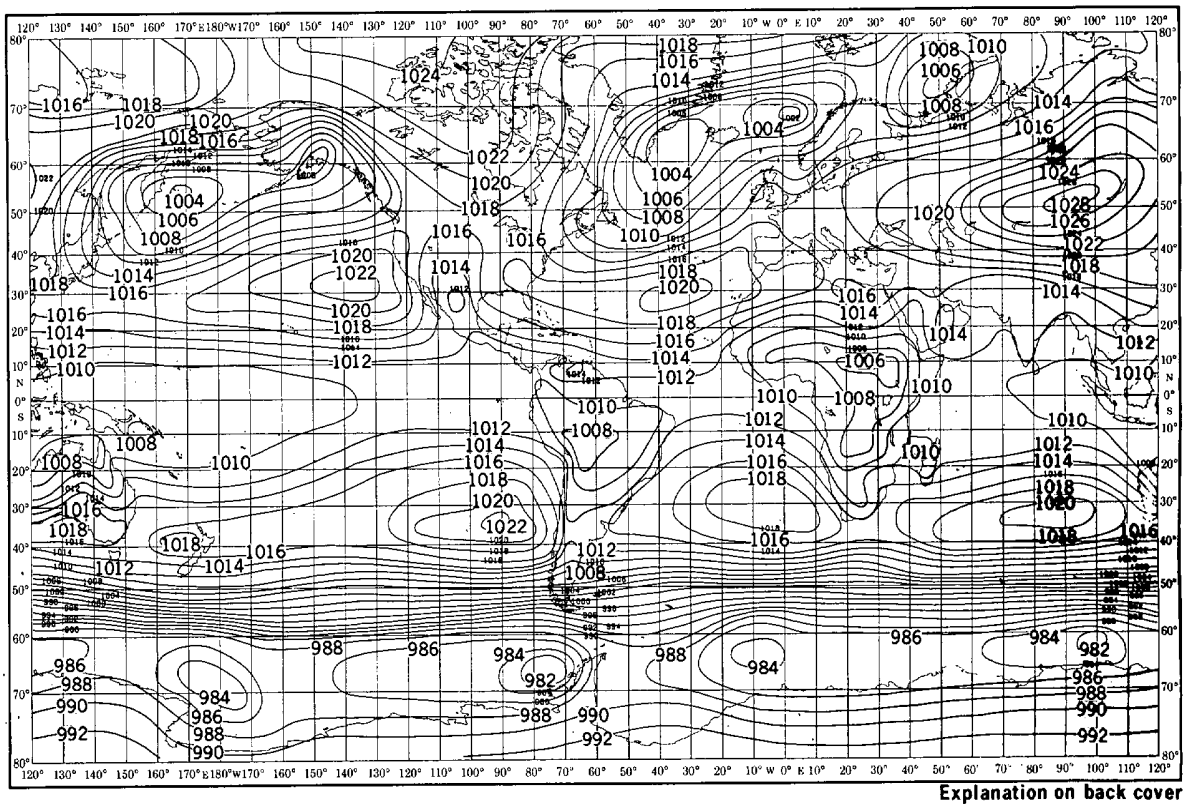
MARCH 1986 VOLUME 39 NUMBER 3

MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE WORLD METEOROLOGICAL ORGANIZATION

