0	- 3	2	
CALCUTTA/ALIPORE	22 32 N	88 20 E	6	30	1005.4	1006.2	29.8	- 0.3	29.2	+1.7	6	45	+ 2	4	80
CALCUTTA/DUM DUM	22 39 N	88 27 E	6			U									
NAGPUR/SONEGAON	21 06 N	79 03 E	310	30	970.9	1004.3	32.5	+ 0.7	13.0	-1.8	0	0	- 20	1	106
VERAVAL	20 54 N	70 22 E	8	30	1006.7	1007.5	28.3	+ 1.6	28.7	+2.0	0	0	- 5	5	
BHUBANESWAR	20 15 N	85 50 E	46	30	1001.3	1006.5	30.0	- 1.5	29.0	+1.5	3	59	+ 39		
BOMBAY/SANTACRUZ	19 07 N	72 51 E	14			U									
JAGDALPUR	19 05 N	82 02 E	553	30	946.1	1005.7	29.9	+ 0.4	17.7	+0.6	6	51	0	3	
BOMBAY/COLABA	18 54 N	72 49 E	11	30	1006.7	1007.9	28.9	+ 0.2	28.6	+1.0	0	0	- 3	4	99

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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		%
ASIA															
INDIA															
POONA	18 32 N	73 51 E	559	30	945.7	1006.3	28.7	+ 0.3	14.2	0.0	0	0	- 18	1	110
HYDERABAD AIRPORT	17 27 N	78 28 E	545	30	946.7	1005.3	31.7	+ 1.4	18.8	-0.4	3	52	+ 29	5	100
VISHAKHAPATNAM	17 43 N	83 14 E	3	30	1007.2	1007.6	30.3	- 0.3	28.5	-5.0	3	27	+ 14	5	
MACHILIPATNAM (FRANCHPET)	16 12 N	81 09 E	3	30	1007.4	1007.7	29.5	- 0.4	30.4	-0.1	2	17	- 1	4	
GOA/PANJIM	15 29 N	73 49 E	60	30	1001.3	1008.0	29.3	+ 0.1	29.1		0	1	- 17	2	
BELGAUM/SAMBRA	15 51 N	74 37 E	747	30	925.7	1006.1	28.9	+ 1.0	19.7	+0.6	1	30	- 16		
MADRAS/MINAMBAKKAM	13 00 N	80 11 E	16	30	1006.3	1008.0	30.2	- 0.3	30.0	-0.3	0	0	- 25	1	108
PANAMBUR	12 57 N	74 50 E	31			U									
BANGALORE	12 58 N	77 35 E	921	30	907.9	1503 Y	28.7	+ 1.4	17.1	-0.5	2	8	- 38	2	106
KOZHIKODE	11 15 N	75 47 E	5	30	1007.7	1008.3	30.0	+ 0.7	31.5	+0.4	3	39	- 72	2	
PORT BLAIR	11 40 N	92 43 E	79	30	1000.6	1009.5	28.3	- 0.3	30.4	+0.7	0	0	- 65		100
COCHIN/WILLINGDON	09 57 N	76 16 E	3			U									
PAMBAN	09 16 N	79 18 E	11	30	1006.7	1007.9	31.0	+ 1.5	31.5	-0.5	1	25	- 43	2	
MINICOY	08 18 N	73 09 E	2	30	1008.2	1008.4	30.2	+ 1.5	30.7	-0.1	2	13	- 39	2	
TRIVANDRUM	08 29 N	76 57 E	64	30	1001.1	1008.3	29.4	+ 1.1	31.5	+1.8	12	185	+ 63	5	103
SRI LANKA															
MANNAR	08 59 N	79 55 E	3		1007.9	1008.3	29.4	+ 0.4			7	25	- 63	2	
TRINCOMALEE	08 35 N	81 15 E	7		999.7	1008.5	29.1	+ 0.6	32.6	+3.4	4	102	+ 25	4	
COLOMBO	06 54 N	79 52 E	7		1008.1	1008.9	28.2	+ 0.5	31.7	+1.9	16	217	- 43	3	
HAMBANTOTA	06 07 N	81 08 E	20		1006.9	1008.5	27.8	0.0	29.2	-0.9	6	54	- 55	2	
MONGOLIA															
ULAN-GOM	49 48 N	92 05 E	936		911.0	1022.9	1.4		3.9						
ULGI	48 58 N	89 58 E	1714		823.6	1015.0	- 3.2		0.7		4	8			
MUREN	49 38 N	100 10 E	1288		869.0	1018.2	0.6		3.3		4	25			
BULGAN	48 48 N	103 33 E	1210		874.6	1018.8	- 4.9		3.1		6	19			
CHOIBALSAN	48 04 N	114 30 E	756		924.0	1017.1	1.2		7.2		2	9			
ALTAI	46 24 N	96 15 E	2147		779.5	1017.4	- 2.6		2.9		3	12			
ULIASTAI	47 45 N	96 51 E	1753		819.8	1016.2	- 1.0				1	14			
ARBAIHER	46 16 N	102 47 E	1813		812.3	1014.5	0.6		3.4		0	1			
ULAN-BATOR	47 56 N	106 59 E	1338		865.0	1017.6	- 1.5		3.3		2	13			
MANDALGOVI	45 46 N	106 17 E	1398		856.6	1017.0	2.0		2.7		0	0			
SAINSHAND	44 54 N	110 07 E	936		904.5	1011.8	5.4		3.8		0	T			
DALANZADGAD	43 35 N	104 25 E	1470		850.0	1016.0	4.5				1	1			
NEPAL															
KATHMANDU AP	27 42 N	85 22 E	1337		863.6	1474 Y	18.9		15.2		11	93			
DHANKUTA	26 59 N	87 21 E	1445		852.9	1475 Y	18.9		14.4		14	42			
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	30	1008.4	1008.8	27.7	+ 0.1	31.7	+0.8	13	197	- 2	3	90
KOTA BHARU	06 10 N	102 17 E	5	30	1008.4	1009.0	28.2	+ 0.5	29.6	-0.3	4	17	- 75	1	100
KUALA LUMPUR/SUBANG	03 07 N	101 33 E	17	30	1006.3	1008.8	26.7	- 0.2	30.2	+0.1	21	475	+172	6	90
KUALA LUMPUR/PETALING JAYA	03 06 N	101 39 E	57			U									
KUANTAN	03 47 N	103 13 E	16	30	1007.6	1009.4	26.7	+ 0.2	30.2	+0.4	13	157	- 9	3	90
MALACCA	02 16 N	102 15 E	9	30	1008.0	1009.1	27.1	+ 0.3	30.7	+0.3	16	245	+ 59	4	100
KUCHING	01 29 N	110 20 E	27	30	1007.0	1009.6	26.3	+ 0.2	29.6	+0.6	15	136	-148	1	100
KOTA KINABALU	05 56 N	116 03 E	7	30	1008.2	1008.5	27.9	+ 1.0	30.2	+0.9	9	50	- 68	2	100
SINGAPORE															
SINGAPORE/CHANGI AIRPORT	01 22 N	103 59 E	16	30	1007.1	1008.9	27.4		30.9		13	150		2	105
CHINA															
HAILAR	49 13 N	119 45 E	611		936.4	1010.4	0.8		2.8		1	3		1	110
QIQIHAR	47 23 N	123 55 E	148		991.2	1009.2	5.2		3.7		2	4		2	105
ALTAY	47 44 N	88 05 E	737		934.6	1022.3	6.1		4.5		5	12		3	105
URUMQI	43 47 N	87 37 E	919		914.8	1021.9	8.5		4.7		4	24		3	110
YINING	43 57 N	81 20 E	663		943.2	1020.9	12.0		6.5		3	23		3	105
YANJI	42 53 N	129 28 E	178		991.0	1012.8	6.7		5.2		5	21		3	105
HAMI	42 49 N	93 31 E	739		930.6	1016.1	12.0		3.4		1	2		4	95
SHENYANG	41 46 N	123 26 E	43		1008.9	1014.2	9.7		6.1		7	86		6	95
BEIJING	39 56 N	116 17 E	55		1007.4	1014.0	15.0		6.0		0	T		1	110
JIUQUAN	39 46 N	98 29 E	1478		852.7	1018.2	8.2		3.1		0	T		2	110
KASHI	39 28 N	75 59 E	1291		870.9	1013.1	15.3		5.8		1	2		4	110
RUOQIANG	39 02 N	88 10 E	889			1014.6	14.4		2.9		0	0		3	130
YINCHUAN	38 29 N	106 13 E	1112		889.8	1016.3	10.1		4.8		1	3		2	105
TAIYUAN	37 47 N	112 33 E	779		926.3	1016.6	11.5		5.3		5	7		2	95
HOTAN	37 08 N	79 56 E	1375		861.2	1011.4	15.9		4.2		0	0		3	100
DULAN	36 18 N	98 06 E	3192		690.7		2.5		2.1		1	16		5	105
QINGDAO	36 04 N	120 20 E	77		1007.6	1017.0	10.8		8.1		1	4		1	105
LANZHOU	36 03 N	103 53 E	1518		847.4		11.5		5.1		1	1		0	70
ZHENGZHOU	34 43 N	113 39 E	111		1002.0	1015.2	15.9		9.9		4	11		1	105
XI'AN	34 18 N	108 56 E	398		969.1	1016.0	14.4		10.3		6	34		2	70
QAMDO	31 09 N	96 10 E	3307		680.5		7.0		4.9		9	39		6	110
SHANGHAI	31 10 N	121 26 E	5		1016.1	1016.9	13.8		12.1		12	107		4	70

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		%
ASIA															
CHINA															
YICHANG	30 42 N	111 18 E	134		999.7	1015.7	16.8		14.1		10	82		2	75
CHENGDU	30 40 N	104 01 E	508		956.3	1015.2	15.6		13.9		5	24		1	95
LHASA	29 40 N	91 08 E	3650		651.4		7.3		3.6		1	4		3	90
NANCHANG	28 36 N	115 55 E	50		1009.0	1014.5	17.0		9.8		19	293		5	70
XICHANG	27 54 N	102 16 E	1599		835.4		19.3		9.2		6	51		5	100
ZHIJIANG	27 27 N	109 41 E	273		982.3	1014.3	16.6		15.7		12	70		1	70
GANZHOU	25 51 N	114 57 E	125		999.1	1013.7	20.6		19.6		10	119		1	70
TENGCHONG	25 07 N	98 29 E	1649		834.6		15.5		12.4		18	108		5	75
KUNMING	25 01 N	102 41 E	1892		810.5		16.3		10.7		6	38		4	80
SHANTOU	23 24 N	116 41 E	3		1013.7	1014.6	20.9		20.1		4	166		4	90
GUANGZHOU	23 08 N	113 19 E	8		1012.4	1013.3	23.3		24.0		11	73		1	55
NANNING	22 49 N	108 21 E	73		1002.7	1011.2	23.2		24.3		11	269		5	80
MENGZI	23 23 N	103 23 E	1302		868.0	1008.3	20.6		15.5		15	124		5	95
HAIKOU	20 02 N	110 21 E	15		1009.9	1011.6	25.6		27.5		4	217		5	125
PHILIPPINES															
BASCO	20 27 N	121 58 E	11	30	1010.2	1011.4	27.9	+ 1.8	31.7	+3.6	4	48	- 34	3	
APARRI	18 22 N	121 38 E	4	30	1011.3	1011.6	27.7	+ 0.6	31.7	+3.6	1	1	- 30	1	
DAGUPAN	16 03 N	120 20 E	2	30	1010.6	1010.8	30.0	+ 1.1	28.1	0.0	0	0	- 72	1	
MANILA INT. AIRPORT	14 31 N	121 00 E	15	30	1010.5	1011.7	28.4	- 0.5	26.4	0.0	5	20	+ 4	5	
DAET	14 08 N	122 59 E	4	30	1011.1	1011.6	27.9	+ 0.7	29.8	0.0	15	280	+150	5	
CALAPAN	13 25 N	121 11 E	40	30	1006.1	1010.7	28.3	+ 0.7			10	45	- 44		
LEGASPI	13 08 N	123 44 E	17	30	1008.9	1010.8	27.7	+ 0.6	29.8	0.0	20	330	+170	5	
ROMBLON	12 35 N	122 16 E	47	30	1005.6	1011.0	29.9	+ 2.1	31.7	+3.6	7	48	- 27		
CATARMAN	12 29 N	124 38 E	6	30	1007.9	1008.6	28.0	+ 1.5			20	446	+288		
CATBALOGAN	11 47 N	124 53 E	5	30	1008.9	1009.5	27.6	+ 0.2			16	362	+254	6	
TACLOBAN	11 15 N	125 00 E	21	30	1009.8	1010.1	27.1	+ 0.1	29.8	+1.7	18	294	+167	5	
ILOILO	10 42 N	122 34 E	8	30	1010.4	1011.3	29.1	+ 1.0	29.8	+1.7	4	49	+ 4	4	
MACTAN	10 18 N	123 58 E	9	30	1009.0	1010.4	28.6	- 0.2	29.8	0.0	9	56	+ 24		
SURIGAO	09 48 N	125 30 E	10	30	1003.9	1010.2	27.0	+ 0.2	31.7	+1.9	23	566	+323	6	
DIPLOG	08 36 N	123 21 E	5	30	1009.0	1009.6	28.3	+ 0.3			5	16	- 74	1	
TAGBILARAN	09 36 N	123 51 E	6	30	1012.4	1013.1	27.7	+ 0.3			10	49	- 17		
CAGAYAN DE ORO	08 29 N	124 38 E	6	30	1007.6	1008.3	27.0	- 0.6	31.7	+3.6	4	22	- 10		
DAVAO AIRPORT	07 07 N	125 39 E	25	30	1007.3	1009.3	28.3	+ 0.7	29.8	0.0	6	40	-103		
ZAMBOANGA	06 54 N	122 04 E	6	30	1008.8	1009.5	28.8	+ 1.4	29.8	+1.7	8	17	- 37	1	
AUSTRALASIA															
NEW ZEALAND															
AUCKLAND AERODROME	37 01 S	174 48 E	6		1019.4	1020.2	16.4		15.4		8	51		1	100
GISBORNE AERODROME	38 40 S	177 59 E	8		1017.2	1018.2	14.7		12.6		6	13		1	125
NEW PLYMOUTH AERODROME	39 01 S	174 11 E	36		1015.5	1019.3	14.7		14.2		9	50		1	105
WELLINGTON	41 17 S	174 46 E	128		1000.8	1016.3	14.6		13.2		5	32		1	132
CHRISTCHURCH AERODROME	43 29 S	172 33 E	34		1010.3	1014.6	13.6		11.8		2	15		1	152
HOKITIKA AERODROME	42 43 S	170 59 E	40		1012.4	1017.8	12.9		12.8		19	301		5	90
INVERCARGILL AERODROME	46 25 S	168 20 E	1		1011.5	1011.7	12.1		11.0		20	165		5	108
NORTH PACIFIC															
LIHUE, KAUAI, HAWAII	21 59 N	159 21 W	45	30	1012.5	1017.8	24.1	+ 1.1	23.0		13	50	- 34	2	100
HONOLULU, OAHU, HAWAII	21 20 N	157 56 W	5	30	1016.3	1016.8	25.3	+ 1.0	20.5		2	9	- 29	2	106
HILO/GEN. LYMAN, HAWAII	19 43 N	155 04 W	11	30	1016.3	1017.4	23.1	+ 0.7	22.2		28	1098	+766	6	68
WAKE ISLAND	19 17 N	166 39 E	4	30	1013.9	1014.3	26.2	+ 0.5	23.1		5	22	- 31	1	115
GUAM, TAGUAC, MARIANA IS.	13 33 N	144 50 E	111	30	998.3	1011.1	26.4	+ 0.2	27.7		18	212	+107	5	15
YAP, CAROLINE ISLANDS	09 29 N	138 05 E	17	30	1007.3	1009.2	27.3	- 0.3	30.5		18	176	+ 10	4	80
KWAJALEIN, MARSHALL IS.	08 44 N	167 44 E	8	30	1008.5	1009.3	28.1	+ 0.4	29.6		14	122	- 71	2	
TRUK, CAROLINE ISLANDS	07 28 N	151 51 E	2	30	1008.8	1009.1	28.3	+ 0.8	29.6		13	240	- 84	2	90
KOROR, PALAU ISLANDS	07 20 N	134 29 E	33	30	1005.8	1009.4	28.1	+ 0.3	29.9		9	89	-171	1	84
MAJURO, MARSHALL ISLANDS	07 05 N	171 23 E	3	30	1008.8	1009.1	27.3	+ 0.1	31.1		3	311	+ 8	3	115
PONAPE/POHNPEI, CAROLINE ISL	06 58 N	158 13 E	46	30	1003.1	1008.3	27.7	+ 0.6	29.7		19	280	-202	1	109
TARAWA, GILBERT ISLANDS	01 21 N	172 55 E	4		1007.5	1007.9	27.7		30.7		8	108		2	
SOUTH PACIFIC															
FUNAFUTI, ELLICE IS.	08 31 S	179 13 E	2		1007.5	1007.7	28.0		31.4		20	497		5	
ATUONA, MARQUESAS ISLAND	09 48 S	139 02 W	52	30	1004.6	1010.5	26.4		28.9		24	384		5	80
APIA, SAMOA	13 48 S	171 47 W	2		1009.0	1009.3	27.1		30.1		28	250		3	81
PAGO PAGO, SAMOA	14 20 S	170 43 W	3	30	1009.1	1009.3	27.3	+ 0.4	30.8		24	478	+193	5	67
RANGIROA	14 58 S	147 40 W	4	30	1011.3	1011.7	28.4		28.6		7	32		1	125
TAKAROA, TUAMOTU IS.	14 29 S	145 02 W	3	30	1011.2	1011.5	28.1		29.4		2	16		0	110
PUKA-PUKA, TUAMOTU IS.	14 48 S	138 49 W	3	30	1011.5	1011.9	27.8		28.5		6	39		2	95
HAO, TUAMOTU IS.	18 04 S	140 57 W	3	30	1012.7	1013.1	27.3		29.1		9	30		1	110
HEREHERETUE, TUAMOTU IS.	19 52 S	145 00 W	3	30	1012.9	1013.3	27.4		27.7		6	51		1	120
BORA-BORA, SOCIETY IS.	16 27 S	151 45 W	3	30	1011.1	1011.4	28.3		29.5		6	24		0	130
TAHITI, SOCIETY IS.	17 33 S	149 37 W	2	30	1011.5	1011.8	27.3		27.7		3	13		1	115
NANDI, FIJI IS.	17 45 S	177 27 E	18		1007.0	1009.1	25.3		26.7		16	580		6	60
NAUSORI	18 03 S	178 34 E	7		1008.6	1009.7	24.8		27.6		25	900		5	
RAROTONGA, COOK IS.	21 12 S	159 49 W	7		1011.3	1012.1	25.4		27.0		15	344		5	60
RIKITEA, GAMBIER IS.	23 08 S	134 58 W	89	30	1005.2	1015.3	24.5		25.8		14	264		6	100
MUROROA	21 49 S	138 49 W	3	30	1014.2	1014.6	26.6		27.7		6	63		2	110
TUBAI, AUSTRAL IS.	23 21 S	149 29 W	3	30	1013.7	1014.0	24.7		25.9		12	136		2	95
RAPA, AUSTRAL IS.	27 37 S	144 20 W	2	30	1015.6	1015.9	21.8		20.2		11	187		3	100
RAOUL IS.,KERMADEC IS.	29 15 S	177 55 W	49		1012.6	1018.4	20.3		18.3		6	20		1	134
CHATHAM ISLAND	43 57 S	176 34 W	48		1008.3	1014.1	13.2		13.7		11	66		3	149

SURFACE DATA

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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		%
AUSTRALASIA															
SOUTH PACIFIC															
CAMPBELL ISLAND	52 33 S	169 09 E	19		998.8	1001.1	8.7		9.4		20	142		4	82

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		%
FEBRUARY 1985															
SOUTH AMERICA															
ANTARCTICA															
MAWSON	67 36 S	62 53 E	16		986.3	987.9	- 5.2	- 0.8	2.1						
AFRICA															
UPPER VOLTA															
DORI	14 02 N	00 02 W	277	28	981.4	1012.6	25.7	+ 0.1	5.8	-1.9	0	0	0	4	64
OUAHIGOUYA	13 34 N	02 25 W	336	28	974.1	1011.5	26.6	- 0.2	4.6	-2.7	0	0	- T	4	
OUAGADOUGOU	12 21 N	01 31 W	306	28	976.9	1011.0	26.9	- 0.8	6.2	-2.1	0	0	- 1	4	75
FADA N GOURMA	12 02 N	00 22 E	309	28	976.8	1011.3	27.0	- 1.0	6.4	-1.6	0	0	0	4	80
BOROMO	11 45 N	02 56 W	271	28	980.5	1010.8	27.5	- 0.7	6.3	-1.4	0	0		4	
BOBO-DIOULASSO	11 10 N	04 19 W	460	28	959.7	1010.4	27.4	- 0.9	5.7	-2.2	0	0	- 4	4	68
GAOUA	10 20 N	03 11 W	335	28	972.9	1010.0	28.5	- 0.7	6.4	-4.0	0	0	0	2	
MARCH 1985															
SOUTH AMERICA															
ANTARCTICA															
MAWSON	67 36 S	62 53 E	16		985.8	987.5	-10.3	0.0	1.4						
DAVIS	68 35 S	77 58 E	13		983.3	985.0	- 7.7	+ 0.9	1.8		1	6			
CASEY	66 16 S	110 32 E	15		979.7	981.6	- 4.0	+ 2.8	3.2		3	14			
AUSTRALASIA															
PAPUA NEW GUINEA															
MOMOTE M.O.	02 04 S	147 26 E	5		1007.4	1008.0	27.3	+ 0.3	30.9		19	333		4	
RABAUL M.O.	04 13 S	152 11 E	9		1006.1	1007.1	26.9	+ 0.1	29.5		15	480		5	
MADANG	05 13 S	145 48 E	12		1006.1	1006.7	27.3	+ 0.7	30.2		21	384		3	
PORT MORESBY AIRPORT	09 26 S	147 13 E	47		1001.6	1006.9	26.5		28.3		16	498		6	
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1005.7	1006.7	29.6	- 0.1	27.6	-1.0	7	142	+ 47	4	
PORT HEDLAND AIRPORT	20 22 S	118 37 E	11		1006.2	1006.9	31.0	+ 0.5	21.4	-1.4	1	4	- 33	2	
LEARMONTH AIRPORT	22 14 S	114 05 E	6		1007.3	1007.9	30.8	+ 0.9	20.2		0	T			
CARNARVON AIRPORT	24 53 S	113 40 E	7		1008.7	1009.5	27.6	+ 1.0	19.7	-0.1	0	0		1	
GERALDTON AIRPORT	28 47 S	114 42 E	34		1007.3	1011.2	24.5	+ 0.2	14.7	-1.0	2	78	+ 66	5	
PERTH AIRPORT	31 56 S	115 57 E	12		1012.1	1013.5	24.1	+ 1.6	13.8	-1.1	1	5		2	109
ALBANY AIRPORT	34 57 S	117 48 E	69		1008.1	1016.2	19.3	+ 0.6	15.6	+1.2	5	32	- 1	3	
ESPERANCE	33 49 S	121 53 E	26		1013.2	1016.3	21.0	+ 1.0	16.0	+1.1	6	82	+ 36	5	
HALLS CREEK	18 13 S	127 39 E	424		959.3	1005.9	30.0	+ 0.7	21.0	+2.7	6	61	+ 11	4	
GILES	25 02 S	128 18 E	599		943.9	1009.6	27.9	+ 0.5	9.7	-0.3	3	9	- 15		105
MEEKATHARRA AIRPORT	26 36 S	118 31 E	518		951.8	1008.7	30.1	+ 1.9	10.7	-1.2	0	T		1	
KALGOORLIE AIRPORT	30 46 S	121 27 E	360		972.7	1013.5	24.4	+ 1.6	13.5	+0.4	2	5	- 14	2	
FORREST AIRPORT	30 50 S	128 06 E	160		995.9	1014.4	22.1	+ 0.6	15.1	+1.5	5	27	+ 10	4	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	9		1005.9	1006.9	27.7	0.0	28.6	-2.5	8	177	- 14	3	
THURSDAY ISLAND	10 35 S	142 13 E	61		999.8	1006.7	27.3	+ 0.2	30.7	+0.1	18	324	- 19	3	
DARWIN AIRPORT	12 24 S	130 52 E	30		1002.7	1006.1	28.8	+ 0.7	30.2	+0.4	13	229	- 54	2	106
TENNANT CREEK M.O.	19 38 S	134 10 E	376		965.0	1006.6	30.0	+ 1.9	14.6	-1.9	7	37	+ 12	5	108
ALICE SPRINGS AIRPORT	23 48 S	133 54 E	544		949.2	1009.1	26.1	+ 1.2	10.1	-0.6	2	26	+ 4	4	100
MT. ISA AIRPORT	20 39 S	139 29 E	342		969.2	1007.1	29.6	+ 1.8	14.2	-2.4	3	6	-103		
LONGREACH AIRPORT	23 26 S	144 16 E	193		987.3	1008.9	29.3	+ 2.5	16.3	-0.8	1	1	- 85	1	
CHARLEVILLE AIRPORT	26 25 S	146 16 E	304		977.4	1011.6	26.5	+ 1.4	14.2	-1.5	0	1		1	
CAIRNS AIRPORT	16 53 S	145 45 E	7		1007.2	1008.0	26.2	+ 0.5	27.6	+1.3	21	612	+148	4	
TOWNSVILLE AIRPORT	19 15 S	146 45 E	6		1008.6	1009.3	26.7	+ 0.2	25.2	+0.1	10	86	-150	2	82
MACKAY	21 07 S	149 13 E	31		1006.7	1010.2	24.6	- 1.6	26.6	+0.5	19	406	+120	4	
GLADSTONE	23 51 S	151 16 E	76		1003.7	1012.4	25.3	- 0.5	23.5	+0.6	8	124	+ 34	3	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1014.4	1015.1	23.8	- 0.2	21.8	+1.2	15	193	+ 42	4	86
AUSTRALIA-SOUTHEASTERN															
OODNADATTA AIRPORT	27 33 S	135 26 E	117		998.9	1012.3	27.3	+ 0.9	10.7	-0.4	2	32	+ 15	5	104
WOOMERA AERODROME	31 09 S	136 48 E	167		995.1	1014.3	25.1	+ 1.6	12.7	+0.6	2	7	- 7	3	100
MOREE	29 28 S	149 51 E	212		990.2	1014.4	23.6	- 0.3	15.8	-1.8	4	56	+ 4	3	
COFFS HARBOUR AIRPORT	30 19 S	153 07 E	5		1016.6	1017.2	22.1	+ 0.1	20.8	+0.4	18	203	- 47	3	95
COBAR	31 29 S	145 49 E	265		984.0	1014.3	24.5	+ 1.0	13.3	+0.9	4	12		3	
MILDURA AIRPORT	34 14 S	142 05 E	53		1009.3	1015.6	23.0	+ 2.0	13.5	+0.6	1	3	- 22	2	
WAGGA AIRPORT	35 09 S	147 27 E	213		991.9	1016.4	21.7	+ 1.3	13.9	+0.6	5	51	+ 6	4	
CANBERRA AIRPORT	35 18 S	149 11 E	577		950.9	1016.6	18.7	+ 1.2	13.4	+0.6	6	67	+ 14	4	94
CEDUNA AIRPORT	32 07 S	133 42 E	17		1013.9	1015.9	20.6	+ 0.8	13.3	+0.5	2	13	- 6	3	100
ADELAIDE AIRPORT	34 56 S	138 31 E	4		1016.2	1016.7	21.2	+ 1.5	13.8	+1.4	1	39	+ 18	5	114
MT. GAMBIER AIRPORT	37 44 S	140 47 E	69		1009.1	1017.3	18.5	+ 2.1	13.9	+0.8	5	43	+ 10	4	79
LAVERTON AERODROME	37 51 S	144 44 E	14		1015.5	1017.2	20.1	+ 2.1	14.5	+1.0	4	39	+ 1	4	104
EAST SALE AERODROME	38 06 S	147 08 E	8		1016.9	1017.8	18.7	+ 1.3	16.1	+1.5	9	74	+ 19	4	95
SYDNEY AIRPORT	33 57 S	151 11 E	3		1017.3	1017.8	21.9	+ 0.8	18.3	+0.2	7	54	- 58	2	122
WILLIAMTOWN AERODROME	32 47 S	151 49 E	11		1016.3	1017.6	21.0	+ 0.3	19.9	+1.4	5	84	- 28	3	113
HOBART AIRPORT	42 50 S	147 30 E	3		1017.7	1018.1	15.9	+ 0.3	13.5	+2.2	6	43	+ 6	4	92

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		%
MARCH 1985															
AUSTRALASIA															
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1004.1	1005.1	26.8	+ 0.2	28.9	-0.1	17	462		4	109
NORFOLK ISLAND AIRPORT	29 02 S	167 56 E	109		1001.3	1014.3	21.4	+ 0.3	19.7	-1.0	9	35		1	110
LORD HOWE ISLAND	31 31 S	159 05 E	46		1012.0	1017.3	22.4	+ 0.2	19.5	+1.4	7	16		0	
MACQUARIE ISLAND	54 29 S	158 56 E	6		1005.6	1006.3	6.9	+ 0.7	8.6		19	85		3	139
COCOS ISLAND AP	12 11 S	96 49 E	3		1009.9	1010.2	27.5	+ 0.1	28.9	-0.2	11	323		4	
APRIL 1985															
SOUTH AMERICA															
ANTARCTICA															
MAWSON	67 36 S	62 53 E	16		990.6	992.3	- 1.3	+12.9							
DAVIS	68 35 S	77 58 E	13		987.0	988.7	-11.5	+ 1.5	1.3		4	12			
CASEY	66 16 S	110 32 E	15		984.1	986.1	- 9.5	+ 3.1	2.3		7	15			
AUSTRALASIA															
PAPUA NEW GUINEA															
MOMOTE M.O.	02 04 S	147 26 E	5		1007.3	1007.9	27.9	+ 0.8	30.4		9	83		0	
RABAUL M.O.	04 13 S	152 11 E	9		1006.6	1007.6	27.5	+ 0.4	30.2		9	185		2	
MADANG	05 13 S	145 48 E	12		1007.2	1007.8	26.3	- 0.1	30.2		16	246		1	
PORT MORESBY AIRPORT	09 26 S	147 13 E	47		1001.3	1006.6	27.6		29.8		12	106		3	
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1007.9	1008.9	28.5	0.0	22.9	+1.1	3	34	- 61	5	
PORT HEDLAND AIRPORT	20 22 S	118 37 E	11		1008.8	1009.5	28.7	+ 0.7	16.6	+0.6	1	5		3	
LEARMONTH AIRPORT	22 14 S	114 05 E	6		1010.3	1010.9	27.3	+ 0.8	17.0		4	36			
CARNARVON AIRPORT	24 53 S	113 40 E	7		1012.1	1012.9	24.3	+ 0.5	14.9	-1.9	1	10	+ 1	4	
GERALDTON AIRPORT	28 47 S	114 42 E	34		1011.0	1015.0	21.3	- 1.6	11.9	-2.5	1	2		1	
PERTH AIRPORT	31 56 S	115 57 E	12		1015.5	1016.9	19.3	+ 0.6	12.3	-1.6	4	47	0	3	113
ALBANY AIRPORT	34 57 S	117 48 E	69		1009.5	1017.7	16.3	- 0.2	13.4	-1.1	11	83	+ 11	4	
ESPERANCE	33 49 S	121 53 E	26		1015.3	1018.4	17.9	- 0.2	13.8	0.0	4	23	- 67	2	
HALLS CREEK	18 13 S	127 39 E	424		962.7	1010.0	26.4	- 0.9	11.9	-0.7	2	3	- 47	2	
GILES	25 02 S	128 18 E	599		947.2	1013.9	23.5	+ 2.2	6.4	-1.7	0	0			100
MEEKATHARRA AIRPORT	26 36 S	118 31 E	518		955.6	1013.8	23.3	+ 4.0	10.7	+0.4	1	5		2	
KALGOORLIE AIRPORT	30 46 S	121 27 E	360		975.6	1017.0	18.9	+ 0.8	10.3	-1.6	1	1		1	
FORREST AIRPORT	30 50 S	128 06 E	160		999.1	1018.2	20.0	+ 1.9	9.9	-1.9	1	1		1	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	9		1008.7	1009.7	27.3	+ 0.5	29.8	-1.1	15	212	+ 79	5	
THURSDAY ISLAND	10 35 S	142 13 E	61		1001.3	1008.2	27.5	+ 0.3	30.8	+1.6	13	300	+ 90	4	
DARWIN AIRPORT	12 24 S	130 52 E	30		1004.7	1008.1	28.7	+ 0.5	24.3	-2.7	6	190	+ 90	5	107
TENNANT CREEK M.O.	19 38 S	134 10 E	376		969.7	1012.0	25.3	- 0.3	7.3	-4.3	1	2	- 12	3	93
ALICE SPRINGS AIRPORT	23 48 S	133 54 E	544		953.5	1015.7	19.5	- 0.9	7.4	-1.8	0	T		2	89
MT. ISA AIRPORT	20 39 S	139 29 E	342		973.3	1011.6	25.3	+ 0.3	9.0	-2.7	0	0			94
LONGREACH AIRPORT	23 26 S	144 16 E	193		991.4	1013.5	24.1	+ 0.5	13.4	+0.8	1	10		2	
CHARLEVILLE AIRPORT	26 25 S	146 16 E	304		979.7	1014.6	20.7	+ 0.8	11.0	-1.6	1	8		2	
CAIRNS AIRPORT	16 53 S	145 45 E	7		1009.7	1010.5	25.7	- 0.3	26.0	-2.2	10	160	- 17	3	
TOWNSVILLE AIRPORT	19 15 S	146 45 E	6		1011.1	1011.8	25.7	+ 0.9	22.9	-1.4	4	26	- 35	2	86
MACKAY	21 07 S	149 13 E	31		1009.1	1012.7	23.3	- 0.1	24.1	+0.8	8	63	- 80	3	
GLADSTONE	23 51 S	151 16 E	76		1005.1	1013.9	23.5	- 0.5	20.0	+0.2	6	46	+ 11	3	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1013.8	1014.5	21.6	+ 2.8	17.4	-0.4	8	75	+ 11	3	100
AUSTRALIA-SOUTHEASTERN															
OODNADATTA AIRPORT	27 33 S	135 26 E	117		1004.1	1017.8	20.9	+ 0.2	7.9	-1.3	0	0		2	118
WOOMERA AERODROME	31 09 S	136 48 E	167		998.9	1018.5	19.1	0.0	9.1	-1.4	0	0		2	117
MOREE	29 28 S	149 51 E	212		990.3	1014.9	18.9	- 2.9	13.1	-1.8	6	47	+ 14	4	
COFFS HARBOUR AIRPORT	30 19 S	153 07 E	5		1014.9	1015.5	19.3	+ 0.3	16.6	0.0	12	301	+110	5	82
COBAR	31 29 S	145 49 E	265		985.6	1016.4	18.4	- 0.7	11.3	+0.5	3	6		2	
MILDURA AIRPORT	34 14 S	142 05 E	53		1011.2	1017.5	17.5	- 0.7	11.7	+0.1	0	1		1	
WAGGA AIRPORT	35 09 S	147 27 E	213		992.1	1017.1	16.2	+ 0.5	12.8	+1.4	5	29	- 12	3	
CANBERRA AIRPORT	35 18 S	149 11 E	577		950.4	1017.4	13.6	+ 0.5	11.7	+1.2	6	24	- 24	2	92
CEDUNA AIRPORT	32 07 S	133 42 E	17		1017.1	1019.1	18.0	+ 0.6	10.2	-1.7	3	14	- 8	2	117
ADELAIDE AIRPORT	34 56 S	138 31 E	4		1018.1	1018.6	16.9	- 0.1	11.2	-0.2	7	28	- 16	2	120
MT. GAMBIER AIRPORT	37 44 S	140 47 E	69		1009.5	1017.8	15.4	+ 1.6	12.2	0.0	8	38	- 24	2	121
LAVERTON AERODROME	37 51 S	144 44 E	14		1015.9	1017.6	16.4	+ 1.4	13.0	+1.1	7	37	- 11	3	150
EAST SALE AERODROME	38 06 S	147 08 E	8		1017.0	1018.0	15.1	+ 0.7	14.4	+1.9	8	92	+ 46	5	110
SYDNEY AIRPORT	33 57 S	151 11 E	3		1016.5	1017.0	18.7	+ 0.5	15.7	+0.7	15	250	+146	5	98
WILLIAMTOWN AERODROME	32 47 S	151 49 E	11		1015.1	1016.4	18.5	0.0	16.9	-1.4	12	229	+142	5	93
HOBART AIRPORT	42 50 S	147 30 E	3		1019.3	1019.7	13.8	+ 0.5	11.9	+1.8	11	83	+ 27	5	79
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1006.9	1007.9	27.1	+ 0.4	27.9	-0.5	8	99		0	107
NORFOLK ISLAND AIRPORT	29 02 S	167 56 E	109		1002.2	1014.9	20.9	+ 0.7	6.3	-11.5	15	314		5	
LORD HOWE ISLAND	31 31 S	159 05 E	46		1009.3	1014.7	21.1	+ 1.4	20.1	+1.5	18	146		3	
MACQUARIE ISLAND	54 29 S	158 56 E	6		1001.5	1002.2	4.3	- 0.8	7.7		19	80		3	
COCOS ISLAND AP	12 11 S	96 49 E	3		1008.9	1009.2	27.4	+ 0.1	28.3	-1.4	9	71		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	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
MAY 1985															
SOUTH AMERICA															
ANTARCTICA															
MAWSON	67 36 S	62 53 E	16		990.6	992.3	-17.3	- 1.5	0.9						
DAVIS	68 35 S	77 58 E	13		989.7	991.4	-18.4	- 2.9	1.0		2	21			
AUSTRALASIA															
PAPUA NEW GUINEA															
MOMOTE M.O.	02 04 S	147 26 E	5		1007.3	1007.9	28.1	+ 1.1	31.1		13	141		1	
RABAUL M.O.	04 13 S	152 11 E	9		1006.6	1007.6	27.5	+ 0.1	30.0		10	137		3	
MADANG	05 13 S	145 48 E	12		1007.3	1007.9	27.3	+ 0.7	30.4		17	343		4	
PORT MORESBY AIRPORT	09 26 S	147 13 E	47		1001.5	1006.8	28.1		29.3		5	50		3	
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1010.3	1011.3	25.3	+ 0.4	12.5	+0.3	0	T		3	
PORT HEDLAND AIRPORT	20 22 S	118 37 E	11		1012.1	1012.8	24.1	+ 0.5	8.4	-3.8	0	T		1	
LEARMONTH AIRPORT	22 14 S	114 05 E	6		1013.7	1014.3	21.4	- 0.8	14.9		3	51			
CARNARVON AIRPORT	24 53 S	113 40 E	7		1014.8	1015.6	20.2	+ 0.1	11.1	-2.7	0	1	- 42	1	
GERALDTON AIRPORT	28 47 S	114 42 E	34		1013.0	1017.0	18.9	+ 0.7	10.1	-2.6	5	19	- 55	1	
PERTH AIRPORT	31 56 S	115 57 E	12		1017.8	1019.2	16.3	+ 0.6	9.1	-3.5	6	75	- 37	2	117
ALBANY AIRPORT	34 57 S	117 48 E	69		1011.5	1019.8	14.1	0.0	11.4	-1.3	10	62	- 27	1	
ESPERANCE	33 49 S	121 53 E	26		1017.5	1020.6	15.2	- 0.2	10.8	-1.6	6	34	- 54	1	
HALLS CREEK	18 13 S	127 39 E	424		964.6	1012.7	24.3	- 1.0	8.0	+2.3	0	0		0	
GILES	25 02 S	128 18 E	599		949.2	1017.8	18.2	+ 1.0	6.4	-1.3	0	1	- 19		104
MEEKATHARRA AIRPORT	26 36 S	118 31 E	518		957.8	1017.2	17.4	- 0.1	8.1	+1.1	3	13	- 11	2	
KALGOORLIE AIRPORT	30 46 S	121 27 E	360		978.4	1020.6	13.7	- 0.7	8.8	-1.6	5	30	+ 5	4	
FORREST AIRPORT	30 50 S	128 06 E	160		1002.7	1021.9	14.2	- 0.3	9.3	-1.6	3	7	- 7	3	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	9		1010.5	1011.5	25.9	+ 0.1	25.8	-0.1	11	146	+ 89	5	
THURSDAY ISLAND	10 35 S	142 13 E	61		1002.0	1008.9	26.2	- 0.5	29.2	-1.0	14	145	+ 99	5	
DARWIN AIRPORT	12 24 S	130 52 E	30		1006.6	1010.0	27.5	- 0.6	19.4	-1.7	0	0		2	107
TENNANT CREEK M.O.	19 38 S	134 10 E	376		971.4	1014.3	22.6	- 1.0	6.6	-1.5	0	1		3	113
ALICE SPRINGS AIRPORT	23 48 S	133 54 E	544		955.8	1019.0	14.9	- 0.6	6.8	-1.6	0	T		2	109
MT. ISA AIRPORT	20 39 S	139 29 E	342		975.5	1014.8	21.7	+ 1.1	9.2	-0.2	1	56	+ 24		112
LONGREACH AIRPORT	23 26 S	144 16 E	193		994.8	1017.4	20.6	+ 1.7	11.2	+0.9	0	T		2	
CHARLEVILLE AIRPORT	26 25 S	146 16 E	304		983.9	1019.5	17.7	+ 2.0	10.5	0.0	1	4	- 24	1	
CAIRNS AIRPORT	16 53 S	145 45 E	7		1012.6	1013.4	23.9	+ 0.3	22.2	-1.2	14	92	+ 91	3	
TOWNSVILLE AIRPORT	19 15 S	146 45 E	6		1014.4	1015.1	23.1	+ 0.8	17.8	-0.1	8	28	+ 1	4	85
MACKAY	21 07 S	149 13 E	31		1012.3	1015.9	20.6	+ 0.2	20.8	+2.2	14	138	+ 60	4	
GLADSTONE	23 51 S	151 16 E	76		1008.9	1017.8	21.3	- 0.2	16.4	+0.4	6	20	- 30	2	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1018.9	1019.7	19.1	+ 0.6	15.7	+1.9	13	73	0	4	99
AUSTRALIA-SOUTHEASTERN															
OODNADATTA AIRPORT	27 33 S	135 26 E	117		1007.5	1021.4	15.9	- 0.4	7.3	-1.6	3	4	- 11	3	100
WOOMERA AERODROME	31 09 S	136 48 E	167		1002.6	1022.6	14.8	+ 0.1	8.4	-1.4	3	31	+ 13	4	117
MOREE	29 28 S	149 51 E	212		995.6	1020.7	15.9	+ 0.9	11.5	+0.4	1	4	- 36	1	
COFFS HARBOUR AIRPORT	30 19 S	153 07 E	5		1020.5	1021.1	17.1	+ 9.0	15.0	+0.4	18	338	+204	6	63
COBAR	31 29 S	145 49 E	265		990.5	1022.0	15.3	- 1.0	10.1	+0.5	1	10		2	
MILDURA AIRPORT	34 14 S	142 05 E	53		1016.1	1022.5	13.3	+ 0.2	10.1	-0.3	4	26	- 2	3	
WAGGA AIRPORT	35 09 S	147 27 E	213		997.8	1023.4	12.2	- 0.9	10.2	+0.6	6	42	- 10	4	
CANBERRA AIRPORT	35 18 S	149 11 E	577		955.3	1023.7	9.7	+ 0.7	9.3	+1.1	7	47	- 4	4	101
CEDUNA AIRPORT	32 07 S	133 42 E	17		1020.4	1022.5	13.9	- 0.7	9.4	-1.5	4	14	- 25	1	107
ADELAIDE AIRPORT	34 56 S	138 31 E	4		1022.1	1022.6	13.7	- 0.1	10.9	0.0	11	58	- 8	3	122
MT. GAMBIER AIRPORT	37 44 S	140 47 E	69		1012.9	1021.3	12.1	+ 0.7	10.9	0.0	13	58	- 18	2	102
LAVERTON AERODROME	37 51 S	144 44 E	14		1020.5	1022.2	12.3	- 0.2	10.4	-0.4	4	37	- 16	3	128
EAST SALE AERODROME	38 06 S	147 08 E	8		1021.7	1022.7	11.1	- 0.3	10.8	+0.4	6	33	- 25	3	110
SYDNEY AIRPORT	33 57 S	151 11 E	3		1022.1	1022.6	15.8	+ 0.8	13.1	+1.6	14	152	+ 54	5	89
WILLIAMTOWN AERODROME	32 47 S	151 49 E	11		1020.9	1022.2	15.7	+ 0.9	14.3	-2.4	13	141	+ 39	5	81
HOBART AIRPORT	42 50 S	147 30 E	3		1020.9	1021.3	11.0	- 1.6	9.7	+0.8	8	42	- 9	3	
SOUTH PACIFIC															
NORFOLK ISLAND AIRPORT	29 02 S	167 56 E	109		1004.4	1017.2	17.9	- 0.5	15.4	-0.6	13	154		3	93
LORD HOWE ISLAND	31 31 S	159 05 E	46		1014.5	1019.9	18.3	- 0.2	16.4	+0.4	16	127		2	
MACQUARIE ISLAND	54 29 S	158 56 E	6		1008.9	1009.6	4.6	+ 0.5	7.5		16	52		0	
COCOS ISLAND AP	12 11 S	96 49 E	3		1009.3	1009.6	27.5	+ 0.6	28.4	+0.1	12	60		1	
JUNE 1985															
SOUTH AMERICA															
ANTARCTICA															
DAVIS	68 35 S	77 58 E	13		991.5	993.2	-13.5	+ 1.8	1.1		0	0			
CASEY	66 16 S	110 32 E	15		990.1	992.1	-14.6	- 0.5	1.4		3	20			
AUSTRALASIA															
PAPUA NEW GUINEA															
MOMOTE M.O.	02 04 S	147 26 E	5		1008.5	1009.1	27.7	+ 0.5	30.2		4	22		2	
RABAUL M.O.	04 13 S	152 11 E	9		1007.9	1008.9	27.6	+ 0.5	29.5		8	11		4	
MADANG	05 13 S	145 48 E	12		1008.6	1009.2	26.9	+ 0.7	29.8		3	49		6	
PORT MORESBY AIRPORT	09 26 S	147 13 E	47		1004.0	1009.3	26.3		26.4		8	98		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 i MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
JUNE 1985															
AUSTRALASIA															
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1013.7	1014.8	21.1	- 1.0	7.6	-5.5	0	0	- 24	2	
PORT HEDLAND AIRPORT	20 22 S	118 37 E	11		1015.9	1016.6	20.4	- 0.2	5.4	-6.6	1	1	- 20	2	
LEARMONTH AIRPORT	22 14 S	114 05 E	6		1016.8	1017.4	18.9	+ 0.1	14.0		6	59			
CARNARVON AIRPORT	24 53 S	113 40 E	7		1017.5	1018.3	18.7	- 0.9	11.0	-3.0	3	85	+ 35	5	
GERALDTON AIRPORT	28 47 S	114 42 E	34		1015.3	1019.4	16.9	+ 1.2	12.2	-0.9	6	61	- 58	2	
PERTH AIRPORT	31 56 S	115 57 E	12		1018.5	1020.0	15.0	+ 1.2	12.7	+0.2	14	82	- 26	1	105
ALBANY AIRPORT	34 57 S	117 48 E	69		1009.6	1017.9	14.1	+ 1.9	12.8	-1.4	12	45	- 57	1	
ESPERANCE	33 49 S	121 53 E	26		1016.9	1020.0	15.1	+ 1.9	11.4	+0.4	10	52	- 35	1	
HALLS CREEK	18 13 S	127 39 E	424		967.8	1016.4	18.4	- 2.2	6.9	-1.7	2	4	0	4	
GILES	25 02 S	128 18 E	599		952.1	1021.2	13.3	+ 1.0	5.7	-1.9	1	1	- 22		107
MEEKATHARRA AIRPORT	26 36 S	118 31 E	518		960.4	1020.7	15.2	+ 1.2	7.2	-2.7	2	17	- 19	3	
KALGOORLIE AIRPORT	30 46 S	121 27 E	360		979.2	1022.0	13.0	+ 1.2	8.5	-1.5	1	4	- 30	1	
FORREST AIRPORT	30 50 S	128 06 E	160		1003.1	1022.5	12.9	+ 0.8	7.7	-2.3	0	0	- 19	1	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	9		1012.3	1013.3	24.1	- 0.4	22.2	-1.5	8	34	- 26	3	
THURSDAY ISLAND	10 35 S	142 13 E	61		1004.4	1011.3	25.9	+ 0.2	25.9	-1.9	0	2	- 25	1	
DARWIN AIRPORT	12 24 S	130 52 E	30		1009.8	1013.2	23.9	- 1.3	12.5	-5.2	0	0	- 2	3	99
TENNANT CREEK M.O.	19 38 S	134 10 E	376		974.7	1018.3	16.2	- 2.5	6.2	-1.2	1	22	+ 14	4	99
ALICE SPRINGS AIRPORT	23 48 S	133 54 E	544		958.1	1022.4	10.4	- 2.2	7.3	-0.7	2	17	+ 1	4	101
MT. ISA AIRPORT	20 39 S	139 29 E	342		978.2	1018.0	15.6	- 1.7	6.9	-1.4	2	26	+ 25		97
LONGREACH AIRPORT	23 26 S	144 16 E	193		996.5	1019.3	14.1	- 1.5	8.1	-0.2	3	51	+ 31	5	
CHARLEVILLE AIRPORT	26 25 S	146 16 E	304		984.7	1020.8	11.2	- 1.3	7.3	-2.1	3	15	- 4	2	
CAIRNS AIRPORT	16 53 S	145 45 E	7		1014.5	1015.3	21.1	- 0.6	17.0	-1.6	3	18	- 33	1	
TOWNSVILLE AIRPORT	19 15 S	146 45 E	6		1016.1	1016.8	18.9	- 0.9	12.9	-2.5	1	22	- 3	3	110
MACKAY	21 07 S	149 13 E	31		1014.1	1017.8	17.1	- 0.6	14.1	-1.5	5	59	- 8	3	
GLADSTONE	23 51 S	151 16 E	76		1009.4	1018.4	18.1	- 0.5	11.6	-1.8	3	76	+ 36	5	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1017.8	1018.5	15.1	- 1.0	10.6	-1.3	2	42	- 44	4	111
AUSTRALIA-SOUTHEASTERN															
OODNADATTA AIRPORT	27 33 S	135 26 E	117		1009.3	1023.4	12.1	- 1.2	6.8	-1.6	1	4	- 10	3	122
WOOMERA AERODROME	31 09 S	136 48 E	167		1002.7	1022.9	11.8	+ 0.2	8.5	-0.3	1	2	- 14	2	120
MOREE	29 28 S	149 51 E	212		994.5	1020.0	10.9	- 1.0	8.7	-1.3	2	5	- 40	1	
COFFS HARBOUR AIRPORT	30 19 S	153 07 E	5		1017.7	1018.3	13.5	+ 0.5	10.8	-1.5	6	24	-102	2	107
COBAR	31 29 S	145 49 E	265		989.3	1021.2	10.4	- 0.8	8.2	-0.6	5	26		3	
MILDURA AIRPORT	34 14 S	142 05 E	53		1014.2	1020.7	10.6	0.0	8.8	-0.2	4	10	- 13	2	
WAGGA AIRPORT	35 09 S	147 27 E	213		994.7	1020.5	7.6	- 1.0	8.5	0.0	9	36	- 14	2	
CANBERRA AIRPORT	35 18 S	149 11 E	577		950.5	1019.1	6.1	- 0.4	7.3	+0.2	5	33	- 6	3	121
CEDUNA AIRPORT	32 07 S	133 42 E	17		1020.3	1022.4	12.7	+ 0.4	9.2	-0.7	7	21	- 9	2	116
ADELAIDE AIRPORT	34 56 S	138 31 E	4		1020.4	1020.9	11.6	- 0.1	10.0	-0.3	9	37	- 15	2	106
MT. GAMBIER AIRPORT	37 44 S	140 47 E	69		1009.5	1017.9	10.1	+ 0.5	10.4	-0.5	18	92	+ 14	4	86
LAVERTON AERODROME	37 51 S	144 44 E	14		1016.9	1018.6	9.5	- 0.4	9.1	-0.1	5	35	- 4	3	129
EAST SALE AERODROME	38 06 S	147 08 E	8		1017.1	1018.1	8.2	- 1.0	8.5	-0.5	7	67	+ 21	4	114
SYDNEY AIRPORT	33 57 S	151 11 E	3		1017.7	1018.2	12.3	- 0.5	9.5	-0.9	5	108	- 15	3	136
WILLIAMTOWN AERODROME	32 47 S	151 49 E	11		1017.2	1018.5	11.6	- 1.1	10.1	-0.7	9	83	- 33	3	113
HOBART AIRPORT	42 50 S	147 30 E	3		1013.1	1013.5	7.9	- 0.8	7.6	-0.4	9	22	- 20	1	
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1008.1	1009.1	26.3	+ 0.1	26.6	-0.6	4	52		2	104
NORFOLK ISLAND AIRPORT	29 02 S	167 56 E	109		1003.5	1016.4	17.3	+ 0.4	14.6	-0.6	9	124		3	101
LORD HOWE ISLAND	31 31 S	159 05 E	46		1010.7	1016.2	16.7	- 0.1	13.6	-1.0	17	125		2	
MACQUARIE ISLAND	54 29 S	158 56 E	6		1001.5	1002.2	4.3	- 1.1	7.7		19	80		3	
COCOS ISLAND AP	12 11 S	96 49 E	3		1010.3	1010.6	26.8	+ 0.5	27.1	-0.5	16	113		1	
JULY 1985															
SOUTH AMERICA															
ANTARCTICA															
DAVIS	68 35 S	77 58 E	13		975.2	976.9	-25.2	- 7.5	5.0		2	10			
CASEY	66 16 S	110 32 E	15		970.0	971.9	-16.6	- 1.4	13.0		2	3			
AUSTRALASIA															
PAPUA NEW GUINEA															
MOMOTE M.O.	02 04 S	147 26 E	5		1009.3	1009.9	26.7	- 0.3	29.3		25	338		3	
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1014.3	1015.4	20.4	- 0.8	10.7	-0.8	0	T	- 6	2	
PORT HEDLAND AIRPORT	20 22 S	118 37 E	11		1015.5	1016.2	19.9	+ 0.5	8.5	-1.4	0	T	- 8	2	
LEARMONTH AIRPORT	22 14 S	114 05 E	6		1016.3	1016.9	18.1	- 0.4	15.1		4	68			
CARNARVON AIRPORT	24 53 S	113 40 E	7		1016.9	1017.7	17.0	- 0.4	12.3	+0.3	7	47	+ 1	4	
GERALDTON AIRPORT	28 47 S	114 42 E	34		1014.3	1018.4	15.2	+ 0.8	12.9	-1.2	9	78	- 22	2	
PERTH AIRPORT	31 56 S	115 57 E	12		1018.4	1019.9	13.6	+ 0.7	10.9	-0.4	12	154	- 16	2	108
ALBANY AIRPORT	34 57 S	117 48 E	69		1010.9	1019.2	11.9	+ 0.2	11.5	-0.7	14	151	+ 29	3	
ESPERANCE	33 49 S	121 53 E	26		1017.5	1020.7	13.1	+ 0.3	10.7	+0.6	14	91	+ 13	2	
HALLS CREEK	18 13 S	127 39 E	424		967.8	1016.8	19.7	0.0	6.0	-1.1	0	T	- 6	4	
GILES	25 02 S	128 18 E	599		951.1	1020.7	14.9	+ 1.5	5.1	-1.4	1	7	- 5		69
MEEKATHARRA AIRPORT	26 36 S	118 31 E	518		959.1	1019.5	14.3	+ 1.3	7.5	-0.9	7	45	+ 26	5	
KALGOORLIE AIRPORT	30 46 S	121 27 E	360		978.7	1021.6	11.7	+ 1.0	8.8	-0.3	7	48	+ 21	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	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
JULY 1985															
AUSTRALASIA															
AUSTRALIA WESTERN															
FORREST AIRPORT	30 50 S	128 06 E	160		1002.5	1021.8	12.5	+ 1.4	8.2	-0.7	2	6		1	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	9		1013.4	1014.4	23.8	- 0.2	20.6	-1.0	4	31	- 7	4	
THURSDAY ISLAND	10 35 S	142 13 E	61		1006.0	1013.1	24.5	- 0.6	20.1	-4.0	1	6	- 4	2	
DARWIN AIRPORT	12 24 S	130 52 E	30		1010.7	1014.2	23.5	- 1.3	14.3	-1.8	0	0	- 1	3	106
TENNANT CREEK M.O.	19 38 S	134 10 E	376		975.1	1018.9	17.6	- 0.6	5.6	-0.8	0	0	- 6	4	102
ALICE SPRINGS AIRPORT	23 48 S	133 54 E	544		957.9	1022.3	11.9	0.0	5.2	-1.7	1	1	- 12	3	107
MT. ISA AIRPORT	20 39 S	139 29 E	342		979.0	1018.9	15.7	- 1.1	6.4	-0.8	0	0	- 6		107
LONGREACH AIRPORT	23 26 S	144 16 E	193		997.3	1020.2	14.8	- 0.2	8.6	-1.2	2	16	- 4	3	
CHARLEVILLE AIRPORT	26 25 S	146 16 E	304		985.4	1021.6	12.3	+ 0.6	7.8	-0.1	3	25	0	3	
CAIRNS AIRPORT	16 53 S	145 45 E	7		1016.3	1017.1	20.3	- 1.0	15.9	-1.0	3	14	- 16	1	
TOWNSVILLE AIRPORT	19 15 S	146 45 E	6		1017.8	1018.5	17.9	- 1.3	12.9	-1.0	3	28	+ 13	4	106
MACKAY	21 07 S	149 13 E	31		1015.3	1019.0	15.9	- 0.9	13.9	-0.4	3	66	+ 34	5	
GLADSTONE	23 51 S	151 16 E	76		1010.6	1019.6	17.7	- 0.1	12.3	+0.4	4	47	+ 10	4	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1019.0	1019.7	15.1	0.0	10.4	+0.2	5	155	+ 80	5	120
AUSTRALIA-SOUTHEASTERN															
WOOMERA AERODROME	31 09 S	136 48 E	167		1003.5	1023.8	11.9	+ 0.6	7.4	+1.0	4	7		2	93
MOREE	29 28 S	149 51 E	212		996.0	1021.5	11.4	+ 0.8	8.4	-0.4	4	93	+ 54	5	
COFFS HARBOUR AIRPORT	30 19 S	153 07 E	5		1019.2	1019.8	13.3	+ 0.6	10.4	-1.1	4	190	+125	5	99
COBAR	31 29 S	145 49 E	265		990.8	1022.7	11.1	+ 0.8	7.9	+0.2	2	3		1	
MILDURA AIRPORT	34 14 S	142 05 E	53		1016.3	1022.8	9.9	0.0	7.9	-0.8	1	5	- 21	0	
WAGGA AIRPORT	35 09 S	147 27 E	213		996.8	1022.6	6.7	- 0.9	7.2	-0.9	3	40	- 13	2	
CANBERRA AIRPORT	35 18 S	149 11 E	577		952.9	1022.0	4.5	- 0.9	6.3	-0.3	2	24	- 15	2	121
CEDUNA AIRPORT	32 07 S	133 42 E	17		1021.1	1023.2	12.3	+ 0.8	8.5	-0.9	6	19		1	105
ADELAIDE AIRPORT	34 56 S	138 31 E	4		1022.5	1023.0	11.1	+ 0.2	8.7	+1.0	6	34	- 36	2	116
MT. GAMBIER AIRPORT	37 44 S	140 47 E	69		1012.8	1021.3	8.9	- 0.7	8.9	-0.5	14	69	- 32	2	114
LAVERTON AERODROME	37 51 S	144 44 E	14		1019.7	1021.4	8.8	- 0.4	8.4	-0.4	9	37	- 4	3	124
EAST SALE AERODROME	38 06 S	147 08 E	8		1019.5	1020.5	8.1	- 0.3	8.3	-0.1	8	36	- 2	3	106
SYDNEY AIRPORT	33 57 S	151 11 E	3		1020.0	1020.5	12.2	+ 0.5	9.0	+0.1	7	60	- 10	3	105
WILLIAMTOWN AERODROME	32 47 S	151 49 E	11		1016.3	1020.6	11.9	+ 0.4	9.7	+0.6	9	75	+ 5	3	101
HOBART AIRPORT	42 50 S	147 30 E	3		1016.1	1016.5	7.8	- 0.6	7.5	-0.3	8	26	- 21	2	110
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1008.9	1009.9	25.9	- 0.1	26.1	+0.6	12	120		4	
NORFOLK ISLAND AIRPORT	29 02 S	167 56 E	109		1004.1	1017.0	16.1	+ 0.3	14.1	0.0	15	193		5	81
LORD HOWE ISLAND	31 31 S	159 05 E	46		1012.0	1017.5	16.3	+ 0.4	12.6	-0.9	15	94		1	
MACQUARIE ISLAND	54 29 S	158 56 E	6		999.9	1000.6	3.7	+ 0.5	6.8		17	76		4	
COCOS ISLAND AP	12 11 S	96 49 E	3		1011.5	1011.9	25.9	- 0.1	25.8	-0.9	15	175		3	
AUGUST 1985															
SOUTH AMERICA															
ANTARCTICA															
DAVIS	68 35 S	77 58 E	13		979.8	981.5	-18.0	+ 0.7	0.7						
CASEY	66 16 S	110 32 E	15		977.1	979.0	-11.4	+ 1.9	1.9		3	6			
AUSTRALASIA															
PAPUA NEW GUINEA															
MOMOTE M.O.	02 04 S	147 26 E	5		1009.2	1009.8	27.6	+ 0.6	30.2		24	307		3	
RABAUL M.O.	04 13 S	152 11 E	9		1008.5	1009.5	27.3	+ 0.3	27.4		8	56		2	
MADANG	05 13 S	145 48 E	12		1009.3	1009.9	26.9	+ 0.8	29.3		12	178		4	
PORT MORESBY AIRPORT	09 26 S	147 13 E	47		1004.4	1009.8	26.9		25.9		1	3		1	
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1012.7	1013.7	23.3	+ 0.6	12.3	+0.2	0	T	- 1	4	
PORT HEDLAND AIRPORT	20 22 S	118 37 E	11		1014.3	1015.0	21.5	+ 0.6	9.0	-0.9	0	T	- 4	2	
LEARMONTH AIRPORT	22 14 S	114 05 E	6		1016.7	1017.3	18.4	- 1.1	11.3		1	1			
CARNARVON AIRPORT	24 53 S	113 40 E	7		1017.6	1018.4	16.3	- 0.8	13.6	+1.8	6	44	+ 27	5	
GERALDTON AIRPORT	28 47 S	114 42 E	34		1014.9	1019.0	14.4	- 0.1	12.4	+0.7	11	87	+ 22	4	
PERTH AIRPORT	31 56 S	115 57 E	12		1017.1	1018.5	13.3	+ 0.2	11.6	+0.4	17	145	+ 24	3	102
ALBANY AIRPORT	34 57 S	117 48 E	69		1007.3	1015.6	12.3	+ 0.8	11.2	+0.6	19	126	+ 13	4	
ESPERANCE	33 49 S	121 53 E	26		1013.2	1016.3	13.3	+ 0.3	10.7	+0.3	17	105	+ 9	4	
HALLS CREEK	18 13 S	127 39 E	424		965.3	1013.6	24.9	+ 2.7	6.3	-0.9	0	0	- 3	4	
GILES	25 02 S	128 18 E	599		948.1	1017.1	17.0	+ 1.8	5.6	-0.4	0	0	- 15	0	102
MEEKATHARRA AIRPORT	26 36 S	118 31 E	518		958.5	1018.6	14.3	- 0.3	8.5	+0.6	4	10	- 1	3	
KALGOORLIE AIRPORT	30 46 S	121 27 E	360		975.6	1018.1	11.7	- 0.1	9.4	+0.5	5	22	+ 2	4	
FORREST AIRPORT	30 50 S	128 06 E	160		998.2	1017.5	12.7	+ 0.6	9.8	+0.9	8	43	+ 28	5	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	9		1014.3	1015.3	24.3	+ 0.1	22.1	+0.4	1	3	- 21	1	
THURSDAY ISLAND	10 35 S	142 13 E	61		1005.3	1012.3	25.1	- 0.2	25.0	+0.5	2	5	- 3	3	
DARWIN AIRPORT	12 24 S	130 52 E	30		1009.6	1013.0	26.3	+ 0.4	22.5	+2.9	0	0	- 4	4	101
TENNANT CREEK M.O.	19 38 S	134 10 E	376		972.0	1015.1	23.4	+ 2.4	6.1	-0.9	0	0	- 3	3	103
ALICE SPRINGS AIRPORT	23 48 S	133 54 E	544		954.1	1017.6	16.1	+ 1.9	4.3	-2.2	1	3	- 9	4	102
MT. ISA AIRPORT	20 39 S	139 29 E	342		976.4	1016.0	20.5	+ 1.9	7.4	+1.0	0	0	- 2	0	103
LONGREACH AIRPORT	23 26 S	144 16 E	193		995.0	1017.7	18.2	+ 1.1	8.8	+0.7	2	21	+ 9	4	

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	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
AUGUST 1985															
AUSTRALASIA															
AUSTRALIA-NORTHEASTERN															
CHARLEVILLE AIRPORT	26 25 S	146 16 E	304		982.9	1018.8	15.1	+ 1.5	8.2	0.0	3	37	+ 16	4	
CAIRNS AIRPORT	16 53 S	145 45 E	7		1015.8	1016.6	22.5	+ 0.5	19.0	+1.0	4	12	- 14	2	
TOWNSVILLE AIRPORT	19 15 S	146 45 E	6		1016.9	1017.6	20.9	+ 0.6	16.5	+0.7	1	4	- 7	3	111
MACKAY	21 07 S	149 13 E	31		1014.7	1018.4	18.3	+ 0.2	16.9	+0.9	3	16	- 20	3	
GLADSTONE	23 51 S	151 16 E	76		1010.6	1019.6	19.1	+ 0.1	14.7	+1.2	3	17	- 16	3	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1018.9	1019.6	15.7	- 0.3	11.6	+0.6	4	46	- 2	4	93
AUSTRALIA-SOUTHEASTERN															
WOOMERA AERODROME	31 09 S	136 48 E	167		997.4	1017.4	12.7	+ 0.2	9.0	+0.6	9	41	+ 26	5	86
MOREE	29 28 S	149 51 E	212		994.0	1019.4	12.5	+ 0.3	9.9	+0.3	5	93	+ 60	5	
COFFS HARBOUR AIRPORT	30 19 S	153 07 E	5		1018.3	1018.9	13.8	0.0	10.4	-1.3	5	24	- 81	2	93
COBAR	31 29 S	145 49 E	265		986.7	1018.2	11.9	+ 0.1	9.4	+1.0	9	588		5	
MILDURA AIRPORT	34 14 S	142 05 E	53		1010.4	1016.8	11.4	+ 0.2	9.8	+0.8	9	46	+ 17	5	
WAGGA AIRPORT	35 09 S	147 27 E	213		992.2	1017.8	9.2	+ 0.3	9.1	+0.4	10	85	+ 33	5	
CANBERRA AIRPORT	35 18 S	149 11 E	577		949.1	1017.5	6.7	- 0.1	7.5	+0.2	10	120	+ 73	6	97
CEDUNA AIRPORT	32 07 S	133 42 E	17		1014.7	1016.8	12.9	+ 0.7	10.2	+0.7	15	74	+ 35	5	89
ADELAIDE AIRPORT	34 56 S	138 31 E	4		1015.7	1016.2	11.9	+ 0.3	10.4	+0.5	13	63	+ 15	4	98
MT. GAMBIER AIRPORT	37 44 S	140 47 E	69		1006.5	1014.9	10.2	+ 0.7	10.0	+0.2	14	91	- 1	3	86
LAVERTON AERODROME	37 51 S	144 44 E	14		1014.5	1016.2	10.1	+ 0.1	9.5	+0.2	15	61	+ 15	4	89
EAST SALE AERODROME	38 06 S	147 08 E	8		1015.1	1016.1	9.9	+ 0.4	9.4	+0.2	5	63	+ 10	4	69
SYDNEY AIRPORT	33 57 S	151 11 E	3		1017.3	1017.8	12.7	0.0	9.2	-0.7	6	29	- 55	2	103
WILLIAMTOWN AERODROME	32 47 S	151 49 E	11		1017.0	1018.3	11.9	- 0.7	10.2	+0.3	9	46	- 53	3	101
HOBART AIRPORT	42 50 S	147 30 E	3		1013.1	1013.5	9.1	+ 0.4	8.4	+0.3	5	34	- 10	3	113
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1009.0	1010.0	26.0	+ 0.1	26.3	-0.3	11	124		5	
NORFOLK ISLAND AIRPORT	29 02 S	167 56 E	109		1006.7	1019.6	15.7	0.0	12.7	-1.3	9	87		2	114
LORD HOWE ISLAND	31 31 S	159 05 E	46		1013.3	1018.8	15.8	- 0.1	12.9	-0.6	19	143		3	
MACQUARIE ISLAND	54 29 S	158 56 E	6		1002.4	1003.1	3.9	+ 0.6	7.3		11	57		2	
COCOS ISLAND AP	12 11 S	96 49 E	3		1012.1	1012.4	26.3	+ 0.5	25.6	-0.1	9	69		2	
SEPTEMBER 1985															
SOUTH AMERICA															
ANTARCTICA															
DAVIS	68 35 S	77 58 E	13		981.4	983.1	-17.5	- 0.4	0.6		0	1			
CASEY	66 16 S	110 32 E	15		975.7	977.7	-14.1	+ 1.2	1.3		4	8			
AUSTRALASIA															
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1011.2	1012.2	25.1	0.0	12.9	-2.9	0	T	- 1	4	
PORT HEDLAND AIRPORT	20 22 S	118 37 E	11		1012.5	1013.2	23.6	- 0.1	8.4	-2.2	0	0	- 1	2	
LEARMONTH AIRPORT	22 14 S	114 05 E	6		1014.6	1015.2	21.5	- 0.2	12.5		0	0			
CARNARVON AIRPORT	24 53 S	113 40 E	7		1015.6	1016.4	19.2	+ 0.2	12.3	0.0	0	1	- 3	1	
GERALDTON AIRPORT	28 47 S	114 42 E	34		1013.1	1017.2	15.7	+ 0.2	12.5	+0.3	4	42	+ 14	5	
PERTH AIRPORT	31 56 S	115 57 E	12		1017.1	1018.5	15.3	+ 1.1	11.3	-0.4	8	54	- 16	2	107
ALBANY AIRPORT	34 57 S	117 48 E	69	0	1010.5	1018.8	12.8	+ 0.4	11.7	+0.4	11	63	- 26	1	
ESPERANCE	33 49 S	121 53 E	26		1016.0	1019.1	14.6	+ 0.5	11.7	+0.9	11	47	- 31	1	
HALLS CREEK	18 13 S	127 39 E	424		965.0	1012.7	26.3	+ 0.2	4.2	-3.4	0	0	- 2	4	
GILES	25 02 S	128 18 E	599		948.6	1016.5	19.9	+ 0.3	3.9	-2.0	0	0	- 5		105
MEEKATHARRA AIRPORT	26 36 S	118 31 E	518		956.6	1015.8	19.5	+ 1.2	7.6	-0.1	0	T	- 3	2	
KALGOORLIE AIRPORT	30 46 S	121 27 E	360		975.8	1017.8	15.5	+ 0.6	8.4	-0.7	4	11	- 3	4	
FORREST AIRPORT	30 50 S	128 06 E	160		1000.2	1019.3	15.1	+ 0.3	7.1	-1.9	3	17	+ 5	4	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	9		1012.3	1013.3	24.8	- 0.2	22.5	+0.1	2	4	- 18	2	
THURSDAY ISLAND	10 35 S	142 13 E	61		1004.8	1011.7	26.1	+ 0.1	25.2	+0.3	1	2	- 1	3	
DARWIN AIRPORT	12 24 S	130 52 E	30		1008.7	1012.1	27.9	+ 0.2	23.4	-0.4	1	1	- 15	1	100
TENNANT CREEK M.O.	19 38 S	134 10 E	376		972.3	1014.8	23.3	- 0.8	3.3	-3.1	0	0	- 6	3	108
ALICE SPRINGS AIRPORT	23 48 S	133 54 E	544		955.3	1017.9	16.6	- 1.7	4.5	-1.9	0	0	- 6	2	107
MT. ISA AIRPORT	20 39 S	139 29 E	342		976.1	1015.1	21.5	- 0.7	5.3	-1.0	0	0	- 6		107
LONGREACH AIRPORT	23 26 S	144 16 E	193		994.0	1016.4	19.5	- 1.3	5.8	-3.2	0	0	- 11	2	
CHARLEVILLE AIRPORT	26 25 S	146 16 E	304		981.7	1017.0	16.1	- 1.5	6.9	-1.8	2	8	- 16	3	
CAIRNS AIRPORT	16 53 S	145 45 E	7		1013.7	1014.5	23.0	- 0.2	17.8	-1.0	3	18	- 18	3	
TOWNSVILLE AIRPORT	19 15 S	146 45 E	6		1014.7	1015.4	21.9	- 0.4	13.0	-3.8	0	1	- 7	2	108
MACKAY	21 07 S	149 13 E	31		1011.9	1015.5	19.8	- 0.8	15.6	-2.4	1	6	- 6	2	
GLADSTONE	23 51 S	151 16 E	76		1007.3	1016.2	20.9	- 0.3	14.0	-1.5	1	36	+ 15	4	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1015.4	1016.1	18.0	- 0.2	11.9	-0.9	7	68	+ 35	4	105
AUSTRALIA-SOUTHEASTERN															
WOOMERA AERODROME	31 09 S	136 48 E	167		1001.0	1020.8	14.5	- 1.1	7.0	-1.4	0	1	- 15	1	109
MOREE	29 28 S	149 51 E	212		991.6	1016.5	14.2	- 1.4	10.4	-0.4	4	17	- 18	2	
COFFS HARBOUR AIRPORT	30 19 S	153 07 E	5		1015.1	1015.7	15.7	- 0.3	11.2	-2.1	11	70	+ 2	4	106
COBAR	31 29 S	145 49 E	265		986.6	1017.7	14.1	- 1.1	8.9	+0.5	1	9		2	
MILDURA AIRPORT	34 14 S	142 05 E	53		1012.5	1018.9	12.7	- 1.1	8.7	-1.1	3	7	- 19	2	
WAGGA AIRPORT	35 09 S	147 27 E	213		991.9	1017.2	10.3	- 1.0	9.9	+0.2	6	57	+ 10	4	
CANBERRA AIRPORT	35 18 S	149 11 E	577		948.6	1016.3	9.1	- 0.3	8.5	+0.3	10	73	+ 26	5	93
CEDUNA AIRPORT	32 07 S	133 42 E	17		1019.3	1021.4	13.7	- 0.8	8.3	-1.8	3	10	- 16	1	109

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		%
SEPTEMBER 1985															
AUSTRALASIA															
AUSTRALIA-SOUTHEASTERN															
ADELAIDE AIRPORT	34 56 S	138 31 E	4		1020.5	1021.0	12.3	- 1.0	9.5	-0.5	9	37	- 5	3	118
MT. GAMBIER AIRPORT	37 44 S	140 47 E	69		1011.6	1019.9	10.9	+ 0.1	9.9	-0.4	9	47	- 20	1	106
LAVERTON AERODROME	37 51 S	144 44 E	14		1017.7	1019.4	11.2	- 0.6	10.2	+0.2	8	34	- 17	2	101
EAST SALE AERODROME	38 06 S	147 08 E	8		1017.2	1018.2	10.9	- 0.3	10.7	+0.5	7	31	- 19	1	106
SYDNEY AIRPORT	33 57 S	151 11 E	3		1015.2	1015.7	14.7	- 0.2	10.9	0.0	8	47	- 13	2	98
WILLIAMTOWN AERODROME	32 47 S	151 49 E	11		1014.5	1015.8	14.3	- 0.6	12.0	+0.8	12	71	+ 13	3	110
HOBART AIRPORT	42 50 S	147 30 E	3		1016.0	1016.4	10.5	+ 0.1	9.2	+0.6	9	48	+ 5	3	64
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1008.4	1009.4	26.5	+ 0.4	26.1	-0.9	6	44		1	108
NORFOLK ISLAND AIRPORT	29 02 S	167 56 E	109		1003.5	1016.4	16.7	+ 0.6	15.0	+0.8	13	335		6	92
LORD HOWE ISLAND	31 31 S	159 05 E	46		1009.7	1015.2	17.1	+ 0.4	14.2	-0.3	9	100		2	
MACQUARIE ISLAND	54 29 S	158 56 E	6		999.5	1000.2	3.5	+ 0.2	6.6		19	103		5	
COCOS ISLAND AP	12 11 S	96 49 E	3		1012.7	1013.0	26.3	+ 0.4	24.3	-1.1	7	25		2	
OCTOBER 1985															
SOUTH AMERICA															
ANTARCTICA															
MAWSON	67 36 S	62 53 E	16		980.0	981.7	-14.5	- 1.5	0.9						
DAVIS	68 35 S	77 58 E	13		980.6	982.3	-12.9	- 0.6	1.2		3	6			
CASEY	66 16 S	110 32 E	15		978.7	980.6	-11.9	- 0.4			1	1			
AUSTRALASIA															
PAPUA NEW GUINEA															
MOMOTE M.O.	02 04 S	147 26 E	5		1009.2	1009.8	27.3	- 0.1	30.2		18	256		3	
RABAUL M.O.	04 13 S	152 11 E	9		1008.5	1009.5	27.5	0.0	28.4		12	165		4	
MADANG	05 13 S	145 48 E	12		1009.0	1009.6	27.2	+ 0.7	29.8		17	313		4	106
PORT MORESBY AIRPORT	09 26 S	147 13 E	47		1004.0	1009.3	27.5		26.4		7	49		4	111
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1009.9	1010.9	27.1	- 0.4	21.4	+0.8	0	0	- 1	3	
PORT HEDLAND AIRPORT	20 22 S	118 37 E	11		1010.4	1011.1	24.9	- 1.2	13.0	+0.7	0	T	- 1	3	
LEARMONTH AIRPORT	22 14 S	114 05 E	6		1011.8	1012.4	22.8	- 0.7	13.4		1	2			
CARNARVON AIRPORT	24 53 S	113 40 E	7		1012.3	1018.1	21.2	+ 0.3	13.4	-0.4	0	T	- 4	1	
GERALDTON AIRPORT	28 47 S	114 42 E	34		1010.0	1014.0	17.7	+ 0.2	11.1	-1.3	5	9	- 11	2	
PERTH AIRPORT	31 56 S	115 57 E	12		1014.3	1015.7	16.5	+ 0.4	10.8	-1.3	4	23	- 29	1	103
ALBANY AIRPORT	34 57 S	117 48 E	69		1008.1	1016.4	13.3	- 0.6	11.1	-1.3	10	71	- 11	3	
ESPERANCE	33 49 S	121 53 E	26		1013.2	1016.3	15.6	0.0	10.9	-0.4	8	54	+ 4	3	
HALLS CREEK	18 13 S	127 39 E	424		961.6	1008.2	30.1	+ 0.2	11.4	+0.3	2	4	- 8	3	
GILES	25 02 S	128 18 E	599		944.5	1011.1	23.5	- 0.4	7.6	+1.5	3	19	+ 12		86
MEEKATHARRA AIRPORT	26 36 S	118 31 E	518		953.1	1011.5	22.1	+ 0.3	8.0	+0.3	0	T	- 4	2	
KALGOORLIE AIRPORT	30 46 S	121 27 E	360		972.5	1014.0	17.3	- 0.8	8.3	-1.4	1	8	- 4	3	
FORREST AIRPORT	30 50 S	128 06 E	160		995.9	1014.7	17.4	0.0	8.9	-0.5	7	38	+ 22	5	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	9		1011.7	1012.7	26.7	+ 0.6	24.9	+0.2	2	16	- 8	3	
THURSDAY ISLAND	10 35 S	142 13 E	61		1004.5	1011.4	27.3	+ 0.1	26.3	+0.2	3	37	+ 27	5	
DARWIN AIRPORT	12 24 S	130 52 E	30		1007.3	1010.7	29.1	+ 0.1	27.0	+0.4	7	82	+ 14	4	108
TENNANT CREEK M.O.	19 38 S	134 10 E	376		968.5	1010.4	27.7	+ 0.1	10.1	+1.1	4	23	+ 9	5	99
ALICE SPRINGS AIRPORT	23 48 S	133 54 E	544		951.0	1012.3	22.4	- 0.2	6.9	+0.6	1	31	+ 11	4	83
MT. ISA AIRPORT	20 39 S	139 29 E	342		972.9	1011.3	24.9	- 1.4	8.7	+0.7	5	15	+ 1		91
LONGREACH AIRPORT	23 26 S	144 16 E	193		991.0	1013.1	23.3	- 1.6	11.7	-0.1	7	56	+ 29	5	
CHARLEVILLE AIRPORT	26 25 S	146 16 E	304		978.9	1013.6	21.2	- 0.6	10.6	+0.2	7	36	- 5	4	
CAIRNS AIRPORT	16 53 S	145 45 E	7		1012.5	1013.3	25.3	+ 0.4	22.9	+1.9	9	95	+ 60	5	
TOWNSVILLE AIRPORT	19 15 S	146 45 E	6		1013.3	1014.0	24.9	+ 0.1	20.1	+0.4	6	100	+ 81	5	89
MACKAY	21 07 S	149 13 E	31		1011.0	1014.6	23.1	- 0.2	20.9	0.0	11	154	+117	5	
GLADSTONE	23 51 S	151 16 E	76		1006.5	1015.3	22.5	- 1.0	18.5	-0.1	7	90	+ 27	4	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1014.9	1015.6	20.3	- 0.4	14.9	-0.5	10	129	+ 18	5	95
AUSTRALIA-SOUTHEASTERN															
WOOMERA AERODROME	31 09 S	136 48 E	167		995.4	1014.9	19.1	+ 0.1	8.5	-0.1	4	20	+ 7	4	97
MOREE	29 28 S	149 51 E	212		990.1	1014.6	18.7	- 1.0	12.4	+0.2	5	64	+ 15	4	
COFFS HARBOUR AIRPORT	30 19 S	153 07 E	5		1014.9	1015.5	18.7	+ 0.3	14.2	-2.9	11	136	+ 31	5	105
COBAR	31 29 S	145 49 E	265		983.5	1014.2	18.5	- 0.7	10.4	+1.0	6	82		5	
MILDURA AIRPORT	34 14 S	142 05 E	53		1008.5	1014.8	17.6	+ 0.9	9.5	-1.0	7	52	+ 22	4	
WAGGA AIRPORT	35 09 S	147 27 E	213		990.2	1015.2	14.7	+ 0.2	11.3	-0.1	8	74	+ 16	4	
CANBERRA AIRPORT	35 18 S	149 11 E	577		948.7	1015.6	12.6	+ 0.1	10.6	+0.6	8	63	- 7	3	91
CEDUNA AIRPORT	32 07 S	133 42 E	17		1013.9	1015.9	15.9	- 0.8	10.7	+0.5	7	55	+ 30	5	95
ADELAIDE AIRPORT	34 56 S	138 31 E	4		1015.0	1015.5	16.1	+ 0.5	10.5	+0.2	7	38	+ 4	3	113
MT. GAMBIER AIRPORT	37 44 S	140 47 E	69		1007.1	1015.4	13.4	+ 1.1	10.7	-0.3	10	66	+ 4	4	102
LAVERTON AERODROME	37 51 S	144 44 E	14		1014.4	1016.1	13.7	+ 0.1	11.2	+0.2	8	66	+ 8	4	128
EAST SALE AERODROME	38 06 S	147 08 E	8		1015.3	1016.3	13.0	- 0.3	12.1	+0.4	10	63	- 3	3	106
SYDNEY AIRPORT	33 57 S	151 11 E	3		1015.5	1016.0	17.9	+ 0.5	13.4	+0.3	10	116	+ 42	5	98
WILLIAMTOWN AERODROME	32 47 S	151 49 E	11		1014.2	1015.5	17.7	+ 0.1	14.8	+1.3	13	159	+ 81	5	103
HOBART AIRPORT	42 50 S	147 30 E	3		1017.7	1018.1	11.9	- 0.3	9.6	+0.5	7	46	- 15	2	