MARCH

SEA LEVEL PRESSURE (MBS) - MEANS



Explanation on back cover

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PREFACE

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

REFERENCE NOTES

SURFACE DATA TABLE

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

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

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

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

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

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

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

UPPER AIR DATA TABLE

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

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

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

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

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

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

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

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SURFACE DATA

MARCH 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	31	1020.7	1021.1	-27.6	- 1.0	0.6		1	2	- 2	3	
BARTER ISLAND	70 08 N	143 38 W	15	31	1018.5	1020.6	-28.6	- 1.8	0.4		0	1	- 6	1	
KOTZEBUE	66 52 N	162 38 W	5	31	1016.6	1017.2	-20.5	- 2.4			0	T	- 8		
NOME	64 30 N	165 26 W	7	31	1013.9	1014.7	-14.3	- 0.2	1.5		0	1	- 14	1	175
FAIRBANKS	64 49 N	147 52 W	138	31	993.9	1012.2	-14.4	- 1.3	1.5		3	8	- 2	3	
MCGRATH	62 58 N	155 37 W	103	31	997.6	1011.3	-15.8	- 2.6	1.3		0	T	- 18	1	
BETHEL	60 47 N	161 48 W	46	31	1008.5	1009.6	-10.5	+ 1.3	2.0		0	T	- 20	0	
ANCHORAGE	61 10 N	150 01 W	40	31	998.6	1003.6	- 4.4	+ 0.2	3.0		3	43	+ 26	5	139
ST. PAUL	57 09 N	170 13 W	9	31	1007.8	1008.7	- 6.4	- 1.6	3.3		0	2	- 30	1	
COLD BAY	55 12 N	162 43 W	31	31	999.7	1003.6	- 2.8	- 0.9	4.1		4	14	- 45	1	
KING SALMON	58 41 N	156 39 W	15	31	1002.4	1004.4	- 5.8	+ 1.3	2.6		2	6	- 23	1	
YAKUTAT	59 31 N	139 40 W	9	31	1001.7	1002.7	0.9	+ 2.2	5.7		23	240	- 3	3	
ANNETTE ISLAND	55 02 N	131 34 W	34	31	1003.7	1007.9	6.3	+ 3.0	7.5		24	252	+ 21		
CANADA-WESTERN															
MOULD BAY	76 14 N	119 20 W	12	31	1011.1	1012.8	-33.4	- 0.6	0.2	-0.2	1	3	+ 1	3	101
SACHS HARBOUR	71 59 N	125 17 W	86	31	1006.7	1018.7	-30.1	- 1.7	0.4	-0.2	1	4	+ 1	4	110
CAMBRIDGE BAY	69 06 N	105 07 W	27	31	1010.6	1014.3	-30.3	+ 1.0	0.4	-0.1	2	5	0	3	103
COPPERMINE	67 50 N	115 08 W	22	31	1016.5	1019.7	-27.7	- 0.6	0.5	-0.2	3	10	0	4	124
INUVIK	68 18 N	133 29 W	68	31	1011.0	1020.4	-26.2	- 1.2	0.5	-0.3	2	5	- 7	1	106
NORMAN WELLS	65 17 N	126 48 W	73	31	1009.3	1019.2	-20.1	- 0.3	0.8	-0.4	7	13	0	4	98
WHITEHORSE	60 43 N	135 04 W	703	31	922.2	1008.1	- 7.3	+ 0.9	3.0	+0.4	8	44	+ 30	6	83
FORT NELSON	58 50 N	122 36 W	379	31	966.3	1014.2	- 7.7	+ 2.1	2.5	+0.1	6	15	- 9	2	
FORT SMITH	60 01 N	111 58 W	203	31	989.1	1015.7	-12.4	+ 2.4	2.2	+0.3	6	23	+ 9	5	77
PRINCE GEORGE	53 53 N	122 41 W	691	31	929.5	1012.3	2.9	+ 4.7	5.0	+0.9	9	57	+ 20	5	93
EDMONTON	53 34 N	113 31 W	676	31	932.6	1010.3	1.7	+ 6.7	4.7	+1.3	8	38	+ 19	5	92
EDMONTON STONY PLAIN	53 33 N	114 06 W	766			U									
THE PAS	53 58 N	101 06 W	271	31	981.4	1015.6	- 6.6	+ 4.6	3.1	+0.8	9	36	+ 12	4	98
WINNIPEG INT. AP	49 55 N	97 14 W	240	31	985.7	1015.6	- 4.4	+ 3.8	4.2	+1.0	4	17	- 6	3	107
REGINA	50 26 N	104 40 W	574	31	944.8	1014.9	0.9	+ 8.7	5.1	+1.8	2	9	- 9	2	94
VERNON	50 14 N	119 17 W	555			U									
LETHBRIDGE	49 38 N	112 48 W	920	31	904.7	1013.4	5.0	+ 7.1	5.0	+1.1	3	21	- 3	2	53
SANDSPIT	53 15 N	131 49 W	0	31	1006.1	1006.9	5.9	+ 2.0	8.5	+1.7	24	124	+ 24	4	58
PORT HARDY	50 41 N	127 22 W	22	31	1010.1	1012.7	7.0	+ 2.6	8.3	+1.2	21	170	+ 28	4	90
VANCOUVER INT. AP	49 11 N	123 11 W	0	31	1015.4	1015.7	7.8	+ 2.0	8.9	+1.5	14	112	+ 11	4	78
CANADA-EASTERN															
ALERT	82 30 N	62 20 W	63	31	995.3	1004.6	-36.2	- 3.0	0.2	-0.1	2	6	- 1	3	97
EUREKA	80 00 N	85 56 W	10	31	1004.0	1005.5	-41.9	- 4.5	0.1	-0.2	1	2	0	4	132
RESOLUTE	74 43 N	94 59 W	67	31	995.3	1004.7	-34.1	- 2.7	0.3	-0.1	4	10	+ 7	6	92
CLYDE	70 28 N	68 37 W	25	31	995.9	999.5	-30.4	- 4.0	0.3	-0.3	1	3	- 3	3	123
HALL BEACH	68 47 N	81 15 W	8	31	1002.2	1003.3	-31.5	- 2.0	0.4	-0.3	1	4	- 8	1	
BAKER LAKE	64 18 N	96 00 W	18	31	1012.2	1015.0	-27.9	0.0	0.5	0.0	2	5	- 3	2	92
CORAL HARBOUR	64 12 N	83 22 W	64	31	999.2	1007.9	-27.7	- 2.5	0.5	-0.3	4	13	+ 2	3	108
FROBISHER BAY	63 45 N	68 33 W	34	31	999.4	1004.0	-26.1	- 3.4	0.6	-0.4	3	8	- 15	2	90
CHURCHILL	58 45 N	94 04 W	29	31	1012.9	1016.7	-20.0	+ 0.4	1.3	+0.1	7	29	+ 11	4	83
INOUCDJOUAC	58 27 N	78 07 W	8	31	1011.5	1011.9	-23.1	- 2.5	0.8	-0.5	3	10	+ 1	3	141
FORT CHIMO	58 06 N	68 25 W	37	31	1004.8	1009.8	-22.4	- 4.7	0.9	-0.6	6	21	- 5	3	115
TROUT LAKE	53 50 N	89 52 W	222	31	998.2	1017.0	-13.3	+ 1.2	2.3	+0.3	12	60	+ 38	6	
MOOSONEE	51 16 N	80 39 W	10	31	1014.1	1015.5	-12.3	0.0	2.4	0.0	9	50	+ 12	4	80
KAPUSKASING	49 25 N	82 28 W	229	31	986.5	1015.2	- 7.3	+ 2.1	3.1	+0.4	7	35	- 20	2	
SEPT-ILES	50 13 N	66 16 W	55	31	1005.7	1012.8	- 9.6	- 3.0	2.5	-0.6	9	49	+ 34	2	122
GOOSE	53 19 N	60 25 W	44	31	1003.2	1009.5	-12.9	- 4.3	1.8	-1.0	8	44	- 28	2	129
NORTH BAY	46 22 N	79 25 W	369	31	969.4	1015.3	- 4.4	+ 9.0	3.9	+0.5	14	103	+ 42	5	60
MANIWAKI	46 23 N	75 58 W	170	31	993.4	1014.7	- 3.4	+ 1.7	4.2	+0.5	11	82	+ 31	5	96
TORONTO/MALTON INT AP	43 41 N	79 38 W	176	31	995.0	1016.5	0.6	+ 1.6	5.2	+0.5	10	49	- 12	2	
MONTREAL/DORVAL INT AP	45 28 N	73 45 W	30	31	1011.0	1015.5	- 1.7	+ 0.8	4.5	+0.5	11	61	- 13	2	104
BAGOTVILLE	48 20 N	71 00 W	163	31	994.9	1014.9	- 6.8	- 0.3	3.2	0.0	10	63	+ 11	4	
CHATHAM	47 01 N	65 27 W	34	31	1009.6	1013.8	- 4.1	- 0.8	3.6	-0.4	12	84	- 13	2	118
STEPHENVILLE	48 32 N	58 33 W	26	31	1008.9	1012.2	- 6.3	- 3.5	3.2	-0.9	14	85	+ 4	3	117
GANDER INT AP	48 57 N	59 34 W	147	31	992.0	1011.0	- 5.9	- 2.4	3.2	-0.9	13	86	+ 24	2	152
SHEARWATER	44 38 N	63 30 W	41	31	1008.9	1015.3	- 1.3	- 0.5	4.9	+0.1	9	148	+ 31	5	99
SYDNEY	46 10 N	60 03 W	62	31	1006.4	1014.2	- 4.4	- 1.9	4.2	-0.3	10	141	+ 10	4	122
SHELBURNE	43 43 N	65 15 W	30			U									
SABLE ISLAND	43 56 N	60 01 W	4	31	1015.2	1015.7	0.5	- 0.2	5.6	0.0	17	188	+ 72	6	113
ARGENTIA VTMS NFLD	47 18 N	54 00 W	15	31	1011.7	1013.7	- 2.6	- 2.1	4.4		16	228	+157		
ST. JOHN'S (TORBAY)	47 37 N	52 45 W	140			U									
ST PIERRE AND MIQUELON															
ST PIERRE	46 46 N	56 10 W	5	31	1013.1	1013.7	- 2.8	- 1.9	4.6	-0.2	14	150	+ 57	5	103
UNITED STATES-NORTHWEST															
QUILLAYUTE	47 57 N	124 33 W	62	31	1007.8	1015.4	8.5	+ 2.8	9.6		19	332	+ 46	4	46
PORTLAND	45 36 N	122 36 W	12	31	1011.0	1016.7	10.7	+ 3.0	9.6		12	66	- 26	2	134
OLYMPIA	46 58 N	122 54 W	61	31	1008.8	1016.4	8.4	+ 2.5	8.9		12	58	- 65	1	
MEDFORD	42 22 N	122 52 W	405	31	968.5	1016.4	10.9	+ 3.4	8.6		6	26	- 21	2	
SPOKANE	47 38 N	117 32 W	721	31	946.9	1016.1	6.0	+ 2.9	7.0		6	40	+ 6	4	89
GREAT FALLS	47 29 N	111 22 W	1115	31	885.5	1014.2	6.6	+ 6.9	5.3		1	3	- 21	0	76
SHERIDAN	44 46 N	106 58 W	1209	31	876.7	1014.8	6.6	+ 6.7	5.1		4	27	+ 1	3	103
BISMARCK	46 46 N	100 45 W	506	31	954.0	1015.6	3.8	+ 7.1	5.0		3	6	- 11	1	103
RAPID CITY	44 03 N	103 04 W	966	31	899.8	1014.9	6.1	+ 5.8	5.4		5	22	- 4	3	90
BOISE	43 34 N	116 13 W	871	31	920.4	1016.8	8.9	+ 3.7	6.8		9	51	+ 25	5	79