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		%
OCTOBER 1985															
AUSTRALASIA															
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1008.5	1009.5	26.5	0.0	26.6	-1.0	7	123		3	
NORFOLK ISLAND AIRPORT	29 02 S	167 56 E	109		1005.1	1017.9	17.4	+ 0.1	15.2	-0.1	12	171		5	91
LORD HOWE ISLAND	31 31 S	159 05 E	46		1011.7	1017.1	18.1	0.0	15.9	-0.4	9	129		3	
MACQUARIE ISLAND	54 29 S	158 56 E	6		1002.6	1003.3	4.7	+ 1.0	7.5		15	61		2	113
COCOS ISLAND AP	12 11 S	96 49 E	3		1011.3	1011.6	26.5	+ 0.2	26.7	+1.4	5	73		3	
NOVEMBER 1985															
SOUTH AMERICA															
ANTARCTICA															
MAWSON	67 36 S	62 53 E	16		978.1	979.7	- 7.9	- 2.4	1.4						
DAVIS	68 35 S	77 58 E	13		976.1	977.7	- 5.9	- 0.7	2.0		1	1			
CASEY	66 16 S	110 32 E	15		974.8	976.7	- 5.6	+ 0.1	3.0		0	2			
AUSTRALASIA															
PAPUA NEW GUINEA															
MOMOTE M.O.	02 04 S	147 26 E	5		1007.7	1008.3	27.4	+ 0.1	30.0		20	252		3	
RABAUL M.O.	04 13 S	152 11 E	9		1007.0	1008.0	26.9	- 0.4	27.2		12	125		2	
MADANG	05 13 S	145 48 E	12		1007.3	1007.9	27.3	+ 0.8	29.5		21	370		3	87
PORT MORESBY AIRPORT	09 26 S	147 13 E	47		1002.3	1007.6	27.3		28.9		9	175		5	81
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1006.6	1007.6	29.5	+ 0.3	26.3	+1.9	0	T	- 8	2	
PORT HEDLAND AIRPORT	20 22 S	118 37 E	11		1006.5	1007.2	29.5	+ 0.9	15.3	-0.5	0	0	- 5	3	
LEARMONTH AIRPORT	22 14 S	114 05 E	6		1009.4	1010.0	26.3	+ 0.1	15.2		0	0		0	
CARNARVON AIRPORT	24 53 S	113 40 E	7		1010.8	1011.6	22.9	+ 0.2	16.4	+0.3	2	7	+ 6	5	
GERALDTON AIRPORT	28 47 S	114 42 E	34		1008.3	1012.3	20.6	+ 0.3	13.7	+0.7	2	3	- 5	2	
PERTH AIRPORT	31 56 S	115 57 E	12		1011.8	1013.2	20.3	+ 1.6	12.4	-0.2	3	25	+ 2	3	106
ALBANY AIRPORT	34 57 S	117 48 E	69		1006.6	1014.8	15.9	+ 0.2	13.7	+0.3	10	52	+ 9	4	
ESPERANCE	33 49 S	121 53 E	26		1011.4	1014.5	18.5	+ 0.8	12.7	+0.2	5	46	+ 9	4	
HALLS CREEK	18 13 S	127 39 E	424		959.6	1005.9	32.3	+ 0.9	15.3	+1.2	3	39	+ 8	4	
GILES	25 02 S	128 18 E	599		943.1	1008.9	28.0	+ 1.0	8.3	+1.0	1	1	- 16	0	93
MEEKATHARRA AIRPORT	26 36 S	118 31 E	518		951.5	1008.7	27.1	+ 1.3	9.0	+0.6	1	4	- 5	4	
KALGOORLIE AIRPORT	30 46 S	121 27 E	360		971.0	1011.9	22.1	+ 0.7	9.5	-1.2	4	28	+ 13	4	
FORREST AIRPORT	30 50 S	128 06 E	160		994.7	1013.3	20.5	+ 0.3	10.5	+0.2	3	6	- 7	2	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	9		1008.5	1009.5	27.8	+ 0.4	27.4	+0.9	4	73	+ 37	5	
THURSDAY ISLAND	10 35 S	142 13 E	61		1002.1	1009.0	28.5	+ 0.3	29.1	+1.4	7	73	+ 38	4	
DARWIN AIRPORT	12 24 S	130 52 E	30		1005.0	1008.4	29.9	+ 0.7	29.7	+1.5	7	58	- 89	0	99
TENNANT CREEK M.O.	19 38 S	134 10 E	376		966.1	1007.4	31.0	+ 1.4	14.0	+2.1	5	18	- 7	3	109
ALICE SPRINGS AIRPORT	23 48 S	133 54 E	544		948.5	1009.2	26.5	+ 1.0	9.8	+2.0	5	22	- 1	3	96
MT. ISA AIRPORT	20 39 S	139 29 E	342		970.1	1007.9	28.2	- 0.8	14.0	+4.9	9	72	+ 54		100
LONGREACH AIRPORT	23 26 S	144 16 E	193		987.4	1009.0	26.8	- 1.1	17.3	+5.7	6	57	+ 37	5	
CHARLEVILLE AIRPORT	26 25 S	146 16 E	304		976.3	1010.4	23.9	- 1.3	15.5	+4.1	11	158	+118	6	
CAIRNS AIRPORT	16 53 S	145 45 E	7		1009.1	1009.9	27.1	+ 0.8	26.4	+3.1	8	172	+ 88	5	
TOWNSVILLE AIRPORT	19 15 S	146 45 E	6		1009.9	1010.6	26.8	+ 0.1	25.2	+3.2	8	158	+108	5	89
MACKAY	21 07 S	149 13 E	31		1007.9	1011.5	25.1	- 0.3	25.6	+2.3	11	338	+264	5	
GLADSTONE	23 51 S	151 16 E	76		1003.9	1012.6	25.1	- 0.2	21.8	+0.4	8	49	- 33	2	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1012.8	1013.5	22.7	- 0.1	18.3	+0.9	8	38	- 52	2	87
AUSTRALIA-SOUTHEASTERN															
WOOMERA AERODROME	31 09 S	136 48 E	167		993.7	1013.0	22.9	+ 0.9	10.7	+1.6	1	2	- 11	2	90
MOREE	29 28 S	149 51 E	212		988.1	1012.3	22.7	- 0.2	14.4	+0.1	8	67	+ 14	4	
COFFS HARBOUR AIRPORT	30 19 S	153 07 E	5		1013.3	1013.9	20.5	0.0	17.1	-1.3	11	120	+ 20	4	102
COBAR	31 29 S	145 49 E	265		981.9	1012.1	21.5	- 1.0	13.4	+4.5	8	69		5	
MILDURA AIRPORT	34 14 S	142 05 E	53		1007.9	1014.1	20.1	+ 0.5	12.3	+1.6	3	14	- 11	3	
WAGGA AIRPORT	35 09 S	147 27 E	213		988.4	1013.1	18.2	+ 0.4	13.4	+1.8	8	92	+ 45	5	
CANBERRA AIRPORT	35 18 S	149 11 E	577		947.1	1012.8	15.5	+ 0.1	12.2	+1.4	10	74	+ 10	4	87
CEDUNA AIRPORT	32 07 S	133 42 E	17		1012.5	1014.5	19.3	+ 0.4	11.9	+1.3	2	7	- 15	2	97
ADELAIDE AIRPORT	34 56 S	138 31 E	4		1015.1	1015.6	18.3	+ 0.5	12.0	+1.3	3	10	- 19	2	97
MT. GAMBIER AIRPORT	37 44 S	140 47 E	69		1007.5	1015.7	14.8	+ 0.9	12.5	+1.3	5	59	+ 14	4	84
LAVERTON AERODROME	37 51 S	144 44 E	14		1013.7	1015.4	15.9	+ 0.4	13.5	+2.1	10	76	+ 24	4	116
EAST SALE AERODROME	38 06 S	147 08 E	8		1014.4	1015.4	15.5	+ 0.4	13.7	+1.2	13	105	+ 40	5	83
SYDNEY AIRPORT	33 57 S	151 11 E	3		1013.5	1014.0	19.6	+ 0.2	16.2	+1.8	8	100	+ 20	4	100
WILLIAMTOWN AERODROME	32 47 S	151 49 E	11		1012.5	1013.8	19.8	0.0	16.9	+1.8	11	79	+ 5	4	105
HOBART AIRPORT	42 50 S	147 30 E	3		1015.6	1016.0	13.6	- 0.1	10.3	+0.6	6	28	- 21	2	
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1006.8	1007.8	26.9	+ 0.3	27.9	-0.1	15	333		6	
NORFOLK ISLAND AIRPORT	29 02 S	167 56 E	109		1002.6	1015.4	18.5	- 0.4	16.5	-0.5	11	111		5	57
LORD HOWE ISLAND	31 31 S	159 05 E	46		1009.3	1014.7	18.9	- 0.7	16.6	-1.2	12	1260		3	
COCOS ISLAND AP	12 11 S	96 49 E	3		1011.7	1012.0	26.7	+ 0.1	25.3	-1.2	2	34		2	

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	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
DECEMBER 1985															
SOUTH AMERICA															
ANTARCTICA															
DAVIS	68 35 S	77 58 E	13		984.5	986.1	- 1.3	- 1.2	2.8		3	7			
CASEY	66 16 S	110 32 E	15		985.6	987.5	- 2.1	- 1.0	3.7		4	9			
AUSTRALASIA															
PAPUA NEW GUINEA															
MOMOTE M.O.	02 04 S	147 26 E	5		1007.8	1008.4	26.8	- 0.2	30.5		23	389		4	
RABAUL M.O.	04 13 S	152 11 E	9		1007.1	1008.1	27.2	+ 0.1	29.8		17	195		2	
MADANG	05 13 S	145 48 E	12		1007.4	1008.0	26.9	+ 0.4	30.0		18	183		1	110
PORT MORESBY AIRPORT	09 26 S	147 13 E	47		1002.3	1007.6	27.9		27.9		13	65		2	97
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1005.9	1006.9	29.7	- 0.5	25.3	-2.4	4	53	+ 10	4	
PORT HEDLAND AIRPORT	20 22 S	118 37 E	11		1005.9	1006.6	29.8	- 0.5	14.8	-5.0	0	0	- 17	2	
LEARMONTH AIRPORT	22 14 S	114 05 E	6		1008.6	1009.2	28.3	- 1.1	13.4		0	0			
CARNARVON AIRPORT	24 53 S	113 40 E	7		1010.6	1011.4	23.7	- 1.1	14.4	-4.5	0	0	- 1	3	
GERALDTON AIRPORT	28 47 S	114 42 E	34		1009.4	1013.3	20.5	- 2.4	11.6	-3.3	1	5	0	4	
PERTH AIRPORT	31 56 S	115 57 E	12		1012.6	1014.0	19.8	- 1.8	11.6	-2.2	2	8	- 7	2	108
ALBANY AIRPORT	34 57 S	117 48 E	69		1005.8	1013.9	16.3	- 1.9	11.5	-2.6	10	41	+ 8	3	
ESPERANCE	33 49 S	121 53 E	26		1010.5	1013.6	18.7	- 1.0	12.9	-0.5	4	19	+ 7	3	
HALLS CREEK	18 13 S	127 39 E	424		959.1	1005.3	33.2	+ 1.8	15.4	-2.6	6	50	- 18	3	
GILES	25 02 S	128 18 E	599		942.0	1007.2	29.5	+ 0.7	7.6	-1.5	2	11	- 20		107
MEEKATHARRA AIRPORT	26 36 S	118 31 E	518		951.9	1008.7	27.7	- 1.5	7.2	-2.5	0	0	- 6	1	
KALGOORLIE AIRPORT	30 46 S	121 27 E	360		970.4	1010.9	23.1	- 1.3	9.2	-2.4	1	1	- 11	1	
FORREST AIRPORT	30 50 S	128 06 E	160		992.3	1010.7	21.9	- 0.4	10.5	-1.2	0	1	- 11	1	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	9		1007.9	1008.9	28.5	+ 0.5	28.1	+3.4	5	74	- 12	3	
THURSDAY ISLAND	10 35 S	142 13 E	61		1001.9	1008.8	28.7	+ 0.5	30.2	+1.0	9	200	- 18	3	
DARWIN AIRPORT	12 24 S	130 52 E	30		1004.2	1007.6	30.5	+ 1.7	30.2	+0.6	4	92	-138	1	113
TENNANT CREEK M.O.	19 38 S	134 10 E	376		965.4	1006.6	32.1	+ 1.1	15.5	+1.6	7	106	+ 55	5	101
ALICE SPRINGS AIRPORT	23 48 S	133 54 E	544		947.2	1007.2	29.7	+ 2.1	8.1	-0.4	2	3	- 29	2	110
MT. ISA AIRPORT	20 39 S	139 29 E	342		969.1	1006.7	30.6	+ 0.6	12.0	+0.1	6	67	+ 19		105
LONGREACH AIRPORT	23 26 S	144 16 E	193		985.3	1006.7	30.2	+ 0.8	16.7	+0.8	6	24	- 37	1	
CHARLEVILLE AIRPORT	26 25 S	146 16 E	304		973.6	1007.5	26.6	- 0.8	13.9	-0.3	8	59	+ 1	4	
CAIRNS AIRPORT	16 53 S	145 45 E	7		1008.1	1008.9	28.5	+ 1.3	27.9	+3.2	7	37	-130	2	
TOWNSVILLE AIRPORT	19 15 S	146 45 E	6		1008.4	1009.1	28.9	+ 1.4	28.1	+4.3	6	47	- 66	3	123
MACKAY	21 07 S	149 13 E	31		1005.7	1009.2	27.7	+ 1.5	28.1	+3.2	6	64	-139	3	
GLADSTONE	23 51 S	151 16 E	76		1001.1	1009.7	27.7	+ 1.3	26.6	+3.0	7	125	- 25	4	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1008.3	1009.0	25.5	+ 1.2	22.9	+3.5	7	64	- 67	2	105
AUSTRALIA-SOUTHEASTERN															
WOOMERA AERODROME	31 09 S	136 48 E	167		990.7	1009.7	23.4	- 1.3	9.6	-0.4	0	1	- 9	2	106
MOREE	29 28 S	149 51 E	212		983.9	1007.9	24.3	- 1.3	16.5	-0.5	8	117	+ 61	5	
COFFS HARBOUR AIRPORT	30 19 S	153 07 E	5		1008.1	1008.7	22.9	+ 0.8	18.3	-3.6	9	102	- 47	3	111
COBAR	31 29 S	145 49 E	265		977.8	1007.7	23.5	- 2.0	11.9	+1.5	4	112		6	
MILDURA AIRPORT	34 14 S	142 05 E	53		1002.4	1008.5	21.2	- 1.1	11.7	+0.1	5	31	+ 11	5	
WAGGA AIRPORT	35 09 S	147 27 E	213		983.1	1007.4	19.3	- 2.2	13.3	+0.8	9	60	+ 16	4	
CANBERRA AIRPORT	35 18 S	149 11 E	577		941.4	1006.2	17.9	- 0.7	12.5	+0.7	6	30	- 27	2	102
CEDUNA AIRPORT	32 07 S	133 42 E	17		1009.5	1011.5	19.9	- 0.6	12.9	+0.7	4	19	- 3	4	102
ADELAIDE AIRPORT	34 56 S	138 31 E	4		1009.1	1009.6	18.9	- 0.8	12.1	+0.5	7	30	+ 6	4	91
MT. GAMBIER AIRPORT	37 44 S	140 47 E	69		999.7	1007.8	16.1	0.0	13.3	+1.7	14	69	+ 32	5	74
LAVERTON AERODROME	37 51 S	144 44 E	14		1005.4	1007.0	18.1	+ 0.3	14.2	+2.0	16	115	+ 69	6	
EAST SALE AERODROME	38 06 S	147 08 E	8		1006.0	1006.9	17.7	+ 0.5	15.1	+1.5	16	128	+ 69	5	92
SYDNEY AIRPORT	33 57 S	151 11 E	3		1006.9	1007.4	23.1	+ 1.8	16.7	0.0	9	89	+ 8	4	109
WILLIAMTOWN AERODROME	32 47 S	151 49 E	11		1006.4	1007.7	22.8	+ 1.0	18.8	+1.5	8	70	- 24	3	104
HOBART AIRPORT	42 50 S	147 30 E	3		1006.7	1007.1	15.6	+ 0.2	12.9	+2.5	17	168	+112	6	
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1006.8	1007.8	27.2	+ 0.5	28.4	0.0	15	326		4	
NORFOLK ISLAND AIRPORT	29 02 S	167 56 E	109		1000.9	1012.5	20.8	+ 0.4	20.2	+1.4	6	27		1	83
LORD HOWE ISLAND	31 31 S	159 05 E	46		1006.4	1011.7	21.3	0.0	19.1	-0.2	6	124		3	
COCOS ISLAND AP	12 11 S	96 49 E	3		1011.3	1011.6	27.2	+ 0.4	25.0	-2.1	2	5		1	
JANUARY 1986															
EUROPE															
FRANCE															
CHERBOURG	49 39 N	01 28 W	138	31	992.8	1009.7	5.5		7.4		22	153			
BREST/GUIPAVAS	48 27 N	04 25 W	103	31	999.7	1012.3	7.2	+ 1.1	8.4	-0.1	29	195	+ 62	4	71
NANTES	47 10 N	01 36 W	27	31	1010.7	1014.0	6.5	+ 1.5	8.2	+0.2	20	125	+ 44	5	103
TRAPPES	48 46 N	02 01 E	168	31	991.1	1011.9	3.6	+ 1.0	6.9	-0.1	18	96	+ 39	5	127
PARIS/LE BOURGET	48 58 N	02 27 E	65	31	1004.2	1012.2	4.3	+ 1.2	7.1	+0.1	15	84	+ 30	5	129
NANCY/ESSEY	48 41 N	06 13 E	217	31	986.2	1013.1	2.1	+ 1.3	6.2	+0.2	16	120	+ 53	5	73
STRASBOURG	48 33 N	07 38 E	154	31	993.7	1012.8	2.6	+ 2.2	5.9	+0.1	11	50	+ 11	4	92
DIJON	47 16 N	05 05 E	227	31	986.2	1014.2	2.1	+ 0.8	6.5	+0.4	17	95	+ 31	5	54
BOURGES	47 04 N	02 22 E	166	31	993.6	1014.1	4.2	+ 1.2	7.8	+1.0	17	58	0	3	87
LIMOGES	45 52 N	01 11 E	402	31	967.7	1016.6	3.6	+ 0.5	7.5	+0.8	19	156	+ 67	5	73
LYON/BRON	45 43 N	04 57 E	201	31	991.3	1016.1	3.0	+ 0.9	6.3	0.0	18	64	+ 12	4	76

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 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
JANUARY 1986															
EUROPE															
FRANCE															
BORDEAUX/MERIGNAC	44 50 N	00 42 W	61	31	1008.7	1016.2	6.6	+ 1.4	8.9	+0.8	21	203	+113	6	79
TOULOUSE/BLAGNAC	43 38 N	01 22 E	153	31	999.4	1018.2	5.8	+ 1.3	8.1	+0.6	19	87	+ 38	5	86
PERPIGNAN	42 44 N	02 52 E	48	31	1007.0	1013.0	8.4	+ 0.9	7.6	+0.1	12	135	+ 96	5	79
NIMES/COURBESSAC	43 52 N	04 24 E	62	31	1007.9	1015.6	6.1	+ 0.4	6.2	-0.4	8	135	+ 86	5	113
MARSEILLE/MARIGNANE	43 27 N	05 13 E	36	31	1010.2	1014.7	6.0	+ 0.5	7.1	-0.1	11	115	+ 72	5	124
NICE	43 39 N	07 12 E	10	31	1011.0	1012.2	8.1	+ 0.6	6.2	-1.5	9	182	+114	5	114
AJACCIO	41 55 N	08 48 E	9	31	1012.3	1013.0	8.3	+ 0.6	8.5	-0.2	14	153	+ 77	5	92
ITALY															
MILANO/LINATE	45 26 N	09 17 E	103	31	1000	1013	2.0	+ 1.4	5.6	-0.1	8	83	+ 31	5	165
VERONA/VILLAFRANCA	45 23 N	10 52 E	68	31	1005	1013	1.9	+ 1.0	6.0	+0.2	8	88	+ 51	5	
UDINE RIVOLTO	45 59 N	13 02 E	53	31	1007	1013	2.7		5.9		7	42			
PISA/S. GIUSTO	43 41 N	10 23 E	1	31	1011	1012	6.4	- 0.4	7.4	-0.4	11	130	+ 47	5	90
NAPOLI/CAPODICHINO	40 51 N	14 18 E	72	31	1013	1015	9.2	+ 0.7	8.8	+0.4	14	149	+ 27	5	93
TRIESTE	45 39 N	13 45 E	20	31	1010	1012	5.2	+ 0.4	6.1	+0.1	1	29	- 37	1	100
VENEZIA/TESSERA	45 30 N	12 20 E	6	31	1012	1013	2.2	0.0	6.0	+0.4	8	166	+116	6	107
FALCONARA	43 37 N	13 22 E	10	31	1010	1012	6.0		7.6		7	32			
PESCARA	42 26 N	14 12 E	11	31	1010	1011	7.6	+ 1.7	7.8	+0.2	6	29	- 40	1	103
MARINA DI GINOSA	40 26 N	16 53 E	12	31	1011	1012	9.2	+ 0.2	9.3	+0.3	4	19	- 24	1	
BRINDISI	40 39 N	17 57 E	10	31	1012	1013	10.3	+ 1.0	9.6	+0.4	9	46	- 33	3	105
ALGHERO	40 38 N	08 17 E	40	31	1011	1015	9.9	+ 0.1	10.1	+0.3	16	132	+ 72	6	94
CAGLIARI/ELMAS	39 15 N	09 03 E	18	31	1015	1015	9.3	0.0	9.4	-0.2	14	77	+ 22	4	92
TRAPANI/BIRGI	37 55 N	12 30 E	14	31	1014	1016	12.0	+ 1.9	11.0	+1.0	9	61	- 10	3	107
CATANIA/FONTANAROSSA	37 28 N	15 03 E	17	31	1013	1015	10.1	0.0	9.3	-0.8	9	29	- 71	1	
MESSINA	38 12 N	15 33 E	51	31	1007	1014	11.9	+ 0.7	10.2	+0.6	17	193	+ 47	4	111
AFRICA															
TUNISIA															
TUNIS CARTHAGE	36 50 N	10 14 E	4	31	1017	1017	11.7	+ 0.6	10.3	0.0	8	34	- 36	1	
GABON															
BITAM	02 05 N	11 29 E	599	31	943.9	1010.0	23.7	- 0.9	24.7		2	12	- 35		
MITZIC	00 47 N	11 32 E	583	31	945.5	1010.0	23.8	- 0.5	25.3		5	106	+ 15		
MEKAMBO	01 01 N	13 56 E	501	31	954.1	1009.8	23.2	- 0.7	23.8		3	22	- 55		
MAKOKOU	00 34 N	12 52 E	515	31	953.0	1009.8	24.0	- 0.3	25.6		2	10	- 75		
LASTOURSVILLE	00 50 S	12 43 E	485	31	957.2	1010.7	24.1	+ 0.1	26.5		4	84	- 61		
MOANDA	01 32 S	13 16 E	573	31	946.7	1010.0	24.0	- 1.8	25.0		5	69	-114		
LAMBARENE	00 43 S	10 14 E	26	31	1007.8	1010.7	26.5	- 0.3	29.8		7	225	+ 43		
MOUILA	01 52 S	11 01 E	89	31	1000.5	1010.6	26.1	- 0.9	29.6		14	155	- 77		
TCHIBANGA	02 51 S	11 01 E	79	31	999.1	1008.2	25.6	- 0.5	28.7		6	90	- 86		
MAYUMBA	03 25 S	10 39 E	34	31	1006.5	1010.5	26.1	- 0.2	30.1		14	299	+ 83		
PORT-GENTIL	00 42 S	08 45 E	4	31	1010.1	1010.6	27.0	+ 0.2	30.9		10	134	-117		
LIBREVILLE	00 27 N	09 25 E	15	31	1008.8	1010.5	26.9	+ 0.2	29.9		10	126	-158		
COCOBEACH	01 00 N	09 36 E	13	31	1009.2	1010.7	26.9	+ 0.4	30.8		12	155	- 12		
AUSTRALASIA															
INDONESIA															
JAKARTA/OBS	06 11 S	106 50 E	8			1009.5	25.8	+ 0.5			20	370	+ 44		
FEBRUARY 1986															
AFRICA															
TUNISIA															
TUNIS CARTHAGE	36 50 N	10 14 E	4	28	1010	1010	11.9	+ 0.1	10.1	-0.3	10	24	- 26	2	
GABON															
BITAM	02 05 N	11 29 E	599	28	943.1	1009.1	23.9	- 1.1	29.9		7	74	- 1		
MITZIC	00 47 N	11 32 E	583	28	994.8	1009.2	23.4	- 0.5	24.7		12	176	+ 61		
MEKAMBO	01 01 N	13 56 E	501	28	953.3	1008.8	23.5	- 0.8	23.1		9	103	- 9		
MAKOKOU	00 34 N	12 52 E	515	28	951.8	1008.6	24.2	- 0.4	25.5		6	34	- 88		
LASTOURSVILLE	00 50 S	12 43 E	485	28	956.2	1009.6	23.9	- 0.9	25.9		11	182	+ 31		
MOANDA	01 32 S	13 16 E	573	28	945.9	1009.2	24.3	- 0.4	25.2		15	291	+ 85		
LAMBARENE	00 43 S	10 14 E	26	28	1007.0	1009.9	26.2	- 1.0	29.2		13	218	+ 70		
MOUILA	01 52 S	11 01 E	89	28	999.6	1009.8	25.6	- 1.7	28.4		14	215	- 10		
TCHIBANGA	02 51 S	11 01 E	79	28	998.4	1007.4	25.5	- 1.4	28.2		19	216	+ 52		
MAYUMBA	03 25 S	10 39 E	34	28	1005.6	1009.7	26.4	+ 0.2	30.1		14	380	+126		
PORT-GENTIL	00 42 S	08 45 E	4	28	1009.4	1009.9	27.1	+ 0.4	30.0		15	224	- 77		
LIBREVILLE	00 27 N	09 25 E	15	28	1007.8	1009.5	26.7	- 0.2	29.5		14	247	- 33		
COCOBEACH	01 00 N	09 36 E	13	28	1008.9	1009.9	26.3	+ 0.5	29.9		13	212	- 14		

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		%
NOVEMBER 1985															
ASIA															
JAPAN															
SAPPORO	43 03 N	141 20 E	19								17				
KAGOSHIMA	31 34 N	130 33 E	5						11.8	-0.5					
DECEMBER 1985															
ASIA															
JAPAN															
ASAHIKAWA	43 46 N	142 22 E	116								27				
HACHIJOJIMA	33 06 N	139 47 E	80								12				

UPPER AIR DATA

APRIL 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
ALASKA																																									
BARROW	2	1,022		-23.8	2.7					1,394	0	-16.7	7.7	0	21	139	2	2,836	0	-23.2	7.6	0	15	202	1	5,232	0	-37.7	5.0	0	13	255	1	8,614	0	-52.7		0	17	311	2
		11,260	0	-48.0		0	54	272	4	13,162	1	-47.4		0	65	266	4	15,844	0	-47.7		0	69	265	4	20,411	2	-49.0		2	28	276	2	23,755	8	-49.6		11	27	356	2
BARTER ISLAND	2	1,021		-23.7	2.9					1,388	0	-16.0	6.7	1	23	136	2	2,835	0	-22.4	6.3	0	24	147	2	5,235	0	-37.1	5.8	0	22	205	2	8,617	0	-53.4		0	25	226	3
		11,261	0	-48.0		0	59	254	5	13,160	0	-47.5		0	58	262	4	15,839	0	-47.9		0	61	263	5	20,398	0	-49.6		0	32	274	2	23,737	1	-49.7		2	32	59	2
KOTZEBUE	2	1,019		-17.0	3.2					1,382	5	-14.6	6.6	7	33	113	2	2,835	5	-21.3	7.6	7	11	142	1	5,245	5	-36.5	5.8	7	18	250	2	8,644	5	-51.4		8	42	275	4
		11,295	5	-47.8		9	63	272	4	13,195	6	-47.2		9	62	258	4	15,873	6	-48.1		9	56	261	3	20,437	7	-49.6		8	13	16	1	23,770	7	-51.0		7	45	45	2
NOME	2	1,017		-13.7	3.4					1,382	1	-13.5	8.9	2	8	41	**	2,843	1	-19.9	9.7	1	29	330	2	5,269	1	-34.7	8.1	1	49	311	5	8,681	1	-52.2		1	59	306	8
		11,318	1	-49.3		2	68	290	6	13,213	2	-48.8		2	68	272	5	15,880	5	-49.3		5	74	266	3	20,415	7	-50.8		7	5	181	**	23,751	12	-52.3		12	30	45	1
FAIRBANKS	2	998		-7.8	7.2					1,376	0	-11.6	6.4	0	16	239	1	2,841	0	-20.1	7.2	0	37	232	2	5,261	0	-35.6	6.9	0	65	236	5	8,659	0	-53.6		0	63	235	9
		11,304	0	-47.8		0	71	256	6	13,205	0	-47.8		0	69	262	5	15,873	1	-48.8		1	66	256	4	20,411	1	-51.0		1	33	242	2	23,727	2	-52.1		2	45	65	2
MCGRATH	2	1,002		-8.8	4.4					1,374	0	-12.1	4.2	1	24	59	1	2,838	0	-19.7	8.1	0	9	290	1	5,263	0	-35.0	8.0	0	27	258	3	8,670	1	-52.4		1	51	268	7
		11,323	1	-47.7		1	76	272	8	13,225	1	-47.8		1	78	262	6	15,894	1	-49.0		1	75	254	4	20,429	1	-50.8		1	15	225	1	23,747	1	-52.2		1	42	58	2
BETHEL	2	1,011		-8.6	2.9					1,375	2	-11.6	8.7	5	21	18	1	2,843	2	-18.7	11.1	4	34	323	2	5,279	2	-33.7	8.8	3	53	298	6	8,708	2	-51.3		5	64	294	10
		11,346	2	-49.1		4	75	283	8	13,237	2	-48.8		4	71	274	6	15,898	3	-49.9		5	75	271	4	20,418	3	-51.5		5	17	253	1	23,734	7	-53.0		9	55	72	2
ANCHORAGE	2	1,005		-2.8	5.1					1,361	0	-8.8	5.2	0	34	52	2	2,839	0	-17.7	7.5	1	25	193	2	5,271	1	-34.1	7.9	1	46	230	4	8,696	3	-52.7		3	68	253	10
		11,343	3	-47.8		3	79	264	9	13,243	3	-48.1		3	84	269	7	15,904	3	-49.7		3	78	262	5	20,425	3	-51.7		3	41	251	2	23,730	4	-52.9		4	33	73	2
ST. PAUL	2	1,014		-3.3	1.7					1,392	0	-8.9	6.0	1	25	265	3	2,875	0	-16.4	8.8	0	42	283	6	5,335	0	-31.0	9.4	0	54	280	9	8,796	1	-50.7		0	56	284	12
		11,427	0	-50.7		1	68	270	11	13,310	2	-50.2		2	77	271	9	15,955	2	-50.4		2	86	261	6	20,466	2	-52.0		2	70	245	2	23,764	3	-53.1		3	42	102	2
COLD BAY	2	1,012		-0.9	2.5					1,398	1	-8.7	5.0	6	64	293	7	2,885	1	-15.5	8.2	5	73	292	10	5,353	1	-30.4	10.7	4	69	284	12	8,819	1	-50.5		5	76	276	16
		11,456	2	-50.7		6	86	273	16	13,336	3	-50.3		7	90	267	13	15,975	3	-51.3		7	88	261	8	20,465	4	-53.0		5	53	254	2	23,753	6	-54.3		8	21	56	1
KING SALMON	2	1,012		-4.9	4.8					1,376	0	-9.9	4.9	1	24	302	2	2,851	0	-17.7	9.6	2	39	298	3	5,302	0	-32.2	8.0	1	57	283	8	8,748	1	-51.1		0	72	274	16
		11,394	1	-48.9		0	83	270	12	13,287	0	-48.6		1	84	274	10	15,943	0	-50.3		0	86	261	7	20,456	0	-52.2		0	51	257	2	23,755	0	-53.4		0	46	81	2
YAKUTAT	2	1,010		-1.4	1.4					1,377	1	-7.4	3.1	1	50	155	3	2,861	1	-17.0	4.8	4	50	173	4	5,306	1	-33.4	6.9	3	48	219	6	8,736	1	-51.7		1	58	247	11
		11,379	1	-48.6		2	75	257	9	13,271	1	-49.0		1	81	260	9	15,927	1	-50.2		1	77	258	6	20,429	1	-52.5		1	43	255	2	23,719	2	-53.8		2	38	54	2
ANNETTE ISLAND	2	1,010		3.7	3.1					1,421	0	-5.0	2.9	3	77	188	7	2,921	0	-14.2	5.9	2	78	218	10	5,400	0	-29.1	8.4	1	72	233	14	8,876	0	-51.1		7	71	261	16
		11,500	0	-51.1		10	84	266	10	13,378	1	-51.1		11	85	266	9	16,004	1	-52.9		8	89	274	7	20,461	3	-54.6		8	50	268	2	23,737	6	-55.1		10	61	66	2
CANADA-WESTERN																																									
MOULD BAY	2	1,018		-25.6	2.7					1,394	2	-18.9	5.9	2	52	283	4	2,826	2	-24.2	6.6	2	53	283	5	5,215	2	-37.7	7.3	2	48	270	6	8,591	2	-54.1	7.1	2	41	266	7
		11,215	2	-48.8		2	71	266	8	13,111	2	-47.4		2	79	269	8	15,801	2	-46.1		2	78	272	8	20,410	2	-46.0		2	47	283	3	23,801	2	-46.6		2	16	318	1
SACHS HARBOUR	2	1,014		-24.0	2.4					1,406	2	-17.1	7.5	2	11	213	1	2,847	2	-23.0	6.4	2	19	246	2	5,246	2	-36.9	6.8	2	24	247	3	8,672	2	-53.4	7.5	2	33	248	5
		11,260	3	-48.6		2	67	256	7	13,158	3	-47.4		2	75	259	7	15,838	3	-47.6		2	74	262	6	20,406	3	-48.1		2	44	275	3	23,770	4	-48.3		2	18	99	2
CAMBRIDGE BAY	2	1,020		-24.2	2.0					1,392	4	-14.7	5.8					2,848	4	-20.2	6.2					5,269	4	-35.0	6.4					8,673	4	-53.0	7.7				
		11,309	4	-48.2						13,209	4	-47.3						15,885	4	-48.5						20,437	4	-49.1						23,785	4	-49.2					
INUVIK	2	1,010		-20.3	4.0					1,395	2	-16.6	5.4	2	40	135	2	2,844	2	-21.2	6.9	2	31	192	2	5,257	2	-35.7	7.6	2	44	229	5	8,649	2	-53.5	7.7	2	52	238	9
		11,285	2	-48.6		2	68	247	8	13,181	3	-47.8		2	70	250	7	15,857	3	-47.9		2	70	255	6	20,407	3	-50.0		2	53	269	4	23,734	4	-49.7		2	25	93	2
NORMAN WELLS	2	1,009		-15.7	3.3					1,394	2	-13.9	4.3	2	24	198	2	2,858	2	-19.1	4.2	2	50	239	5	5,290	2	-34.4	6.2	2	63	244	8	8,705	2	-52.5	8.5	2	73	243	11
		11,336	2	-49.3		2	82	246	10	13,229	3	-48.1		2	82	248	19	15,898	3	-48.5		2	82	251	7	20,429	4	-50.9		3	60	268	3	23,745	5	-51.5		3	11	48	1
WHITEHORSE	2	927		-8.6	3.4					1,371	2	-8.5	5.1	2	53	178	3	2,863	3	-17.0	5.4	2	71	211	6	5,331	2	-43.4	6.9	2	62	230	8	8,756	2	-51.6	8.2	2	66	243	13
		11,397	2	-48.5		2	77	248	12	13,289	2	-48.7		2	79	251	10	15,949	2	-49.7		2	78	248	7	20,462	5	-52.2		3	58	253	3	23,758	5	-53.4		3	27	61	1
FORT NELSON	2	969		-4.6	4.3					1,410	2	-5.2	8.0	2	33	228	2	2,907	2	-15.1	5.4	2	61	239	6	5,372	2	-30.7	6.4	2	74	247	11	8,831	2	-51.7	7.8	2	72	251	18
		11,450	2	-51.2		2	81	255	15	13,327	2	-49.9		2	84	257	12	15,969	2	-51.2		2	83	256	8	20,455	3	-53.4		2	71	263	3	23,740	3	-54.0		2	20	48	1
FORT SMITH	2	992		-6.8	4.7					1,417	2	-6.1	6.7	2	27	268	2	2,912	2	-15.1	6.6	2	49	269	6	5,378	2	-30.9	8.4	2	61	259	10	8,837	2	-50.9	8.3	2	77	261	18
		11,463	2	-50.9		2	83	260	15	13,342	2	-50.0		2	85	258	12	15,985	2	-50.9		2	89	260	9	20,473	2	-52.4		2	63	281	3	23,769	3	-52.8		2	24	49	1
PRINCE GEORGE	2	934		0.3	5.1					1,431	2	-2.0	7.0	2	53	241	4	2,944	2	-12.1	5.5	2	83	255	8	5,442	2	-27.2	6.7	2	77	254	12	8,943	2	-50.2	9.9	2	71	265	20
		11,554	2	-52.8		2	86	268	19	13,415	2	-51.9		2	90	264	13	16,030	2	-53.6		2	86	266	10	20,487	12	-54.9		2	16	261	4								
EDMONTON STONY PLAIN	2	924		0.3	3.8					1,431	2	-0.7	6.4	2	21	255	3	2,954	2	-10.3	4.4	2	68	258	7	5,467	2	-26.2	7.3	2	83	262	14	8,981	2	-49.4	8.5	2	77	261	21
		11,592	2	-53.5		2	83	262	18	13,450	2	-52.3		2	87	261	14	16,064	3	-54.0		2	89	261	10	20,507	4	-54.4		2	78	257	4	23,775	5	-55.1		2	30	317	1
THE PAS	2	984		-2.9	3.8					1,431	2	-3.9	6.3	2	26	293	2	2,949	2	-9.3	8.4	2	54	276	6	5,479	2	-24.1	8.0	2	68	259	11	9,013	2	-49.6	7.4	2	71	258	21
		11,610	2	-54.9		2	76	261	17	13,457	2	-53.0		2	82	265	14	16,063	2	-54.3		2	85	265	10	20,497	3	-55.3		2	75	281	5	23,758	4	-55.3		2	40	331	3
VERNON	2	950		4.1	4.4					1,455	2	0.2	4.9	2	75	230	5	2,983	2	-9.4	5.6	2	80	257	7	5,507	2	-25.2	7.3	2	80	261	13	9,038	2	-48.2	8.8	2	75	265	18
		11,647	2	-55.9		3	85	272	17	13,484	2	-54.2		2	89	268	13	16,079	3	-55.4		3	88	263	9	20,482	4	-56.5		2	80	258	7	23,721	4	-56.6		2	21	270	1
PORT HARDY	2	1,016		4.3	1.4					1,452	2	-2.8	1.6	2	69	212	5	2,968	2	-10.7	8.3	2	77	243	8	5,484	2	-25.4	8.2	2	77	260	14	9,011	2	-47.8	10.3	2	79	273	23
		11,626	2	-55.6		2	86	272	22	13,468	2	-53.9		2	90	269	16	16,060	2	-55.4		2	90	268	10	20,474	2	-56.3		2	82	267	4	23,715	2	-56.4		2	19	276	1
CANADA-EASTERN																																									
ALERT	2	1,015		-26.8	2.5					1,370	3	-21.1	4.5	2	9	339	1	2,791	3	-25.6	6.5	2	40	259	4	5,169	3	-38.7	6.6	2	44	263	6	8,536	3	-53.7	7.4	2	51	251	8
		11,170	3	-49.1		3	58	262	7	13,062	4	-48.4		2	60	266	7	15,735	4	-47.2		2	54	277	6	20,354	5	-44.0		2	38	337	4	23,778	6	-43.7		2	51	18	5
EUREKA	2	1,022		-27.9	2.9					1,362	2	-20.6	3.6	2	19	20	1	2,786	2	-25.4	5.8	2	29	304	3	5,165	2	-38.4	6.8	2	39	289	5	8,535	2	-53.4	7.2	2	45	282	7
		11,159	3	-49.1		2	61	267	6	13,050	3	-48.4		2	73	271	7	15,727	3	-47.1		2	70	282	7	20,338	4	-44.8		2	52	323	5	23,751	4	-45.3		2	54	2	4
RESOLUTE	2									1,360	3	-18.9	6.4	2	54	345	4	2,795	3	-22.8	7.5	2	47	334	5	5,200	3	-46.2	7.4	2	46	312	8	8,581	4	-53.6	7.6	2	37	301	7
		11,202	10	-49.9		3	71	281	8	13,087	10	-48.8		6	79	278	9	15,779	11	-47.3		2	83	285	9	20,369	11	-46.2		2	61	314	5	23,759	11	-46.5		2	48	350	4
HALL BEACH	2	1,019		-23.4	2.4					1,364	2	-16.2	5.5	3	30	294	3	2,812	2	-21.5	6.8	3	45	289	5	5,229	2	-35.0	7.1	3	53	286	7	8,641	3	-50.4	8.5	3	65	274	9
		11,304	3	-47.3		3	84	271	10	13,207	3	-47.5		3	86	272	10	15,878	3	-49.2		3	86	282	9	20,393	5	-50.4		3	78	317	6	23,731	5	-49.1		3	67	360	5
BAKER LAKE	2	1,015		-19.4	1.7					1,401	3	-12.5	4.9	2	43	281	4	2,871	3	-17.9	6.6	2	62	272	7	5,319	3	-32.4	7.7	2	73	272	12	8,750	3	-52.2	8.0	2	82	271	18
		11,386	3	-49.0		2	88	270	14	13,269	4	-48.8		2	87	272	11	15,925	4	-50.0		2	86	276	9	20,434	5	-51.2		3	66	303	4	23,751	5	-51.5		3	53	22	3
CORAL HARBOUR	2	1,015		-19.1	2.7					1,408	2	-13.7	7.3	2	50	312	5	2,870	2	-19.1	8.5	2	68	303	8	5,306	2	-33.5	7.2	2	76	292	13	8,739	2	-50.8	8.2	2	82	280	18
		11,390	2	-48.5		2	86	277	14	13,283	2	-48.7		2	87	277	11	15,937	2	-50.7		2	87	284	9	20,440	4	-51.3		4	70	320	5	23,759	4	-51.2		4	68	8	5
FROBISHER BAY	2	1,017		-15.1	3.1					1,380	2	-14.8	4.5	2	26	253	2	2,842	2	-18.8	6.6	2	50	261	5	5,280	2	-32.9	8.2	2	59	264	8	8,727	2	-49.2	9.5	2	75	265	15
		11,391	2	-48.2		2	80	263	13	13,287	2	-48.5		2	81	270	10	15,936	2	-51.3		2	84	279	9	20,405	4	-52.9		2	72	318	6	23,706	4	-51.9		2	68	2	6