SURFACE DATA

MARCH 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		%
NORTH AMERICA															
UNITED STATES-NORTHWEST															
WINNEMUCCA	40 54 N	117 48 W	1322	31	867.8	1016.4	7.7	+ 4.0	5.2		5	10	- 7	2	131
ELY	39 17 N	114 51 W	1909	31	808.7	1016.4	5.1	+ 4.3	4.8		7	37	+ 14	5	120
SALT LAKE CITY	40 47 N	111 57 W	1288	31	867.5	1016.3	8.7	+ 3.9	6.2		7	59	+ 15	4	105
GRAND JUNCTION	39 07 N	108 32 W	1475	31	859.1	1015.1	9.4	+ 3.9	4.8		2	6	- 13	2	133
DENVER	39 46 N	104 52 W	1625	31	835.8	1013.0	8.4	+ 5.1	4.0		3	11	- 20	1	93
NORTH PLATTE	41 08 N	100 41 W	849	31	915.2	1015.0	6.8	+ 5.3	5.6		3	18	- 11	3	100
UNITED STATES-NORTHEAST															
INTERNATIONAL FALLS	48 34 N	93 23 W	361	31	971.5	1015.2	- 2.4	+ 4.0	3.7		4	7	- 22	1	
DULUTH	46 50 N	92 11 W	432	31	972.6	1015.1	- 1.9	+ 3.2	3.8		6	22	- 23	2	81
ST. CLOUD	45 35 N	94 04 W	318	31	976.3	1015.6	- 0.8	+ 2.7				24	- 12		
SAULT STE. MARIE	46 28 N	84 21 W	221	31	992.0	1015.4	- 3.4	+ 1.1	4.1		12	105	+ 54	5	79
BURLINGTON	44 28 N	73 09 W	104	31	1001.7	1017.0	0.9	+ 2.5	4.5		11	81	+ 25	5	77
CARIBOU	46 52 N	68 01 W	146	31	990.5	1014.4	- 4.2	+ 0.1	3.1		9	59	- 3	3	
DES MOINES	41 32 N	93 39 W	294	31	984.1	1015.7	5.8	+ 4.1	5.9		6	74	+ 18	4	140
COLUMBIA	38 49 N	92 13 W	274	31	988.2	1016.7	9.0	+ 3.6	6.6		5	29	- 52	1	104
CHICAGO O'HARE	41 59 N	87 54 W	205	31	991.9	1017.0	4.7	+ 2.5	5.8		7	38	- 28	1	
ST. LOUIS	38 45 N	90 22 W	172	31	997.0	1017.7	9.6	+ 3.4	6.2		4	31	- 52	1	128
DAYTON	39 54 N	84 12 W	306	31	985.5	1018.5	5.8	+ 1.6	6.0		8	102	+ 24	4	100
COLUMBUS	40 00 N	82 53 W	254	31	988.9	1019.1	5.8	+ 1.4	6.1		9	66	- 16	3	100
BUFFALO	42 56 N	78 44 W	215	31	988.5	1017.2	2.3	+ 1.7	5.2		9	50	- 26	2	94
NEW YORK LA GUARDIA	40 46 N	73 54 W	9	31	1006.3	1018.2	6.6	+ 1.6	5.8		4	49	- 56	1	
BOSTON	42 22 N	71 02 W	9	31	1012.3	1016.8	4.8	+ 1.2	5.6		8	87	- 18	3	109
BLUE HILL OBS	42 13 N	71 07 W	195	31			3.7	+ 1.9	5.1		8	78	- 42	2	123
CHATHAM	41 40 N	69 58 W	16			U									
WASHINGTON DULLES	38 57 N	77 27 W	98			U									
WASHINGTON NATIONAL	38 51 N	77 02 W	20	31	1015.5	1019.6	8.6	+ 0.9	6.6		3	19	- 69	0	107
UNITED STATES-SOUTHWEST															
SACRAMENTO	38 31 N	121 30 W	8	31	1013.7	1016.2	14.9	+ 3.1	12.8		8	81	+ 29	4	110
SAN FRANCISCO	37 37 N	122 23 W	5	31	1016.6	1017.3	13.9	+ 2.3	12.0		8	148	+ 81	5	
OAKLAND	37 44 N	122 12 W	3			U									
SANTA MARIA	34 54 N	120 27 W	73	31	1008.8	1017.5	13.3	+ 2.0	11.9		7	127	+ 79	5	
SAN DIEGO	32 44 N	117 10 W	9	31	1003.1	1017.1	15.8	+ 0.8	13.0		8	79	+ 39	5	79
LAS VEGAS	36 05 N	115 10 W	664	31	948.7	1014.5	17.2	+ 4.3	6.2		2	8	- 2	4	99
PHOENIX	33 26 N	112 01 W	337	31	975.3	1014.3	20.7	+ 4.8	8.0		6	40	+ 20	5	110
EL PASO	31 48 N	106 24 W	1194	31	886.8	1014.4	13.2	+ 0.4	5.0		2	10	+ 2	4	105
ALBUQUERQUE	35 03 N	106 37 W	1620	31	847.9	1014.1	10.5	+ 2.6	4.3		2	4	- 9	2	97
WICHITA	37 39 N	97 26 W	408	31	967.0	1015.6	11.1	+ 4.4	7.5		6	31	- 20	3	129
OKLAHOMA CITY/W ROGERS WORLD	35 24 N	97 36 W	397	31	973.0	1016.3	13.1	+ 3.6	8.2		4	44	- 8	3	129
NORMAN	35 14 N	97 28 W	362			U									
ABILENE	32 25 N	99 41 W	534	31	954.4	1015.2	15.9	+ 2.8	7.7		2	13	- 15	2	125
SAN ANTONIO	29 32 N	98 28 W	242	31	993.1	1017.5	17.2	+ 0.6	10.5		3	9	- 25	2	149
VICTORIA	28 51 N	96 55 W	36			U									
BROWNSVILLE	25 54 N	97 26 W	6	31	1015.3	1017.1	20.6	+ 0.3	15.5		0	T	- 13	1	140
UNITED STATES-SOUTHEAST															
WALLOPS ISLAND	37 51 N	75 29 W	15			U									
MONETT	36 53 N	93 54 W	407			U									
NORTH LITTLE ROCK	34 50 N	92 15 W	546	31			13.7	+ 2.3	7.5		6	77	- 47	2	163
LONGVIEW	32 21 N	94 39 W	124			U									
NASHVILLE	36 07 N	86 41 W	184	31	1000.0	1019.9	10.4	+ 1.0	7.2		6	58	- 84	1	140
ASHEVILLE	35 26 N	82 32 W	661	31	939.9	1020.0	7.8	- 0.2	6.4		6	70	- 60	1	99
ATLANTA	33 39 N	84 25 W	315	31	977.3	1019.5	12.4	+ 1.0	8.1		4	105	- 45	2	137
WAYCROSS	31 15 N	82 24 W	46			U									
CAPE HATTERAS	35 16 N	75 33 W	3	31	1020.0	1020.4	11.0	+ 0.4	10.3		5	31	- 70	1	101
CHARLESTON	32 54 N	80 02 W	15	31	1018.6	1020.7	14.4	+ 0.7	11.3		3	68	- 43	2	85
NEW ORLEANS	29 59 N	90 15 W	9	31	1018.1	1019.9	15.9	- 0.4	11.8		4	48	- 72	1	
BOOTHVILLE	29 20 N	89 24 W	0			U									
JACKSONVILLE	30 30 N	81 42 W	9	31	1018.9	1020.3	15.9	- 0.4	13.1		7	138	+ 44		132
APALACHICOLA	29 44 N	85 02 W	7			U									
WEST PALM BEACH	26 41 N	80 07 W	7			U									
MIAMI	25 49 N	80 17 W	4	31	1018.5	1019.4	20.3	- 1.8	17.3		12	268	+220	6	
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															
CHOLUTECA	13 18 N	87 11 W	48		1007.8	1013.5	29.0		27.0		0	0			
LA MESA INTL. AIRPORT	15 27 N	87 56 W	31		1011.9	1015.4	25.1		23.4						
LA CEIBA	15 44 N	86 52 W	26		1013.7	1016.7	23.2		25.4		10	542		4	
GUANAJA	16 28 N	85 55 W	2		1015.9	1015.9	26.4		25.6		12	306			
BELIZE															
BELIZE INTL. AIRPORT	17 32 N	88 18 W	5	31	1015.3	1015.8	24.1		24.7		5	91			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	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
NORTH AMERICA															
COSTA RICA															
JUAN SANTAMARIA	10 00 N	84 13 W	939	31	910.8	1012.2	22.5	- 0.3	16.7	-2.0	2	11	- 2	3	105
PUERTO LIMON	10 00 N	83 03 W	3	31	1012.8	1012.8	24.7	- 0.6	26.5	-0.8	13	341	+141	5	95
ADJACENT ISLANDS															
NASSAU INTL.AP BAHAMAS	25 03 N	77 28 W	7	31	1018.1	1018.9	22.0	- 0.1	19.7	-0.4	7	86	+ 56	5	102
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		1015.6	1016.5	24.9		24.1		6	45			90
KINGSTON/NORMAN MANLEY, JAM.	17 56 N	76 47 W	14		1013.8	1015.4	25.9		23.6		2	20		3	95
SAN JUAN/INT., P.R.	18 26 N	66 00 W	19	31	1015.1	1017.2	25.2	- 0.1	23.5			41	- 18	2	118
JULIANA AP, ST. MAARTEN	18 03 N	63 07 W	9	31	1017.9	1018.4	25.3	- 0.2	23.9	+0.1	13	49	+ 9	4	105
RAIZET, GUADELOUPE	16 16 N	61 32 W	8	31	1015.6	1016.5	24.9	+ 0.7	22.4	-0.9	14	59	- 10	3	105
LAMENTIN/MARTINIQUE	14 36 N	61 00 W	4	31	1014.8	1015.6	25.0	+ 0.2	23.9	-0.3	23	106	+ 29	4	102
GRANTLEY ADAMS AP,BARBADOS	13 04 N	59 29 W	56	31	1009.1	1015.6	25.2	- 0.5	24.2	+0.2	9	50	+ 17		92
PIARCO INT. AP, TRINIDAD	10 37 N	61 21 W	15		1012.8	1014.4	25.3		24.7		10	59		5	95
HATO AP,CURACAO	12 12 N	68 58 W	67	31	1012.4	1013.3	26.8	+ 0.2	26.0	-0.1	1	3	- 13	1	106
SAN ANDRES,COLOMBIA	12 35 N	81 43 W	6	31	1013.3	1013.4	26.5		26.3		8	37			
PROVIDENCIA,COLOMBIA	13 22 N	81 21 W	6	31			26.4		25.7		11	62			
DOMINICAN REPUBLIC															
SANTO DOMINGO	18 26 N	69 53 W	14		1015.0	1016.7	24.9		24.2		7	26		2	
SOUTH AMERICA															
VENEZUELA															
LA CANADA(MARACAIBO)	10 31 N	71 39 W	26			U									
GUYANA															
GEORGETOWN	06 48 N	58 09 W	2		1013.1	1013.5	26.9		27.2		8	337		1	120
TIMEHRI	06 30 N	58 15 W	30		1010.4	1013.9	25.0		25.2		9	32			
SURINAM															
ZANDERIJ	05 27 N	55 12 W	15		1010.5	1012.9	25.8		25.7		10	88			
FRENCH GUIANA															
CAYENNE/ROCHAMBEAU	04 50 N	52 22 W	9	31	1012.1	1013.2	26.0	+ 0.5	27.2	-0.3	21	232	-186	2	111
COLOMBIA															
SANTA MARTA/SIMON BOLIVAR	11 08 N	74 14 W	14	31	1008.1	1008.6	28.0		24.9		0	0			
CARTAGENA/CRESPO	10 27 N	75 31 W	12	31	1009.4	1009.6	26.8		27.4		0	0			
BARRANQUILLA/ERNESTO CORTISS	10 54 N	74 46 W	30	31	1008.3	1009.9	27.3		27.3		0	0			
TUMACO/EL MIRA	01 34 N	78 41 W	5	31			25.8		28.1		17	259			
CUCUTA/CAMILO DAZA	07 56 N	72 31 W	317	31	976.2	1011.4	25.3		25.6		3	13			
BARRANCABERMEJA/YARIGUIES	07 01 N	73 48 W	134	31			27.9		26.0		10	144			
BUCARAMANGA/PALONEGRO	07 06 N	73 12 W	1189	31			20.3		20.9		13	119			
PEREIRA/MATECANA	04 49 N	75 48 W	1342	31	865.4		23.9		18.7		18	298			
BOGOTA/EL DORADO	04 42 N	74 08 W	2548	31	753.0		13.0		12.9		9	61			
IPIALES/SAN LUIS	00 49 N	77 38 W	2961	31			10.2		10.7		15	132			
CALI/PALMASECA	03 33 N	76 23 W	969	31	905.8		22.6		20.6		10	149			
VILLAVICENCIO/VANGUARDIA	04 09 N	73 34 W	431	31			26.2		24.2		14	179			
GAVIOTAS	04 33 N	70 55 W	167	31	988.3	1007.5	28.1		24.3		6	53			
NEIVA/LA MANGUITA	02 58 N	75 18 W	443	31	951.5	988.9	26.2		24.5		18	203			
LETICIA/VASQUEZ COBO	04 10 S	69 57 W	84	31	1000.1	1009.6	26.1		28.9		18	348			
ECUADOR															
SAN CRISTOBAL/GALAPAGOS	00 54 S	89 36 W	6	31	1009.9		24.5	- 1.1	29.7	-1.8		106	- 6	2	100
QUITO-BODEGA	00 10 S	78 29 W	2800	31	729.5		13.5	- 0.9	11.5	+1.6	21	153	+ 16		85
IZOBAMBA-SANTA CATALINA	00 22 S	78 33 W	3058	31	707.0		11.2	- 0.4	10.8	+0.3	15	144	- 46		90
NUEVO ROCAFUERTE	00 55 S	75 24 W	215	31			24.9	- 0.7	28.1	+0.7	18	283	+ 44		110
PORT VIEJO-GRANJA	01 02 S	80 26 W	44	31	1005.4		26.1	- 0.1	25.4	+1.4	5	76	- 27	2	90
PICHILINGUE	01 06 S	79 28 W	73	31			24.3	- 1.1	27.4	+0.6	12	200	-258		85
EL PUYO	01 30 S	77 57 W	950	31			20.7	- 0.2	22.7	-0.9	22	272	-161		120
MILAGRO	02 07 S	79 36 W	13	31	1011.9		25.5	- 0.8	27.5	+1.0	11	57	-248		106
CANAR	02 33 S	78 56 W	3120	31			10.8	- 0.5	10.5	+0.6	6	21	- 46		115
LOJA/LA ARGELIA	04 02 S	79 12 W	2040	31			15.7	- 0.3	13.8	-0.2	15	89	- 42		111
BOLIVIA															
COBIJA	11 05 S	68 52 W	252	24			26.1	+ 0.6	20.8	0.0	12	135	- 92	1	
RIBERALTA	11 01 S	66 07 W	135	28		1004.3	28.1	+ 1.2	22.0	+0.7	10	77	-173	0	
SAN JOAQUIN	13 04 S	64 40 W	140	28			26.3	- 0.6	21.3	+0.3	17	164	- 46	3	
MAGDALENA	13 20 S	64 09 W	141	27		1007.8	26.8	- 0.6	22.0	+0.9	5	55	-175	1	
RURRENABAQUE	14 29 S	67 29 W	202	30		1007.1	27.2	+ 0.4	21.4	-0.3	20	222	- 20	3	
TRINIDAD	14 51 S	64 57 W	157	28		1014.8	26.6	- 0.8	21.5	+0.6	17	217	+ 5	4	
SAN IGNACID DE VELASCO	16 22 S	60 57 W	413	28		1006.7	25.9	+ 0.7	20.8	+3.2	15	210	+ 69	5	
SANTA CRUZ	17 48 S	63 10 W	414	30		1010.9	26.2	+ 0.1	20.4	+2.1	22	133	+ 17	4	
ROBORE	18 19 S	59 45 W	265	30		1010.2	27.5	+ 0.1	20.0	+1.3	11	86	- 60	1	
POTOSI	19 32 S	65 43 W	3934	28	641.2		9.4	- 1.0	5.3	-0.1	11	75	+ 21	5	
CAMIRI	20 03 S	63 34 W	810	30		1010	24.3	0.0	19.2	+3.0	13	204	+ 97	5	
VILLA-MONTES	21 16 S	63 30 W	400	22		1017	25.2	- 0.9	18.8	+1.2	8	251	+110	5	
TARIJA	21 32 S	64 43 W	1875	30	814		21.3	+ 1.0	13.2	+1.5	11	101	+ 24	4	
YACUIBA	22 01 S	63 42 W	643	30		1007	23.0	- 1.2	18.1	+1.7	20	352	+181	5	
LA PAZ/ALTO	16 31 S	68 11 W	4071	30	626.7		8.5	0.0	6.1	+0.2	15	83	+ 11	4	