UPPER AIR DATA

APRIL 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
NORTH AMERICA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
CANADA-EASTERN																																									
CHURCHILL	2	1,017		-11.0	1.9					1,427	2	-7.1	7.1	2	15	344	1	2,925	2	-13.4	5.6	2	41	281	4	5,415	2	-28.1	6.6	2	67	272	10	8,904	2	-50.4	7.3	2	75	270	20
		1,517	2	-52.8		2	82	267	18	13,382	2	-51.2		2	87	272	14	16,007	2	-52.4		2	86	276	10	20,475	3	-53.6		2	75	295	5	23,755	3	-53.8		2	49	356	3
INOUCDJOUAC	2	1,017		-10.3	2.2					1,402	2	-8.2	6.7	2	36	318	2	2,897	2	-13.3	8.8	2	65	293	6	5,392	2	-27.7	8.5	2	81	281	13	8,898	3	-49.2	8.8	2	76	273	21
		1,525	3	-51.8		2	79	275	16	13,396	3	-51.0		2	81	277	13	16,027	3	-52.3		2	79	280	10	20,493	5	-53.8		3	63	299	5	23,777	5	-52.8		3	61	351	4
FORT CHIMO	2	1,015		-7.9	3.2					1,410	2	-9.3	7.6	2	35	260	3	2,899	2	-13.9	8.1	2	58	266	7	5,389	2	-27.6	8.6	2	70	270	14	8,894	2	-48.8	8.7	2	71	268	23
		1,520	2	-51.8		2	71	267	18	13,392	3	-50.9		2	73	272	12	16,019	3	-53.0		2	73	275	9	20,462	3	-54.9		2	70	303	6	23,721	4	-54.1		2	65	342	5
TROUT LAKE	2	991		-4.1	1.9					1,429	2	-4.0	4.1	2	18	338	2	2,949	2	-9.1	8.9	2	44	299	5	5,483	2	-23.5	10.4	2	67	282	12	9,023	2	-48.8	9.5	2	69	280	19
		1,629	2	-55.1		2	76	272	18	13,475	2	-52.9		2	83	274	14	16,083	2	-54.2		2	86	278	11	20,513	3	-55.4		2	75	300	5	23,769	3	-55.3		2	47	349	2
MOOSONEE	2	1,015		-2.4	2.5					1,428	5	-0.7	10.8	5	35	300	4	2,961	5	-7.2	9.4	5	48	290	6	5,513	5	-22.1	9.4	5	63	286	11	9,074	5	-47.9	9.6	5	68	286	16
		1,679	5	-56.5		5	80	281	16	13,514	5	-54.0		5	83	281	12	16,108	5	-55.4		5	83	281	10	20,520	6	-56.6		5	71	306	5	23,768	8	-55.5		5	58	333	3
SEPT-ILES	2	1,012		0.3	3.7					1,441	2	-2.7	6.7	2	23	188	2	2,966	2	-7.9	8.4	2	41	245	6	5,513	2	-22.3	8.8	2	46	253	9	9,069	2	-47.3	10.1	2	52	248	13
		1,680	2	-56.4		2	56	258	12	13,512	2	-54.8		2	65	259	11	16,098	2	-56.2		2	73	274	8	20,481	3	-57.5		2	62	301	4	23,720	4	-56.1		2	55	326	3
GOOSE	2	1,018		-1.6	4.3					1,461	2	-14.4	8.2	2	33	267	3	2,977	2	-9.5	9.0	2	50	261	7	5,511	2	-23.5	8.4	2	61	264	13	9,062	2	-47.4	8.6	2	59	265	19
		1,671	2	-55.5		2	68	262	18	13,514	2	-53.5		2	70	261	13	16,112	2	-55.5		2	75	270	9	20,523	5	-55.9		2	79	295	5	23,768	6	-55.0		3	68	329	5
MANIWAKI	2	993		3.2	3.5					1,429	2	0.8	7.7	2	36	298	3	2,972	2	-5.3	10.1	2	50	283	5	5,537	2	-21.2	10.3	2	59	282	8	9,111	2	-46.1	10.3	2	58	289	11
		1,732	2	-56.2		2	67	283	11	13,569	2	-54.0		2	76	284	9	16,155	2	-56.5		2	87	287	3	20,536	3	-57.1		2	67	316	4	23,773	4	-55.9		2	48	344	2
STEPHENVILLE	2	1,010		4.1	3.6					1,452	2	0.4	9.0	2	23	204	3	2,993	2	-16.2	12.5	2	42	251	5	5,555	2	-20.6	12.2	2	49	265	9	9,137	2	-46.4	11.5	2	54	258	13
		1,741	2	-58.2		3	68	261	15	13,560	2	-56.1		4	80	255	25	16,129	2	-57.6		2	79	264	9	20,496	2	-57.3		2	72	289	4	23,731	2	-56.2		2	57	317	3
SHELBURNE	2	1,011		4.1	1.7					1,438	2	2.8	7.7	2	16	138	2	2,990	2	-3.9	11.4	2	18	221	3	5,574	2	-19.2	12.5	2	33	226	7	9,166	2	-46.3	9.4	2	38	219	11
		1,777	2	-56.4		2	41	237	9	13,611	2	-55.0		2	61	246	10	16,182	2	-57.9		2	72	263	8	20,538	4	-57.8		3	54	304	3	23,775	4	-55.7		3	50	316	3
SABLE ISLAND	2	1,014		3.4	1.5					1,444	2	4.5	9.3	2	28	188	3	3,004	2	-3.2	10.3	2	34	227	4	5,594	2	-18.6	10.7	2	47	233	8	9,199	2	-46.0	10.4	2	45	236	12
		1,803	2	-58.0		2	58	235	14	13,625	2	-56.4		2	72	248	12	16,188	2	-58.2		2	76	254	10	20,541	3	-57.8		2	64	263	8	23,776	5	-55.6		2	57	265	8
ST. JOHN'S (TORBAY)	2									1,475	2	1.2	5.4	2	32	234	4	3,020	2	-5.1	10.1	2	51	246	6	5,590	2	-20.2	10.1	2	69	252	11	9,169	3	-45.2	10.8	2	76	256	17
		1,791	3	-57.0		2	79	260	17	13,613	3	-57.0		4	86	263	12	16,174	3	-57.9		2	91	267	9	20,538	4	-57.4		2	73	288	4	23,775	4	-56.0		2	57	296	4
UNITED STATES-NORTHWEST																																									
QUILLAYUTE	2	1,012		4.8	1.2					1,468	0	-1.6	5.4	7	54	223	4	2,995	0	-9.1	9.6	6	67	244	6	5,529	0	-23.8	8.7	6	67	261	11	9,076	0	-47.6		6	70	283	22
		1,690	1	-57.9		7	79	284	19	13,513	1	-56.0		7	83	274	14	16,086	2	-57.1		9	91	268	9	20,474	3	-57.2		10	81	257	4	23,699	5	-57.2		12	19	248	1
MEDFORD	2	972		5.8	2.8					1,491	0	2.5	4.3	0	37	266	2	3,040	0	-5.1	10.8	0	55	285	5	5,615	0	-20.0	10.6	0	65	286	12	9,210	0	-46.4		2	56	294	16
		1,809	0	-59.1		6	57	299	13	13,613	0	-58.5		7	71	275	11	16,159	0	-59.5		5	82	266	8	20,503	1	-58.4		4	66	274	3	23,725	1	-56.9		3	24	301	1
SPOKANE	2	931		3.2	3.3					1,464	0	2.9	8.8	0	63	237	4	3,006	0	-7.5	7.9	0	86	255	8	5,549	0	-23.5	9.9	0	73	256	12	9,092	0	-48.5		0	66	263	18
		1,691	0	-57.2		0	75	275	16	13,522	0	-55.6		0	81	266	13	16,096	0	-56.9		0	89	262	9	20,486	1	-57.5		1	64	249	3	23,708	2	-57.1		3	30	348	1
GREAT FALLS	2	886		1.2	4.8					1,452	1	2.9	8.7	2	63	257	5	2,997	1	-6.8	7.5	2	69	270	6	5,550	1	-22.5	8.9	2	64	263	10	9,108	1	-48.6		1	58	257	15
		1,690	2	-56.4		2	78	259	15	13,526	2	-54.9		3	86	256	13	16,112	2	-56.0		2	94	257	10	20,514	3	-57.1		3	72	255	3	23,751	7	-56.8		7	27	349	1
BISMARCK	2	955		1.8	2.8					1,445	0	2.1	9.4	0	17	311	2	2,996	0	-4.4	9.1	0	43	301	5	5,574	0	-19.8	11.7	0	60	275	10	9,158	1	-47.4		2	54	243	14
		1,750	1	-57.8		3	72	250	17	13,578	1	-55.3		3	84	258	14	16,155	1	-57.4		2	86	264	10	20,530	3	-58.4		3	67	282	4	23,760	4	-56.7		5	31	351	1
HURON/HOWES MUN	2	967		3.8	1.8					1,442	1	4.0	7.5	2	30	303	3	3,004	1	-2.5	10.1	2	46	291	6	5,595	1	-18.9	10.5	2	59	275	11	9,197	1	-45.8		1	52	270	14
		1,800	1	-57.9		1	72	260	20	13,628	1	-55.6		1	79	269	14	16,195	1	-58.1		3	83	272	10	20,554	2	-58.9		2	62	305	3	23,775	2	-57.0		2	41	3	1
RAPID CITY	2	902		2.6	3.4					1,449	0	3.9	7.4	0	41	313	5	3,009	0	-2.8	7.6	0	55	303	6	5,597	0	-19.2	8.2	0	52	275	9	9,190	0	-47.0		0	42	258	11
		1,786	0	-57.9		0	73	260	17	13,612	0	-56.4		0	82	261	14	16,175	0	-58.6		0	86	262	12	20,520	1	-59.4		1	69	273	3	23,742	4	-57.1		4	6	349	**
BOISE	2	915		4.6	3.9					1,477	1	5.2	8.6	4	40	318	3	3,033	1	-5.2	6.0	3	65	291	6	5,601	1	-21.0	8.9	2	58	272	8	9,174	3	-47.3		4	43	281	11
		1,773	4	-57.8		7	59	286	12	13,598	4	-56.3		7	77	273	11	16,162	5	-58.9		8	83	262	9	20,514	6	-58.8		6	78	261	4	23,732	6	-57.3		6	8	310	**
WINNEMUCCA	2	868		2.6	5.3					1,479	0	6.2	9.0	6	35	246	1	3,043	0	-3.8	6.9	5	50	274	4	5,619	0	-19.8	10.1	0	62	282	10	9,210	0	-46.5		3	44	302	10
		1,817	0	-57.9		4	60	276	12	13,633	0	-57.4		4	78	271	13	16,182	0	-59.6		4	80	256	9	20,514	4	-59.8		5	75	243	3	23,722	6	-57.7		7	47	299	1
ELY	2	807		0.6	3.4													3,050	0	-2.5	6.1	4	41	264	3	5,636	0	-19.5	8.5	1	63	266	8	9,230	0	-45.8		2	61	259	12
		1,847	0	-57.2		2	75	256	16	13,662	0	-58.1		2	80	258	16	16,207	0	-60.0		2	86	250	10	20,527	1	-61.2		1	61	249	3	23,725	4	-57.9		4	34	337	1
SALT LAKE CITY	2	869		6.4	4.5					1,474	0	7.5	8.6	1	42	180	2	3,046	0	-2.8	6.0	2	62	264	5	5,631	0	-19.6	6.9	2	62	261	9	9,224	1	-46.0		4	64	257	14
		1,834	1	-58.1		6	72	254	16	13,649	1	-57.3		7	82	256	13	16,198	2	-60.0		5	90	248	11	20,519	3	-60.6		6	74	273	3	23,721	5	-58.3		7	43	330	2
GRAND JUNCTION	2	850		6.7	8.2					1,507	14	7.4	11.2	15	66	104	2	3,048	4	-1.8	7.7	5	54	257	5	5,639	4	-18.8	10.0	5	61	257	10	9,246	4	-45.0		6	68	266	19
		1,867	5	-57.1		10	79	267	20	13,680	6	-57.4		10	89	258	17	16,224	6	-60.2		9	90	260	12	20,544	9	-61.6		10	59	273	2	23,750	12	-57.3		14	48	13	2
DENVER	2	834		4.8	6.5													3,027	2	-0.8	9.1	3	59	295	5	5,628	2	-17.6	11.5	3	65	271	10	9,239	2	-45.4		4	65	265	15
		1,858	3	-57.8		6	88	259	22	13,671	4	-57.8		7	91	255	19	16,220	4	-59.8		7	90	259	11	20,531	7	-60.9		8	66	269	3	23,738	9	-57.0		10	47	308	2
OMAHA (NORTH)	2	965		7.0	3.3					1,448	0	5.9	8.2	0	46	202	6	3,020	0	-1.1	10.6	0	63	279	9	5,625	1	-17.5	11.2	1	65	270	12	9,247	2	-44.7		2	64	265	17
		1,863	2	-58.4		3	83	265	24	13,680	2	-56.9		4	87	270	18	16,233	3	-60.1		4	90	277	12	20,546	9	-60.0		10	71	301	4	23,762	11	-56.6		12	69	317	3
NORTH PLATTE	2	915		4.0	2.7					1,444	0	5.8	7.3	0	22	286	3	3,017	0	-1.3	8.6	0	50	281	6	5,619	0	-18.1	11.8	0	63	270	11	9,231	0	-45.1		1	61	262	16
		1,847	0	-58.2		1	75	261	22	13,663	0	-56.6		1	87	266	18	16,216	0	-59.9		0	86	268	10	20,537	1	-60.3		1	43	286	2	23,746	4	-57.3		5	36	321	1
UNITED STATES-NORTHEAST																																									
INTERNATIONAL FALLS	2	971		2.0	3.8					1,436	1	1.2	9.6	1	18	310	2	2,979	1	-5.7	9.0	1	40	290	5	5,547	1	-20.6	10.0	1	58	281	8	9,132	2	-47.0		2	57	276	13
		1,734	2	-57.9		2	71	275	16	13,569	2	-54.4		2	76	275	13	16,157	2	-56.5		2	83	276	9	20,554	3	-57.1		3	71	291	4	23,792	3	-56.1		3	50	4	2
ST. CLOUD	2	976		4.2	2.6					1,442	1	3.4	5.9	3	18	286	2	2,999	1	-3.4	9.5	3	45	281	5	5,583	1	-19.2	13.1	3	46	277	8	9,177	1	-46.1		3	43	278	11
		1,789	2	-57.2		3	68	270	18	13,620	3	-55.2		3	78	274	14	16,198	3	-57.4		3	84	275	10	20,565	3	-58.3		4	70	303	4	23,792	5	-56.5		5	50	354	2
SAULT STE. MARIE	2	988		2.8	6.0					1,441	0	1.4	7.3	0	20	271	2	2,987	0	-5.1	8.8	0	26	275	4	5,558	0	-20.6	10.2	0	47	283	8	9,135	0	-47.0		0	47	287	12
		1,747	0	-56.6		0	68	289	14	13,582	0	-54.6		0	80	282	11	16,162	1	-56.9		1	88	289	9	20,547	2	-57.6		2	74	320	4	23,782	3	-56.0		4	40	8	2
CARIBOU	2	993		1.9	2.9					1,439	0	0.0	7.3	2	10	227	1	2,978	0	-6.4	9.1	0	26	254	3	5,535	0	-21.8	11.4	1	28	258	5	9,101	0	-46.9		2	31	239	8
		1,722	0	-55.5		3	41	263	8	13,562	0	-54.4		1	53	258	7	16,148	0	-56.7		3	72	271	6	20,526	1	-57.3		2	46	321	2	23,772	2	-55.6		4	41	352	2
PORTLAND/INTL JET PORT	2	1,013		4.9	4.9					1,445	0	1.9	8.1	0	17	352	2	2,993	0	-5.2	10.1	0	17	313	2	5,562	0	-21.0	10.9	0	31	279	5	9,142	0	-46.1		0	30	272	7
		1,775	1	-55.9		1	41	271	8	13,614	1	-54.4		1	60	270	8	16,198	1	-57.0		1	72	272	7	20,571	1	-57.6		1	50	306	3	23,816	3	-55.7		3	47	322	2
DAYTON	2	980		7.8	5.6					1,472	0	5.3	8.1	1	58	283	6	3,035	0	-2.8	9.0	0	62	282	8	5,624	0	-19.1	10.5	0	70	294	12	9,225	1	-44.6		1	75	297	18
		1,854	1	-56.9		1	88	292	23	13,676	1	-56.8		1	90	289	17	16,230	1	-59.3		1	96	289	11	20,561	2	-59.5		2	80	313	4	23,781	3	-56.2		4	45	314	2

UPPER AIR DATA

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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
NORTH AMERICA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
UNITED STATES-NORTHEAST																																									
BUFFALO	2	989		4.9	3.4					1,451	0	2.1	7.1	1	49	277	4	3,000	0	-4.6	10.0	0	49	286	6	5,577	0	-19.7	13.4	0	50	288	9	9,163	0	-46.6		0	47	298	12
		11,777	0	-56.2		0	69	300	14	13,609	0	-55.2		1	79	289	12	16,191	1	-57.9		1	90	291	9	20,554	3	-58.2		3	67	335	3	23,782	5	-56.3		5	40	2	2
WASHINGTON DULLES	2	1,004		7.5	3.8					1,461	1	5.6	6.7	6	52	312	6	3,025	1	-3.1	8.3	7	59	308	8	5,617	1	-19.0	12.8	6	55	308	10	9,221	1	-44.8		5	61	301	16
		11,849	1	-56.2		5	76	297	19	13,679	1	-55.6		6	84	290	16	16,243	2	-58.7		7	81	283	9	20,583	2	-58.7		7	43	322	2	23,811	4	-55.5		9	39	327	2
UNITED STATES-SOUTHWEST																																									
OAKLAND	2	1,017		10.5	2.9					1,491	1	7.4	13.1	4	61	325	4	3,067	0	-0.6	15.3	1	62	317	6	5,681	0	-16.6	12.4	0	65	295	10	9,305	0	-45.2		0	53	301	14
		11,914	0	-59.9		0	63	289	15	13,714	1	-59.4		6	74	271	13	16,243	1	-61.4		8	83	268	11	20,555	3	-59.9		3	64	244	3	23,768	6	-57.1		6	10	94	**
SAN DIEGO	2	1,001		12.5	3.0					1,488	1	9.8	17.6	7	62	283	4	3,080	0	2.7	18.1	6	76	269	8	5,719	0	-14.6	14.8	6	77	257	13	9,375	0	-43.2		6	73	252	20
		11,995	0	-60.1		6	75	252	21	13,779	0	-62.9		6	89	252	19	16,279	1	-63.0		6	90	247	12	20,553	1	-62.7		6	64	237	2	23,755	2	-56.2		7	31	311	1
DESERT ROCK	2	898		10.9	14.7					1,469	0	11.0	17.9	1	21	226	1	3,054	0	-0.7	11.9	0	45	267	3	5,659	0	-17.3	14.2	2	70	272	12	9,282	2	-44.2		3	64	269	17
		11,901	2	-58.7		5	71	265	20	13,706	2	-59.4		5	83	265	17	16,233	2	-61.5		6	86	260	10	20,537	3	-61.2		4	63	239	2	23,744	5	-57.3		7	48	312	2
EL PASO	2	880		13.8	16.1					1,495	0	16.6	20.5	1	62	283	4	3,115	0	5.3	14.0	1	93	261	12	5,770	0	-13.0	12.2	1	90	256	17	9,450	0	-41.4	5.9	1	91	262	23
		12,084	0	-59.9		1	96	259	30	13,862	0	-63.7		1	97	259	27	16,341	0	-65.1		1	97	262	16	20,563	2	-63.0		2	57	286	2	23,764	2	-56.1		2	50	296	3
ALBUQUERQUE	2	836		8.3	10.3													3,079	0	1.4	11.5	3	79	269	8	5,699	0	-15.9	11.3	1	90	260	18	9,347	0	-43.1		1	90	260	24
		11,971	0	-59.1		2	92	258	29	13,766	0	-60.3		2	96	261	24	16,268	0	-64.1		3	95	254	15	20,530	1	-63.0		3	62	284	2	23,717	5	-57.5		6	42	318	2
OKLAHOMA CITY/W ROGERS WORLD	2	968		13.4	4.0					1,484	0	12.3	10.1	0	53	247	7	3,088	0	3.3	11.5	0	71	262	10	5,725	0	-14.8	11.8	0	84	266	16	9,388	0	-42.5	3.9	0	87	269	26
		12,016	0	-59.1		1	91	266	32	13,809	0	-60.8		1	92	268	26	16,315	0	-63.1		0	92	270	15	20,586	0	-61.9		0	48	298	2	23,794	1	-56.3		1	32	307	1
STEPHENVILLE	2	968		15.1	2.8					1,499	0	14.5	11.0	0	61	225	7	3,118	0	5.8	14.8	0	78	268	8	5,774	0	-12.9	11.2	1	86	268	14	9,464	3	-40.9	7.5	4	94	266	26
		12,104	3	-59.6		4	95	266	35	13,885	4	-63.5		5	95	267	30	16,362	5	-65.9		7	91	263	16	20,581	8	-63.0		8	51	312	2	23,789	8	-55.6		9	34	294	2
VICTORIA	2	1,011		19.0	2.1					1,514	0	15.2	10.6	2	78	200	7	3,138	0	7.3	16.6	1	62	274	5	5,812	0	-11.9	11.6	0	85	275	12	9,521	0	-39.2	8.9	0	90	272	22
		12,174	0	-59.2		0	93	271	31	13,951	0	-64.6		0	95	272	31	16,405	0	-69.1		0	96	268	19	20,574	2	-63.6		2	51	331	2	23,787	4	-55.1		4	38	333	1
BROWNSVILLE	2	1,012		21.4	1.4					1,511	0	17.1	11.4	0	79	167	6	3,148	0	9.4	16.7	1	48	249	3	5,836	0	-10.8	9.3	0	86	276	11	9,564	0	-38.0	10.6	0	93	272	20
		12,228	0	-58.5		0	93	270	27	14,005	0	-65.2		0	97	266	28	16,439	0	-71.3		0	96	264	19	20,558	2	-64.0		2	31	24	1	23,763	2	-54.7		2	42	45	2
UNITED STATES-SOUTHEAST																																									
WALLOPS ISLAND	2	1,013		9.0	3.8					1,468	0	6.3	9.5	0	60	306	6	3,032	0	-3.4	8.5	0	59	307	8	5,619	0	-19.0	12.7	0	51	295	10	9,226	0	-44.7		0	53	298	14
		11,862	1	-55.4		1	73	294	18	13,695	1	-55.8		1	83	287	16	16,260	1	-59.2		1	89	280	11	20,591	2	-59.0		2	60	310	3	23,822	3	-55.2		4	54	305	3
MONETT	2	964		10.2	3.7					1,487	0	9.2	9.6	1	60	265	8	3,076	0	1.3	11.1	0	74	280	10	5,701	0	-15.9	12.1	0	78	275	15	9,346	0	-43.1		0	83	274	24
		11,970	0	-59.4		0	89	274	32	13,769	0	-59.4		0	93	276	24	16,288	0	-62.6		0	92	278	14	20,574	0	-61.3		0	59	312	3	23,770	2	-56.4		2	53	320	2
NORTH LITTLE ROCK	2	996		13.5	4.6					1,499	0	9.9	10.5	1	63	268	6	3,092	0	2.0	10.7	0	73	288	10	5,723	0	-15.2	12.4	0	82	280	15	9,383	0	-42.2	5.4	0	88	280	24
		12,008	1	-60.0		1	90	280	33	13,797	1	-61.3		2	94	284	26	16,295	2	-63.8		2	93	279	15	20,552	2	-61.9		2	67	323	3	23,759	3	-56.3		3	58	303	3
LONGVIEW	2	1,002		14.8	2.2					1,512	0	12.6	12.4	0	55	244	5	3,120	0	4.2	14.5	0	73	288	9	5,771	0	-13.2	14.7	0	85	279	16	9,456	0	-40.8	7.4	1	91	282	24
		12,092	0	-60.6		2	93	276	33	13,875	1	-63.2		2	95	275	29	16,353	1	-66.1		3	95	278	16	20,569	3	-62.4		4	57	339	3	23,776	3	-55.7		4	43	319	2
NASHVILLE	2	995		10.9	3.1					1,495	0	8.0	10.0	0	58	264	6	3,074	0	-0.1	11.8	0	64	280	9	5,689	0	-16.4	12.5	1	81	295	14	9,330	1	-43.4		2	92	294	25
		11,952	2	-58.5		7	96	293	28	13,758	2	-59.3		8	97	291	21	16,281	2	-62.0		8	97	287	14	20,565	3	-61.0		7	81	319	4	23,776	6	-56.7		10	66	273	5
WAYCROSS	2	1,011		12.1	4.9					1,509	0	10.3	13.4	2	58	294	4	3,103	0	2.7	15.8	1	82	290	9	5,740	0	-14.3	14.9	1	91	292	17	9,415	0	-41.5	7.8	1	92	289	25
		12,057	0	-57.8		2	92	290	31	13,861	0	-60.5		4	95	285	27	16,359	1	-64.4		5	96	282	18	20,600	0	-61.5		2	63	325	3	23,827	0	-54.4		1	51	297	2
CAPE HATTERAS	2	1,014		13.4	2.9					1,482	1	7.5	9.4	2	64	307	6	3,053	1	-2.0	10.9	1	70	299	10	5,646	2	-18.4	13.2	4	69	292	12	9,270	5	-43.9		9	77	291	18
		11,903	6	-55.9		10	85	285	22	13,722	7	-57.2		12	92	282	18	16,264	7	-61.3		10	94	274	14	20,570	7	-59.2		10	83	288	4	23,807	9	-54.0		10	60	282	3
CHARLESTON	2	1,015		12.3	2.6					1,503	1	9.5	14.3	1	65	294	6	3,087	1	0.5	13.0	1	76	295	10	5,710	1	-15.3	15.6	4	84	290	15	9,362	3	-42.2		6	87	291	23
		12,001	4	-57.2		9	91	295	28	13,811	4	-59.7		11	94	289	24	16,328	5	-63.9		10	90	284	15	20,589	6	-60.4		7	67	308	3	23,823	7	-54.6		8	40	294	2
CENTREVILLE	2	1,001		11.1	4.3					1,514	0	9.9	12.6	1	43	261	4	3,107	0	2.6	15.8	0	71	294	8	5,744	0	-14.9	13.0	1	88	285	13	9,414	3	-41.9	7.4	4	94	288	24
		12,049	4	-59.1		6	94	286	29	13,851	6	-60.4		8	95	281	24	16,345	6	-65.2		8	96	280	17	20,591	6	-61.0		6	73	342	3	23,798	7	-56.0		7	68	330	3
APALACHICOLA	2	1,017		14.1	2.5					1,518	0	11.4	16.4	4	47	263	4	3,121	0	4.2	17.3	3	77	287	8	5,771	0	-13.2	14.9	2	96	290	15	9,459	0	-40.5	8.7	1	94	292	25
		12,110	0	-57.8		2	94	288	32	13,908	0	-61.7		1	95	280	30	16,385	0	-67.4		1	98	279	20	20,593	0	-62.3		1	44	336	2	23,817	1	-53.7		2	17	355	1
WEST PALM BEACH	2	1,016		16.9	3.2					1,525	0	12.6	15.7	2	35	343	2	3,134	0	5.0	18.1	3	75	303	7	5,799	0	-11.3	16.7	2	87	298	13	9,511	0	-38.9	10.6	0	91	291	23
		12,179	0	-56.1		0	90	283	29	13,982	0	-61.5		0	95	277	31	16,446	0	-69.5		0	97	277	22	20,617	0	-62.6		0	52	348	2	23,841	0	-53.8		0	53	20	2
KEY WEST	2	1,017		21.3	5.0					1,529	2	13.2	13.1	3	9	342	1	3,144	2	6.3	17.7	2	66	310	5	5,819	2	-10.5	16.1	2	85	304	11	9,551	2	-37.6	11.6	2	89	291	19
		12,235	2	-54.8		2	88	275	27	14,041	2	-62.4		2	95	274	29	16,491	2	-71.3		2	97	278	21	20,630	2	-63.2		3	46	349	2	23,851	3	-53.6		4	73	61	2
MEXICO-NORTHERN																																									
CHIHUAHUA UNIV. DE	2	857		13.3	14.9					1,500	1	16.4	19.4	3	64	272	2	3,131	0	8.0	17.0	2	70	273	6	5,805	0	-12.0	11.2	2	88	251	13	9,507	1	-39.8	5.8	2	90	252	21
		12,154	1	-59.8		3	93	251	28	13,929	2	-64.3		4	98	253	28	16,388	3	-67.8		4	97	255	18	20,581	6	-63.6		7	39	259	2	23,789	9	-55.2		10	37	345	2
GUADALAJARA	2	846		12.3	6.9													3,155	8	11.0	16.0	9	67	278	4	5,859	9	-8.9	11.5	10	68	243	6	9,612	10	-36.2	9.5	10	90	249	15
		12,298	10	-56.3		11	92	263	25	14,088	11	-63.9		14	98	258	23	16,511	14	-74.1		17	97	246	16	20,615	20	-65.3						23,831	22	-53.6					
MEXICO-SOUTHERN																																									
MERIDA AEROP. INTL.	2	1,011		21.4	1.9					1,513	0	17.2	7.7	1	60	116	3	3,149	0	9.2	14.8	1	55	350	3	5,848	0	-8.3	14.4	1	86	326	8	9,613	0	-35.4	11.8	4	91	281	15
		12,311	0	-55.0		3	92	269	20	14,110	0	-64.0		3	97	263	24	16,528	1	-74.4		3	93	267	16	20,599	2	-64.5		4	54	60	2	23,810	4	-53.3		5	92	70	6
GUATEMALA																																									
GUATEMALA/LA AURORA AP	2	853		14.8	2.0					1,523	4	14.3	3.3	5	100	15	4	3,148	4	8.1	15.6	5	85	51	5	5,853	4	-6.8	18.7	5	51	5	4	9,632	4	-34.6	13.0	8	71	264	6
		12,348	5	-53.9		8	84	255	14	14,144	5	-65.6		8	94	253	13	16,539	5	-76.7		8	60	271	4	20,590	7	-65.3		10	43	334	1	23,788	10	-53.2		13	98	81	9
BELIZE																																									
BELIZE INTL. AIRPORT	2	1,013		22.7	1.1					1,524	2	16.7	9.6	3	86	106	5	3,157	2	9.4	17.6	2	78	57	5	5,867	2	-6.3	18.8	2	79	349	6	9,650	2	-34.7	13.8	2	82	289	10
		12,363	2	-53.8		2	89	271	18	14,164	2	-64.7		2	96	277	18	16,574	2	-75.4		2	89	289	11	20,633	2	-65.0		2	45	64	1	23,850	2	-53.0		2	98	93	9
ADJACENT ISLANDS																																									
OWENS ROBERTS AP, GRAND CAYM	2	1,014		22.9	2.3					1,522	1	15.1	8.5	1	82	88	3	3,145	1	7.7	16.9	1	47	15	2	5,846	1	-7.2	18.4	1	82	311	7	9,618	1	-34.9	13.6	2	91	279	16
		12,331	1	-53.7		3	92	262	23	14,131	1	-64.6		4	97	270	22	16,539	1	-75.5		7	89	276	13	20,601	1	-64.3		6	54	32	2	23,810	1	-53.9		3	94	77	7
SAN JUAN/INT., P.R.	2	1,015		23.2	1.9					1,530	0	14.8	5.0	0	67	127	3	3,152	0	6.6	9.5	0	56	249	3	5,843	0	-7.6	17.4	0	91	275	8	9,627	0	-33.5	12.8	0	98	278	25
		12,350	0	-54.4		0	97	270	33	14,141	0	-65.9		0	98	278	27	16,541	0	-76.2		0	90	286	14	20,598	0	-63.4		0	73	59	3	23,815	0	-53.7		0	98	96	9

UPPER AIR DATA

APRIL 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																																									
ADJACENT ISLANDS																																									
RAIZET, GUADELOUPE	2	1,014		24.7	3.1					1,527	0	14.8	3.5	0	93	125	6	3,151	0	7.5	11.5	0	32	93	1	5,852	0	-6.2	18.1	0	83	265	6	9,658	0	-31.2	14.0	0	97	272	20
		12,398	0	-52.9		0	97	266	27	14,191	0	-66.6		0	97	273	25	16,574	0	-77.5		0	86	276	14	20,587	1	-65.9		1	26	42	3	23,779	6	-55.0		9	67	105	6
GRANTLEY ADAMS AP,BARBADOS	2	1,009		27.0	4.8					1,534	19	15.6	4.3	19	98	110	8	3,164	19	7.9	14.9	19	44	144	2	5,878	19	-5.3	15.8	19	67	266	3	9,704	19	-31.2	12.0	19	90	253	13
		12,443	19	-53.7		19	93	268	21	14,232	19	-67.7		19	96	275	20	16,610	19	-78.3		19	86	277	9	20,649	19	-65.4		19	89	307	4	23,858	19	-54.5		20	97	85	6
HATO AP.CURACAO	3	1,004		26.1	3.2					1,503	0	18.8	7.8	0	92	107	7	3,146	0	9.2	9.3	0	69	131	3	5,862	0	-5.6	14.0	0	83	255	5	9,679	0	-31.9	9.5	0	92	246	12
		12,415	0	-53.7		0	96	239	17	14,207	0	-66.7		0	93	259	17	16,583	0	-78.5		0	61	258	7	20,618	4	-64.9		5	71	301	4	23,802	9	-54.9		10	93	68	7
SOUTH AMERICA																																									
VENEZUELA																																									
LA CANADA(MARACAIBO)		1,007		25.6	2.5					1,501		18.1	2.8		42	100	3	3,142		9.2	4.0		78	103	7	5,859		-5.4	6.5		66	243	6	9,677		-30.5	7.7	1	61	232	14
		12,416	1	-52.4		1	83	234	29	14,215	1	-67.3		7	85	252	35	16,591	3	-78.1		3	28	228	8																
MARACAY-B.A. SUCRE		962		24.6	5.8					1,505	1	18.7	5.3	1	79	308	8	3,145	1	9.0	8.6	1	88	306	8	5,866	1	-4.9	10.9	1	55	239	5	9,695	1	-31.3	8.5	1	88	237	17
		12,438	1	-52.8		1	93	244	30	14,238	2	-66.5		2	29	272	10	16,595	4	-77.9		4	42	276	10	20,676	11	-64.4						23,866	13	-53.7					
SAN ANTONIO DEL TACHIRA		968		23.6	2.4					1,488		18.6	4.4		84	135	8	3,129		8.9	3.3		87	155	13	5,848		-5.6	4.9		29	160	3	9,673		-30.6	6.8		73	205	12
		12,419		-53.1			74	270	18																																
FRENCH GUIANA																																									
CAYENNE/ROCHAMBEAU	2	1,010		25.0	1.7					1,500	0	16.1	2.7	0	99	80	9	3,134	0	9.9	10.4	0	96	92	8	5,852	0	-4.9	13.7	0	43	111	2	9,685	1	-30.1	13.9	1	15	347	1
		12,440	1	-51.8		1	58	262	6	14,241	1	-66.3		1	91	290	11	16,603	1	-79.7		1	36	292	4	20,616	1	-67.5		4	97	273	14	23,793	8	-60.0		9	99	229	10
BRAZIL-NORTHERN																																									
CACHIMBO		960		23.3	2.4					1,495	11	18.9	3.9	8	92	72	5	3,139	11	9.6	5.8	8	97	93	7	5,863	11	-4.9	12.6	8	59	103	3	9,700	11	-32.6	15.4	8	40	127	2
		12,437	11	-52.9		8	29	219	2	14,240	12	-66.8		9	24	188	2	16,626	15	-80.6		12	47	126	3																
BELEM/AERO VAL DE CAS		1,011		25.9	2.6					1,526	3	17.9	3.7	3	86	88	4	3,169	3	9.7	5.1	3	89	87	6	5,893	3	-5.1	7.6	3	84	85	5	9,719	3	-30.9	15.4	3	34	6	2
		12,470	3	-52.8		3	13	351	1	14,270	4	-65.4		4	47	269	3	16,631	4	-80.6		4	43	256	3	20,656	6	-65.6		7	87	254	9	23,810	7	-59.0		7	82	263	8
BRAZIL-SOUTHERN																																									
CAMPO GRANDE (AEROPORTO)		948		24.9	6.4					1,511	3	20.5	8.0	2	64	23	4	3,161	3	10.8	11.2	2	53	349	3	5,894	3	-5.0	24.1	2	33	318	2	9,710	3	-31.6	20.5	2	58	260	6
		12,462	3	-51.6		3	76	258	11	14,275	6	-65.0		6	66	264	8	16,676	7	-71.0		6	69	258	5																
BRASILIA/AEROPORTO/		898		23.2	7.6					1,537	3	19.8	6.5	3	75	69	4	3,180	3	8.9	7.6	3	41	91	2	5,905	3	-4.0	19.3	3	29	148	2	9,730	3	-31.2	19.3	3	30	224	3
		12,471	3	-52.8		3	45	237	5	14,263	4	-67.1		4	47	220	5	16,540	8	-77.9		8	43	185	3	20,657	14	-67.4		14	88	86	9	23,841	14	-53.9		14	98	77	13
TRINIDADE/ILHA/		1,015		27.3	4.4					1,539	7	15.5	5.8	6	54	59	2	3,169	7	8.2	12.3	6	32	1	1	5,873	6	-7.0	31.2	7	39	259	2	9,653	7	-35.1	26.2	7	57	231	9
		12,360	8	-54.9	29.2	9	63	204	11	14,151	11	-64.5		11	66	223	10	16,556	14	-75.0		14	37	220	3																
GALEAO		1,011		25.3	4.9					1,543	2	16.2	5.5	3	3	112	1	3,173	2	8.7	17.6	2	16	178	1	5,882	2	-6.6	21.2	2	46	240	4	9,678	2	-33.0	18.9	2	68	246	9
		12,409	2	-53.5	15.0	2	78	248	14	14,201	2	-65.7	16.3	3	78	235	13	16,599	2	-76.1	18.1	3	72	224	7	20,678	6	-64.1		7	87	95	7	23,887	7	-52.8		8	94	96	12
SAO PAULO(AEROPORTO)		926		20.7	4.7					1,539	3	16.9	5.0	2	30	29	2	3,176	3	9.8	15.4	2	24	268	1	5,897	3	-5.6	19.7	2	53	252	4	9,699	3	-32.8	18.4	2	78	266	10
		12,435	3	-52.6		3	85	260	14	14,239	4	-65.0		4	86	254	17	16,628	5	-76.1		6	83	244	8	20,307	5	-64.3		6	90	103	7	23,914	6	-53.6		7	97	103	10
CURITIBA (AEROPORTO)		914		18.4	2.7					1,536	4	16.5	5.0	4	39	45	2	3,167	4	8.4	14.4	4	51	291	3	5,884	4	-6.1	21.6	4	61	259	6	9,685	4	-32.8	20.3	4	64	258	9
		12,425	5	-52.8		8	92	251	15	14,228	5	-64.7		9	90	250	19	16,633	7	-74.3		11	54	261	7	20,735	9	-61.8						23,977	11	-51.5					
PORTO ALEGRE (AEROPORTO)		1,014		20.6	2.5					1,521	0	15.1	8.2	0	40	314	3	3,147	0	7.3	12.7	0	40	274	3	5,843	0	-8.4	18.3	0	74	256	7	9,614	0	-34.9	15.6	2	90	257	20
		12,328	0	-54.5		3	95	249	30	14,130	1	-65.2		5	97	246	31	16,560	2	-71.6		9	92	246	14	20,698	9	-61.3		14	32	124	2	23,937	9	-53.0		14	83	80	6
ARGENTINA-NORTHERN																																									
SALTA AERO	2	877		13.7	0.8					1,483	0	14.4	1.2	1	37	87	1	3,120	1	12.1	12.9	2	40	336	2	5,855	0	-5.2	20.6	1	55	289	4	9,645	0	-33.7	18.3	1	84	292	15
		12,374	0	-52.9		1	95	291	28	14,169	1	-64.3		3	93	291	31	16,585	3	-73.9		8	46	263	9	20,699	8	-63.8		13	53	114	5	23,912	18	-52.8		21	78	84	11
CORDOBA AERO	2	957		14.1	1.2					1,485	0	14.4	4.8	1	41	343	2	3,114	0	9.1	17.4	1	62	293	5	5,812	0	-9.2	19.5	1	82	285	12	9,549	0	-36.8	18.7	2	88	285	23
		12,250	0	-53.9		3	93	289	33	14,058	1	-61.7		10	95	286	27	16,526	0	-69.4		14	94	278	21	20,731	5	-59.5		18	29	343	1	23,991	0	-50.8		22	14	305	1
ARGENTINA-SOUTHERN																																									
SANTA ROSA AERO	2	991		11.0	1.5					1,485	1	11.4	9.0	2	26	273	2	3,075	0	2.7	11.7	3	74	277	8	5,711	0	-13.9	16.3	3	83	282	19	9,396	1	-40.6	15.3	4	88	280	33
		12,060	2	-56.2		4	92	285	39	13,866	2	-60.5		6	93	288	29	16,358	2	-65.0		7	97	282	28	20,603	5	-59.6		12	70	283	17	23,826	6	-54.3		16	29	194	4
NEUQUEN AERO	2	982		9.8	3.2					1,467	2	8.2	9.6	2	69	267	6	3,045	2	-0.6	12.4	2	91	281	13	5,653	2	-16.8	9.4	2	87	281	20	9,297	2	-43.1	8.2	2	86	278	26
		11,929	2	-56.7		2	90	280	33	13,728	3	-58.1		3	94	283	30	16,273	6	-61.8		6	95	282	23	20,588	13	-58.3		13	93	283	10	23,840	21	-51.5		21	88	272	11
EZEIZA AERO	2	1,012		14.8	1.3					1,492	0	12.1	11.7	0	20	297	2	3,096	0	4.6	14.0	0	66	275	6	5,755	0	-11.8	14.7	2	87	271	15	9,468	0	-38.1	15.9	1	88	278	27
		12,145	0	-55.2		1	88	282	33	13,947	0	-61.7		1	92	282	34	16,428	0	-66.4		1	95	271	22	20,658	0	-59.1		1	80	276	8	23,922	5	-52.0		7	66	264	5
COMODORO RIVADAVIA AERO	2	1,001		8.8	7.4					1,395	1	3.8	10.5	2	73	251	7	2,944	1	-6.1	12.6	2	79	249	10	5,497	2	-21.9	9.0	3	81	262	15	9,054	3	-47.8	8.5	5	80	268	23
		11,675	6	-55.8		10	95	278	28	13,517	8	-55.3		11	95	279	26	16,087	11	-57.6		14	96	278	21	20,468	13	-56.6		15	92	281	14	23,716	18	-55.1		20	97	270	15
EUROPE																																									
GREENLAND																																									
DANMARKSHAVN	3	1,021		-18.5	5.0					1,391	0	-15.8	9.2	0	47	293	4	2,844	0	-20.7	9.7	0	45	266	5	5,264	0	-34.5	9.7	0	61	265	10	8,681	0	-53.0		0	79	267	17
		11,296	0	-51.3		0	80	268	14	13,170	0	-50.2		0	79	273	12	15,817	0	-50.5		0	65	274	9	20,346	0	-47.0		0	13	215	2	23,762	0	-44.4		0	41	111	4
SCORESBYSUND	3	1,012		-9.3	5.5					1,416	0	-10.9	8.3	0	30	344	3	2,892	0	-16.5	9.0	0	11	239	1	5,358	0	-29.8	8.7	0	32	255	5	8,823	0	-52.4		0	49	264	12
		11,426	0	-52.5		0	68	270	12	13,288	0	-51.6		0	67	274	10	15,912	0	-52.5		0	64	277	8	20,395	0	-51.2		0	21	236	3	23,741	0	-47.3		0	50	146	5
EGEDESMINDE	3	1,009		-8.8	2.6					1,359	0	-13.2	6.8	0	41	211	3	2,823	0	-18.2	8.5	0	59	221	6	5,263	0	-32.7	7.5	0	65	218	10	8,704	0	-50.3		2	63	218	12
		11,354	0	-48.7		3	78	237	11	13,244	0	-49.5		3	82	245	9	15,886	0	-51.4		4	85	257	7	20,387	0	-51.6		4	55	328	3	23,716	0	-49.2		4	75	38	6
ANGMAGSSALIK	3	1,008		-1.7	3.2					1,394	1	-7.5	5.0	1	37	82	4	2,884	1	-15.3	6.4	1	24	108	3	5,357	1	-29.5	8.0	1	32	218	5	8,832	1	-49.7		1	51	237	11
		11,468	1	-51.0		1	64	249	11	13,340	1	-51.0		1	69	256	10	15,963	1	-53.6		1	70	258	7	20,406	1	-53.9		1	19	259	2	23,712	2	-50.9		2	50	102	3
NARSSARSSUAQ	3	1,011		1.8	4.8					1,387	0	-5.6	6.2	0	30	133	2	2,888	0	-13.5	8.4	0	31	237	3	5,375	0	-28.0	9.0	0	54	238	9	8,877	0	-47.5		0	66	247	18
		11,524	0	-51.1		0	74	253	13	13,392	0	-51.4		0	78	262	11	16,009	0	-54.3		0	82	265	8	20,429	0	-55.6		0	71	295	4	23,703	0	-54.2		0	39	28	3