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
SOUTH AMERICA															
BOLIVIA															
ORURO	18 03 S	67 04 W	3702	30	653.4		12.6	0.0	6.6	+1.1	15	88	+ 41	5	
COCHABAMBA	17 27 S	66 06 W	2548	30	949.5		18.3	- 0.7	10.2	+1.2	10	124	+ 61	5	
SUCRE	19 01 S	65 16 W	2903	30	720.7		15.6	- 0.8	9.4	+0.8	14	180	+ 95	6	
PUERTO SUAREZ	19 00 S	57 44 W	135	30		1003.4	28.1	+ 1.0	21.4	+1.4	10	130	+ 16	4	
BRAZIL-NORTHERN															
BOA VISTA	02 49 N	60 39 W	90	31			28.2	0.0	29.5	+3.4	4	72	- 8	3	
S.GAB. DO CACHOEIRA/UAUPES	00 08 S	67 05 W	90	31	999.3	1009.5	26.2	+ 0.6	29.2	+0.8	13	203	- 82	2	
COARI	04 05 S	63 05 W	46	31	1004.2	1009.8	24.1	- 1.3	25.2	-4.2	20	338	+ 57	4	
MANAUS	03 08 S	60 01 W	72	31	1003.0	1011.3	25.5	- 0.3	28.3	-1.3	25	315	+ 14	4	
MANAUS AERO PONTA PELADA	03 09 S	59 59 W	84			U									
BENJAMIN CONSTANT	04 23 S	70 02 W	65	31	1005.0	1012.2	25.2		27.4		13	251		1	
CRUZEIRO DO SUL	07 38 S	72 40 W	170	31	987.0	1006.5	24.1	- 0.3	28.1	+0.4	19	402	+133	5	
PORTO VELHO/AEROPORTO	08 46 S	63 55 W	105	31	1000.9	1007.7	25.2	0.0	29.6	+1.7	20	440	+103	5	
VILHENA /AEROPORTO/	12 44 S	60 08 W	652	31	942.4	1010.2	23.5		26.4		24	342			
RIO BRANCO	09 58 S	67 48 W	136	31			25.4		28.8		26	332			
SAO FELIX DO XINGU	06 38 S	51 58 W	150	31	990.6	1011.2	24.8		27.6		21	352			
BELEM	01 27 S	48 28 W	24	31	1011.5	1012.1	25.1	- 0.3	29.8	+0.1	28	495	+ 59	4	
BELEM/AERO VAL DE CAS	01 23 S	48 29 W	16			U									
SAO LUIZ	02 32 S	44 17 W	51	31	1005.1	1011.2	24.9		29.0		29	733		5	
FORTALEZA	03 44 S	38 33 W	19	31	1008.1	1011.2	25.2		29.2		24	452		4	
NATAL	05 55 S	35 15 W	49			U									
CONCEICAO DO ARAGUAIA	08 15 S	49 12 W	160	31			28.7	+ 3.8			24	366	+110	5	
CAROLINA	07 20 S	47 28 W	192	31	989.5	1013.6	25.1		28.0		20	315			
BARRA DO CORDA	05 30 S	45 16 W	153	31	992.7	1012.6	24.7	- 0.8	28.4	0.0	21	327	+ 99	5	
FLORIANO	06 46 S	43 01 W	123	31	996.6	1012.4	25.2		27.9		19	241			
QUIXERAMOBIM	05 12 S	39 18 W	211	31	986.8	1010.7	25.0	- 2.6	26.6	+0.9	20	246	+ 75	5	
PORTO NACIONAL	10 31 S	48 43 W	250	31	984.9	1012.0	25.7	+ 0.4	26.5	-1.2	16	301	+ 29	4	
BOM JESUS DA LAPA	13 16 S	43 25 W	440	31	961.2	1012.4	25.6		24.5		3	8			
PETROLINA	09 23 S	40 29 W	370	31	969.6	1010.9	25.5		24.4		14	214			
RECIFE /CURADO/	08 03 S	34 55 W	7	31	1010.3	1012.0	26.0	- 0.9	28.2	0.0	23	521	+324	5	
ARACAJU	10 55 S	37 03 W	6	31	1010.4	1011.1	28.9	+ 2.0	26.9	-0.9	25	313	+206	6	
BRAZIL SOUTHERN															
CUIABA	15 33 S	56 07 W	179	31	993.1	1010.3	26.6	+ 0.4	28.2	+0.6	16	262	+ 30	4	
PONTA PORA	22 32 S	55 44 W	650	31	936.2	1011.8	22.8	+ 0.6	22.5	+1.6	10	248	+ 90	3	
CAMPO GRANDE	20 28 S	54 40 W	560	31	952.7	1011.2	24.4	+ 0.6	24.8	+0.9	9	57	- 83	1	
CAMPO GRANDE (AEROPORTO)	20 28 S	54 40 W	567			U									
TRES LAGOAS	20 47 S	51 38 W	313	31	974.6	1009.5	25.6	+ 0.4	25.9	+0.9	11	23	-116	1	
GOIANIA	16 41 S	49 17 W	729	31	929.2	1010.7	24.5	+ 1.6	22.2	-0.8	13	97	- 95	1	
MONTES CLAROS	16 43 S	43 52 W	646	31	940.5	1011.6	24.6		20.6		2	22		2	
BRASILIA	15 47 S	47 56 W	1158	31	887.4	1012.3	21.7		19.3		10	84			
BRASILIA/AEROPORTO/	15 52 S	47 56 W	1061			U									
BELO HORIZONTE	19 50 S	43 56 W	850	31	915.8	1009.0	24.2	+ 1.9	19.9	-0.8	9	79	- 86	1	
CARAVELAS	17 44 S	39 15 W	3	31	1013.1	1013.6	26.5	+ 1.1	22.8	-4.3	11	121	- 62	2	
CORUMBA	19 00 S	57 39 W	130	31	994.1	1011.0	26.8	+ 0.4	29.6	+1.9	8	65	- 54	1	
JUIZ DE FORA	21 46 S	43 21 W	939	31	912.0	1015.1	21.2		21.1		17	274		5	
RIO DE JANEIRO	22 55 S	43 10 W	5	31	1014.2	1014.6	26.5	+ 1.0	28.9	+3.1	9	188	+ 45	4	
GALEAO	22 49 S	43 15 W	6			U									
LONDRINA	23 23 S	51 11 W	566	31	948.2	1012.2	20.3		22.9		12	141			
SAO PAULO	23 30 S	46 37 W	792	31	925.0	1013.1	22.2	+ 0.9	21.3	-0.2	14	33'	+179	6	
SAO PAULO(AEROPORTO)	23 37 S	46 39 W	803			U									
CURITIBA	25 26 S	49 16 W	923	31	912.5	1014.8	19.7	+ 0.4	19.6	+0.6	16	142	+ 18	4	
CURITIBA (AEROPORTO)	25 31 S	49 10 W	908			U									
FLORIANOPOLIS	27 35 S	48 34 W	2	31	1013.7	1013.9	27.0				20	155		3	
ALEGRETE	29 41 S	55 31 W	121	31	999.8	1013.2					12	258	+137	6	
IGUAPE	24 43 S	47 33 W	3	31	1013.2	1013.7	25.0		27.5		18	467		5	
PORTO ALEGRE (AEROPORTO)	30 00 S	51 11 W	3			U									
SANTA VITORIA DO PALMAR	33 31 S	53 22 W	6	31	1011.2	1015.5	19.4	- 1.2	19.0	-0.3	7	112	- 16	3	
CHILE															
ARICA	18 21 S	70 20 W	55	31	1007.0	1014.4	21.0	- 1.0	16.9	-3.7	0	0	0	5	
IQUIQUE/CAVANCHA	20 13 S	70 09 W	8	31	1008.3	1014.5	20.3	- 1.0	16.7		0	0	0	5	
ANTOFAGASTA	23 26 S	70 27 W	140	31	999.7	1013.7	18.8	+ 0.3	16.5	+0.3	0	0	0	5	
ISLA DE PASCUA	27 10 S	109 26 W	69	31	1015.0	1020.6	23.0	- 0.1	20.8	-2.1	8	27	- 86	1	
ISLA ROBINSON CRUSOE	33 37 S	78 50 W	30	31	1016.3	1019.9	17.6	- 0.7	15.1	-0.3	9	104	+ 17	5	
LA SERENA	29 55 S	71 12 W	146	31	998.2	1015.2	15.2	- 1.7	14.8	-0.6	0	0	- 1	4	
QUINTERO	32 47 S	71 32 W	2	31			13.5	- 1.3			0	0	- 2	4	
PUNTA ANGELES	33 01 S	71 39 W	41	31	1009.8	1014.8	14.5	- 2.2	14.0	-0.4	0	0	- 5	3	
VALDIVIA	39 38 S	73 05 W	19	31	1014.5	1016.8	11.9	- 2.6	11.7	-1.5	7	80	- 16	3	
PUERTO MONTT	41 26 S	73 06 W	90	31	1006.5	1016.9	11.4	- 1.9	11.5	-0.7	16	139	+ 10	3	
ISLA GUAFA	43 34 S	74 44 W	140	31		1016.3	11.4	- 0.6	12.0	-0.1					
PUNTA ARENAS	53 00 S	70 51 W	44	31	995.6	1000.0	7.5	- 1.4	7.7	-0.5	5	53	+ 3	4	
ARGENTINA-NORTHERN															
LA QUIACA OBSERVATORIO	22 06 S	65 36 W	3459	31	673.0	3123 Z	11.5	- 0.5	9.7	+2.0	9	63	+ 19	4	
JUJUY AERO	24 23 S	65 05 W	904	31	911.5	1505 Y	20.5	- 0.7	19.6	+3.3	9	96			95
SALTA AERO	24 51 S	65 29 W	1226	31	878.2	1500 Y	18.6	- 0.1	17.9	+0.2	7	32	- 82	1	90
TUCUMAN AERO	26 51 S	65 06 W	450	31	960.2	1011.3	21.8		21.4		9	86			
CATAMARCA AERO	28 36 S	65 46 W	454	31	957.3	1008.2	23.7	+ 0.1	18.7		6	29			
LA RIOJA AERO	29 23 S	66 49 W	429	31	960.7	1009.0	22.1	- 1.5	18.7	-0.1	4	43	- 16	3	105
SAN JUAN AERO	31 34 S	68 25 W	598	31	941.7	1008.2	23.6		13.6	-0.3	1	40			90

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
SOUTH AMERICA															
ARGENTINA-NORTHERN															
CHEPES	31 20 S	66 36 W	658	31	937.1	1009.1	20.9	- 1.4	14.4	-2.1	2	25	- 17	3	
MENDOZA AERO	32 50 S	68 47 W	704	31	933.3	1011.8	20.4	+ 0.3	13.1	-1.4	3	23	+ 2	4	115
MENDOZA OBSERVATORIO	32 50 S	68 51 W	828	31	918.7	1490 Y	19.4	- 0.2	13.3	0.0	3	6	- 22	2	110
SAN LUIS AERO	33 16 S	66 21 W	713	31	931.0	1010.2	20.3	0.0	13.8	-0.4	6	110	- 30	4	105
VILLA REYNOLDS AERO	33 44 S	65 23 W	484	31	957.5	1012.9	18.0	- 1.4	14.2	-1.4	7	104	+ 16	4	100
CORDOBA AERO	31 19 S	64 13 W	474	31	958.9	1012.5	20.0	- 0.3	15.9	-1.6	4	37	- 73	1	90
PILAR OBSERVATORIO	31 40 S	63 53 W	338	31	975.0	1013.9	19.5	- 0.6	16.3	-0.9	4	61	- 33	2	105
RIO CUARTO AERO	33 07 S	64 14 W	421	31	965.0	1013.1	18.9	- 0.7	17.2	+1.3	10	109	- 2	3	100
RIVADAVIA	24 10 S	62 54 W	205	31	986.3	1009.3	24.0	- 1.6	23.5	+5.4	9	146	+ 58	5	
LAS LOMITAS	24 42 S	60 35 W	130	31	997.4	1010.7	24.7	- 0.6	24.0	+1.6	10	177	+ 65	5	100
FORMOSA AERO	26 12 S	58 14 W	60	31	1004.1	1010.9	24.3	- 0.9	24.3	+0.6	12	356	+218	6	100
ORAN AERO	23 09 S	64 19 W	357	31	969.5	1009.9	23.1	- 0.3	24.3	-0.2	15	100	- 31	2	80
SANTIAGO DEL ESTERO AERO	27 46 S	64 18 W	199	31	987.7	1010.5	23.1	- 0.3	19.7	+1.0	2	8	- 72	0	100
PRES. ROQUE SAENZ PENA	26 49 S	60 27 W	92	31	1001.4	1012.1	23.6	- 0.8	22.8	+0.1	11	397	+272	6	100
RESISTENCIA AERO	27 27 S	59 03 W	52	31	1005.8	1011.8	23.5	- 0.7	22.9	0.0	11	485	+330	6	95
CORRIENTES AERO	27 27 S	58 46 W	62	31	1005.1	1012.1	23.3	- 0.9	23.0	+0.4	10	475	+330	6	105
POSADAS AERO	27 22 S	55 58 W	133	31	997.4	1012.6	23.5	- 0.9	23.0	0.0	11	374	+235	6	100
RECONQUISTA AERO	29 11 S	59 40 W	53	31	1006.7	1012.9	22.3	- 0.8	23.0	+0.5	7	186	+ 35	4	80
CERES	29 53 S	61 57 W	88	31	1001.8	1011.9	21.6	- 1.0	18.3	-1.5	5	61	- 73	1	115
PASO DE LOS LIBRES	29 41 S	57 09 W	70	31	1004.7	1012.9	22.1	- 1.3	21.2	+0.7	11	223	+ 79	5	100
PARANA AERO	31 47 S	60 29 W	77	31	1005.3	1014.2	20.7	- 0.8	17.6	-1.4	5	140	- 17	3	95
CONCORDIA AERO	31 18 S	58 01 W	38	31	1010.1	1014.5	21.7	- 0.3	18.3	-1.0	6	162	+ 21	5	
ROSARIO AERO	32 55 S	60 47 W	25	31	1010.3	1013.3	19.1	- 1.7	17.3	-0.9	6	78	- 89	1	100
GUALEGUAYCHU AERO	33 00 S	58 37 W	24	31	1010.7	1013.5	20.4	- 0.9	17.0	-1.0	4	86	- 42	1	70
ARGENTINA-SOUTHERN															
BARILOCHE AERO	41 09 S	71 10 W	840	31	913.8	1480 Y	10.9	- 0.5	7.5	-1.3	5	27	0	4	95
MAQUINCHAO	41 15 S	68 44 W	888	26	913.1	1485 Y	12.6	- 1.0	5.7	-1.8	1	8	- 9	3	
ESQUEL AERO	42 56 S	71 09 W	785	31	912.1	1011.4	11.3	- 0.5	7.4	-0.1	2	12	- 9	2	
SAN RAFAEL AERO	34 35 S	68 24 W	746	31	928.5	1012.1	18.2	- 0.6	10.9	-2.2	0	0	- 37	1	85
LABOULAYE	34 08 S	63 22 W	137	31	998.8	1014.5	18.1	- 1.8	15.6	-0.9	10	153	+ 24	4	100
JUNIN AERO	34 33 S	60 55 W	81	31	1004.6	1014.2	17.3	- 2.2	15.1	-1.6	6	48	- 88	1	95
PUNTA INDIO B.A.	35 22 S	57 17 W	22	31	1011.5	1015.1	18.4		16.6		3	52			95
PEHUAJO AERO	35 52 S	61 54 W	87	31	1004.2	1014.3	17.2	- 1.9	16.0	-0.1	12	245	+125	5	95
SANTA ROSA AERO	36 35 S	64 16 W	191	31	991.9	1014.3	17.1	- 2.2	13.7	-1.2	9	74	- 12	3	100