UPPER AIR DATA

APRIL 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	SURFACE* 200 MB TEMPERATURE NUMBER OF MISSING DAYS	SURFACE* 200 MB TEMPERATURE MEAN	SURFACE* 200 MB DEW POINT DEPRESSION	SURFACE* 200 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	SURFACE* 200 MB MEAN VECTOR WIND STEADINESS FACTOR	SURFACE* 200 MB MEAN VECTOR WIND DIRECTION	SURFACE* 200 MB MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	850 MB 150 MB TEMPERATURE NUMBER OF MISSING DAYS	850 MB 150 MB TEMPERATURE MEAN	850 MB 150 MB DEW POINT DEPRESSION	850 MB 150 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	850 MB 150 MB MEAN VECTOR WIND STEADINESS FACTOR	850 MB 150 MB MEAN VECTOR WIND DIRECTION	850 MB 150 MB MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	700 MB 100 MB TEMPERATURE NUMBER OF MISSING DAYS	700 MB 100 MB TEMPERATURE MEAN	700 MB 100 MB DEW POINT DEPRESSION	700 MB 100 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	700 MB 100 MB MEAN VECTOR WIND STEADINESS FACTOR	700 MB 100 MB MEAN VECTOR WIND DIRECTION	700 MB 100 MB MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	500 MB 50 MB TEMPERATURE NUMBER OF MISSING DAYS	500 MB 50 MB TEMPERATURE MEAN	500 MB 50 MB DEW POINT DEPRESSION	500 MB 50 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	500 MB 50 MB MEAN VECTOR WIND STEADINESS FACTOR	500 MB 50 MB MEAN VECTOR WIND DIRECTION	500 MB 50 MB MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	300 MB 30 MB TEMPERATURE NUMBER OF MISSING DAYS	300 MB 30 MB TEMPERATURE MEAN	300 MB 30 MB DEW POINT DEPRESSION	300 MB 30 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	300 MB 30 MB MEAN VECTOR WIND STEADINESS FACTOR	300 MB 30 MB MEAN VECTOR WIND DIRECTION	300 MB 30 MB 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
UNITED KINGDOM																																									
LERWICK	3	1,004		4.0	3.8					1,407	0	-6.1	3.7	0	29	88	3	2,904	0	-14.1	10.0	0	22	96	2	5,383	0	-29.4	9.1	0	16	17	2	8,847	0	-52.2		0	40	16	8
		11,449	0	-52.9		0	30	1	4	13,308	0	-52.3		0	28	310	3	15,930	0	-52.8		0	35	273	3	20,409	0	-51.4		0	75	216	6	23,733	0	-50.1		0	71	200	7
STORNOWAY	3	1,012		5.2	3.1					1,406	0	-5.0	3.7	0	11	81	1	2,910	0	-12.5	8.1	0	15	357	2	5,403	0	-28.0	8.1	0	30	355	5	8,881	0	-51.9		0	41	2	10
		11,479	0	-53.6		0	46	357	7	13,336	0	-52.5		0	46	336	5	15,950	0	-53.2		0	47	309	4	20,410	0	-52.5		0	61	231	5	23,709	1	-50.6		1	73	200	7
AUGHTON	3	1,004		5.5	3.0					1,395	0	-3.9	3.1	0	10	62	1	2,903	0	-12.5	6.9	0	12	344	1	5,390	0	-29.3	7.2	0	20	346	3	8,850	0	-51.1		0	31	348	6
		11,472	0	-51.5		0	39	305	5	13,341	0	-51.5		0	48	281	4	15,962	0	-52.9		0	57	259	4	20,435	0	-52.3		0	70	220	6	23,743	0	-51.5		0	63	204	5
CRAWLEY	3	993		5.5	3.2					1,396	0	-2.9	3.9	0	20	276	2	2,910	0	-11.7	8.2	0	24	255	3	5,403	0	-28.8	9.4	0	39	248	6	8,868	0	-51.3		0	41	260	9
		11,490	0	-51.3		0	56	258	7	13,356	0	-51.6		0	69	249	7	15,976	0	-53.0		0	72	239	6	20,447	0	-52.6		0	75	215	6	23,749	0	-52.6		0	50	190	4
DENMARK AND FAROE IS																																									
THORSHAVN	3	1,007		4.5	4.1					1,405	0	-5.6	4.4	0	19	134	2	2,906	0	-13.1	9.5	0	13	96	1	5,398	0	-27.8	10.1	0	16	352	3	8,884	0	-51.2		0	26	349	6
		11,484	0	-53.8		0	43	342	6	13,338	0	-52.8		0	48	329	5	15,946	0	-53.2		0	52	296	5	20,386	3	-51.9		6	50	226	5	23,727	11	-49.7					
KOBENHAVN/JAEGERSBORG	3	1,007		4.8	4.6					1,404	0	-2.5	6.5	0	18	217	1	2,920	0	-11.1	9.8	0	4	225	4	5,425	0	-27.4	10.5	0	73	223	10	8,907	0	-51.4		0	83	220	16
		11,520	0	-51.8		0	92	224	12	13,389	0	-50.9		0	91	223	10	16,025	0	-51.3		0	89	220	9	20,533	0	-51.1		0	79	200	6	23,849	0	-51.5		0	63	161	4
NORWAY																																									
BJORNOYA	3	1,015		-5.9	2.8					1,389	2	-13.1	9.3	2	51	324	5	2,851	2	-19.3	13.8	2	64	315	8	5,286	2	-33.1	12.4	2	65	307	11	8,707	2	-53.3		2	75	333	14
		11,325	2	-50.7		2	81	286	12	13,204	2	-49.5		2	79	284	10	15,858	2	-48.9		2	65	272	8	20,537	3	-45.9		3	65	243	7	23,859	3	-44.1		3	51	221	4
JAN MAYEN	3	1,017		-3.6	3.4					1,410	0	-9.0	8.8	0	13	199	2	2,893	0	-16.3	14.8	0	25	243	3	5,358	0	-30.2	13.4	0	40	270	6	8,814	0	-52.3	13.7	1	59	285	13
		11,412	0	-52.6	25.3	0	72	287	11	13,273	0	-51.7	28.5	0	73	284	10	15,899	0	-52.0	30.2	0	63	282	8	20,405	0	-49.4	31.1	1	45	219	6	23,774	0	-46.3	31.4	0	64	188	8
BODO	3	1,014		2.3	4.3					1,404	0	-7.4	5.1	0	14	240	1	2,893	0	-15.4	5.2	0	33	297	3	5,358	0	-31.1	5.7	0	38	310	5	8,810	0	-51.6		0	48	295	8
		11,439	0	-50.9		0	56	276	7	13,311	0	-50.4		0	68	265	8	15,960	0	-49.8		0	71	247	8	20,523	0	-47.0		0	74	223	9	23,915	1	-46.7		1	56	210	5
ORLAND	3	1,014		3.1	4.8					1,412	0	-6.1	4.2	0	14	15	1	2,909	0	-14.2	5.2	0	16	319	2	5,389	0	-29.5	7.7	1	11	321	2	8,852	0	-52.1		0	9	59	2
		11,473	0	-51.5		0	40	281	5	13,345	0	-50.8		0	47	259	5	15,986	0	-50.7		0	64	243	7	20,523	0	-48.7		1	82	220	3	23,887	0	-47.9		0	61	207	6
STAVANGER/SOLA	3	1,009		4.2	6.1					1,408	0	-4.7	4.7	0	35	156	3	2,910	0	-13.5	7.3	0	18	197	2	5,393	0	-29.8	7.1	0	12	235	2	8,853	0	-51.1		0	16	254	3
		11,488	0	-50.1		0	35	242	4	13,366	0	-50.5		0	60	235	5	16,006	0	-50.9		0	68	230	6	20,530	0	-49.6		0	86	216	9	23,871	1	-48.7		1	65	188	6
OSLO/GARDERMOEN	3	991		1.3	4.7					1,413	0	-3.5	5.1	0	25	58	2	2,913	0	-13.5	9.9	0	6	142	1	5,397	0	-29.2	12.3	0	27	208	3	8,870	0	-50.9		0	35	211	6
		11,507	0	-49.1		0	55	223	6	13,389	0	-50.0		0	74	226	8	16,120	0	-49.7		0	83	223	9	20,591	0	-48.6		0	76	216	9	23,953	0	-48.6		0	68	205	6
FINLAND																																									
JYVASKYLA	3	997		0.7	5.2					1,414	0	-5.2	7.2	0	28	211	2	2,916	0	-13.2	9.9	0	5	238	5	5,403	0	-28.7	9.9	0	67	243	9	8,875	0	-51.0	11.8	0	71	240	15
		11,495	0	-51.7		0	85	240	13	13,367	0	-50.5		0	89	240	12	16,011	0	-50.3		0	87	238	11	20,553	0	-50.2		0	78	233	7	23,865	0	-49.7		0	53	227	3
FRANCE																																									
BREST/GUIPAVAS	1	1,000		5.0	2.3					1,403	3	-3.0	4.4	1	39	308	4	2,917	3	-11.5	9.4	1	43	297	5	5,415	3	-28.2	10.0	1	41	299	7	8,902	3	-50.1		1	45	293	10
		11,513	4	-52.0		2	64	284	9	13,386	5	-51.8		3	72	281	8	16,003	6	-53.7		4	79	262	6																
TRAPPES	1	991		4.6	2.2					1,404	1	-2.3	3.5	2	24	296	2	2,922	1	-11.0	7.3	2	36	255	4	5,429	1	-27.4	7.7	2	54	237	9	8,917	5	-50.7		2	63	236	16
		11,541	6	-51.5		3	73	247	11	13,409	6	-51.9		3	75	246	9	16,025	6	-53.4		3	85	240	8	20,484	6	-53.8		3	72	218	5	23,755	8	-54.1		3	36	168	2
NANCY/ESSEY	2	986		8.5	5.4					1,411	1	-0.5	4.2	6	36	220	3	2,940	1	-8.7	6.7	6	59	224	6	5,468	1	-25.2	7.6	6	71	228	12	8,981	1	-50.1		6	74	225	20
		11,589	1	-52.8		6	77	234	13	13,449	2	-51.6		6	81	231	10	16,076	3	-52.4		6	86	227	8	20,552	11	-53.3													
LYON/SATOLAS	2	984		8.9	6.0					1,420	2	0.0	5.0	3	34	219	3	2,952	2	-8.5	5.7	3	52	217	7	5,482	2	-24.9	9.0	3	59	230	11	9,005	3	-49.1		4	60	231	18
		11,613	3	-53.7		7	77	234	15	13,475	5	-52.2		8	82	232	12	16,094	6	-53.2						20,542	16	-53.7													
BORDEAUX/MERIGNAC	1	1,008		5.7	1.9					1,425	0	-1.2	3.9	3	65	281	6	2,949	0	-9.4	6.5	4	73	274	8	5,474	0	-25.4	8.6	4	55	256	10	8,987	0	-49.9		4	61	250	16
		11,595	0	-53.8		5	81	259	16	13,450	1	-52.9		5	87	258	14	16,058	2	-54.4		4	92	253	11	20,495	3	-54.5		5	76	234	5	23,759	6	-55.4		6	33	223	2
NIMES/COURBESSAC	1	1,004		8.3	4.6					1,422	1	1.0	4.5	1	15	293	2	2,964	2	-6.8	6.1	2	44	253	6	5,510	2	-23.7	8.7	3	54	250	10	9,039	2	-49.9		4	61	242	17
		11,639	2	-54.7		5	82	249	20	13,491	2	-53.4		5	87	251	16	16,089	4	-54.9		6	91	248	11																
AJACCIO	2	1,010		15.6	5.8					1,429	1	4.5	6.6	7	57	231	3	2,984	1	-4.8	7.5	7	84	248	9	5,550	1	-21.5	9.4	7	83	250	15	9,114	1	-47.3		8	83	256	21
		11,727	2	-56.5		8	93	254	27	13,561	2	-54.3		8	94	252	22	16,148	2	-55.9		8	95	248	16	20,541	14	-55.5													
BELGIUM																																									
UCCLE	2	999		6.9	4.1					1,402	0	-1.6	1.1	0	34	210	3	2,923	0	-9.9	4.0	0	46	221	5	5,440	0	-26.2	5.2	0	62	224	9	8,938	0	-50.0		0	66	223	15
		11,572	0	-50.3		0	70	224	13	13,453	0	-53.0		0	77	226	10	16,096	0	-50.8		0	84	228	8	20,612	0	-50.5		0	81	204	7	23,937	0	-50.5		0	65	178	5
SWITZERLAND																																									
PAYERNE	3	953		6.5	4.4					1,416	0	0.6	3.7	0	41	225	3	2,949	0	-8.3	3.4	0	60	213	8	5,482	0	-24.6	5.6	0	65	226	14	8,998	0	-50.7	4.5	0	65	223	21
		14,392	0	-54.3	6.2	0	76	237	16	13,439	0	-53.5		1	79	235	12	16,038	0	-54.2		1	86	233	10	20,458	1	-55.0		6	65	213	4	23,722	1	-54.9		8	42	159	2
FEDERAL REP OF GERMANY																																									
SCHLESWIG	3	1,006		5.2	3.5					1,407	0	-2.5	3.5	0	22	153	2	2,922	0	-11.1	6.9	0	48	213	4	5,425	0	-27.9	6.4	0	71	217	10	8,897	0	-52.0	5.8	0	77	221	17
		11,510	0	-52.2	7.2	0	88	223	12	13,375	0	-51.4		0	90	226	10	16,001	0	-52.2		0	88	222	8	20,486	0	-52.4		0	78	205	6	23,785	0	-52.7		0	61	169	4
HANNOVER	3	1,004		6.2	4.1					1,401	2	-1.9	3.3	0	25	200	2	2,915	2	-10.8	6.1	0	57	214	5	5,423	2	-27.6	6.5	0	76	220	11	8,904	2	-51.7	5.8	0	83	227	19
		11,516	2	-51.9	7.7	0	87	224	14	13,384	2	-51.2		0	90	227	11	16,011	2	-52.0		0	87	225	9	20,494	2	-52.2		0	76	207	6	23,793	2	-53.0		0	56	157	3
BERLIN/TEMPELHOF	2	1,006		8.4	5.6					1,413	0	0.0	5.0	0	16	224	1	2,945	0	-8.4	8.4	0	62	212	6	5,474	0	-25.3	10.7	0	82	224	11	8,983	0	-51.0	10.8	0	85	227	17
		11,584	0	-53.4	20.8	0	91	226	15	13,448	0	-51.7		0	93	224	12	16,075	0	-52.0		0	89	220	9	20,562	2	-52.2		2	75	195	5	23,865	3	-52.1		3	65	156	4
ESSEN	3	993		6.5	3.8					1,409	0	-1.5	3.1	0	33	208	3	2,930	0	-10.3	6.3	0	50	221	5	5,441	0	-27.0	6.7	0	67	224	11	8,929	0	-51.1	5.8	0	73	224	18
		11,538	0	-52.2	7.9	0	79	227	13	13,403	0	-51.7		0	83	230	11	16,023	0	-52.7		0	86	225	9	20,499	0	-52.7		0	78	209	6	23,789	0	-53.4		0	54	165	3
STUTTGART/BAD CANNSTATT	3	973		7.6	4.3					1,414	0	0.6	3.7	0	41	245	3	2,946	0	-8.6	4.2	0	67	223	7	5,477	0	-24.6	6.8	0	73	224	14	8,993	0	-50.4	5.5	0	74	232	21
		11,589	0	-54.1	6.7	0	80	227	15	13,445	0	-52.3		0	84	229	12	16,060	0	-53.4		0	89	227	10	20,514	0	-54.0		0	67	204	4	23,788	0	-54.3		0	54	137	3
MUNCHEN/OBERSCHLEISSHEIM	3	953		7.6	5.0					1,415	0	2.1	4.9	1	44	245	3	2,957	0	-7.1	3.8	1	67	233	7	5,503	0	-23.3	6.4	1	69	228	12	9,032	0	-49.8	5.3	1	70	236	20
		11,622	0	-55.7	6.2	1	80	232	17	13,469	0	-53.1		1	84	235	13	16,078	0	-53.7		1	89	228	10	20,524	0	-54.4		1	65	197	4	23,792	0	-54.5		1	56	131	3
AUSTRIA																																									
WIEN/HOHE-WARTE	3	987		12.0	8.7					1,436	0	4.6	7.9	0	41	234	7	2,989	0	-4.8	8.8	0	67	230	14	5,545	0	-23.0	9.4	0	77	229	23	9,076	0	-50.3		0	76	240	35
		11,653	0	-57.3		0	82	243	32	13,490	0	-54.3		0	88	237	23	16,088	0	-54.6		0	92	233	19	20,523	0	-54.8		0	63	207	7	23,787	3	-54.4		3	54	138	6

UPPER AIR DATA

APRIL 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
CZECHOSLOVAKIA																																											
PRAHA/LIBUS	3	974		9.9	6.9					1,419	0	3.3	4.9	0	38	324	3	2,964	0	-6.7	4.5	0	64	312	6	5,511	0	-23.2	5.7	0	74	314	12	9,040	0	-50.3	5.3	2	75	305	19
		11,626	0	-56.2	5.1	3	85	308	17	13,471	0	-53.2	5.7	3	90	308	13	16,078	0	-53.6	5.7	4	91	311	10	20,526	9	-54.8		9	66	344	5	23,788	21	-54.9		9	64	49	3
POPRAD/GANOVCE	3	929		9.0	6.6					1,437	0	5.0	6.8	0	57	218	4	2,990	0	-4.8	5.8	0	79	227	9	5,555	0	-21.2	6.7	0	78	231	10	9,116	0	-48.6	5.3	0	76	234	16
		11,706	0	-57.8	5.0	0	86	235	16	13,536	0	-54.2	5.7	0	91	228	12	16,133	0	-54.7		0	91	220	10	20,562	0	-55.4		0	62	185	4	23,809	6	-55.3		8	55	124	3
HUNGARY																																											
BUDAPEST/LORINC	3	994		12.6	8.0					1,439	3	5.3	7.0	3	56	225	5	2,998	3	-4.6	5.8	3	72	234	8	5,564	3	-21.7	6.4	3	76	237	10	9,117	3	-49.0	4.6	3	75	244	15
		11,702	3	-58.1		4	83	244	15	13,530	4	-54.6		5	88	241	12	16,124	6	-54.9		6	89	233	9	20,549	18	-55.4		18	58	195	3	23,809		-54.7			52	113	3
SZEGED	3	1,002		14.1	8.4					1,451	0	6.0	6.8	2	56	224	4	3,013	0	-4.4	5.4	2	67	235	7	5,579	0	-18.0	6.2	1	73	243	10	9,126	1	-49.4	4.6	2	71	249	14
		11,710	1	-57.7		2	82	250	15	13,541	1	-54.7		2	90	243	12	16,131	2	-55.2		2	92	235	9	20,547	6	-55.9		6	51	186	3	23,805	18	-54.8		18	63	110	3
POLAND																																											
LEBA	3	1,011		4.2	2.9					1,406	0	-0.8	3.8	1	31	205	3	2,935	0	-8.9	4.7	1	63	230	5	5,465	0	-25.2	5.2	1	82	230	1	8,977	0	-50.7		0	83	230	18
		11,575	0	-54.0		0	92	230	5	13,434	0	-52.1		0	93	230	13	16,053	2	-54.3		2	87	225	10	20,541	9	-52.8		9	75	200	6								
POZNAN	3	1,001		7.9	4.7					1,418	0	1.0	5.1	0	40	215	3	2,953	0	-8.1	6.7	0	69	230	6	5,489	0	-24.7	6.5	0	81	235	12	9,003	3	-50.8		1	79	235	17
		11,601	2	-54.4		2	95	230	12	13,450	5	-52.4		5	95	230	12	16,058	6	-52.7		6	89	225	10	20,537	8	-53.3		8	73	205	5	23,830	10	-53.1		8	61	150	4
LEGIONOWO	3	1,000		9.1	5.9					1,412	0	2.5	6.4	0	47	215	4	2,975	0	0.3	6.1	0	71	235	6	5,529	0	-22.8	7.2	0	79	235	12	9,063	0	-50.4		0	75	235	16
		11,652	0	-55.9		0	88	235	14	13,497	0	-53.4		0	92	230	12	16,104	0	-53.7		0	85	225	9	20,554	6	-54.4		6	68	195	5	23,818	8	-54.2		8	83	110	5
WROCLAW I	1	996		7.5	2.7					1,416	0	2.6	4.9	0	45	230	4	2,960	0	-6.6	5.7	0	68	235	7	5,510	0	-23.2	5.7	0	78	235	13	9,048	0	-48.8		6	79	255	18
		11,647	0	-56.4																																							
GIBRALTAR																																											
NORTH FRONT	3	1,015		14.5	5.9					1,472	0	4.1	6.0	0	77	270	8	3,029	0	-3.3	11.9	0	83	262	11	5,610	0	-19.2	11.2	0	86	263	17	9,200	0	-46.3		0	88	262	27
		11,814	0	-56.7		0	96	259	32	13,639	0	-56.5		0	98	259	29	16,189	0	-59.6		0	99	257	20	20,537	0	-56.9		0	87	248	6	23,773	0	-55.8		0	11	270	0
PORTUGAL																																											
LAJES /ACORES/	1	1,009		12.5	4.3					1,525	1	3.5	3.7	3	57	325	5	3,090	1	-1.8	12.4	2	64	315	6	5,680	1	-18.2	11.0	2	58	315	8	9,290	1	-46.2		4	69	315	14
		11,880	1	-61.4		5	81	300	15	13,670	1	-60.8		5	89	300	13	16,180	5	-61.6		9	91	295	10	20,500	8	-57.9		9	69	285	4								
LISBOA/GAGO CONTINHO	2	1,003		13.3	5.8					1,468	0	1.5	4.7	2	41	330	2	3,013	0	-5.8	12.7	2	51	319	4	5,576	0	-21.2	13.8	2	52	306	5	9,143	0	-47.5	14.5	3	44	298	8
		11,750	0	-56.2	18.5	5	40	254	5	13,587	1	-55.3	24.4	6	52	226	6	16,158	1	-57.6		7	80	214	6																
CAPE VERDE																																											
SAL	2	1,006								1,539	3	20.3	23.9	3	52	10	3	3,176	3	8.4	14.7	3	71	235	6	5,960	3	-10.8	15.5	3	83	245	13	9,605	3	-37.2		3	96	255	27
		12,283	3	-55.3		3	95	250	40	14,454	3	-66.0		3	95	255	36	16,468	3	-75.2		3	98	260	22	20,531	4	-66.1		5	18	70	1	23,703	5	-56.4		5	92	75	9
MADEIRA																																											
FUNCHAL	2	1,012		16.9	7.6					1,502	0	4.2	3.8	0	60	340	3	3,070	0	-0.4		0	66	320	6	5,680	0	-15.9	18.6	0	84	290	13	9,330	1	-44.3		1	82	280	17
		11,950	4	-58.6		4	96	265	24									16,280	7	-62.1		7	97	265	19																
SPAIN																																											
MADRID/BARAJAS	3	940		9.0	6.9					1,454	0	2.7	5.7	0	51	269	3	2,995	0	-6.9	8.2	0	68	268	7	5,539	0	-23.2	10.4	0	72	264	12	9,093	0	-47.7	11.7	0	82	262	21
		11,707	0	-54.7		0	93	256	22	13,553	0	-53.8		0	95	261	19	16,143	0	-55.9		0	97	256	24	20,560	0	-54.7		0	84	242	5	23,833	1	-54.3		1	25	205	1
PALMA/SON BONET	2	1,009		15.1	4.5					1,450	0	4.5	7.6	0	51	318	4	3,003	0	-4.9	8.4	0	59	311	6	5,570	0	-21.5	11.3	0	52	305	7	9,132	0	-47.3	11.9	0	46	310	11
		11,749	0	-56.5		0	65	292	14	13,588	0	-54.6		0	76	282	13	16,171	0	-56.7		0	84	281	11	20,568	0	-55.7		0	63	291	4	23,825	0	-54.5		1	55	303	5
ITALY																																											
UDINE/CAMPOFORMIDO	3	1,000		11.8	5.0					1,430		3.8	4.0	0	54	189	7	2,976	0	-6.1	4.6	0	68	219	16	5,532	0	-22.5	7.5	0	70	224	24	9,086	0	-48.6		0	67	236	35
		11,683	0	-56.5		0	76	238	33	13,520		-53.5		0	83	238	30	16,129	0	-54.3		0	88	234	21	20,571	0	-54.4		0	64	208	8	23,843	0	-53.7		0	50	132	6
MILANO/LINATE	3	998		11.9	5.5					1,422		3.4	4.6	0	42	157	6	2,966	0	-6.5	4.9	0	57	210	12	5,507	0	-23.3	8.6	0	60	231	21	9,048	0	-49.3		0	64	231	36
		11,645	0	-55.2		0	74	239	35	13,497		-53.0		0	76	236	31	16,110	0	-54.0		0	80	232	25	20,562	4	-54.6		0	58	216	12	23,852	10	-52.7		10	52	208	7
ROMA/FIUMICINO	3	1,012		13.0	5.5					1,446		5.2	8.7	0	68	207	11	3,002	0	-4.1	9.5	0	72	229	16	5,575	0	-20.8	10.6	0	69	236	24	9,144	0	-47.0		0	71	246	36
		11,753	0	-56.5		0	87	251	43	13,588		-54.8		0	93	253	36	16,171	0	-56.3		0	94	250	26	20,570	0	-56.3		0	56	223	6	23,823	1	-54.9		1	48	143	4
BRINDISI	3	1,012		15.1	5.2					1,462		7.2	10.2	0	61	206	9	3,090	-	-2.2	12.3	0	69	237	13	5,613	0	-19.8	11.5	0	73	253	22	9,199	0	-46.6		0	70	259	34
		11,808	0	-57.4		0	87	265	42	13,633		-56.0		0	95	262	36	16,203	0	-57.4		0	94	257	23	20,575	0	-57.1		0	50	213	4	23,797	1	-55.6		1	52	136	4
CAGLIARI/ELMAS	3	1,012		14.5	4.0					1,450		6.1	7.8	0	63	259	13	3,012	0	-2.8	10.3	0	76	248	19	5,591	0	-20.4	10.7	0	81	250	32	9,173	0	-46.2		0	84	254	49
		11,790	0	-56.2		0	95	256	56	13,623		-55.6		0	97	256	49	16,195	0	-58.0		0	96	254	32	20,565	0	-57.4		0	60	229	6	23,808	0	-55.3		0	43	142	4
TRAPANI/BIRGI	3	1,012		15.7	7.4					1,471		7.4	11.2	0	59	235	11	3,034	0	-1.7	14.2	0	73	251	17	5,635	0	-18.7	15.5	0	85	257	31	9,245	0	-45.0		0	91	260	49
		11,870	0	-56.7		0	96	265	53	13,695		-56.8		0	55	257	33	16,250	0	-59.2		0	94	264	37	20,596	9	-57.9		15	36	276	7	23,830	13	-55.3		21	42	111	5
ROMANIA																																											
CLUJ-NAPOCA	1	963		8.7	4.5					1,442	0	6.1	6.1	0	70	225	4	2,999	0	-4.7	5.1	0	60	260	7	5,566	0	-21.2	6.1	0	80	260	10	9,126	0	-47.3	4.2	0	70	260	13
		11,713	0	-58.8	3.3	0	70	265	13	13,533	0	-55.3	4.5	0	80	260	13	16,110	0	-55.5	4.9	0	90	260	12	20,506	8	-56.7		8	80	245	10	23,757	16	-56.6		16	80	240	10
BUCURESTI/IMH	1	1,002		0.9	4.8					1,465	0	6.9	1.7	0	30	190	2	3,030	0	-3.1	8.5	0	60	255	6	5,611	0	-20.4	8.4	0	80	255	10	9,186	0	-46.7	6.3	0	60	300	11
		11,797	0	-56.7	6.9	0	70	265	12	13,621	0	-54.9	6.5	0	80	255	12	16,209	1	-55.8	6.7	1	90	250	11																
CONSTANTA	1	1,012		9.8	2.2					1,459	0	6.2	8.0	0	30	205	1	3,020	0	-4.0	8.6	0	40	257	3	5,592	0	-21.3	9.2	0	50	275	5	9,156	0	-48.0	6.4	0	50	285	7
		11,755	0	-57.8	6.1	0	50	290	8	13,576	0	-55.8	6.6	0	70	275	9	16,143	1	-56.8	6.9	1	70	255	9																
TURKEY																																											
SAMSUN	2	1,014		13.2	5.1					1,481	1	9.7	9.6	13	67	320	4	3,059	1	-1.4	8.2	13	75	210	6	5,653	1	-19.0	9.7	13	60	250	6	9,265	2	-43.4		13	75	230	9
		11,922	3	-52.6		14	80	230	8	13,781	5	-52.2		18	80	230	8	16,396	12	-52.1		22	75	250	6	20,882	18	-50.4		25	88	250	7	24,240	20	-45.1		28	83	230	5
ISTANBUL/GOZTEPE	2	1,010		17.3	10.6					1,484	0	8.5	10.8	2	57	230	4	3,059	0	-1.3	14.5	2	50	270	5	5,629	0	-18.9	13.1	2	46	270	6	9,242	0	-46.2		2	55	290	11
		11,842	1	-56.9		4	75	280	12	13,681	4	-54.9		6	83	265	10	16,263	5	-56.2		8	80	255	8	20,574	19	-57.4		24	75	200	3	23,809	26	-55.1		26	44	180	4
IZMIR	2	1,009		21.9	13.1					1,480	0	9.7	11.9	1	17	90	1	3,060	0	-0.1	14.0	1	22	310	2	5,664	0	-18.0	11.2	1	47	300	7	9,267	0	-46.0		1	76	300	16
		11,871	0	-58.2		2	77	300	17	13,694	1	-56.0		3	95	300	19	16,255	1	-58.5		4	86	290	12	20,602	3	-58.0		19	40	330	2	23,848	6	-54.9		22	80	10	4
ANKARA/CENTRAL	2	911		19.0	15.4					1,499	0	12.6	12.0	0	75	205	3	3,083	0	-1.5	8.0	0	86	230	6	5,673	0	-19.3	8.4	0	82	235	9	9,261	0	-46.1		1	89	270	16
		11,876	0	-56.3		1	81	255	13	13,710	0	-54.9		1	78	265	11	16,294	0	-57.5		1	82	255	9	20,663	2	-57.7		3	80	210	4	23,903	2	-55.1		3	80	170	4
ISPARTA	2	900		18.5	15.2					1,494	0	13.5	7.2	0	67	174	4	3,085	0	0.1	10.2	0	71	208	5	5,692	0	-17.8	9.1	0	78	247	11	9,297	0	-45.5		0	86	264	18
		11,902	0	-57.3		0	81	272	17	13,729	0	-56.4		0	85	269	17	16,285	3	-58.4		3	79	264	11	20,619	7	-58.9		7	71	237	5	23,853	9	-54.9		9	60	208	3

UPPER AIR DATA

APRIL 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
TURKEY																																									
DIYARBAKIR	2	936		20.6	10.4					1,477	0	12.8	6.2	0	33	80	1	3,070	0	0.3	6.6	0	67	240	4	5,680	0	-17.4	8.7	0	70	265	7	9,302	0	-44.8		0	69	230	11
		11,921	0	-56.5		0	88	240	15	13,755	1	-55.1		1	75	245	12	16,326	2	-57.9		2	85	240	11	20,668	5	-58.7		5	67	200	6	23,906	11	-54.3		11	71	210	5
USSR																																									
MURMANSK		1,006		-1.3	4.7					1,392	0	-9.0	4.0	0	42	279	4	2,873	0	-17.2	6.3	0	54	276	6	5,323	0	-31.9	6.2	0	54	265	10	8,764	0	-51.8		0	66	259	15
		11,388	0	-50.5		0	75	263	13	13,261	0	-49.9		0	87	260	14	15,919	0	-49.5		0	79	256	13	20,486	3	-48.3		3	81	262	10	23,850	4	-47.6		4	68	256	5
ARKHANGELSK		1,017		1.0	5.4					1,423	2	-7.4	1.4	2	42	265	4	2,917	2	-14.2	5.7	2	58	248	7	5,404	2	-28.3	5.8	2	79	242	15	8,883	2	-52.1	4.7	3	80	237	21
		11,489	2	-52.6	5.2	3	80	238	17	13,346	2	-51.3	6.0	3	88	240	15	15,983	2	-50.9	7.0	4	81	244	12	20,497	2	-50.9	8.3	4	66	237	7	23,831	2	-49.6	9.4	4	21	227	2
LENINGRAD /TOWN/VILLE/		1,006		4.5	6.3					1,417	0	-3.0	6.3	0	29	215	3	2,929	0	-10.7	7.9	0	52	236	5	5,449	0	-25.5	7.3	0	74	235	12	8,989	0	-48.9		0	77	239	18
		11,597	0	-52.4		0	81	236	16	13,462	0	-51.0		1	86	237	14	16,102	1	-51.0		1	88	237	12	20,609	3	-51.3		3	77	244	7	23,916	5	-50.9		5	28	226	2
KAUNAS		1,002		7.6	5.9					1,422	0	0.1	4.8	1	44	218	4	2,960	0	-7.4	6.1	0	63	221	7	5,506	0	-23.4	6.5	1	75	223	11	9,039	0	-49.4	4.8	4	69	230	15
		11,642	0	-55.2	4.7	4	73	224	14	13,486	0	-53.2	5.3	6	81	221	13	16,102	0	-52.5	6.0	6	80	208	12	20,587	0	-52.0	6.7	7	63	192	8	23,881	2	-52.6	7.3	9	52	180	6
MINSK		985		7.7	6.4					1,432	0	1.7	6.3	0	47	225	5	2,971	0	-6.9	6.7	0	60	234	7	5,515	0	-23.8	8.4	0	60	245	9	9,035	0	-50.2	5.9	0	60	244	13
		11,630	0	-54.2	7.0	0	78	239	13	13,484	0	-52.3	8.5	0	78	234	11	16,099	0	-52.9	9.9	0	78	232	9	20,551	0	-54.1	11.4	0	49	209	3	23,824	0	-53.2	12.2	0	57	122	3
VOLOGDA		1,000		5.2	5.2					1,438	0	-1.5	3.9	0	44	200	5	2,966	0	-8.4	6.4	0	62	219	9	5,505	0	-23.8	6.8	0	75	217	15	9,039	0	-49.6	5.1	0	75	215	20
		11,635	0	-54.5	5.4	2	81	216	16	13,490	0	-52.3	6.2	3	85	226	14	16,112	0	-52.2	7.1	3	85	225	11	20,594	1	-51.8	9.2	4	49	229	4	23,905	4	-51.0	10.5	8	11	169	1
MOSKVA		992		-1.0	2.9					1,444	0	1.5	5.4	0	57	219	7	2,986	0	-6.6	5.4	0	63	231	10	5,535	0	-22.8	7.8	0	63	234	12	9,080	0	-48.6	5.9	0	62	233	16
		11,686	0	-54.5	7.2	0	80	235	16	13,536	0	-52.4	8.6	0	83	239	12	16,154	3	-53.0	9.7	4	90	240	10	20,609	6	-53.7	10.6	6	59	225	3	23,888	8	-53.5	10.9	8	44	97	2
KAZAN		1,006		9.1	6.4					1,500	0	2.3	8.6	1	72	239	9	3,045	0	-6.3	9.6	1	76	249	12	5,596	0	-23.1	7.6	0	78	254	14	9,140	0	-48.8	5.3	0	81	264	16
		11,752	0	-57.0	5.2	0	80	267	16	13,582	0	-54.9	5.8	0	84	265	16	16,175	0	-54.5	6.4	3	88	261	15	20,616	0	-53.8	7.3	9	79	269	12	23,924	2	-52.5	7.7	9	74	274	10
SARATOV		1,003		12.1	10.7					1,530	0	4.6	12.2	0	59	203	7	3,088	0	-4.6	13.5	0	64	215	9	5,654	0	-21.3	11.1	0	64	230	11	9,220	0	-47.8	6.9	0	64	248	14
		11,815	0	-58.5	6.2	0	74	247	15	13,637	0	-55.3	6.8	0	78	244	13	16,226	0	-55.6	7.4	0	72	251	9	20,645	0	-55.3	8.2	0	10	305	1	23,920	0	-52.9	9.3	0	69	71	5
LVOV		973		11.1	6.0					1,442	0	4.0	5.8	0	44	232	4	2,995	0	-5.7	4.6	0	77	249	7	5,552	0	-22.7	6.2	2	72	250	8	9,091	0	-49.6	4.6	2	69	261	13
		11,683	0	-55.9	4.7	5	76	248	11	13,521	0	-54.0	5.3	5	72	231	9	16,123	0	-54.1	5.9	2	81	222	9	20,568	1	-54.4	6.5	3	63	203	6	23,843	1	-54.0	7.1	2	32	140	3
KIEV		994		11.5	8.5					1,456	0	4.1	7.1	0	53	212	5	3,004	0	-5.1	7.7	0	59	288	6	5,565	0	-21.5	8.8	0	47	242	7	9,133	0	-47.2		0	52	244	12
		11,754	0	-54.7		0	64	244	11	13,602	0	-52.8		0	76	234	9	16,213	0	-54.0		0	74	233	7	20,646	0	-55.2		1	34	175	2	23,909	1	-54.8		2	55	105	3
HAR KOV		998		12.2	9.1					1,479	0	4.9	7.7	0	52	202	5	3,038	0	-4.5	8.2	0	57	213	7	5,608	0	-21.3	9.4	0	58	216	10	9,173	0	-47.8		0	58	217	14
		11,785	0	-55.2		0	62	229	12	13,634	0	-53.3		0	68	233	9	16,244	0	-54.4		0	75	232	7	20,663	0	-55.7		0	22	176	1	23,912	0	-54.7		0	78	88	4
ODESSA		1,010		11.1	5.4					1,468	1	5.2	9.4	1	33	213	3	3,027	1	-4.6	10.1	1	55	245	5	5,593	1	-21.8	9.9	1	49	261	7	9,150	1	-47.4	7.2	1	44	268	9
		11,762	1	-55.5	7.6	1	66	259	10	13,603	1	-53.5	8.9	1	77	247	9	16,202	1	-55.1	9.7	1	81	235	7	20,607	1	-56.4	10.6	1	37	192	2	23,848	1	-55.2	11.1	1	57	93	3
ROSTOV-NA-DONU		1,003		14.2	8.7					1,448	20	4.5	9.6	9	64	218	7	3,004	20	-4.7	13.6	9	77	233	9	5,561	20	-22.7	11.4	9	79	230	11	9,101	20	-50.0	6.9	9	63	229	13
		11,696	20	-53.7		9	86	234	14	13,552	20	-53.1		9	91	239	12	16,153	20	-54.3		9	96	233	10																
TBILISI		954		14.7	11.1					1,527	3	8.5	7.8	3	57	138	2	3,087	2	-1.6	6.3	1	51	175	4	5,681	1	-17.6	8.5	1	59	216	7	9,294	3	-45.9	6.8	2	68	222	13
		11,891	5	-58.4	6.2	4	74	238	15	13,704	7	-57.1	6.9	6	87	245	15	16,269	8	-57.1	7.8	7	85	243	13	20,604	14	-59.5	10.3	9	68	250	5	23,850	18	-56.8	9.3	9	16	105	1
AFRICA																																									
ALGERIA																																									
ALGER/DAR EL BEIDA	3	1,010		14.8	6.7					1,466	0	6.2	8.3	0	78	250	8	3,029	0	-2.8	10.1	0	79	250	12	5,611	0	-19.5	11.0	0	85	250	19	9,208	0	-55.2		6	92	260	29
		11,830	0	-56.4		9	98	260	30	13,656	1	-56.4		9	95	260	28	16,208	4	-59.1		9	92	250	11																
ELBAYADH	1									1,475	0	11.6	13.0	0	5	210	4	3,061	0	-0.6	14.3	0	7	190	9	5,672	0	-17.2	15.9	0	9	190	21	9,304	0	-43.9	8.8	0	9	190	34
		11,926	0	-57.4		1	10	190	42	13,749	1	-58.2		6	10	190	33																								
BECHAR	3	921		20.7	25.8					1,496	0	13.3	18.0	0	49	210	4	3,093	0	2.4	16.1	0	82	260	11	5,726	1	-14.6	18.4	3	93	260	22	9,383	2	-41.6		9	94	260	37
		12,023	2	-56.8						13,830	2	-50.0						16,323	3	-64.2						20,612	10	-57.6													
IN SALAH	2	978		28.2	5.1					1,510	1	17.4	22.1	0	32	90	3	3,135	1	7.0	27.8	0	71	270	11	5,808	1	-10.8	18.3	0	98	270	24	9,528	1	-38.1	11.5	0	89	270	36
		12,209	1	-55.1		9	98	271	2	14,004	1	-64.0						16,446	2	-70.9						20,593	4	-61.6													
TAMANRASSET	3	864		24.0	23.4					1,521	1	24.8	25.7	2	70	290	6	3,186	1	12.6	17.9	2	91	260	10	5,888	1	-9.3	17.3	2	94	250	19	9,636	1	-36.3	6.2	6	92	270	39
		12,335	1	-54.6						14,126	1	-65.5						16,536	4	-71.4																					
SUDAN																																									
KHARTOUM		965		36.7	31.4					1,516	0	25.8	26.8	0	69	355	5	3,176	0	12.9	24.7	0	39	280	3	5,900	0	-5.8	23.3	0	76	297	7	9,691	0	-32.3	19.2	1	93	290	20
		12,432		-52.7		0	59	308		14,230	2	-76.1		3	97	162										20,632	9	-69.1		8	58	325	5								
SENEGAL																																									
DAKAR/YOFF	3	1,009		21.3	4.4					1,529	0	23.4	23.3	5	72	43	6	3,183	0	10.2	13.2	4	51	131	4	5,885	0	-7.6	13.8	5	89	223	7	9,671	1	-33.4	13.9	9	95	232	21
		12,400	1	-53.7		9	88	240	24	14,191	1	-67.2		9	93	239	25	16,576	4	-76.4						20,640	1	-64.8													
CENTRAL AFRICAN REP																																									
BANGUI		967		28.2	22.0					1,505		21.6	14.9			140	7	3,160		-11.8	0.4			58	21	5,875		-5.2	16.0					9,707		-30.2	43.4				
		12,458		-52.1						14,256		-66.6						16,607		-81.8																					
KENYA																																									
NAIROBI/DAGORETTI		821		16.0	1.9													3,140	0	9.2	36.0	6	6	65	4	5,859	0	-4.7	11.0	0	68	100	3	9,685	0	-30.7	11.7	0	9	80	1
		12,430	0	-50.9		0	55	250	6	14,226	0	-66.9		0	56	245	7	16,583	0	-81.1		0	6	205	1	20,604	7	-67.3		9	66	250	11								
ETHIOPIA																																									
ASMARA	2	771		23.6	17.1													3,156	3	14.0	7.1	5	20	245	1	5,880	3	-7.1	12.3	5	75	260	6	9,664	6	-33.2	13.3	6	86	270	12
		12,393	6	-53.0	12.9	6	89	280	18	14,192	6	-65.9		7	90	275	17	16,601	10	-75.2		11	67	290	10																
ADDIS ABABA	2	765		20.9	10.0													3,133	0	12.4	7.2	1	50	95	2	5,860	0	-12.8	7.7	1	50	285	2	9,691	0	-30.5	17.2	3	62	285	8
		12,562	0	-52.1	15.4	3	87	275	13	14,244	0	-65.5		4	77	290	10	16,631	0	-78.7		4	25	345	2	20,677	1	-64.5		10	82	280	9								
ZIMBABWE																																									
BULAWAYO/GOETZ OBS	1	870		15.7	3.2					1,535	0	16.3	5.4	2	93	103	7	3,166	0	7.6	6.6	1	45	101	3	5,861	0	-7.8	10.5	1	38	323	3	9,639	0	-34.1	12.0	1	73	270	11
		12,359	0	-53.7	11.0	28	8	264	23	14,163	0	-64.2		2	93	261	20	16,576	1	-74.5		2	90	270	10	20,660	6	-64.9		8	94	94	8	23,870	7	-52.6		9	96	92	14

UPPER AIR DATA

APRIL 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT (GPM)	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN (°C)	DEW POINT DEPRESSION (°C)	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR (%)	MEAN VECTOR WIND DIRECTION (°)	MEAN VECTOR WIND SPEED (MPS)	850 MB 150 MB HEIGHT (GPM)	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN (°C)	DEW POINT DEPRESSION (°C)	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR (%)	MEAN VECTOR WIND DIRECTION (°)	MEAN VECTOR WIND SPEED (MPS)	700 MB 100 MB HEIGHT (GPM)	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN (°C)	DEW POINT DEPRESSION (°C)	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR (%)	MEAN VECTOR WIND DIRECTION (°)	MEAN VECTOR WIND SPEED (MPS)	500 MB 50 MB HEIGHT (GPM)	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN (°C)	DEW POINT DEPRESSION (°C)	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR (%)	MEAN VECTOR WIND DIRECTION (°)	MEAN VECTOR WIND SPEED (MPS)	300 MB 30 MB HEIGHT (GPM)	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN (°C)	DEW POINT DEPRESSION (°C)	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR (%)	MEAN VECTOR WIND DIRECTION (°)	MEAN VECTOR WIND SPEED (MPS)
AFRICA																																									
ZIMBABWE																																									
HARARE (BELVEDERE)	1	857		16.0	2.2					1,532	0	16.0	2.6	0	80	76	2	3,164	1	7.9	5.5	0	71	79	3	5,865	1	-7.0	10.4	1	55	321	3	9,659	3	-32.8	13.0	4	79	280	12
		12,394	5	-53.2	15.0	4	91	273	20	14,189	5	-64.6		4	95	270	20	16,594	7	-75.5		6	90	276	10	20,656	12	-65.7		12	92	90	6								
ZAMBIA																																									
LUSAKA CITY AIRPORT	2	875		22.6	5.7					1,526	0	20.0	7.4	5	12	294	12	3,156	0	9.4	18.0	9	67	310	8	5,859	0	-6.1	22.9	9	40	129	6	9,662	0	-32.3	19.9	9	80	93	20
		12,391	0	-53.9		9	50	107	21	14,179	0	-67.1						16,548	0	-78.1						20,625	16	-64.9						23,795	29	-56.1					
OCEAN ISLANDS																																									
MARTIN DE VIVIES (ILE AMSTER	2	1,014		15.3	6.2					1,509	0	6.0	7.4	0	45	261	8	3,084	0	0.4	14.8	0	59	261	13	5,709	0	-15.3	14.6	0	60	267	18	9,363	0	-42.2	11.9	1	56	268	24
		12,000	0	-58.1		2	66	267	33	13,797	1	-61.0		4	65	268	28	16,299	2	-63.0		5	84	275	33	20,579	2	-59.2		7	72	272	16	23,240	3	-53.0		8	44	306	7
PORT-AUX-FRANCAIS/KERGUELEN		1,001		7.7	4.8					1,351	2	0.2	5.8	2	87	261	36	2,889	2	-6.5	10.0	2	87	262	46	5,450	2	-21.3	9.8	2	87	263	56	9,038	2	-44.5	9.5	3	85	261	71
		11,661	2	-57.8		3	87	261	75	13,465	4	-56.4		5	92	264	65	16,035	5	-57.6		6	94	267	51	20,448	23	-53.5						23,757	27	-49.5					
SOUTH AFRICA																																									
UPINGTON	1	921		17.7	11.4					1,527	0	18.8	15.5	0	38	359	2	3,159	0	7.4	14.8	0	74	314	5	5,837	0	-9.6	16.1	0	66	285	7	9,570	0	-37.7	12.5	0	74	263	13
		12,242	0	-56.5		0	82	258	20	14,039	0	-62.9		0	86	261	18	16,478	0	-71.6		0	84	272	10	20,618	0	-62.9		0	73	86	3	23,833	0	-52.8		1	94	111	7
PRETORIA/IRENE	1	852		13.0	3.6					1,547	6	13.1	4.2	8	78	156	1	3,172	2	6.9	7.6	2	23	22	1	5,850	2	-9.4	14.7	2	30	287	2	9,589	2	-37.0	10.9	2	66	287	8
		12,270	2	-55.5		2	78	282	16	14,068	2	-63.5		2	90	275	16	16,501	2	-72.0		2	83	272	9	20,623	4	-64.1		4	76	97	3	23,827	4	-54.0		5	98	110	10
BLOEMFONTEIN/J.B.M. HERTZOG	1	869		13.0	6.5					1,537	0	15.8	9.2	0	63	5	3	3,165	0	6.3	7.8	0	79	302	5	5,835	0	-10.5	14.6	0	80	272	8	9,557	0	-38.1	12.5	0	73	258	12
		12,223	0	-57.3		0	83	259	19	14,017	0	-62.8		0	87	255	19	16,463	0	-70.6		0	92	268	12	20,622	0	-62.3		1	64	68	2	23,840	2	-53.4		6	97	107	7
ALEXANDER BAY	1	1,013		14.4	1.4					1,515	0	16.2	11.8	0	9	168	1	3,139	0	7.2	15.7	0	66	292	5	5,820	0	-9.5	15.0	0	66	277	7	9,553	0	-37.5	13.2	0	75	269	15
		12,230	0	-56.3		0	82	263	21	14,025	0	-63.5		0	86	262	19	16,465	2	-71.0		4	81	265	11	20,597	7	-63.0		7	32	37	1	23,808	8	-53.9		9	92	113	7
CAPE TOWN/D.B.MALAN	1	1,011		14.9	2.4					1,508	0	12.2	13.9	0	70	306	5	3,110	0	3.8	17.1	0	77	286	9	5,763	0	-11.9	16.3	0	89	277	14	9,462	0	-39.4	10.0	0	86	276	23
		12,121	0	-57.2		0	89	267	27	13,917	0	-61.9		0	91	266	28	16,390	0	-67.7		1	92	273	20	20,599	1	-60.3		1	36	296	2	23,831	2	-53.6		7	18	153	1
PORT ELIZABETH	1	1,009		17.2	1.9					1,523	0	13.5	8.8	0	48	315	3	3,133	0	4.4	13.0	0	79	290	8	5,790	0	-11.9	15.4	0	88	277	13								
		12,143	0	-57.6		0	85	262	21	13,939	0	-61.4		0	93	265	19	16,411	0	-67.4		2	91	268	15	20,630	3	-60.9		3	82	280	5	9,488	0	-39.6	9.9	0	82	264	18
DURBAN/LOUIS BOTHA	1	1,015		21.1	2.2					1,539	1	15.7	6.5	1	17	42	1	3,162	1	-6.2	8.5	1	58	285	4	5,830	1	-10.9	14.3	1	80	267	7	9,550	1	-38.3	11.1	1	85	275	12
		12,212	1	-57.8		1	87	270	17	14,002	1	-63.2		1	90	267	17	16,456	1	-69.6		1	92	271	11	20,625	4	-62.5		4	38	60	1	23,843	7	-53.1		7	92	107	6
GOUGH ISLAND	1	1,008		11.7	3.0					1,461	0	4.3	5.7	0	55	276	5	3,025	0	-11.8	12.3	0	74	275	10	5,632	0	-16.1	14.3	0	84	279	20	9,283	0	-41.8	8.4	0	84	275	27
		11,928	0	-56.9		0	88	270	34	13,736	0	-59.5		0	91	276	30	16,251	0	-62.0		1	95	275	23	20,554	5	-58.1		5	96	277	12	23,821	12	-52.1		9	90	271	11
MARION ISLAND	1	1,008		6.2	2.6					1,414	0	1.7	11.0	0	79	266	13	2,960	0	-14.9	17.9	0	88	270	15	5,526	0	-20.6	20.2	0	87	274	21	9,114	0	-45.1	15.3	0	90	275	30
		11,734	0	-57.6		0	92	275	30	13,545	0	-58.8		0	94	275	28	16,087	0	-59.4		0	95	274	25	20,430	1	-57.4		1	95	274	18	23,674	10	-54.3		9	95	273	18
ASIA																																									
USSR-WESTERN																																									
DRUJNAYA/OSTROV HEJSA/		1,009		-22.0	3.2					1,285	0	-20.3	3.7	0	54	353	6	2,710	0	-25.5	4.8	0	42	345	6	5,081	0	-39.6	4.8	0	41	341	7	8,448	0	-51.8	4.6	0	41	330	7
		11,099	0	-48.3	6.3	0	51	309	7	12,997	0	-47.5	7.4	0	53	301	7	15,681	0	-46.8	8.8	0	45	291	6	20,305	1	-42.7	11.6	1	26	259	3	23,772	2	-40.2	13.9	2	32	188	3
MYS CELJUSKIN		1,005		-23.9	2.2					1,259	10	-20.7	4.4	9	48	163	4	2,677	10	-26.6	5.4	9	58	158	7	5,043	10	-40.5	5.6	9	66	152	10	8,398	10	-52.7	6.1	9	58	155	8
		11,037	10	-48.0	8.3	9	38	172	4	12,940	10	-47.6	9.2	9	29	203	3	15,625	10	-45.8	10.6	9	25	231	3	20,264	11	-42.0	12.8	9	35	212	4	23,765	12	-38.4	15.4	9	37	192	4
MYS KAMENNYJ		1,014		-14.3	2.6					1,344	0	-14.2	4.2	9	54	308	5	2,803	0	-20.0	5.8	9	78	309	9	5,233	0	-33.9	6.3	9	58	317	10	8,666	0	-50.3	5.3				
		11,311	0	-48.8	6.6					13,205	0	-48.2	7.5					15,875	0	-48.0	8.6					20,459	0	-46.5	10.7					23,867	0	-44.3	11.6				
NAR JAN-MAR		1,014		-6.7	2.6					1,382	0	-9.8	3.6	0	60	283	7	2,863	0	-16.1	6.7	0	78	280	12	5,326	0	-31.0	5.8	0	84	276	19	8,776	0	-51.7	5.0	0	81	277	24
		11,399	0	-50.4	6.0	0	88	278	20	13,278	0	-49.7	6.9	0	88	277	17	15,929	0	-49.5	7.9	0	88	278	15	20,489	1	-48.6	9.4	1	88	284	10	23,843	1	-47.1	10.8	2	52	283	4
SALEHARD		1,012		-8.1	3.1					1,373	2	-10.7	4.6	2	76	283	10	2,854	2	-16.5	6.8	2	81	289	13	5,316	2	-30.3	7.0	2	81	289	21	8,777	3	-51.3	5.3	3	79	289	26
		11,408	3	-50.1	6.6	3	87	287	21	13,281	3	-49.4	7.8	3	87	286	18	15,935	3	-49.3	8.7	3	90	290	15	20,474	3	-48.4	9.9	4	91	295	9	23,846	9	-45.3	10.8	9	47	310	3
HATANGA		1,009		-20.6	3.5					1,306	0	-18.6	4.2	0	33	267	3	2,741	0	-23.6	5.3	2	48	257	5	5,138	0	-36.6	4.5	2	49	262	9	8,534	0	-52.4	4.0	0	50	271	19
		11,174	0	-48.1	5.6	0	59	279	7	13,073	0	-47.3	6.8	0	60	283	6	15,765	0	-46.3	8.3	1	53	284	4	20,372	2	-44.9	10.7	2	11	215	1	23,808	2	-43.0	12.5	4	27	118	2
TURUHANSK		1,013		-7.8	5.5					1,394	15	-10.8	5.5	9	60	277	6	2,866	15	-16.4	5.3	9	72	287	9	5,340	15	-29.5	6.3	9	66	287	11	8,831	15	-48.6		9	70	280	16
		11,473	15	-50.6		9	78	294	14	13,356	15	-48.8		9	86	306	12	16,016	15	-48.9		9	92	316	10	20,578	15	-48.3		9	91	343	6	23,945	15	-47.4		9	95	29	4
SYKTYVKAR		1,004		4.5	7.8					1,464	4	-2.3	7.0	4	75	261	8	2,980	4	-10.4	7.2	4	80	268	12	5,496	4	-25.4	7.5	4	85	270	17	9,010	4	-49.7		4	80	272	24
		11,613	4	-54.2		4	90	274	22	13,464	4	-52.5		4	95	276	18	16,085	4	-52.1		4	95	281	14	20,576	4	-51.8		4	84	299	7	23,888	4	-50.3		4	46	332	3
HANTY-MANSIJSK		1,011		1.7	5.7					1,420	11	-5.4	5.2	9	80	295	10	2,921	11	-12.6	6.8	9	84	299	14	5,419	11	-26.5	8.1	9	87	300	22	8,911	1	-51.6	5.5	9	80	302	27
		11,508	11	-53.7	6.3	9	91	302	24	13,362	11	-51.7	7.7	9	94	303	19	15,986	11	-51.8	9.0	9	94	309	15	20,486	11	-50.2	10.6	9	80	325	8	23,835	12	-48.4	11.5	9	52	351	4
TURA		990		-8.4	6.6					1,360	2	-13.3	4.2	3	45	291	4	2,821	2	-20.3	4.2	3	56	282	6	5,248	2	-34.2	5.0	2	57	295	9	8,674	2	-51.8	5.4	2	52	295	10
		11,300	3	-50.3	7.5	3	72	308	10	13,182	3	-49.5	9.1	3	81	315	9	15,846	3	-48.4	10.7	3	86	315	7	20,432	4	-46.8	12.8	4	40	11	2	23,832	5	-46.3	14.0	6	68	67	4
SVERDLOVSK		987		7.3	9.7					1,501	0	0.3	9.8	0	75	282	9	3,031	0	-8.2	11.7	0	70	284	11	5,563	0	-24.6	10.0	0	72	287	15	9,091	0	-50.3	6.9	0	72	289	19
		11,675	0	-56.6	7.1	0	78	292	18	13,512	0	-54.1	8.2	0	84	289	15	16,113	0	-54.7	9.4	0	82	292	11	20,563	0	-53.9	10.3	0	69	322	5	23,855	0	-52.0	11.5	1	58	20	14
OMSK		1,009		5.5	6.8					1,478	6	0.4	8.8	6	67	271	7	3,010	6	-8.0	11.0	6	78	280	10	5,541	6	-24.0	9.9	6	73	290	12	9,081	6	-48.9		6	63	293	15
		11,688	6	-56.1		6	76	293	16	13,533	6	-53.3		6	87	296	15	16,144	6	-53.9		6	90	300	12	20,598	6	-53.2		6	70	331	5	23,890	7	-51.5		7	54	23	4
KOLPASEV		1,008		0.0	6.7					1,432	4	-5.9	8.0	4	67	277	8	2,940	4	-11.8	9.6	4	80	293	13	5,447	4	-25.7	6.2	4	81	296	19	8,960	4	-49.5		4	81	299	25
		11,563	4	-54.9		4	87	300	23	13,417	5	-52.1		5	90	301	19	16,045	5	-52.1		5	90	310	15	20,538	5	-51.3		5	76	328	8	23,869	5	-48.8		5	54	18	4
KRASNOJARSK		996		0.0	9.3					1,441	12	-6.4	6.7	9	78	277	9	2,955	12	-12.6	9.1	9	75	294	13	5,457	12	-26.0	6.8	9	70	294	17	8,968	12	-50.5		9	68	295	20
		11,570	12	-54.7		9	80	304	20	13,419	13	-52.3		9	81	306	16	16,043	13	-52.1		9	78	308	13	20,517	15	-51.3		9	65	316	6	23,862	16	-50.4		9	48	3	3
KIRENSK		982		-2.3	6.6					1,398	0	-8.1	7.1	0	61	278	6	2,876	0	-17.7	5.2	0	61	292	8	5,324	0	-32.5	5.6	0	69	299	12	8,772	0	-52.6	5.8	0	70	300	14
		11,384	0	-52.6	6.8	0	76	309	12	13,247	1	-50.9	8.3	1	75	310	10	15,897	1	-49.8	9.3	1	73	316	8	20,465	7	-48.8	11.3	7	36	347	2	23,830	10	-49.4	11.6	9	74	65	4
ORENBURG		1,013		11.2	11.2					1,570	11	3.9	14.1	9	21	230	2	3,119	11	-6.4	7.3	9	31	249	4	5,642	11	-27.9	12.5	9	42	265	7	9,107	11	-53.9		9	49	274	9
		11,682	11	-55.5		9	68	276	11	13,518	12	-55.9		9	69	281	10	16,093	12	-56.4		9	46	287	6	20,492	14	-55.0		9	11	21	1	23,806	17	-51.3		9	22	18	2
KUSTANAJ		1,003		7.9	6.4					1,528	1	2.9	11.4	1	52	303	5	3,073	1	-5.9	11.9	1	57	302	7	5,625	1	-21.7	9.7	1	58	305	11	9,203	1	-46.3		1	58	305	15
		11,813	1	-57.2		1	67	303	16	13,638	1	-54.7		1	77	297	13	16,225	1	-55.1		1	75	297	10	20,641	1	-55.3		1	75	321	6	23,923	2	-53.8		2	71	23	5

UPPER AIR DATA

APRIL 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
USSR-WESTERN																																									
KARAGANDA		958		5.6	6.9					1,521	0	2.3	8.6	0	42	321	3	3,064	0	-5.8	10.1	0	48	314	5	5,617	0	-21.7	9.3	0	72	306	10	9,172	0	-48.1		0	66	312	14
		11,775	0	-56.2		0	72	308	15	13,613	0	-54.4		0	81	302	14	16,199	0	-55.1		0	81	306	12	20,624	1	-54.9		2	73	341	6	23,903	4	-52.0		4	65	30	5
GUREV		1,027		15.7	15.6					1,567	6	8.6	18.8	6	69	139	6	3,147	6	0.0	21.2	6	54	151	5	5,754	6	-16.9	16.4	6	43	179	4	9,400	6	-42.5		6	38	238	4
		12,020	6	-58.3		6	72	245	9	13,789	6	-57.8		6	85	249	10	16,337	8	-57.6		7	87	253	9	20,723	17	-58.5		9	57	291	3								
ASHABAD		982		16.9	13.4					1,510	0	9.3	11.3	0	35	106	2	3,093	0	0.3	8.7	0	11	266	1	5,714	1	-15.2	12.1	1	58	265	7	9,368	1	-42.2	9.1	1	70	263	15
		11,999	1	-57.6	7.8	2	86	263	21	13,815	3	-57.5	8.6	2	96	261	21	16,353	5	-61.4	8.7	4	97	261	16	20,615	6	-62.5	9.0	6	42	288	2	23,804	10	-56.2	9.5	9	58	27	2
TASKENT		960		15.2	11.9					1,509	3	9.7	11.1	3	25	247	1	3,089	3	-0.7	9.6	3	51	241	3	5,689	3	-18.7	10.7	3	40	247	5	9,306	3	-44.2	8.6	3	60	266	12
		11,938	3	-56.4	8.4	3	80	271	17	13,770	3	-55.6	8.9	3	88	275	16	16,332	4	-59.6	8.9	4	94	277	14	20,643	4	-50.6	9.4	4	84	319	6	23,868	5	-55.7	10.1	5	68	12	3
ALMA-ATA		943		10.4	9.2					1,526	5	7.2	9.5	5	50	312	2	3,090	5	-3.7	8.2	5	59	275	4	5,665	5	-21.1	7.9	5	78	293	10	9,240	5	-47.9	5.9	5	81	283	20
		11,831	5	-58.1	5.7	5	92	296	22	13,653	5	-56.5	7.0	5	94	300	20	16,210	5	-58.6	7.9	5	96	303	16	20,548	7	-59.0	8.4	7	87	343	6	23,777	7	-54.5	9.5	7	55	38	3
USSR-EASTERN																																									
OSTROV KOTELNYJ		1,012		-20.1	2.3					1,337	0	-16.0	4.4	0	41	210	4	2,785	0	-21.5	6.1	0	42	218	5	5,191	0	-36.1	5.7	0	48	231	6	8,577	0	-54.8	4.6	0	47	225	7
		11,198	0	-49.1	6.9	0	60	224	7	13,088	0	-47.0	8.5	0	62	218	7	15,785	0	-45.6	9.8	0	62	218	7	20,421	0	-43.0	11.6	0	62	206	6	23,881	0	-41.8	12.8	0	40	177	3
OSTROV CETYREHSTOLBOVOJ		1,013		-17.9	1.8					1,373	0	-13.5	5.5	0	34	224	3	2,833	0	-19.5	6.4	0	41	246	4	5,265	0	-33.9	6.1	0	47	259	7	8,683	0	-53.7	5.1	0	53	259	11
		11,299	1	-49.9	6.7	1	61	254	8	13,180	1	-47.8	8.1	1	67	246	6	15,862	1	-47.4	9.3	1	59	235	4	20,460	4	-46.4	10.8	4	55	212	3	23,857	5	-46.1	11.3	5	38	129	2
MYS SMIDTA		1,019		-15.0	1.8					1,387	0	-14.0	5.1	0	36	284	3	2,845	0	-20.4	5.3	0	30	291	3	5,264	0	-34.5	4.6	0	48	303	7	8,680	0	-52.2	4.3	0	53	302	10
		11,303	0	-49.2	6.1	0	68	283	8	13,196	0	-47.5	7.5	0	62	272	5	15,878	0	-47.6	8.7	0	67	256	4	20,454	0	-47.6	10.3	0	20	236	1	23,826	0	-47.7	11.0	1	39	86	2
ANADYR		1,019		-12.1	2.7					1,393	16	-13.0	4.5	9	10	199	1	2,861	16	-18.7	6.7	9	28	269	3	5,305	16	-32.8	6.0	9	41	273	7	8,742	16	-53.6	4.6	9	62	271	14
		11,347	16	-51.6	6.4	9	62	266	9	13,227	16	-49.4	7.9	9	67	255	6	15,895	16	-48.7	9.3	9	75	238	4	20,460	16	-48.1	11.2	9	46	168	2	23,837	17	-47.7	12.2	9	70	95	4
KORF		1,035		-2.1	3.3					1,383	0	-7.1	4.9	0	17	107	2	2,875	0	-14.6	6.9	0	5	255	1	5,352	0	-29.5	6.2	0	23	268	4	8,819	0	-52.0	5.2	0	40	257	8
		11,406	0	-54.8	5.5	0	52	249	8	13,262	0	-51.5	6.5	0	51	227	5	15,907	0	-59.7	7.6	0	59	205	4	20,461	0	-48.5	9.6	0	48	168	3	23,814	0	-48.7	10.6	0	65	132	4
PETROPAVLOVSK/KAMCATSKIJ		999		2.0	5.5					1,365	0	-5.1	5.5	0	17	37	2	2,871	0	-12.8	7.0	0	17	161	2	5,362	0	-28.4	7.3	0	23	209	4	8,834	0	-51.4	5.1	0	42	219	8
		11,428	0	-55.1	6.1	0	64	235	10	13,260	0	-52.6	7.3	0	74	235	9	15,888	0	-51.1	8.7	0	79	227	7	20,408	1	-50.6	10.3	0	68	197	4	23,727	0	-51.1	11.2	0	67	156	3
OHOTSK		1,012		-3.7	3.5					1,374	3	-9.6	5.6	4	43	132	3	2,853	3	-17.5	5.5	3	40	174	4	5,297	3	-33.5	4.9	3	51	206	8	8,704	3	-56.0	3.8	3	66	223	14
		11,288	3	-52.4	5.5	3	73	213	8	13,158	3	-49.9	7.1	3	72	198	6	15,826	3	-48.0	8.8	3	52	190	4	20,402	3	-48.3	10.6	3	48	136	3	23,761	4	-49.0	11.4	4	55	110	4
JUZNO-SAHALINSK		1,008		2.2	4.1					1,379	0	-4.1	5.8	0	39	260	6	2,885	0	-12.5	7.6	0	52	258	8	5,371	0	-28.9	7.7	0	58	261	11	8,840	0	-51.2		0	71	257	20
		11,442	1	-52.4		1	84	261	22	13,303	1	-51.9		1	88	261	19	15,925	2	-51.4		2	81	261	13	20,424	2	-50.8		2	63	248	4	23,739	2	-51.2		2	23	199	1
VLADIVOSTOK		1,002		4.9	7.0					1,414	0	-0.5	9.0	0	55	271	7	2,937	0	-10.3	8.1	0	75	277	11	5,446	0	-26.9	8.5	0	81	270	19	8,971	0	-47.2	6.2	0	87	269	35
		11,607	0	-53.9	7.5	0	91	269	38	13,453	1	-53.5	8.5	1	95	270	33	16,051	2	-54.9	9.2	2	98	270	25	20,484	4	-53.8	10.3	4	84	270	7	23,784	5	-52.1	10.8	6	42	260	2
OLENEK		985		-14.2	4.6					1,312	0	-15.6	4.8	0	22	234	2	2,765	1	-21.3	6.0	0	40	248	4	5,179	1	-36.0	5.8	1	45	265	6	8,569	0	-52.7	5.3	0	56	281	8
		11,203	0	-48.9	8.0	0	50	286	5	13,102	0	-47.7	9.6	0	46	283	4	15,787	0	-46.6	11.3	0	41	265	3	20,392	4	-45.3	13.3	4	11	206	1	23,815	5	-43.5	15.0	6	42	87	3
VERHOJANSK		996		-12.7	4.5					1,353	3	-12.8	3.9	4	56	200	3	2,812	3	-20.4	5.2	3	45	222	3	5,223	3	-36.6	4.6	3	25	222	3	8,614	3	-54.1	3.9	3	46	216	6
		11,228	3	-49.5	5.0	3	40	205	4	13,126	3	-47.5	6.3	3	29	187	3	15,816	4	-46.3	8.0	4	30	188	3	20,427	4	-45.8	10.4	5	26	123	2	23,825	8	-46.0	11.7	9	72	80	4
SEJMCAN		987		-13.1	5.0					1,355	13	-11.9	6.4	9	0	221	0	2,824	13	-18.7	8.4	9	13	208	1	5,248	13	-35.2	6.0	9	51	225	5	8,643	13	-56.1	4.7	9	68	226	11
		11,226	13	-52.4	6.8	9	91	206	9	13,095	13	-49.2	8.5	9	88	187	7	15,772	13	-46.5	10.6	9	69	173	6	20,381	13	-46.5	12.7	9	64	166	5	23,762	13	-47.2	12.8	9	60	125	5
JAKUTSK		999		-6.4	6.0					1,349	0	-11.6	5.8	0	11	263	1	2,812	0	-19.5	5.9	0	11	235	1	5,232	0	-35.1	5.2	0	22	236	3	8,624	0	-54.5		0	26	236	4
		11,234	0	-50.1		0	25	226	2	13,115	0	-48.2		0	10	224	1	15,792	0	-46.7		0	10	152	1	20,376	1	-47.0		0	25	129	2	23,750	0	-47.6		0	54	94	4
ALDAN		928		-5.5	6.3					1,364	0	-10.4	5.1	1	32	292	3	2,841	0	-19.5	3.8	0	41	329	4	5,271	0	-34.6	4.7	0	41	311	5	8,665	0	-54.7	4.6	0	39	302	7
		11,280	0	-50.6	6.6	0	51	297	6	13,161	0	-48.8	8.3	0	39	301	4	15,833	1	-47.8	10.1	1	33	288	3	20,404	2	-48.0	11.5	2	0	120	0	23,767	2	-48.6	12.6	2	55	97	4
CITA		932		-0.3	10.8					1,399	1	-4.2	11.7	1	68	323	6	2,892	1	-16.1	6.9	1	74	326	9	5,350	1	-31.3	7.4	1	82	328	14	8,802	1	-52.9		1	66	324	16
		11,406	1	-52.1		1	84	313	16	13,274	1	-51.0		1	90	310	13	15,916	2	-50.5		2	81	307	9	20,444	1	-50.2		3	52	325	3	23,780	4	-50.5		4	36	72	2
BLAGOVESCENSK		991		1.7	10.3					1,356	3	-5.4	9.3	3	40	281	4	2,847	3	-16.0	6.6	3	65	279	7	5,304	3	-32.0	7.2	3	65	275	10	8,743	3	-52.0		3	67	271	15
		11,371	3	-50.0		3	78	277	14	13,251	3	-49.4		3	85	273	13	15,710	3	-49.2		3	79	275	9	20,447	3	-49.7		4	53	262	3	23,790	5	-50.5		5	21	83	1
HABAROVSK		999		4.4	6.8					1,373	0	-3.2	7.7	0	58	254	6	2,878	0	-14.2	5.8	0	64	257	8	5,349	0	-30.6	6.7	0	59	256	11	8,800	0	-52.1		0	66	254	18
		11,419	0	-51.4		0	78	261	18	13,288	0	-50.4		0	84	263	16	15,933	0	-50.1		0	88	263	12	20,457	0	-50.6		0	67	256	4	23,781	0	-51.1		0	24	208	1
HONG KONG																																									
KINGS PARK	1	1,007		21.2	1.9					1,522	0	16.1	5.6	0	70	215	4	3,156	0	9.1	9.6	0	92	250	8	5,859	1	-6.6	16.2	0	98	249	14	9,662	1	-32.0	12.9	0	97	255	23
		12,401	1	-52.9	14.2	0	96	256	27	14,199	1	-66.0	15.0	0	97	252	25	16,584	1	-77.1	15.4	0	95	257	13	20,620	1	-63.5	17.8	0	12	4	1	23,859	6	-51.8	27.5	3	65	94	4
DEM PEOPLES REP OF KOREA																																									
PYONGYANG	1	1,012		9.6	7.6					1,466	0	2.4	11.2	1	75	280	3	3,011	0	-6.9	12.9																				
REPUBLIC OF KOREA																																									
POHANG	3	1,016		12.5	9.1					1,484	0	5.1	13.3	0	64	274	5	3,045	0	-2.7	12.5	0	78	276	10	5,639	0	-17.5	9.6	0	94	270	20	9,279	0	-42.4	12.2	0	98	269	37
		11,915	0	-50.7		0	95	268	46	13,721	3	-58.7		8	99	266	41	16,204	16	-63.7		9	93	268	34	20,484				9	90	272	14	23,760				9	94	266	9
JAPAN																																									
WAKKANAI	2	1,010		4.2	3.8					1,397	0	-2.7	10.2	0	56	252	7	2,909	0	-12.1	9.4	0	65	262	9	5,406	0	-27.8	11.9	0	73	263	15	8,887	0	-51.5		0	78	264	24
		11,493	0	-53.5		0	91	266	26	13,345	0	-53.3		0	94	265	24	15,952	0	-53.3		0	94	268	16	20,419	2	-52.4		3	80	253	5	23,732	6	-52.2		10	26	234	1
SAPPORO	2	1,011		6.4	6.3					1,422	0	-0.9	10.1	2	60	246	8	2,944	0	-9.9	11.6	1	76	269	13	5,458	0	-26.3	11.8	0	83	263	17	8,966	0	-49.0		0	89	267	32
		11,579	0	-54.7		0	95	270	34	13,418	0	-55.3		0	96	269	29	15,998	0	-56.0		1	97	270	20	20,418	0	-53.6		0	85	253	5	23,728	6	-52.6					
NEMURO	2	1,011		1.8	2.8					1,421	0	-1.6	9.0	1	61	264	7	2,942	0	-10.0	11.1	0	70	266	10	5,458	0	-25.8	11.1	0	81	271	18	8,974	0	-49.1		0	86	267	29
		11,584	0	-55.0		1	92	270	31	13,422	0	-54.6		0	96	269	27	16,004	0	-56.4		0	94	266	20	20,430	0	-53.4		3	83	254	5	23,727	5	-52.8		8	49	267	2
AKITA	2	1,015		9.2	5.8					1,458	0	1.1	9.0	0	77	249	10	2,993	0	-7.8	12.9	0	86	267	15	5,537	0	-22.6	12.4	0	93	270	24	9,109	0	-45.4		0	93	273	39
		11,736	0	-56.0		0	96	273	43	13,557	0	-58.0		0	98	272	36	16,094	0	-59.7		0	98	272	31	20,450	1	-55.3		2	84	259	8	23,734	3	-53.3		10	62	268	3
SENDAI	2	1,012		8.9	5.8					1,469	0	2.2	9.8	0	69	259	9	3,014	0	-5.6	13.5	0	84	273	14	5,581	0	-20.2	13.6	0	94	270	23	9,182	0	-44.3		0	94	273	41
		11,806	0	-57.6		0	97	274	46	13,615	0	-59.0		0	98	273	43	16,139	0	-61.4		0	98	275	30	20,458	0	-56.6		0	92	260	8	23,735	3	-53.0		4	68	257	3
WAJIMA	2	1,016		9.5	4.1					1,473	0	4.1	11.7	0	86	250	9	3,025	0	-4.8	12.6	0	85	263	13	5,598	0	-19.2	13.9	1	93	273	23	9,216	0	-43.2		2	97	270	43
		11,847	0	-57.1		3	98	272	48	13,659	0	-58.9		5	98	270	42	16,177	0	-62.4		5	98	273	31	20,466	0	-57.3		3	96	260	10	23,727	4	-53.1		7	43	260	2

UPPER AIR DATA

APRIL 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																																									
TATENO	2	1,013		10.8	4.7					1,482	0	5.2	9.7	0	50	236	4	3,043	0	-3.0	13.7	0	82	269	10	5,636	0	-17.5	15.2	0	93	272	23	9,275	0	-42.4		0	96	274	43
		11,912	0	-57.9		0	97	274	50	13,713	0	-60.1		0	98	274	45	16,215	0	-64.3		0	98	272	32	20,477	2	-58.7		2	94	266	9	23,732	3	-53.7		3	80	265	4
HACHIJOJIMA	2	9,999		14.2	3.7					1,497	0	7.7	11.8	0	49	247	6	3,076	0	0.5	15.5	0	80	275	10	5,708	0	-13.4	12.7	0	95	272	24	9,410	0	-38.8	10.1	0	97	275	42
		12,075	0	-57.2		0	98	276	55	13,866	0	-62.6		0	99	275	51	16,330	0	-67.6		0	97	274	34	20,520	3	-60.6		3	92	260	8	23,766	4	-53.4		6	42	259	2
YONAGO	2	1,016		12.9	5.6					1,488	0	5.7	11.4	0	67	251	6	3,052	0	-2.4	14.4	0	89	278	11	5,654	0	-16.3	14.7	0	96	273	23	9,315	0	-41.0		0	98	271	43
		11,966	0	-57.4		0	98	273	52	13,765	0	-61.1		0	98	273	46	16,254	0	-65.4		0	99	273	33	20,503	0	-58.9		1	96	262	10	23,760	2	-52.8		3	88	273	4
SHIONOMISAKI	2	1,008		15.4	4.8					1,493	0	6.9	11.3	0	29	275	3	3,069	0	0.3	16.6	0	84	269	10	5,697	0	-13.6	14.9	0	97	270	23	9,397	0	-38.6	11.2	0	97	271	42
		12,060	0	-57.2		0	98	273	52	13,852	0	-62.6		0	98	274	48	16,317	0	-67.7		0	98	273	33	20,513	1	-60.6		1	96	259	9	23,760	3	-53.2		4	88	271	4
FUKUOKA	2	1,015		15.0	4.9					1,492	0	7.7	11.3	0	45	233	4	3,070	1	0.6	15.5	0	87	277	11	5,700	0	-13.7	14.8	0	97	272	23	9,397	0	-38.8	10.4	0	99	271	43
		12,060	0	-57.2		0	99	270	54	13,855	0	-62.4		0	99	271	49	16,320	0	-67.8		0	99	270	35	20,522	0	-60.3		0	95	259	9	23,768	1	-53.1		5	58	275	2
KAGOSHIMA	2	983		14.5	3.5					1,498	0	8.8	9.8	1	27	231	2	3,086	0	2.3	13.7	1	84	274	11	5,738	0	-11.3	11.5	0	99	271	24	9,467	0	-37.2	10.8	0	99	269	38
		12,149	0	-56.3		0	98	270	49	13,942	0	-63.4		0	99	272	47	16,389	0	-70.1		0	98	271	33	20,545	3	-62.0		3	90	259	7	23,780	3	-53.3		8	66	298	3
NAZE	2	982		16.5	1.1					1,513	0	12.3	11.4	1	70	267	7	3,123	0	5.5	8.9	0	96	272	12	5,801	0	-9.0	12.5	0	99	270	22	9,564	0	-34.6	11.3	0	98	269	34
		12,272	0	-55.0		0	99	270	42	14,064	0	-64.7		0	99	271	41	16,478	0	-74.2		0	98	270	27	20,568	3	-63.2		4	70	253	3	23,796	7	-52.9					
ISHIGAKIJIMA	2	1,014		22.9	3.2					1,528	0	15.6	4.3	1	69	226	4	3,157	0	8.3	8.9	0	91	254	7	5,855	0	-7.1	15.5	0	97	263	16	9,650	0	-32.4	11.0	0	98	267	25
		12,380	0	-53.6		0	97	265	30	14,176	0	-65.7		0	98	266	29	16,565	0	-77.3		0	97	263	19	20,581	0	-64.2		0	31	171	1	23,793	1	-53.5		5	19	27	1
NAHA	2	1,013		21.2	3.9					1,525	0	14.2	9.2	0	72	261	5	3,146	0	6.9	6.2	0	97	267	12	5,835	0	-8.0	13.1	0	98	269	20	9,618	0	-33.3	11.2	0	98	269	31
		12,340	0	-54.0		0	98	268	37	14,135	0	-65.3		0	99	269	36	16,532	0	-76.4		0	98	267	24	20,575	0	-63.3		0	30	212	1	23,795	2	-53.2		5	29	8	1
MINAMIDAITOJIMA	2	1,015		20.8	3.5					1,525	0	13.9	10.4	0	80	272	5	3,144	0	7.3	9.1	0	96	272	11	5,835	0	-7.6	13.2	0	97	272	18	9,619	0	-33.4	11.0	0	98	272	29
		12,339	0	-54.4		0	98	272	34	14,131	0	-65.7		0	98	272	33	16,517	0	-77.3		0	96	269	22	20,563	2	-63.2		2	32	219	1	23,793	3	-52.3		8	59	39	3
CHICHIJIMA	2	1,017		20.3	3.9					1,532	0	12.2	9.4	1	61	270	5	3,143	0	6.1	12.9	1	85	268	10	5,825	0	-8.9	14.6	0	95	274	18	9,592	0	-34.2	12.5	0	97	280	32
		12,302	0	-55.2		0	98	280	39	14,091	0	-65.4		0	98	278	38	16,490	0	-75.3		0	96	277	27	20,567	0	-62.9		1	49	229	2	23,799	3	-53.3		4	20	240	1
MINAMITORISHIMA	2	1,017		22.3	3.6					1,536	0	12.0	6.1	0	48	97	3	3,147	0	6.3	15.5	0	52	288	5	5,833	0	-8.4	17.9	0	83	280	11	9,600	0	-34.8	13.8	0	94	286	24
		12,306	0	-55.1		0	96	288	32	14,095	0	-66.1		0	97	282	32	16,479	0	-77.0		0	93	285	21	20,528	1	-63.4		1	46	248	2	23,748	2	-54.0		3	39	84	2
ISRAEL																																									
BET DAGAN										1,498	0	14.5	15.2	0	35	209	2	3,103			13.4	0	56	250	4	5,730	0	-16.1	12.1	0	70	272	8	9,367	0	-44.1	9.6	0	75	282	13
		12,001				0	88	284	20	13,833	0	-56.7		0	93	281	22	16,378				0	95	277	19	20,656				6	71	272	5								
JORDON																																									
MAFRAQ	3	934		19.2	16.7					1,483	0	14.6	16.1	0	36	266	2	3,082	0	2.3	12.6	0	53	253	4	5,695	1	-16.7	12.1	1	77	262	8	9,313	5	-44.4		5	76	264	11
		11,936	7	-56.4		7	88	263	16	13,761	8	-56.9		8	91	260	17	16,306	12	-61.5		12	96	258	17																
KUWAIT																																									
KUWAIT INTL AIRPORT	3	1,004		25.8	11.7					1,503	0	16.7	1.9	0	60	262	6	3,121	0	4.5	8.3	0	68	256	13	5,768	0	-13.1		0	81	249	22	9,449	0	-40.9	60.8	0	92	240	44
		12,099	0	-56.7		0	90	246	56	13,911	0	-68.8		0	95	249	52	16,413	0	-66.3		0	97	250	32	20,573	0	-63.9		0	60	115	3	23,763	3	-55.9		3	57	295	4
SAUDI ARABIA																																									
JEDDAH (KING ABDULAZIZ) AP	3	1,005		28.7	11.6					1,494	1	20.0	15.9	1	52	180	3	3,132	1	8.6	20.6	1	69	216	6	5,810	1	-9.8	26.4	1	86	266	12	9,548	2	-37.5	21.3	2	88	271	22
		12,251	1	-52.1	23.2	1	91	271	31	14,076	1	-60.5	25.2	1	95	268	28	16,532	1	-71.7	24.5	2	93	267	18	20,614	4	-64.5	23.8	4	39	96	1	23,828	18	-55.3	31.2				
TABOUK	3	924		23.5	18.2					1,499	2	17.8	17.5	2	11	231	1	3,117	2	4.1	11.1	2	63	248	4	5,758	3	-14.7	17.5	3	87	279	11	9,420	2	-41.9	13.6	3	87	275	21
		12,070	2	-54.9	16.3	3	91	280	27	13,900	2	-57.8	21.8	2	92	274	26	16,411	2	-65.5	21.7	5	93	271	19	20,595	7	-63.2	22.4	8	16	122	1	23,812	8	-54.5	26.8	9	18	76	1
HAIL	3	899		24.9	21.6					1,506	1	19.5	19.1	3	37	230	2	3,131	1	4.8	13.0	1	59	239	4	5,782	1	-13.7	23.3	1	81	257	13	9,452	2	-41.1	15.5	2	83	253	22
		12,115	2	-54.2	21.5	2	86	260	26	13,945	3	-58.0	27.0	2	91	263	27	16,455	3	-65.4	26.6	2	90	264	15	20,627	2	-63.0	27.3	2	77	109	2								
MADINAH	3	936		31.3	26.0					1,491	1	21.9	20.9	1	59	232	3	3,128	1	7.1	15.2	0	81	226	6	5,797	0	-11.7	24.7	0	85	265	13	9,470	0	-39.6	22.7	0	86	268	21
		12,174	1	-54.0	25.2	0	89	269	29	13,996	0	-59.6	28.0	0	93	268	30	16,480	1	-69.1	27.7	2	91	271	17	20,596	1	-64.6	27.9	1	74	102	3	23,805	3	-53.5		4	67	131	2
KHAMIS MUSHAIT	3	796		17.7	8.4													3,147	2	9.9	11.0	3	85	216	7	5,844	3	-8.6	21.4	6	80	271	9	9,606	2	-34.6	18.6	5	90	259	23
		12,331	2	-52.5	19.6	3	96	256	32	14,142	2	-63.1	21.3	2	96	262	26	16,564	4	-75.0	21.6	4	92	260	13	20,608	8	-65.8	21.6	8	58	102	0	23,819	14	-53.3					
KING KHALED INT AP	3	942		23.9	12.9					1,505	1	18.6	13.5	2	39	233	2	3,132	1	-5.9	9.3	1	68	247	6	5,797	1	-11.7	16.0	2	83	253	13	9,506	2	-38.5	14.4	3	90	247	23
		12,188	2	-54.1	17.3	4	94	248	33	14,013	2	-59.2	22.6	4	94	254	28	16,491	7	-68.8	23.4	9	91	254	17																
DHAHRAN	3	1,007		26.0	10.6					1,494	5	8.4	13.8	5	56	255	4	3,122	6	6.1	10.6	5	73	249	9	5,787	5	-11.9	15.0	5	87	251	13	9,493	5	-39.1	10.3	6	91	248	23
		12,174	6	-53.9	13.4	7	95	246	33	13,997	6	-59.7	15.7	9	96	253	30	16,467	10	-68.5	15.6	9	95	250	27	20,597	13	-64.1	17.0					23,809	14	-54.2	21.9				
OMAN																																									
SEEB INTERNATIONAL AP	3	1,006		29.7	13.2					1,504	0	21.9	17.4	0	77	264	4	3,151	0	9.1	14.3	0	77	260	7	5,840	0	-9.2	14.6	0	91	256	12	9,594	0	-35.2	10.0	0	94	253	25
		12,305	0	-53.7	13.5	0	96	255	34	14,114	0	-62.5	15.7	0	96	252	26	16,551	0	-73.4	16.6	0	90	254	13	20,608	1	-65.1	18.2	1	52	87	2	23,818	1	-53.5	23.6	1	27	143	1
SALALAH	3	1,006		28.5	6.7					1,499	1	21.9	16.5	1	37	193	3	3,149	1	9.9	11.8	1	27	207	2	5,853	1	-7.7	10.3	1	82	237	10	9,642	1	-33.3	6.7	1	94	242	21
		12,365	2	-54.1		3	95	253	26	14,159	3	-65.2		3	95	251	23	16,554	4	-77.2		4	72	238	9	20,569	4	-66.3		4	60	105	5	23,756	8	-54.4		8	77	82	8
UNITED ARAB EMIRATES																																									
ABU DHABI INT AIRPORT	3	1,006		27.1	10.9					1,504	0	20.8	18.7	0	65	281	5	3,142	0	8.3	13.2	3	76	249	8	5,812	0	-10.4	12.5	3	88	246	13	9,556	0	-36.6	11.4	2	95	245	25
		12,256	0	-34.0		2	96	247	38	14,071	0	-61.1		4	96	248	31	16,524	7	-71.8		16	94	246	19	20,609		-65.1													
AFGHANISTAN																																									
KABUL-AIRPORT	3	819		13.9	12.9													3,093	0	5.1	11.9	1	26	302	1	5,739	0	-14.2	9.7	1	79	283	11	9,415	0	-41.4	8.6	0	88	279	23
		12,066	0	-56.1	7.9	0	93	277	32	13,854	0	-58.0	8.1	0	97	276	33	16,404	0	-64.5	7.9	0	95	277	22	20,612	3	-63.9	8.6	3	71	298	4	23,804	5	-55.3	10.1	5	52	323	2
KANDAHAR-AIRPORT	1	897		15.1	7.4					1,470	21	18.1	11.8	21	24	285	1	3,100	21	6.4	9.5	21	89	272	8	5,760	21	-12.6	7.7		91	260	1	9,470	21	-39.5	5.9		91	265	23
		12,140	18	-56.4	4.9		92	265	31	13,970	17	-59.0	5.2		98	265	32	16,490	14	-66.3	5.4		98	260	21	20,640	11	-64.6	5.7		14	315	1	23,800	10	-55.7	6.6		59	325	2
PAKISTAN																																									
PESHAWAR	1	969		16.4	4.0					1,454	5	17.0	7.3	5	66	329	3	3,064	5	5.8	6.3	5	70	273	6	5,708	5	-13.1	7.3	5	87	284	13	9,414	7	-36.1		9	88	276	27
		12,070	13	-51.3																																					
SARGODHA	1	984		19.8	4.7					1,455	0	18.8	9.9	8	49	313	3	3,068	1	6.6	8.0	8	87	273	8	5,739	1	-13.3	12.9	8	95	273	14	9,432	1	-39.9		9	80	281	45
		12,109	5	-53.1																																					
QUETTA/BREWERY	1	864		12.0	6.4													3,107	0	6.0	6.9	0	77	289	13	5,761	0	-12.5	6.6	0	84	273	12	9,452	0	-39.1	8.1	0	90	270	17
		12,120	2	-55.5		2	96	267	22	13,903	5	-60.3		5	94	269	23	16,412	13	-67.5		9	96	269	23																

UPPER AIR DATA

APRIL 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
ASIA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
PAKISTAN																																									
MULTAN	1	992		21.2	7.7					1,453	1	19.2		1	31	261	2	3,073	1	8.0		1	76	272	6	5,689	2	-13.3		2	90	283	13	9,455	4	-25.9		4	94	282	30
		11,936	9	-50.3		9	92	276	34																																
KARACHI AIRPORT	1	1,003		23.8	3.9					1,461	1	21.4	15.1	1	93	268	4	3,098	1	8.8	13.6	1	98	274	6	5,529	2	-19.7	10.6	2	95	278	9	9,541	3	-35.9		3	99	273	18
		12,239	3	-56.1		6	99	273	23	14,030	7	-65.9																													
INDIA																																									
SRINAGAR	3	841		12.2	2.0													3,099	0	4.2	7.5	0	41	145	1	5,743	0	-14.1	34.2	0	53	243	6	9,437	0	-39.5		0	85	275	20
		12,102	0	-53.9		9	88	285	29	13,985	13	-54.3																													
NEW DELHI/SAFDARJUNG	3	974		28.6	19.0					1,465	0	21.1	19.8	0	62	300	4	3,103	0	7.5	13.2	0	81	285	8	5,779	0	-10.7		0	89	283	14	9,519	0	-37.2		1	92	286	23
		12,215	0	-53.6		2	99	288	32	14,035	0	-59.3		6	96	282	29	16,519	1	-69.4		9	89	281	21	20,643	5	-63.3						23,900	8	-50.0					
JODHPUR	3	980		31.5	21.5					1,473	0	22.6	20.0	0	83	263	6	3,117	0	8.5	17.7	0	79	272	6	5,799	0	-9.9	15.9	4	93	278	14	9,553	0	-36.1		7	97	277	31
		12,255	0	-53.0						14,067	6	-60.9						16,521	7	-70.5																					
LUCKNOW/AMAUSI	3	990		27.0	12.8					1,460	0	21.5	19.0	0	75	291	5	3,098	0	7.7	14.3	0	90	287	9	5,774	1	-10.9		1	94	287	13	9,510	1	-37.1		1	95	287	19
		12,199	1	-53.8		1	98	285	21	14,019	2	-61.0						16,458	13	-70.1																					
GAUHATI	3	1,001		23.4	5.3					1,461	0	17.7	6.6	0	84	244	6	3,085	0	6.3	8.2	0	92	260	12	5,764	0	-9.6		2	87	267	16	9,525	0	-35.8		9	94	266	23
		12,235	5	-52.3																																					
AHMADABAD	3	999		32.5	17.3					1,491	1	24.0	20.3					3,144	1	11.2	16.9					5,859	3	-6.6						9,659	7	-33.5					
CALCUTTA/DUM DUM	3	1,004		28.9	6.5					1,470	0	21.5	14.3	0	78	264	5	3,116	0	8.8	13.6	0	88	284	10	5,804	0	-9.2		0	94	287	14	9,563	2	-35.6		4	98	263	26
		12,269	2	-54.1		6	95	263	27	14,069	9	-63.6																													
NAGPUR/SONEGAON	3	971		32.7	22.8					1,489	0	25.6	19.4	0	68	291	3	3,152	0	10.8	10.2	0	67	269	4	5,848	0	-7.9		0	93	293	9	9,639	1	-33.4		1	91	286	17
		12,366	11	-52.4																																					
BHUBANESWAR	3	1,000		29.1	6.2					1,477	0	23.6	16.1	0	80	264	6	3,130	0	10.2	11.5	0	76	290	5	5,835	0	-6.7		1	91	291	11	9,643	0	-33.9		3	91	281	20
		12,364	0	-52.9		3	92	269	23	14,168	1	-64.6		5	96	267	23	16,582	4	-76.6		8	89	273	12	20,759	6	-55.8		8	12	97	1	24,063	13	-44.7					
BOMBAY/SANTACRUZ	3	1,005		28.4	6.1					1,481	0	21.7	22.2	0	82	327	5	3,127	0	9.6	13.5	0	60	199	4	5,821	0	-7.7		0	78	285	5	9,592	0	-35.2		0	91	273	15
		12,289	1	-55.8		1	91	263	19	14,075	2	-66.3		1	96	264	18	16,460	3	-77.5		3	62	274	5	20,556	8	-61.4													
HYDERABAD AIRPORT	3	949		31.3	14.5					1,519	0	24.8	17.8	0	51	189	2	3,174	0	10.2	10.6	0	43	351	2	5,878	0	-6.9		0	81	305	6	9,686	0	-32.3		0	89	286	13
		12,412	2	-53.8		1	93	271	18	14,204	7	-65.3		6	93	259	11	16,614	14	-77.9		9	47	263	3																
VISHAKHAPATNAM/WALTAIR	3	997		27.8	3.7					1,472	0	22.3	16.8	0	57	250	2	3,127	0	9.5	11.1	0	70	3	3	5,834	0	-6.4		0	48	6	4	9,650	0	-31.2		0	91	68	15
		12,388	1	-52.7		1	97	276	20	14,194	2	-65.1		2	97	277	18	16,587	2	-76.6		2	75	271	7	20,725	3	-57.2		2	11	98	1	24,031	5	-44.2		5	50	96	5
GOA/PANJIM	3	1,000		28.3	4.8					1,483	0	23.1	19.1	0	18	338	2	3,139	0	10.5	12.3	0	30	80	3	5,850	0	-5.9		0	22	29	2	9,666	1	-32.2		1	37	299	9
		12,400	3	-54.6		3	35	289	11	14,192	3	-64.8		3	34	277	10	16,600	9	-77.8		9	13	277	2																
MADRAS/MINAMBAKKAM	3	1,005		28.9	4.5					1,480	0	21.9	16.7	0	69	128	3	3,131	0	10.9	17.0	0	91	57	9	5,851	0	-4.7		0	48	47	3	9,682	0	-30.8		0	70	302	7
		12,439	0	-52.9		0	89	267	13	14,234	1	-67.0		1	84	261	11	16,566	7	-81.5		7	37	276	3	20,636	14	-59.4						23,877	19	-49.3					
PANAMBUR	3	1,003		29.2	5.6					1,488	0	21.7	11.6	0	22	26	2	3,143	0	10.7	11.1	0	48	77	7	5,863	1	-5.1		1	58	83	6	9,698	2	-30.9		2	42	314	7
		12,445	2	-53.5		5	43	287	9	14,248	4	-67.6						16,605	5	-79.8						20,708	7	-58.9						23,995	12	-47.3					
COCHIN/WILLINGDON	3	1,007		29.5	4.3					1,487	1	19.5	3.8					3,132	1	10.3	11.6					5,856	1	-4.8						9,697	2	-30.4					
		12,450	5	-53.7																																					
TRIVANDRUM	*3*	*1,000*		*28.3*	*2.9*					*1,482*	*0*	*18.9*	*4.5*	*0*	*63*	*50*	*2*	*3,119*	*0*	*10.0*	*12.0*	*0*	*97*	*72*	*8*	*5,839*	*0*	*-4.7*	*12.2*	*0*	*90*	*91*	*7*	*9,681*	*0*	*-29.8*		*0*	*33*	*345*	*2*
		12,439	0	-52.8		0	37	232	3	14,237	0	-66.9		1	40	104	2	16,605	1	-79.4		3	36	117	3	20,734	1	-57.7		5	89	275	11	23,901	10	-43.9					
MONGOLIA																																									
ULAN-BATOR	1	865		-0.9	8.1					1,469	1	-2.3	8.7	7	64	303	5	2,969	0	-11.2	7.7	0	75	317	9	5,462	0	-28.0	6.6	0	78	316	16	8,933	0	-52.6	5.2	0	75	310	22
		11,533	0	-54.7	6.1	1	85	302	22	13,374	0	-53.8	7.0	0	93	302	11	15,983	1	-54.5	7.8	0	86	299	16																
SAINSHAND	1	905		4.3	14.9					1,450	0	2.3	15.6	1	51	307	5	2,980	0	-10.1	10.1	0	83	298	11	5,480	0	-28.0	7.7	0	83	297	17	8,986	0	-50.8	6.5	0	86	291	27
		11,577	0	-54.8	7.1	0	90	287	27	13,418	0	-54.7	7.8	0	93	284	25	16,009	0	-55.3	8.0	0	91	289	19																
DALANZADGAD	1	850		4.2	17.7					1,504	12	2.1	17.0	9	81	318	5	3,019	3	-5.8	14.4	2	88	291	11	5,563	2	-23.6	10.7	2	86	293	17	9,093	2	-58.4	7.9	3	84	282	13
		11,688	2	-56.7	7.7	2	91	278	30	13,511	2	-55.5	8.6	2	81	279	25	16,082	2	-56.8	9.3	5	93	283	22																
MALAYSIA																																									
PENANG/BAYAN LEPAS	3	1,008		26.7	2.0					1,499	0	19.7	3.4	0	54	78	2	3,149	0	11.0	6.5	0	78	80	3	5,881	0	-3.9	9.3	0	88	95	4	9,722	0	-29.7	8.5	0	75	121	4
		12,479	0	-51.8		0	74	142	6	14,281	0	-66.1		0	30	152	3	16,643	0	-80.6		0	31	79	2	20,669	2	-66.3		2	97	266	13	23,809	2	-58.3		5	81	271	8
KOTA BHARU	3	1,008		26.5	2.8					1,496	0	18.9	4.2	0	81	89	4	3,139	0	10.5	8.1	0	75	81	3	5,865	0	-4.4	10.4	0	89	87	5	9,695	1	-30.8	10.9	1	79	124	5
		12,435	1	-53.5		1	69	153	6	14,223	3	-67.9		4	31	224	3	16,578	15	-81.9		17	64	91	5	20,607	23	-65.0		24	98	258	13	23,787	25	-58.3		26	89	270	9
KUALA LUMPUR/PETALING JAYA	3	1,003		25.2	1.5					1,495	0	18.0	2.4	0	57	51	2	3,137	0	9.1	3.6	0	37	67	1	5,857	0	-5.7	7.0	0	71	87	3	9,685	0	-30.7	9.0	0	81	115	4
		12,431	0	-53.5		1	76	123	6	14,218	0	-68.6		1	32	134	3	16,551	0	-83.9		1	29	72	2	20,577	2	-65.8		6	97	264	14	23,726	5	-57.5		12	78	276	9
KUANTAN	3	1,007		25.3	1.6					1,493	0	17.1	3.5	0	76	48	3	3,129	0	8.9	5.8	0	47	69	1	5,849	0	-5.4	11.2	0	89	88	4	9,676	0	-30.9	13.2	0	84	119	5
		12,418	0	-54.0		0	75	137	6	14,200	0	-69.3		0	41	128	4	16,521	0	-84.3		0	34	72	3	20,543	2	-66.1		2	97	273	13	23,705	7	-57.5		7	95	274	12
KUCHING	3	1,007		25.1	1.6					1,497	0	17.5	3.3	0	33	269	1	3,136	0	8.7	4.4	2	21	284	1	5,850	0	-6.5	4.6	6	54	103	2	9,671	1	-31.0	9.9	9	84	105	5
		12,421	1	-52.7		14	73	87	5	14,225	1	-66.9		19	43	54	5	16,588	3	-80.6		25	46	108	3	20,664	8	-64.1		29	100	270	17	23,783	24	-58.3					
KOTA KINABALU	3	1,009		27.3	3.6					1,501	0	19.1	4.1	0	63	79	3	3,145	0	10.7	9.4	0	75	92	4	5,870	0	-4.9	14.8	0	92	87	6	9,693	0	-30.7	11.6	0	76	97	5
		12,445	0	-51.2		0	66	121	6	14,257	0	-64.5		1	65	105	7	16,639	0	-79.7		8	65	84	4	20,677	1	-65.7		29	100	280	8	23,805	20	-58.5					
TAWAU	1	1,009		26.6	2.2					1,516	0	18.8	4.6	0	85	73	3	3,158	0	10.6	10.9	0	63	92	3	5,886	0	-4.3	17.4	0	87	76	5	9,721	0	-30.0	14.9	0	87	91	5
		12,481	0	-50.7		0	66	105	5	14,299	1	-64.1		1	73	90	9	16,683	1	-79.0		3	35	62	2	20,783	15	-64.4		24	96	254	15	23,992	29	-57.3					
SINGAPORE																																									
SINGAPORE/CHANGI AIRPORT	1	1,007		24.7	0.6					1,500	1	18.3	3.5	2	20	39	1	3,140	1	9.3	3.5	2	20	52	1	5,860	1	-5.2	6.0	2	75	79	3	9,693	1	-30.0	10.4	1	91	108	5
		12,447	1	-52.5	9.4	1	87	115	7	14,243	1	-67.1		1	50	94	5	16,594	1	-81.6		1	94	63	8	20,618	1	-66.8		1	99	265	14	23,769	1	-59.0		1	87	276	10
CHINA																																									
HAILAR	1	938		-2.1	1.3					1,392	1	-4.5	9.9	1	60	296	6	2,891	1	-15.2	8.1	1	75	300	9	5,358	1	-31.0	7.9	1	81	296	13	8,808	1	-52.4	6.9	1	82	295	18
		11,417	1	-51.4	8.1	1	90	288	18	13,291	1	-50.4	8.9	2	94	285	17	15,939	2	-50.0	9.6	5	87	284	13	20,459	7	-49.5	10.6	9	83	285	5	23,810	12	-48.4	11.4	9	20	56	1

UPPER AIR DATA

APRIL 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
CHINA																																									
BEIJING	1	1,009		11.2	13.9					1,474	0	5.1	18.5	0	66	292	7	3,026	0	-5.5	15.8	0	80	293	11	5,581	0	-22.0	12.2	0	94	279	22	9,164	1	-46.1	9.9	1	97	234	31
		1,774	1	-56.9	9.7	2	98	272	44	13,597	2	-56.7	10.1	3	99	273	39	16,149	2	-59.7	10.4	4	99	273	29	20,492	3	-57.6	12.5	8	92	277	8	23,757	6	-52.1	13.9	9	49	258	2
LANZHOU	1	849		6.8	10.0													3,077	0	-1.5	9.3	0	40	53	2	5,689	0	-15.6	8.0	0	99	279	13	9,343	0	-43.3	7.5	1	93	268	27
		1,957	2	-59.9	5.9	2	97	260	35	13,757	2	-59.2	6.0	2	97	265	35	16,278	2	-63.1		3	97	270	29	20,532	5	-61.0		7	89	280	8	23,762	6	-54.0		9	80	283	4
SHANGHAI	1	1,017		12.4	2.9					1,501	0	9.5	9.7	0	29	295	2	3,096	0	2.8	9.5	0	82	268	9	5,753	0	-11.1	8.1	0	99	270	21	9,491	0	-36.8	7.9	0	97	263	37
		12,188	0	-54.6	6.8	2	99	263	51	13,999	0	-61.3	6.9	5	99	267	47	16,470	1	-69.0		6	99	267	32	20,614	3	-63.6		7	99	272	8	23,830	4	-54.1		9	33	340	1
LHASA	1	652		1.9	8.0																					5,746	0	-11.2	7.6	0	76	250	5	9,451	1	-40.1	10.8	1	89	259	16
		12,114	1	-54.7	8.0	2	94	262	30	13,940	1	8.4	8.2	3	97	265	33	16,444	1	-67.0		4	96	268	22	20,589	1	-65.9		3	67	285	4	23,775	4	-57.5		6	60	284	3
KUNMING	1	811		12.0	4.4													3,123	0	7.3	5.5	0	93	269	14	5,815	0	-8.5	10.1	0	95	263	18	9,594	0	-33.9	9.0	0	97	248	30
		12,320	0	-52.2	7.6	0	97	249	36	14,136	0	-62.2		0	97	253	34	16,571	1	-73.5		2	96	262	23	20,608	3	-67.5		4	83	292	5	23,785	4	-55.5		6	60	310	3
GUANGZHOU	1	1,013		21.6	1.6					1,581	0	15.8	2.2	0	88	217	7	3,151	0	8.7	5.4	0	99	250	11	5,857	0	-6.7	9.1	0	93	248	10	9,661	0	-32.4	6.9	0	96	253	25
		12,401	0	-52.4	5.8	0	97	254	31	14,211	0	-64.0		0	99	253	30	16,623	0	-75.5		0	99	258	19	20,630	3	-68.3		4	57	304	4	23,804	9	-55.0		9	83	71	5
AUSTRALASIA																																									
NEW ZEALAND																																									
CHRISTCHURCH AERODROME	1	1,010		18.2	3.8					1,478	0	8.4	7.1	1	70	273	11	3,048	0	-1.8	9.9	0	75	256	19	5,644	0	-19.8	12.5	0	76	251	27	9,253	0	-47.0	9.3	0	81	250	39
		11,858	0	-59.4	8.4	1	80	250	39	13,670	0	-58.5	9.2	4	87	263	37	16,222	0	-59.6		6	91	266	28	20,592	1	-57.5						23,856	2	-54.3					
INVERCARGILL AERODROME	1	1,012		14.1	4.7					1,449	0	4.3	3.1	1	87	283	27	3,006	0	-3.6	8.9	2	86	276	32	5,590	0	-19.7	9.7	2	81	265	33	9,188	1	-46.8		2	81	260	44
		11,789	2	-59.2		2	83	259	44	13,602	4	-58.2		2	90	264	42	16,164	4	-57.4		3	93	270	31	20,562	5	-55.4		4	86	280	15	23,843	6	-52.5		5	77	271	9
NORTH PACIFIC																																									
LIHUE, KAUAI, HAWAII	1	1,014		26.5	5.4					1,545	2	12.5	2.4	4	81	94	7	3,159	2	6.7	14.8	4	78	96	6	5,842	2	-9.6	14.1	4	21	61	1	9,583	2	-37.1	11.6	4	72	282	8
		12,272	2	-55.9		4	84	279	21	14,066	2	-64.5		4	96	287	26	16,489	2	-72.5		4	95	292	13	20,638	4	-61.4		6	41	129	2	23,865	5	-53.2		8	93	91	6
HILO/GEN. LYMAN, HAWAII	1	1,016		25.8	6.2					1,542	0	12.9	2.3	2	81	109	4	3,154	0	6.4	15.3	0	76	95	4	5,839	0	-9.1	15.5	0	21	66	1	9,586	0	-36.5	12.4	0	65	282	9
		12,275	0	-55.8		0	86	286	25	14,068	0	-64.5		0	94	289	28	16,486	0	-74.0		0	96	292	14	20,624	0	-61.9		0	50	116	2	23,846	3	-53.5		3	90	94	6
WAKE ISLAND	1	1,015		26.5	6.7					1,537	1	14.6	5.7	1	79	87	5	3,163	0	9.0	18.6	0	36	50	2	5,878	0	-6.2	18.5	1	59	301	4	9,668	1	-33.4	14.0	1	87	292	17
		12,395	1	-52.9		1	93	279	26	14,196	1	-65.9		1	97	277	28	16,574	2	-78.2		2	95	282	18	20,631	2	-62.2		2	47	47	2	23,853	2	-52.7		3	90	102	6
GUAM, TAGUAC, MARIANA IS.	1	1,000		26.9	3.6					1,525	0	17.1	4.4	0	98	85	9	3,165	0	10.3	13.8	0	92	83	6	5,896	0	-3.6	17.7	0	78	85	6	9,739	0	-29.9	14.3	0	23	349	2
		12,498	0	-52.0		0	56	248	5	14,299	0	-66.4		0	53	236	5	16,655	0	-81.1		0	33	39	2	20,676	0	-63.5		0	79	294	5	23,886	1	-54.8		1	86	98	5
YAP, CAROLINE ISLANDS	1	1,009		28.0	3.4					1,508	0	17.9	3.0	1	89	75	9	3,152	0	10.6	11.1	0	76	74	7	5,886	0	-3.8	16.0	0	85	82	9	9,732	0	-29.6	13.2	0	64	78	5
		12,492	0	-52.2		0	77	123	7	14,291	0	-67.1		0	74	117	7	16,644	0	-81.0		0	74	90	7	20,670	0	-64.6		0	96	276	9	23,856	0	-56.2		1	57	89	3
TRUK, CAROLINE ISLANDS	1	1,010		28.7	4.6					1,512	0	18.1	3.8	0	93	80	6	3,156	0	10.4	8.4	0	86	92	5	5,885	0	-4.0	13.1	0	74	90	5	9,738	0	-29.0	12.1	1	46	99	3
		12,502	0	-51.9		1	49	163	4	14,303	0	-66.9		0	47	128	4	16,650	0	-82.4		0	73	74	7	20,687	0	-63.8		0	98	270	11	23,876	0	-56.3		0	33	66	2
KOROR, PALAU ISLANDS	1	1,007		28.6	4.2					1,510	0	18.4	4.9	2	83	62	5	3,155	0	10.8	11.2	2	72	71	5	5,888	0	-3.6	15.9	1	93	84	8	9,740	1	-29.3	13.7	2	70	85	5
		12,502	1	-51.9		2	82	120	8	14,303	1	-66.6		2	75	107	8	16,666	1	-79.8		2	66	82	5	20,712	1	-64.5		1	98	272	11	23,894	2	-56.6		4	23	80	1
MAJURO, MARSHALL ISLANDS	1	1,010		28.7	4.3					1,512	0	17.9	2.4	0	95	82	9	3,155	0	10.5	8.1	0	81	90	5	5,887	0	-3.9	12.1	0	64	76	3	9,735	0	-29.1	12.5	0	80	249	7
		12,498	0	-51.8		0	85	236	10	14,301	0	-66.7		0	67	245	9	16,651	0	-82.3		0	48	285	5	20,679	0	-63.1		1	97	265	13	23,878	0	-55.5		1	57	98	3
PONAPE/POHNPEI, CAROLINE ISL	1	1,004		28.4	4.5					1,495	0	18.0	3.9	0	95	81	8	3,140	0	10.4	7.9	0	77	96	4	5,871	1	-4.0	11.9	1	81	99	5	9,720	0	-28.9	13.4	0	19	210	1
		12,485	0	-51.7		0	64	195	5	14,288	0	-66.7		0	44	178	4	16,636	0	-82.8		0	46	58	4	20,663	0	-64.3		1	97	270	12	23,845	2	-56.2		2	29	38	1
TARAWA, GILBERT ISLANDS	1	1,009		29.7	4.7					1,499	0	18.4	4.1	0	87	83	13	3,146	0	10.9	6.4	0	54	87	8	5,877	0	-4.3	8.0	0	70	115	6	9,717	0	-30.3	10.6	0	56	188	8
		12,461	0	-54.2	8.9	2	67	180	14	14,239	0	-69.8		2	65	181	13	16,557	0	-84.1		2	36	248	7	20,600	0	-63.8		3	98	263	35	23,786	1	-56.8		4	86	272	18
SOUTH PACIFIC																																									
FUNAFUTI, ELLICE IS.	1	1,008		29.5	4.2					1,502	0	18.5	2.7	0	58	31	7	3,148	0	10.0	4.3	0	45	33	5	5,874	0	-4.7	6.7	1	58	90	6	9,720	0	-29.8	9.5	0	64	145	9
		12,472	0	-53.5		0	83	172	18	14,259	0	-68.7		0	77	158	25	16,588	1	-83.8		0	52	136	8	20,630	3	-63.6		3	75	273	11	23,826	3	-54.4		4	70	95	9
ATUONA, MARQUESAS ISLAND	1	1,004		29.2	4.9					1,503	0	17.4	3.0	0	95	91	6	3,142	0	11.0	12.2	0	78	75	5	5,863	0	-5.0	15.6	0	48	69	3	9,681	0	-31.0	15.8	0	35	133	4
		12,428	0	-52.3		0	35	247	5	14,233	0	-64.7		0	56	272	10	16,619	1	-78.4		3	57	287	8	20,655	5	-66.8		5	18	54	1	23,821	5	-56.8		8	36	31	3
PAGO PAGO, SAMOA	1	1,009		29.5	4.3					1,510	0	18.2	2.5	1	53	26	3	3,155	0	9.8	5.5	1	50	1	3	5,880	0	-4.9	9.7	1	21	338	1	9,720	0	-29.9	11.1	0	41	245	4
		12,474	0	-52.6		0	59	219	9	14,269	0	-67.1		0	67	209	12	16,628	0	-80.6		0	45	192	4	20,667	1	-65.0		1	88	86	5	23,870	2	-54.3		2	98	88	10
HAO, TUAMOTU IS.	1	1,012		29.0	5.3					1,515	0	16.0	4.7	0	79	64	5	3,146	0	9.5	14.9	0	53	71	3	5,860	0	-5.7	14.3	0	12	140	1	9,664	0	-32.5	13.6	0	27	193	3
		12,391	0	-54.1		0	37	196	5	14,178	0	-67.2		0	36	217	4	16,549	4	-76.8		5	19	228	2	20,605	13	-67.6		15	89	83	6	23,749	21	-56.6		17	96	89	13
TAHITI, SOCIETY IS.	1	1,011		30.2	6.8					1,512	0	16.9	3.9	0	75	58	3	3,148	0	9.7	11.7	0	59	60	3	5,864	0	-5.4	13.8	0	27	31	2	9,678	0	-31.9	13.0	0	24	170	3
		12,410	0	-53.8		0	57	178	9	14,198	0	-67.1		0	48	184	7	16,565	0	-77.9		0	39	181	4	20,616	5	-66.8		8	94	84	8	23,799	15	-54.5		16	97	83	13
NANDI, FIJI IS.	1	1,008		28.3	5.6					1,505	0	17.7	3.4	3	62	57	9	3,144	0	9.3	6.1	2	25	357	3	5,864	0	-4.5	7.9	0	49	266	7	9,701	0	-30.0	11.3	0	80	263	23
		12,454	0	-52.3	11.4	0	78	254	31	14,249	0	-67.0		0	86	248	34	16,600	0	-81.5		2	76	237	17	20,632	3	-64.0		5	92	87	18	23,851	4	-53.3		5	91	75	22
RAROTONGA, COOK IS.	1	1,011		26.8	3.5					1,517	0	16.8	2.8	0	42	22	7	3,155	0	9.2	7.0	1	59	318	8	5,872	0	-5.8	9.9	0	84	302	17	9,691	0	-31.6	8.2	0	76	286	25
		12,429	0	-54.2		0	65	274	30	14,214	0	-67.5		1	70	261	37	16,585	2	-77.6		1	58	254	16	20,697	3	-61.7		1	92	74	14	23,945	6	-50.7		3	96	85	24
RAPA, AUSTRAL IS.	1	1,015		22.9	5.3					1,513	1	12.0	3.4	1	14	319	1	3,128	1	6.7	13.1	1	80	278	8	5,824	2	-7.4	12.0	2	86	273	13	9,612	2	-33.1	10.7	3	85	269	19
		12,335	3	-54.3		7	80	250	19	14,125	3	-66.3		10	81	242	17	16,513	4	-72.7		10	77	261	10	20,664	12	-64.1		19	35	96	4	23,870	19	-53.9		22	80	89	7
CHATHAM ISLAND	1	1,009		14.6	2.3					1,469	0	4.7	4.2					3,032	0	-2.9	10.0					5,620	0	-19.3	10.0					9,210	0	-46.3					
		11,820	0	-57.8						13,643	0	-56.6						16,209	1	-57.1						20,601	2	-55.4						23,875	2	-52.8					
CAMPBELL ISLAND	1	999		9.4	2.9					1,331	1	-0.1	3.6	1	81	281	30	2,872	2	-6.9	8.2	2	84	275	30	5,401	2	-23.1	6.4	2	81	278	41	8,971	2	-47.7	10.3	2	82	275	49
		11,583	3	-54.8	11.2	4	86	272	45	13,433	4	-54.2	12.7	4	90	274	41	16,038	4	-53.8		4	94	273	35	20,531	9	-52.4						23,847	11	-51.3					

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
AUGUST 1983		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH AMERICA																																											
ANTARCTICA																																											
MCMURDO	1	981		-20.6	6.8					1,066	4	-26.0	5.2	4	83	186	7	2,463	4	-30.0	6.0	4	89	188	8	4,806	4	-41.9	2.3	6	79	206	9	8,104	6	-63.5		8	64	225	8
		10,537	9	-74.0		12	71	243	8	12,232	18	-76.6		21	79	259	8																										
SEPTEMBER 1983																																											
SOUTH AMERICA																																											
ANTARCTICA																																											
MCMURDO	1	987		-21.5	5.6					1,119	21	-23.1	6.8					2,528	21	-27.8	6.2					4,896	21	-40.0						8,213	21	-61.2					
		10,663	22	-71.5						12,322	24	-74.4																													
OCTOBER 1983																																											
SOUTH AMERICA																																											
ANTARCTICA																																											
MCMURDO	1	978		-15.7	8.5					1,068	21	-21.0	6.5					2,487	21	-25.2	6.4					4,868	21	-39.1	7.0	21	15	13	1	8,205	21	-60.7		21	48	350	4
		10,669	21	-68.0		21	69	311	6	12,397	21	-68.1		21	90	291	9	14,836	22	-65.7						19,097	23	-59.8						22,345	25	-49.7					
NOVEMBER 1983																																											
SOUTH AMERICA																																											
ANTARCTICA																																											
MCMURDO	1	976		-8.5	8.3					1,074	1	-16.7	5.0	1	54	185	3	2,506	1	-25.9	4.9	1	72	204	4	4,885	1	-38.3	7.9	1	49	213	3	8,248	1	-56.6		1	37	263	3
		10,817	1	-55.6		1	75	297	6	12,667	2	-53.2		2	83	304	10	15,327	4	-45.4		4	88	307	16	20,069	6	-34.3		8	83	308	20	23,629	15	-31.4		19	87	303	19
DECEMBER 1983																																											
SOUTH AMERICA																																											
ANTARCTICA																																											
MCMURDO	1	989		-1.8	9.4					1,198	1	-10.6	8.3	1	35	211	2	2,666	1	-19.5	7.9	1	53	222	3	5,106	1	-32.1	9.4	1	57	269	5	8,560	1	-51.2		1	72	297	8
		11,191	2	-48.8		2	82	305	6	13,093	2	-46.2		2	85	303	6	15,815	2	-41.9		2	79	306	4	20,656	6	-33.9		8	43	2	2	24,427	19	-28.1		20	94	54	3
JANUARY 1984																																											
SOUTH AMERICA																																											
ANTARCTICA																																											
MCMURDO	1	997		-2.0	7.7					1,264	0	-10.0	7.4	0	50	193	3	2,736	0	-18.3	7.3	0	54	199	3	5,192	0	-30.8	7.9	0	49	255	4	8,664	0	-46.9		0	68	283	8
		11,388	1	-41.7		1	81	285	7	13,343	2	-41.3	11.4	4	83	282	6	16,104	4	-40.8		4	86	284	5	20,858	6	-37.5		7	60	296	2	24,406	14	-35.1		21	48	52	1
FEBRUARY 1984																																											
SOUTH AMERICA																																											
ANTARCTICA																																											
MCMURDO	1	995		-5.7	6.1					1,236	17	-12.2	2.2	17	81	172	5	2,697	17	-20.3	2.4	17	34	155	3	5,132	17	-32.7	5.7	18	15	137	1	8,580	17	-48.7		19	12	132	1
		11,308	18	-42.0		19	44	328	2	13,261	18	-41.4		19	75	321	3	16,023	19	-40.8		19	85	341	3	20,768	19	-38.2						24,319	22	-37.4					

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	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
JULY 1984		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	978		-24.3	5.7					1,036	3	-27.6	5.0	3	69	190	7	2,413	3	-34.7	4.4	3	84	183	10	4,707	3	-46.3		9	81	195	10	7,956	5	-63.9		9	81	210	10
		10,380	11	-69.7		12	81	231	8	12,069	16	-73.0		16	82	246	8	14,433	20	-77.1																					
AUGUST 1984																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	987		-23.4	5.3					1,107	1	-25.9	7.2	1	40	208	3	2,497	1	-31.1	6.8	1	75	202	6	4,828	1	-43.1		2	64	216	8	8,113	2	-63.7		4	76	257	9
		10,542	6	-71.8		8	85	260	10	12,196	11	-75.5		13	84	264	11	14,536	24	-78.5		25																			
SEPTEMBER 1984																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	984		-22.7	6.1					1,088	0	-25.1	5.9	0	56	189	5	2,484	1	-29.8	5.7	2	51	188	4	4,831	1	-41.5	5.1	3	29	196	3	8,138	2	-62.8		4	46	254	6
		10,578	2	-71.3		4	69	263	8	12,267	2	-73.9		3	74	275	8	14,625	3	-75.9		3	93	278	12	18,629	3	-75.9		3	97	280	20	21,609	3	-71.4		4	97	278	25
OCTOBER 1984																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	976		-13.9	6.6					1,050	2	-21.2	5.1	3	65	180	6	2,464	2	-27.5	4.3	3	63	193	5	4,831	2	-39.4	4.7	3	17	236	2	8,179	2	-58.2		4	40	330	5
		10,694	2	-63.6		3	76	327	10	12,450	3	-64.1		3	76	309	12	14,939	3	-62.8		3	93	308	19	19,293	4	-53.9		6	97	297	31	22,587	11	-45.1		14	96	295	40
NOVEMBER 1984																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	982		-5.1	8.0					1,130	1	-14.7	6.1	1	76	188	6	2,577	1	-22.6	4.7	1	73	173	5	4,986	1	-35.2	6.0	2	15	95	1	8,382	1	-55.9		3	40	17	4
		10,945	1	-56.7		3	48	327	4	12,778	1	-54.6		2	68	302	8	15,410	1	-47.6		2	78	293	16	20,150	1	-32.6		5	81	286	23	23,795	3	-27.0		7	87	283	24
DECEMBER 1984																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	995		0.5	7.0					1,256	2	-9.6	6.0	2	93	187	7	2,726	2	-19.7	3.8	2	77	183	5	5,150	2	-34.3	6.2	2	63	173	4	8,571	2	-52.1		2	28	188	2
		11,219	3	-47.5		3	57	250	4	13,131	3	-44.8		3	62	263	7	15,866	4	-39.6		4	55	258	6	20,666	6	-33.3		9	41	263	5	24,151	16	-31.5		17	21	247	2
FEBRUARY 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
AMUNDSEN-SCOTT	1	682		-42.8	2.3																					4,991	1	-39.5	0.8	1	27	255	2	8,348	2	-53.4		2	37	214	4
		11,025	2	-44.5		2	53	205	3	12,957	2	-43.4		2	62	205	3	15,690	2	-42.7		2	74	198	3	20,383	2	-41.6		3	79	174	3	23,891	6	-40.4		6	70	172	3
MARCH 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
AMUNDSEN-SCOTT	1	682		-53.2																						4,990	1	-39.2	0.9	1	19	229	2	8,337	2	-56.0		2	40	194	5
		10,958	3	-49.7		3	60	201	4	12,840	3	-50.0		3	66	200	4	15,487	3	-50.7		3	80	198	3	19,987	5	-52.3		5	85	165	3	23,336	8	-52.0		9	91	152	3

UPPER AIR DATA LATE REPORTS

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
APRIL 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
AMUNDSEN-SCOTT	1	681		-56.3																						4,955	1	-41.9	0.4	1	46	300	4	8,264	2	-60.3		2	57	224	6
		10,827	3	-55.5		3	75	220	4	12,663	5	-56.5		5	76	206	5	15,237	9	-59.8		9	69	202	5	19,528	16	-64.1		17	64	197	6	22,706	24	-65.1					
MAY 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
AMUNDSEN-SCOTT	1	680		-59.8																						4,917	0	-45.0		0	33	254	4	8,181	0	-64.1		1	50	215	6
		10,656	4	-63.6		5	61	199	7	12,406	6	-66.3		7	64	201	6	14,853	22	-71.8		22																			
JUNE 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
AMUNDSEN-SCOTT	1	681		-52.8																						4,956	1	-41.6	2.0	1	67	300	9	8,249	2	-64.1		2	54	268	8
		10,687	6	-70.5		6	47	253	5	12,388	14	-70.9		14	78	215	7	14,809	25	-74.2																					
JULY 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
AMUNDSEN-SCOTT	1	663		-61.1																						4,731	1	-46.0		1	73	335	8	7,970	2	-67.3		2	67	322	8
		10,352	14	-74.0		15	65	316	6	12,002	24	-75.8																													
AUGUST 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
DAVIS	1	979		-18.4	6.9					1,067	0	-20.7	4.1	8	72	62	6	2,490	0	-25.6	8.0	5	60	74	5	4,856	0	-40.1	6.1	5	44	80	3	8,169	0	-62.3		4	38	288	3
		10,609	1	-71.0		6	63	270	8	12,299	2	-73.9		5	84	276	13	14,645	3	-77.1		7	90	275	21	18,583	3	-80.2						21,487	9	-78.5					
CASEY	1	977		-11.0	2.1					1,086	0	-13.8	3.0	1	67	61	5	2,538	0	-21.7	2.8	1	46	61	3	4,935	0	-37.7	4.2	1	43	11	5	8,284	1	-60.5		1	50	320	9
		10,738	1	-70.0		1	63	297	13	12,440	1	-71.7		1	84	288	17	14,822	1	-73.6		2	93	286	26	18,835	6	-75.5		7	96	279	41								
AMUNDSEN-SCOTT	1	678		-57.9																						4,918	1	-42.5	2.6	1	29	269	3	8,198	1	-65.1		1	29	226	4
		10,592	4	-78.3		5	38	234	4	12,216	13	-80.7		17	9	103	1																								
AUSTRALASIA																																									
AUSTRALIA WESTERN																																									
BROOME	1	1,014		18.5	5.9					1,525	12	16.5	18.4	1	6	20	0	3,143	12	6.7	20.6	0	55	307	4	5,836	12	-6.5	23.8	0	84	260	9	9,636	12	-32.4		0	91	269	13
		12,355	12	-56.4		0	92	269	13	14,127	12	-69.6		1	78	279	11	16,454	12	-79.8		4	70	245	6	20,573	16	-60.5		15	80	246	4								
PORT HEDLAND AIRPORT	1	1,015		14.5	7.1					1,519	0	13.5	13.2	2	47	23	3	3,132	0	6.6	19.8	0	78	289	6	5,821	0	-7.2	21.5	0	94	264	15	9,621	0	-32.1		0	96	267	22
		12,352	0	-54.3		0	92	269	22	14,133	0	-68.3		0	92	272	19	16,478	1	-79.2		1	89	256	12	20,601	3	-60.4		2	71	215	3								
CARNARVON AIRPORT	1	1,018		12.6	1.9					1,515	16	9.2	10.5	1	32	225	3	3,114	16	4.2	19.2	2	68	272	8	5,772	16	-11.1	17.9	1	92	266	23	9,528	16	-33.0		1	96	272	40
		12,225	16	-54.0		1	96	272	42	14,039	16	-68.0		1	97	269	38	16,419	16	-74.2		7	97	269	23	20,593	18	-60.2		17	84	212	3								
PERTH AIRPORT	1	1,018		9.4	1.6					1,497	0	3.6	4.9	0	59	258	7	3,055	0	-3.5	15.1	1	74	260	11	5,636	0	-18.9	18.0	1	81	258	20	9,269	0	-39.5		1	95	265	48
		11,976	0	-51.4		1	97	264	57	13,802	0	-60.4		3	98	264	46	16,290	0	-65.5		5	98	262	27	20,567	5	-58.2		9	53	244	3								
ALBANY AIRPORT	1	1,008		9.6	1.9					1,473	1	2.9	4.2	0	70	254	10	3,023	1	-5.2	13.0	0	62	257	10	5,585	1	-21.6	14.9	0	73	259	16	9,163	2	-44.3		0	89	259	34
		11,840	2	-50.6		2	95	263	47	13,867	2	-56.7		5	96	264	38	16,231	3	-60.9		12	97	264	22	20,564	5	-56.8		17	74	283	5								
GILES	1	950		15.2	16.0					1,528	0	10.4	13.8	0	49	253	4	3,123	0	3.2	18.2	1	88	273	12	5,769	0	-12.2	19.1	0	97	265	25	9,524	0	-32.6		0	96	263	47
		12,260	1	-52.5		3	98	264	46	14,062	2	-66.1		4	99	267	40	16,457	2	-72.2		6	97	263	19	20,665	5	-58.6		13	32	127	1	23,934	18	-51.7					
KALGOORLIE AIRPORT	1	977		7.0	2.2					1,502	5	3.2	4.1	5	59	267	7	3,062	5	-1.9	17.3	10	75	267	10	5,662	5	-17.2	17.2	15	81	259	18	9,319	5	-38.1		18	95	257	45
		12,038	6	-51.0						13,866	6	-60.7						16,350	6	-65.0						20,626	7	-58.0						23,905	18	-51.1					
FORREST AIRPORT	1	999		10.6	5.4					1,496	18	4.8	9.0	3	68	259	7	3,059	18	-2.0	16.6	3	83	269	11	5,651	18	-17.9	11.9	3	92	263	22	9,292	18	-38.3		3	96	260	46
		12,006	18	-50.7		4	97	259	56	13,838	18	-60.7		5	98	262	48	16,315	19	-64.7		12	96	260	30	20,590	21	-57.8		18	71	222	5								
AUSTRALIA NORTHEASTERN																																									
WILLIS ISLAND	1	1,015		23.9	5.2					1,564	0	14.3	10.1	0	81	111	5	3,157	0	8.5	19.7	0	33	294	2	5,856	0	-6.9	19.3	0	65	279	7	9,655	1	-32.3		0	90	266	13
		12,377	1	-54.8		0	83	267	13	14,154	1	-69.5		0	79	256	11	16,484	3	-78.5		0	84	261	8	20,657	6	-59.4		4	90	264	7								
DARWIN AIRPORT	1	1,011		24.3	3.9					1,526	0	16.0	9.5	0	96	116	9	3,155	0	8.9	20.7	0	80	94	5	5,858	0	-5.8	25.0	0	26	86	2	9,676	0	-31.4		0	41	110	2
		12,409	0	-54.4		0	50	51	4	14,185	0	-69.2		0	62	84	5	16,522	0	-79.2		0	70	128	6	20,676	0	-60.3		2	97	267	11	23,923	20	-53.5		18	85	271	5
ALICE SPRINGS AIRPORT	1	956		13.8	13.1					1,530	0	11.3	14.3	0	11	296	1	3,127	0	2.8	12.2	3	89	281	11	5,770	0	-12.2	15.4	0	97	266	23	9,522	0	-33.0		0	96	265	41
		12,254	0	-53.3		0	97	262	44	14,047	0	-66.8		0	98	264	41	16,427	0	-74.2		0	97	261	25	20,603	5	-60.1		2	31	181	2								

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	SURFACE* 200 MB TEMPERATURE NUMBER OF MISSING DAYS	SURFACE* 200 MB TEMPERATURE MEAN	SURFACE* 200 MB DEW POINT DEPRESSION	SURFACE* 200 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	SURFACE* 200 MB MEAN VECTOR WIND STEADINESS FACTOR	SURFACE* 200 MB MEAN VECTOR WIND DIRECTION	SURFACE* 200 MB MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	850 MB 150 MB TEMPERATURE NUMBER OF MISSING DAYS	850 MB 150 MB TEMPERATURE MEAN	850 MB 150 MB DEW POINT DEPRESSION	850 MB 150 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	850 MB 150 MB MEAN VECTOR WIND STEADINESS FACTOR	850 MB 150 MB MEAN VECTOR WIND DIRECTION	850 MB 150 MB MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	700 MB 100 MB TEMPERATURE NUMBER OF MISSING DAYS	700 MB 100 MB TEMPERATURE MEAN	700 MB 100 MB DEW POINT DEPRESSION	700 MB 100 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	700 MB 100 MB MEAN VECTOR WIND STEADINESS FACTOR	700 MB 100 MB MEAN VECTOR WIND DIRECTION	700 MB 100 MB MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	500 MB 50 MB TEMPERATURE NUMBER OF MISSING DAYS	500 MB 50 MB TEMPERATURE MEAN	500 MB 50 MB DEW POINT DEPRESSION	500 MB 50 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	500 MB 50 MB MEAN VECTOR WIND STEADINESS FACTOR	500 MB 50 MB MEAN VECTOR WIND DIRECTION	500 MB 50 MB MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	300 MB 30 MB TEMPERATURE NUMBER OF MISSING DAYS	300 MB 30 MB TEMPERATURE MEAN	300 MB 30 MB DEW POINT DEPRESSION	300 MB 30 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	300 MB 30 MB MEAN VECTOR WIND STEADINESS FACTOR	300 MB 30 MB MEAN VECTOR WIND DIRECTION	300 MB 30 MB MEAN VECTOR WIND SPEED
AUGUST 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AUSTRALASIA																																									
AUSTRALIA NORTHEASTERN																																									
MT. ISA AIRPORT	1	978		20.4	16.9					1,538	10	15.2	14.8	0	23	17	1	3,152	10	5.2	11.0	0	79	262	7	5,827	10	-8.2	21.2	0	91	266	18	9,624	11	-32.0		1	95	265	29
		12,350	11	-54.6		3	93	264	27	14,126	12	-69.2		7	94	259	25	16,471	12	-77.3		9	98	251	16	20,631	17	-59.9		18	52	185	3								
CHARLEVILLE AIRPORT	1	985		15.9	10.5					1,533	3	8.1	10.8	0	68	304	5	3,108	3	0.0	14.4	1	89	272	12	5,729	3	-15.8	12.6	0	95	268	23	9,425	3	-35.2		0	92	267	49
		12,153	5	-52.4		2	94	269	55	13,958	6	-63.6		2	95	268	48	16,400	6	-68.7		2	96	266	26	20,657	7	-57.8		5	37	329	2					19	65	73	4
TOWNSVILLE AIRPORT	1	1,018		22.7	7.4					1,541	0	12.6	9.4	4	68	68	4	3,155	0	5.9	18.2	7	69	246	5	5,839	0	-8.0	21.2	8	84	271	13	9,633	0	-32.0		13	91	263	26
		12,362	0	-54.2		16	93	267	26	14,144	0	-68.2		17	90	267	23	16,494	0	-78.1		18	76	263	11	20,653	1	-60.0		21	13	271	1	23,908	4	-51.8					
BRISBANE AIRPORT	1	1,020		15.9	6.1					1,529	0	6.7	6.5	1	48	287	4	3,101	0	-1.4	11.3	0	84	277	9	5,706	0	-16.5	12.9	0	90	270	20	9,378	0	-37.8		0	94	272	46
		12,082	1	-52.7		0	95	271	53	13,892	1	-63.1		0	97	268	48	16,346	1	-67.7		0	96	274	27	20,608	2	-58.1		4	35	303	2	23,892	18	-51.2					
AUSTRALIA SOUTHEASTERN																																									
WOOMERA AERODROME	1	999		11.7	6.3					1,498	7	5.4	9.0	0	64	267	7	3,059	7	-2.6	15.3	1	81	277	12	5,641	7	-19.2	13.0	1	83	268	20	9,263	7	-40.9		1	95	265	45
		11,965	8	-51.0		1	96	263	52	13,804	8	-58.4		2	97	264	42	16,313	8	-63.1		5	97	266	23	20,622	12	-56.3		12	18	286	1								
COBAR	1	987		11.0	5.3					1,500	11	3.6	6.3	3	64	293	6	3,055	11	-4.4	10.2	4	84	271	10	5,623	11	-20.4	12.0	4	89	273	17	9,213	11	-44.0		4	91	272	37
		11,900	11	-50.5		5	95	269	47	13,747	11	-56.8		7	96	268	37	16,279	11	-61.4		11	94	265	19	20,605	15	-56.2		18	71	286	5								
ADELAIDE AIRPORT	1	1,016		11.0	3.2					1,472	0	2.4	4.2	0	55	290	6	3,018	0	-5.0	10.2	0	69	279	9	5,582	0	-21.9	11.8	0	73	277	12	9,149	0	-45.3		0	82	269	23
		11,822	0	-48.9		0	95	265	34	13,691	0	-53.4		2	96	266	31	16,269	1	-57.8		3	95	265	22	20,647	7	-55.7		7	79	256	6	23,955	15	-50.2		17	31	57	2
MT. GAMBIER AIRPORT	1	1,007		8.9	1.8					1,455	0	1.2	2.7	1	46	290	5	2,994	0	-6.4	10.0	0	52	281	6	5,540	0	-23.5	12.9	1	54	280	8	9,072	1	-49.2		3	70	278	15
		11,706	1	-50.9		0	93	267	25	13,572	1	-52.6		1	95	268	24	16,163	1	-56.6		2	95	265	18	20,571	4	-54.5		6	92	265	10	23,859	15	-50.0		16	64	277	5
LAVERTON AERODROME	1	1,013		9.7	3.1					1,462	0	1.4	3.1	0	48	300	5	2,999	0	-6.7	9.9	0	56	289	7	5,544	0	-23.6	12.3	0	57	275	8	9,072	0	-49.4		1	76	272	16
		11,702	1	-50.9		0	94	266	24	13,568	1	-52.6		2	95	269	23	16,160	1	-56.4		1	95	267	19	20,563	7	-54.6		8	89	272	10								
WILLIAMTOWN AERODROME	1	1,018		11.4	4.5					1,485	10	1.2	3.9	1	72	284	7	3,023	10	-6.3	12.1	1	80	284	9	5,576	10	-22.7	10.5	2	89	280	16	9,133	10	-46.1		2	90	276	34
		11,793	10	-51.8		4	95	271	43	13,637	11	-57.8		5	96	274	34	16,160	11	-62.2		10	97	270	19	20,478	13	-57.1		14	60	293	4								
HOBART AIRPORT	1	1,013		7.9	3.1					1,438	4	1.0	4.6	0	57	272	7	2,974	4	-7.5	9.2	0	45	272	5	5,511	4	-24.6	10.9	0	59	273	8	9,012	4	-51.6		1	67	273	11
		11,600	4	-53.2		1	91	272	15	13,453	4	-53.3		1	95	269	18	16,054	4	-54.5		4	96	272	17	20,513	12	-52.5		12	95	273	14								
SOUTH PACIFIC																																									
HONIARA	1	1,006		27.8	5.3					1,522	0	17.8	3.0	0	94	93	9	3,161	0	9.5	6.8	0	89	79	6	5,875	0	-6.2	7.0	0	74	71	5	9,685	2	-31.9		2	63	58	4
		12,408	2	-55.7		2	33	49	3	14,172	3	-70.8		3	14	103	1	16,503	3	-76.9		4	31	79	2	20,698	9	-59.9		11	99	269	12	23,947	21	-54.4					
NORFOLK ISLAND AIRPORT	1	1,008		17.1	6.0					1,527	8	4.9	5.0	2	44	274	4	3,090	8	-1.7	15.4	2	68	276	8	5,689	8	-17.2	13.3	2	92	272	21	9,344	8	-39.6		2	96	277	46
		12,043	8	-52.4		3	97	274	57	13,860	8	-61.7		7	98	270	49	16,335	8	-66.0		8	98	269	26	20,627	12	-56.8		13	44	260	2	23,912	20	-50.0		20	21	125	1
LORD HOWE ISLAND	1	1,013		16.7	5.4									4	45	279	4					4	67	276	7					5	84	273	17					7	92	273	35
						10	95	277	47					11	97	276	38					12	97	277	22					21	75	291	4								
MACQUARIE ISLAND	1	1,002		4.1	1.2					1,329	0	-3.5	2.5	0	73	277	12	2,841	0	-11.5	4.2	0	82	278	15	5,344	0	-27.5	7.2	0	79	280	19	8,808	0	-54.8		1	82	282	22
		11,348	1	-61.2		1	91	275	25	13,148	1	-59.1		1	95	273	29	15,686	1	-59.5		1	98	272	33	20,027	2	-59.8		5	98	268	45	23,188	8	-60.4		9	97	269	53
COCOS ISLAND AP	1	1,012		25.2	4.2					1,510	0	15.1	1.8	0	75	96	6	3,139	0	9.6	17.5	3	72	96	5	5,850	0	-6.2	17.2	9	80	53	5	9,655	0	-32.2		11	81	36	6
		12,376	0	-55.4		12	93	28	12	14,147	1	-69.9		14	90	43	13	16,484	2	-77.4		15	85	74	8	20,633	4	-61.5		20	95	274	10	23,863	21	-53.8					
SEPTEMBER 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
DAVIS	1	981		-19.5	5.8					1,084	0	-21.1	3.7	3	59	40	5	2,507	0	-24.7	7.1	2	28	15	3	4,820	0	-40.6	7.0	2	23	295	3	8,188	0	-62.6		5	44	291	5
		10,615	0	-68.4		6	43	273	5	12,286	0	-75.7		8	85	262	11	14,616	1	-78.5		9	91	268	16	18,550	1	-79.1						21,467	2	-74.9					
CASEY	1	977		-15.3	3.6					1,063	0	-16.8	5.7	4	41	63	3	2,504	0	-23.1	6.7	3	10	294	1	4,890	0	-39.2	7.3	1	49	282	5	8,211	0	-61.6		1	76	282	12
		10,659	0	-70.5		1	90	279	17	12,358	0	-72.3		1	92	276	20	14,728	0	-73.8		1	94	280	28	18,755	3	-73.6		5	97	285	43	21,723	19	-68.1					
AMUNDSEN-SCOTT	1	672		-62.1																						4,842	1	-43.6		1	30	259	3	8,105	1	-66.2		1	47	209	5
		10,489	5	-77.2		5	65	210	7	12,130	16	-81.0		18	81	201	8																								
AUSTRALASIA																																									
AUSTRALIA WESTERN																																									
BROOME	1													0	43	95	3					0	29	11	2					0	78	263	9					0	88	264	15
						0	91	269	16					6	86	272	13					12	78	259	8																
PORT HEDLAND AIRPORT	1	1,013		16.7	6.7					1,521	0	16.9	19.0	0	52	27	4	3,138	0	5.1	15.5	1	53	320	5	5,819	0	-60.9	22.1	2	87	271	13	9,615	0	-32.2		0	91	263	22
		12,346	0	-54.2		0	92	271	23	14,124	0	-68.4		1	89	268	20	16,479	1	-77.6		3	85	272	9	20,620	3	-59.6		5	55	156	2								
CARNARVON AIRPORT	1	1,016		14.9	3.5					1,513	5	11.1	13.8	0	28	240	2	3,111	5	3.9	22.5	0	59	296	6	5,771	5	-10.5	20.4	0	88	271	16	9,526	5	-34.0		0	95	270	36
		12,242	6	-54.1		0	96	272	38	14,028	6	-67.5		0	95	271	34	16,414	6	-74.0		2	93	274	19	20,595	7	-59.4		5	54	187	2								
PERTH AIRPORT	1	1,018		11.1	3.5					1,511	0	6.3	7.2	1	19	248	1	3,084	0	-0.7	15.9	0	56	276	5	5,688	0	-17.6	19.1	0	75	278	11	9,324	0	-40.3		0	91	271	34
		12,015	1	-52.5		0	95	269	46	13,838	1	-60.5		0	96	269	40	16,322	1	-65.2		0	96	269	24	20,601	6	-57.8		6	68	259	4								
ALBANY AIRPORT	1	1,013		8.4	0.7					1,518	9	4.0	5.2	0	33	284	3	3,074	9	-2.3	18.3	0	69	272	6	5,664	9	-19.2	18.1	0	78	272	11	9,265	9	-44.0		1	83	270	22
		11,927	9	-52.1		2	93	268	38	13,766	9	-57.7		3	94	266	35	16,289	9	-61.7		5	96	266	21	20,625	11	-56.0		16	76	287	6								
GILES	1	950		18.7	23.6					1,540	0	13.6	13.8	0	44	351	4	3,142	0	3.0	14.9	1	52	251	5	5,786	0	-12.2	19.0	0	85	266	17	9,524	0	-33.9		0	93	261	37
		12,251	0	-53.0		0	95	262	38	14,050	0	-65.1		0	95	265	32	16,464	0	-72.2		0	95	265	16	20,676	1	-58.7		3	69	85	4	23,932	11	-53.0		20	96	85	10
KALGOORLIE AIRPORT	1	977		10.8	5.8					1,517	4	8.1	8.8	3	33	331	3	3,095	4	0.0	14.4	5	75	284	6	5,708	4	-16.4	17.5	8	87	265	15	9,365	5	-38.7		10	93	262	41
		12,069	5	-51.7		19	94	256	43	13,897	6	-50.1						16,383	6	-65.8						20,662	7	-56.8						23,925	15	-51.4					
FORREST AIRPORT	1	1,002		12.2	7.5					1,526	13	6.8	11.5	2	11	268	1	3,103	13	-0.1	16.5	0	74	272	7	5,710	13	-17.4	15.2	0	82	265	13	9,357	13	-40.5		0	90	264	34
		12,041	13	-52.9		0	94	259	45	13,861	13	-60.9		1	95	262	41	16,234	13	-66.1		7	97	261	24	20,619	13	-57.3		12	40	236	2								

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
SEPTEMBER 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AUSTRALASIA																	
AUSTRALIA NORTHEASTERN																	
WILLIS ISLAND	1	1,014		24.6	5.4					1,522	1	14.3	9.3	0	47	109	3
		12,370	1	-55.0		0	94	278	17	14,143	1	-69.4		0	87	278	15
DARWIN AIRPORT	1	1,010		26.1	5.5					1,526	0	16.9	10.8	0	92	108	7
		12,405	0	-54.1		0	49	293	4	14,186	0	-69.2		0	28	16	2
ALICE SPRINGS AIRPORT	1	957		16.5	20.9					1,542	0	10.6	15.0	1	36	96	3
		12,251	0	-53.3		0	95	264	39	14,050	0	-65.4		0	95	267	35
MT. ISA AIRPORT	1	978		21.4	22.9					1,541	11	14.0	21.0	1	47	121	4
		12,323	11	-53.9		5	96	262	30	14,111	11	-67.1		10	97	259	25
CHARLEVILLE AIRPORT	1	984		18.1	15.2					1,537	10	8.9	10.9	1	17	236	1
		12,169	11	-51.6		2	96	268	48	13,985	11	-62.7		2	96	263	42
TOWNSVILLE AIRPORT	1	1,017		24.4	12.4					1,533	0	13.4	11.7	3	57	111	4
		12,357	0	-53.7		9	95	268	25	14,144	0	-67.5		10	95	274	25
BRISBANE AIRPORT	1	1,018		15.9	8.6					1,515	0	7.6	7.4	0	45	244	4
		12,054	1	-51.8		0	95	273	51	13,876	1	-61.3		0	97	273	45
AUSTRALIA SOUTHEASTERN																	
WOOMERA AERODROME	1	1,003		14.4	12.0					1,536	1	5.6	12.7	0	23	234	2
		12,012	1	-51.5		2	96	261	44	13,847	1	-58.6		3	94	260	38
COBAR	1													0	45	232	4
						1	94	259	36					3	96	262	30
ADELAIDE AIRPORT	1	1,022		13.2	6.8					1,524	0	3.8	8.9	0	37	232	3
		11,919	0	-52.2		0	89	259	31	13,768	80	-5.5	.7	0	92	260	28
MT. GAMBIER AIRPORT	1	1,013		10.9	4.0					1,506	0	3.2	8.8	0	36	231	3
		11,810	1	-53.8		1	86	255	23	13,650	2	-55.1		1	92	258	22
LAVERTON AERODROME	1	1,018		11.8	4.5					1,500	0	2.9	9.0	3	36	214	4
		11,797	0	-53.6		1	85	257	20	13,647	0	-54.3		1	91	262	21
WILLIAMTOWN AERODROME	1	1,017		13.5	3.9					1,487	4	3.7	4.2	1	51	238	4
		11,846	4	-50.7		4	94	273	31	13,699	4	-55.8		4	97	269	28
HOBART AIRPORT	1	1,017		10.6	5.0					1,462	8	1.6	6.4	0	62	237	7
		11,686	9	-56.0		1	54	254	16	13,527	9	-54.5		2	93	267	17
SOUTH PACIFIC																	
HONIARA	1	1,005		29.4	6.8					1,522	0	18.1	2.8	0	96	82	6
		12,425	0	-55.1		0	40	321	3	14,194	1	-70.1		1	40	300	3
NORFOLK ISLAND AIRPORT	1	1,005		17.8	4.6					1,506	3	6.4	3.8	0	45	291	4
		12,031	7	-52.3		1	96	275	54	13,856	7	-60.3		1	97	275	45
LORD HOWE ISLAND	1	1,012		17.4	5.1					1,502	17	4.4	1.9	0	53	253	4
		11,890	17	-50.5		0	94	281	39	13,742	17	-55.7		0	96	279	32
MACQUARIE ISLAND	1	999		3.9	2.1					1,297	0	-4.7	3.6	0	88	280	15
		11,347	1	-58.2		0	93	278	33	13,164	1	-56.8		0	96	276	34
COCOS ISLAND AP	1	1,012		24.9	4.9					1,513	14	14.9	2.4	0	92	104	7
		12,383	15	-55.2		7	73	2	6	14,158	15	-69.4		19	82	34	11
OCTOBER 1985																	
SOUTH AMERICA																	
ANTARCTICA																	
AMUNDSEN-SCOTT	1	675		-50.8	2.4												
		10,630	2	-74.2		2	44	268	6	12,289	5	-76.5		5	29	248	3
NOVEMBER 1985																	
SOUTH AMERICA																	
ANTARCTICA																	
AMUNDSEN-SCOTT	1	673		-40.5	5.9												
		10,692	0	-68.0		0	77	187	7	12,421	0	-68.2		0	84	179	7

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
SEPTEMBER 1985	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AUSTRALASIA																								
AUSTRALIA NORTHEASTERN																								
WILLIS ISLAND	3,147	1	8.9	17.6	0	71	307	5	5,850	1	-6.9	20.5	0	87	279	9	9,649	1	-32.5		0	89	279	15
	16,490	1	-77.2		0	79	267	7	20,652	3	-60.9		2	71	245	3								
DARWIN AIRPORT	3,150	0	7.2	10.2	0	36	138	2	5,856	0	-5.8	22.0	0	38	326	2	9,672	0	-31.2		2	61	246	4
	16,519	-	277.6		1	42	116	3	20,668	2	-60.6		2	90	259	7	23,898	13	-53.8		9	33	268	1
ALICE SPRINGS AIRPORT	3,140	0	2.8	15.0	0	51	242	5	5,785	0	-11.6	18.4	1	86	259	15	9,526	0	-34.1		1	94	262	35
	16,452	0	-73.3		0	97	264	23	20,639	2	-59.8		2	59	96	3								
MT. ISA AIRPORT	3,146	11	3.8	17.3	1	63	230	5	5,813	11	-9.3	21.8	1	88	267	16	9,593	11	-32.1		1	93	265	29
	16,489	11	-75.7		17	91	257	15	20,656	14	-60.1													
CHARLEVILLE AIRPORT	3,117	10	0.2	16.5	1	68	249	8	5,732	10	-14.8	16.3	1	85	255	18	9,443	10	-34.7		1	95	266	43
	16,437	12	-67.6		4	98	265	24	20,701	13	-58.1		11	56	88	2					20	96	81	9
TOWNSVILLE AIRPORT	3,144	0	5.6	16.5	6	52	257	4	5,829	0	-8.2	22.8	6	92	275	16	9,622	0	-31.9		6	96	271	27
	16,511	0	-75.9		10	93	267	15	20,670	0	-60.5		13	17	201	1	23,909	12	-53.2		18	80	70	6
BRISBANE AIRPORT	3,087	0	-1.3	12.7	0	76	262	9	5,684	0	-17.9	13.2	0	84	274	17	9,340	0	-3.8		0	94	273	45
	16,347	1	-66.4		2	97	271	24	20,615	2	-58.1		4	47	50	2	23,887	19	-5.2		20	96	90	9
AUSTRALIA SOUTHEASTERN																								
WOOMERA AERODROME	3,104	1	-1.3	17.8	0	47	245	5	5,702	1	-18.2	13.6	0	70	255	11	9,328	1	-41.9		1	82	260	29
	16,356	1	-63.2		3	94	264	22	20,672	4	-56.5		5	15	83	1					20	72	70	5
COBAR					0	51	231	5					0	59	251	10					0	81	253	27
					14	97	258	18					19	42	198	2								
ADELAIDE AIRPORT	3,081	0	-3.1	16.8	0	49	239	5	5,666	0	-19.3	16.3	0	54	241	7	9,245	0	-44.5		0	74	251	18
	16,318	0	-59.8		0	93	259	19	20,683	6	-55.7		2	64	273	4	23,971	8	-51.0		9	50	44	3
MT. GAMBIER AIRPORT	3,057	0	-4.4	16.5	0	51	237	5	5,625	0	-21.1	14.3	0	48	241	7	9,191	1	-47.4		1	62	238	13
	16,223	2	-57.1		1	94	263	17	20,625	2	-53.8		4	83	280	6	23,940	13	-49.9		14	69	335	4
LAVERTON AERODROME	3,050	0	-4.5	14.6	0	41	225	5	5,617	0	-21.3	14.9	0	48	823	30								
	16,226	0	-56.9		2	93	265	16	20,639	4	-53.4		8	79	277	5								
WILLIAMTOWN AERODROME	3,038	4	-4.5	10.3	2	64	249	6	5,608	4	-21.4	12.9	2	51	257	7	9,177	4	-45.0		2	74	267	19
	16,243	4	-60.4		8	95	269	17	20,581	8	-56.4		11	40	312	2								
HOBART AIRPORT	3,005	8	-6.3	10.7	0	61	249	8	5,556	8	-22.5	11.3	0	66	258	11	9,097	9	-49.3		1	57	249	11
	16,114	9	-55.5		4	97	268	16	20,547	12	-52.2		14	98	280	13								
SOUTH PACIFIC																								
HONIARA	3,163	0	10.1	8.3	0	88	64	5	5,880	0	-5.8	11.2	0	82	64	5	9,697	0	-31.4		0	27	10	1
	16,531	1	-75.7		1	45	59	2	20,717	3	-60.7		3	90	259	10	23,941	8	-53.3		10	95	266	8
NORFOLK ISLAND AIRPORT	3,077	3	-0.8	11.8	0	71	278	8	5,682	3	-16.9	11.2	0	85	277	18	9,337	4	-39.3		0	93	281	45
	16,348	7	-64.2		2	96	275	23	20,651	9	-56.6		5	10	177	1	23,933	17	-51.2		15	92	85	8
LORD HOWE ISLAND	3,057	17	-3.8	10.1	1	63	279	7	5,632	17	-20.8	12.2	1	71	279	13	9,210	17	-43.9		0	88	281	29
	16,292	17	-59.6		2	93	279	18	20,644	19	-55.7		19	32	308	2								
MACQUARIE ISLAND	2,805	0	-11.8	8.5	0	88	279	19	5,303	0	-28.0	8.3	0	88	284	26	8,784	1	-52.4		0	85	278	31
	15,737	1	-56.8		0	97	277	37	20,153	2	-54.3		1	98	279	45	23,445	5	-51.2		9	97	282	45
COCOS ISLAND AP	3,143	14	9.2	11.9	2	55	82	3	5,848	14	-6.2	15.8	2	55	60	3	9,658	14	-32.2		4	68	35	4
	16,500	15	-77.2		19	58	60	5	20,642	16	-61.0													
OCTOBER 1985																								
SOUTH AMERICA																								
ANTARCTICA																								
AMUNDSEN-SCOTT									4,900	0	-41.7	2.4	0	48	293	6	8,204	0	-63.1		0	42	283	6
	14,602	6	-78.6		7	33	197	3	18,548	11	-77.1		11	62	134	6	21,505	14	-69.6		16	67	130	9
NOVEMBER 1985																								
SOUTH AMERICA																								
ANTARCTICA																								
AMUNDSEN-SCOTT									4,905	0	-39.9	2.1	0	41	232	3	8,231	0	-61.7		0	63	193	7
	14,862	0	-66.9		0	91	162	9	19,163	2	-53.2		3	92	139	16	22,584	9	-36.7		10	88	119	18

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
DECEMBER 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
JULIANA AP, ST. MAARTEN	2	1,018		25.1	3.6					1,561	6	14.2	5.1	6	98	94	8	3,184	6	9.1	19.1	6	92	91	7	5,904	6	-5.5	18.5	6	73	82	5	9,702	7	-33.5	13.9	9	53	15	4
		12,422	8	-54.5		9	80	325	12	14,211	8	-67.2		9	84	322	11	16,583	8	-78.5		8	56	350	4	20,589	9	-65.4		9	70	86	3	23,787	10	-55.0		11	86	95	6
SOUTH AMERICA																																									
ANTARCTICA																																									
AMUNDSEN-SCOTT	1	683		-31.1	11.2																					5,033	1	-37.7	4.8	1	15	1	1	8,396	1	-57.1		1	44	202	4
		10,969	1	-54.3		1	58	226	4	12,825	1	-51.4		1	62	224	4	15,497	2	-43.6		2	68	218	6	20,279	2	-33.0		2	82	197	9	23,893	9	-31.0		9	85	182	7
JANUARY 1986																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
GUANTANAMO ORIENTE	2	1,015		20.7	4.3					1,553	4	13.4	4.4	5	73	92	4	3,168	4	5.7	9.6	6	55	124	3	5,859	4	-7.9	18.1	6	68	289	5	9,612	11	-34.8	13.3	15	95	283	25
		12,343	14	-51.5		17	99	273	27	14,170	17	-64.3		18	97	276	25	16,586	20	-74.8		20	91	276	14	20,624	22	-66.1						23,782	23	-57.2					
JULIANA AP, ST. MAARTEN	2	1,019		24.4	4.0					1,556	2	13.0	5.1	3	96	99	8	3,169	2	7.2	16.9	3	91	95	5	5,866	4	-8.1	17.5	4	20	6	1	9,634	4	-34.2	13.1	6	97	295	22
		12,357	7	-52.8		7	99	286	29	14,162	7	-64.9		7	96	293	23	16,556	7	-76.8		7	94	303	15	20,582	10	-65.0		10	45	318	2	23,764	13	-55.7		13	68	72	4
FEBRUARY 1986																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
GUANTANAMO ORIENTE	2	1,015		20.0	3.1					1,550	7	13.5	6.1	7	76	95	4	3,166	7	8.1	17.3	7	18	128	1	5,865	7	-8.0	17.3	7	60	304	4	9,633	8	-34.7	13.0	8	91	288	21
		12,361	8	-52.1		9	96	280	29	14,166	9	-64.0		9	95	284	21	16,573	9	-76.8		9	79	296	11	20,598	11	-67.5		12	31	348	1	23,776	13	-54.7		14	48	105	2
SOUTH AMERICA																																									
CHILE																																									
ANTOFAGASTA	2	1,000		17.8	2.0					1,499	0	15.5	13.1	0	66	33	2	3,132	0	9.0	15.0	0	84	341	4	5,846	0	-5.9	17.4	0	37	251	2	9,656	1	-31.8	15.1	1	88	272	14
		12,390	1	-53.6		1	92	278	19	14,181	2	-67.4		3	88	275	15	16,556	3	-76.9		3	77	259	8	20,618	3	-65.8		3	98	107	11	23,817	5	-54.3		5	99	89	16
QUINTERO	2	1,015		15.8	2.1					1,516	1	15.9	16.4	5	42	149	2	3,146	1	8.2	21.3	3	47	322	2	5,834	1	-9.0	18.3	3	59	261	6	9,567	2	-37.8	12.6	4	62	252	12
		12,255	2	-54.2		6	80	259	18	14,070	2	-61.2		6	88	264	19	16,535	2	-69.7		6	94	263	16	20,714	3	-59.0		12	76	88	4	23,986	4	-51.0		13	99	74	13
EUROPE																																									
ITALY																																									
UDINE/CAMPOFORMIDO	3	999		2.7	7.6					1,381	0	-5.0	6.4	0	62	59	8	2,887	0	-12.1	8.0	0	25	216	4	5,381	0	-28.8	11.7	0	43	241	11	8,847	0	-53.5		0	58	249	24
		11,432	0	-55.1		0	80	257	28	13,275	0	-54.1		0	91	261	29	16,050	0	-55.5		0	92	260	32	20,283	0	-56.8		0	93	261	34	23,538	1	-56.0		1	92	258	38
MILANO/LINATE	3	998		1.8	4.9					1,382	0	-5.1	3.9	0	59	94	5	2,888	0	-12.0	6.7	0	27	238	4	5,382	0	-29.1	10.3	0	45	266	11	8,856	0	-52.7		0	67	278	27
		11,444	0	-55.6		0	87	278	32	13,288	0	-54.1		0	89	277	31	15,885	0	-55.4		0	93	277	35	20,559	0	-56.4		0	92	272	33	23,560	10	-55.7		10	94	267	37
ROMA/FIUMICINO	3	1,007		7.8	4.0					1,377	0	-0.2	4.3	0	44	238	7	2,903	0	-9.3	7.8	0	65	252	13	5,421	0	-26.5	11.7	0	71	265	24	8,920	0	-51.2		0	81	268	40
		11,513	0	-54.9		0	91	272	45	13,361	0	-53.8		0	91	267	43	15,956	0	-56.0		0	95	270	39	20,344	0	-56.7		0	93	267	28	23,592	0	-55.0		0	91	262	30
BRINDISI	3	1,008		10.1	3.8					1,392	0	0.8	3.2	0	65	216	11	3,047	0	-8.3	6.8	0	74	240	16	5,452	0	-25.4	9.8	0	73	253	25	8,961	0	-51.0		0	82	265	44
		11,552	0	-55.7		0	93	266	55	13,396	0	-54.0		0	95	266	51	15,990	0	-54.6		0	96	267	43	20,383	0	-56.9		0	93	261	28	23,638	1	-54.2		1	93	261	30
CAGLIARI/ELMAS	3	1,008		10.4	3.3					1,398	0	1.1	4.1	0	73	281	19	2,934	0	-7.3	8.7	0	83	278	25	5,471	0	-24.5	10.0	0	85	274	34	8,993	0	-50.0		0	88	276	50
		11,595	0	-55.3		0	93	273	59	13,437	0	-54.3		0	95	269	55	16,021	0	-57.4		1	96	272	41	20,383	2	-57.4		2	92	265	24	23,622	2	-55.2		2	94	257	27
TRAPANI/BIRGI	3	1,009		12.0	4.7					1,420	0	2.3	5.1	0	66	267	16	2,958	0	-7.3	8.2	0	84	276	25	5,499	0	-23.6	12.9	0	89	276	39	9,035	0	-48.8		1	91	279	57
		11,640	1	-55.0		3	95	277	60	13,484	2	-54.7		4	48	271	33	16,077	2	-54.9		10	97	271	42	20,434	8	-57.2		16	96	260	27	23,711	15	-53.9		22	99	257	22
AFRICA																																									
ZIMBABWE																																									
BULAWAYO/GOETZ OBS	1	867		18.1	3.6					1,506	0	18.1	4.6	0	86	99	6	3,149	0	9.5	6.1	0	60	129	3	5,864	0	-5.5	10.8	0	38	198	2	9,685	0	-30.5	11.5	0	75	262	8
		12,433	0	-52.3	10.7	0	67	274	8	14,236	0	-66.6		0	67	284	6	16,601	0	-79.4		1	45	360	3	20,645	4	-65.1		4	96	98	14	23,838	4	-55.2		7	97	93	19
HARARE (BELVEDERE)	1	854		17.7	2.2					1,508	0	17.6	2.7	0	80	76	2	3,150	0	9.1	5.2	0	63	112	3	5,869	0	-5.0	10.7	0	14	135	1	9,701	0	-30.3	13.2	0	50	239	3
		12,454	0	-52.8	12.4	0	13	297	1	14,249	0	-67.2		0	31	346	2	16,606	1	-80.4		0	50	79	3	20,638	2	-65.4		1	95	98	11	23,829	9	-55.2		7	90	97	14
ASIA																																									
SYRIAN ARAB REPUBLIC																																									
DAMASCUS/NEW INTL AP	2	943		15.5	12.1					1,471	0	6.5	8.3	0	68	237	4	3,037	0	-2.7	13.1	0	87	255	9	5,617	0	-20.0	13.9	0	91	269	17	9,203	0	-45.6	14.1	0	91	269	31
		11,833	0	-55.6		0	97	274	42	13,657	0	-57.6		0	98	273	42	16,183	0	-62.9		1	99	273	29	20,464	1	-58.9		1	89	267	9	23,717	2	-52.9		4	72	244	5
ALEPPO	2	965		13.2	7.1					1,474	0	3.8	4.5	0	45	229	3	3,025	0	-4.9	11.0	0	78	255	8	5,588	1	-21.8	13.0	1	87	267	13								
		11,746	1	-56.7	15.1	1	96	274	36	13,573	1	-56.2		1	97	271	35	16,128	1	-59.9		1	98	272	25	20,463	1	-57.2		1	92	268	11	9,142	1	-48.5	10.5	1	91	271	25

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
MARCH 1986		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
NORTH AMERICA																	
MEXICO-NORTHERN																	
MAZATLAN CARRASCO	2	1,012		17.6	2.3					1,505	2	16.6	18.1	7	38	322	1
		12,219	2	-54.5		6	96	261	40	14,022	2	-64.1		7	98	261	34
GUADALAJARA	2	847		7.8	6.9					1,560	26	7.8	10.3				
		12,295	3	-54.6		17	97	271	31	14,093	4	-64.7		21	96	267	26
MEXICO-SOUTHERN																	
MANZANILLO	2	1,013		19.5	3.5					1,511	0	18.1	20.3	0	11	214	**
		12,300	0	-55.0		0	96	262	29	14,090	0	-66.1		0	98	268	24
VERACRUZ, YLANG YLANG	2	1,014		19.9	2.6					1,523	1	14.8	6.0	3	14	215	1
		12,308	1	-55.2		1	96	239	30	14,097	1	-66.0		1	95	238	22
MERIDA AEROP. INTL.	2	1,014		19.4	2.4					1,518	0	14.5	10.5	8	45	171	2
		12,279	0	-54.5		2	97	265	32	14,077	0	-65.1		2	96	265	27
SOCORRO IS	2	1,011		20.1	4.6					1,521	2	17.2	17.5	2	48	57	2
		12,309	4	-54.8		5	93	270	29	14,099	4	-65.7		5	96	278	25
MEXICO CITY INT.AP. D.F.	2	782		7.0	10.9												
		12,317	0	-54.4		0	96	263	29	14,112	0	-65.0		1	97	263	23
GUATEMALA																	
GUATEMALA/LA AURORA AP	2	854		12.5	1.9					1,533	0	12.2	2.5	2	92	12	4
		12,350	0	-55.8		4	92	266	14	14,128	1	-67.6		5	90	271	13
ADJACENT ISLANDS																	
KINGSTON/NORMAN MANLEY, JAM.	2	1,015		23.9	5.1					1,529	0	14.8	4.1	2	89	104	7
		12,358	1	-54.8		1	93	261	17	14,145	1	-67.2		1	97	266	15
GRANTLEY ADAMS AP.BARBADOS	2	1,011		25.1	4.6					1,538	0	14.0	3.2	0	94	81	8
		12,406	0	-54.2		0	90	284	11	14,193	0	-67.3		0	81	292	8
PIARCO INT. AP, TRINIDAD	2	1,013		22.9	1.8					1,533	0	16.0	3.5	1	92	82	7
		12,426	1	-54.2		2	76	280	8	14,213	1	-67.7		2	62	292	5
SOUTH AMERICA																	
CHILE																	
ANTOFAGASTA	2	1,001		18.0	2.6					1,501	2	16.5	17.1	2	76	38	3
		12,389	4	-54.5		4	93	273	20	14,174	4	-67.8		4	94	277	18
QUINTERO	2	1,016		12.3	0.5					1,517	0	16.4	22.3	2	58	168	2
		12,232	4	-55.3		4	93	257	28	14,038	4	-61.8		5	96	257	26
EUROPE																	
ICELAND																	
KEFLAVIK	2	983		0.8	3.7					1,187	0	-6.5	3.7	1	43	192	5
		11,202	1	-51.7		1	79	225	15	13,071	1	-51.3		1	83	231	15

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
MARCH 1986	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
NORTH AMERICA																
MEXICO-NORTHERN																
MAZATLAN CARRASCO	3,130	2	7.0	18.0	4	76	263	5	5,808	2	-10.4	15.7	2	94	262	17
	16,439	3	-74.3		9	98	264	23	20,511	6	-65.1		9	47	287	2
GUADALAJARA	3,143	2	8.4	17.7	2	64	249	5	5,836	2	-8.9	16.8	2	92	274	13
	16,501	6	-75.5						20,553	10	-64.6		21	19	279	1
MEXICO-SOUTHERN																
MANZANILLO	3,146	0	8.6	18.2	0	56	245	3	5,840	0	-8.7	18.4	0	90	281	11
	16,475	0	-77.1		0	96	269	16	20,502	9	-65.4		9	38	287	2
VERACRUZ, YLANG YLANG	3,147	1	7.3	11.8	1	37	310	2	5,839	1	-8.1	16.4	1	87	251	11
	16,485	2	-77.5		3	95	239	14	20,517	6	-65.2		6	53	236	2
MERIDA AEROP. INTL.	3,134	0	6.5	15.1	3	58	271	4	5,815	0	-9.5	17.0	1	87	272	12
	16,478	0	-75.6		2	96	265	16	20,532	1	-65.4		2	39	264	2
SOCORRO IS	3,152	2	8.4	16.0	2	49	267	3	5,853	2	-8.7	13.8	3	85	274	10
	16,494	5	-75.5		7	94	282	17	20,527	11	-65.8		12	58	287	3
MEXICO CITY INT.AP. D.F.	3,148	0	7.1	13.5	8	54	251	2	5,841	0	-8.1	17.3	1	90	275	11
	16,508	1	-76.6		1	94	266	14	20,541	2	-66.1		2	41	270	2
GUATEMALA																
GUATEMALA/LA AURORA AP	3,149	0	8.4	15.7	3	71	41	3	5,856	0	-6.6	19.8	3	41	318	2
	16,500	2	-78.1		6	86	286	6	20,535	9	-66.4		10	94	274	5
ADJACENT ISLANDS																
KINGSTON/NORMAN MANLEY, JAM.	3,150	0	6.9	10.8	1	57	86	3	5,856	2	-6.2	19.8	2	60	260	6
	16,517	3	-78.5		3	81	261	10	20,542	4	-66.1		4	55	281	3
GRANTLEY ADAMS AP.BARBADOS	3,159	0	7.9	15.4	0	45	90	2	5,868	0	-5.5	20.0	0	50	55	4
	16,559	0	-78.5		0	63	329	4	20,609	0	-65.6		0	87	306	5
PIARCO INT. AP, TRINIDAD	3,164	0	8.8	11.5	0	40	88	2	5,879	0	-4.9	18.1	0	54	72	4
	16,576	1	-78.6		2	47	344	2	20,629	3	-65.1		4	95	289	8
SOUTH AMERICA																
CHILE																
ANTOFAGASTA	3,141	2	10.5	19.4	2	54	349	2	5,859	3	-5.9	16.9	3	49	288	3
	16,542	4	-77.7		5	74	265	8	20,631	8	-63.8		9	87	108	7
QUINTERO	3,144	0	8.0	21.7	0	84	315	5	5,828	0	-9.9	18.8	0	85	262	10
	16,498	5	-69.3		5	96	260	17	20,701	8	-59.3		8	53	89	2
EUROPE																
ICELAND																
KEFLAVIK	2,679	0	-15.8	7.1	0	54	202	6	5,135	0	-32.2	7.7	0	51	208	8
	15,700	1	-52.6		2	88	239	16	20,159	2	-54.2		4	84	254	16

STATION	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 1986	GPM		°C	°C		%	°	MPS
NORTH AMERICA								
MEXICO-NORTHERN								
MAZATLAN CARRASCO	9,532	2	-38.1	9.8	4	94	264	32
	23,696	7	-56.3		9	35	103	2
GUADALAJARA	9,588	2	-36.0	11.1	9	94	269	25
	23,745	11	-55.4		16	40	79	2
MEXICO-SOUTHERN								
MANZANILLO	9,596	0	-35.9	12.9	0	93	270	24
	23,683	11	-56.0		12	70	95	3
VERACRUZ, YLANG YLANG	9,605	1	-35.2	12.3	1	93	238	24
	23,702	6	-55.5		6	46	40	2
MERIDA AEROP. INTL.	9,571	0	-35.0	13.4	1	95	263	29
	23,719	2	-55.1		3	65	65	3
SOCORRO IS	9,607	4	-36.1	9.0	5	90	275	24
	23,712	12	-56.1		13	42	84	3
MEXICO CITY INT.AP. D.F.	9,606	0	-34.9	12.8	1	95	266	23
	23,719	3	-56.0		5	60	79	3
GUATEMALA								
GUATEMALA/LA AURORA AP	9,642	0	-34.2	15.1	4	82	262	11
	23,712	10	-55.2		12	22	64	1
ADJACENT ISLANDS								
KINGSTON/NORMAN MANLEY, JAM.	9,644	1	-34.0	14.6	1	86	264	15
	23,726	5	-54.8		5	91	67	5
GRANTLEY ADAMS AP.BARBADOS	9,678	0	-32.4	15.3	0	73	302	8
	23,802	4	-54.1		4	58	56	3
PIARCO INT. AP, TRINIDAD	9,696	1	-32.1	14.4	1	58	299	5
	23,821	4	-55.0		7	35	329	2
SOUTH AMERICA								
CHILE								
ANTOFAGASTA	9,665	2	-32.8	15.3	2	85	268	14
	23,836	11	-53.7		12	98	83	13
QUINTERO	9,550	1	-38.6	13.0	2	86	254	19
	23,961	13	-51.5		13	94	77	8
EUROPE								
ICELAND								
KEFLAVIK	8,578	1	-51.3		1	59	217	12
	23,501	6	-54.7		8	68	268	13

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
MARCH 1985																																									
AFRICA																																									
ZIMBABWE																																									
HARARE (BELVEDERE)		857																																							
AUGUST 1985																																									
ASIA																																									
INDIA																																									
PANAMBUR	3	1,004		25.5	1.8																																				
SEPTEMBER 1985																																									
ASIA																																									
INDIA																																									
JODHPUR	3	978		30.9	12.4																																				
GAUHATI	3	999		27.2	2.4																																				
OCTOBER 1985																																									
ASIA																																									
INDIA																																									
SRINAGAR	3									1,511 14,023	9	-60.3																													

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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

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