NEUQUEN AERO	38 57 S	68 08 W	270	31	981.4	1012.9	19.5	+ 1.4	8.3	-2.0	0	1	- 20	1	95
AZUL AERO	36 44 S	59 50 W	132	31	998.6	1014.1	16.0	- 1.7	15.6	-0.6	8	158	+ 36	4	105
EZEIZA AERO	34 49 S	58 32 W	20	31	1012.2	1014.5	19.0	- 1.0	15.7	-1.5	7	39	- 62	1	
AEROPARQUE	34 34 S	58 25 W	6	31	1014.2	1014.7	20.4	- 1.0	17.4	-1.2	5	75	- 29	2	110
BUENOS AIRES/OBS. CENTRAL	34 35 S	58 29 W	25	31	1012.1	1015.0	20.0	- 0.9	16.4	-1.6	4	68	- 49	2	100
DOLORES AERO	36 21 S	57 44 W	9	26	1014.1	1015.1	17.7	- 0.9	16.0	-1.3	7	60	- 33	2	95
MAR DEL PLATA AERO	37 56 S	57 35 W	21	31	1011.9	1014.5	16.5	- 1.5	14.5	-2.0	6	90	- 20	3	70
TRES ARROYOS AERO	38 20 S	60 15 W	115	31	1001.1	1014.7	16.1	- 2.0	12.9	-1.0	7	53	- 40	2	90
PIGUE AERO	37 36 S	62 23 W	304	31	979.3	1014.9	15.2	- 2.1	12.7	-1.1	10	89	- 12	3	90
COMANDANTE ESPORA B.N.	38 44 S	62 10 W	74			U									
BAHIA BLANCA AERO	38 44 S	62 11 W	83	31	1003.9	1013.8	17.3	- 1.5	12.8	+0.7	6	68	- 20	3	125
VIEDMA AERO	40 51 S	63 01 W	7	31	1011.1	1011.9	17.1		10.4	-2.6	3	12			95
SAN ANTONIO OESTE AERO	40 44 S	64 57 W	7	31	1011.3	1012.1	17.9	- 1.2	11.5	+0.1	1	9	- 19	2	50
TRELEW AERO	43 12 S	65 16 W	43	31	1007.0	1012.1	16.1	- 1.4	9.1	+0.4	2	7	- 9	2	95
PASO DE INDIOS	43 49 S	68 53 W		31	958.3	1011.5	14.4		10.6	+3.3	4	20			
COMODORO RIVADAVIA AERO	45 47 S	67 30 W	46	31	1003.5	1009.0	15.0	- 1.1	8.6	-0.6	4	31	- 10	4	55
PUERTO DESEADO AERO	47 44 S	65 55 W	79	26	999.0	1008.5	13.0	- 0.3	10.5	+1.0	3	9	- 6	3	120
GOBERNADOR GREGORES AERO	48 47 S	70 10 W	358	26	962.9	1004.9	12.6	+ 0.5	6.4	-0.1	4	27	+ 12	5	
SAN JULIAN AERO	49 19 S	67 45 W	62	31	998.3	1005.7	12.6	- 0.3	7.9	-0.2	5	12	- 2	3	
LAGO ARGENTINO AERO	50 20 S	72 18 W	220	31	979.7	1005.0	9.8	- 0.9	5.9		2	4	- 12	1	
SANTA CRUZ AERO	50 01 S	68 34 W	111	31	991.0	1004.2	11.1	+ 0.3	8.3	+1.1	3	23	+ 10	5	
RIO GALLEGOS AERO	51 37 S	69 19 W	17	31	1000.7	1003.1	10.0	- 0.4	7.0	-0.6	5	28	+ 13	5	80
RIO GRANDE B.A.	53 48 S	67 45 W	22	31	998.7	1000.9	7.4		7.8		6	19			
USHUAIA	54 48 S	68 19 W	14	31	998.1	998.5	7.1	- 0.7	9.5	+1.5	7	16	- 50	1	
URUGUAY															
SALTO	31 23 S	57 57 W	46	31	1009.9	1013.8	21.6	- 1.3	18.3	+1.1	5	152	+ 32	4	
MELO	32 22 S	54 11 W	93	31	1002.1	1014.0	20.1	- 1.3	17.5	-1.3	6	155	+ 45	4	
PASO DE LOS TOROS	32 48 S	56 32 W	79	31	1005.3	1014.3	20.7	- 1.1	16.1	-2.6	3	73	- 56	2	
MERCEDES	33 15 S	58 04 W	22	31	1012.2	1014.4	21.1	- 1.3	16.1	-2.2	5	109	- 14	2	
TREINTA Y TRES	33 13 S	54 23 W	44	31	1009.2	1014.5	19.9	- 1.6	17.1	-0.1	7	81	- 6	2	
COLONIA	34 27 S	57 50 W	20	31	1011.8	1014.6	19.7	- 1.8	16.5	-2.4	4	47	- 65	1	
MONTEVIDEO/PRADO	34 51 S	56 16 W	22	31	1012.6	1014.6	19.4	- 0.9	16.5	-1.1	4	34	- 65	1	
PUNTA DEL ESTE	34 58 S	54 57 W	16	31	1012.3	1014.6	23.3	+ 2.8	17.4	-1.5	4	13	- 74	0	
ROCHA	34 29 S	54 18 W	22	31	1012.8	1015.0	18.5	- 1.9	17.0	-3.3	9	146	+ 57	4	
ANTARCTICA															
RUSSKAYA	74 42 S	136 51 E	100		970.3	986.4	-10.3		2.3		5	33			
HALLEY BAY	75 30 S	26 39 W	32		988.3	992.3	-14.7		2.0						
NOVOLAZAREVSKAJA	70 46 S	11 50 E			975.4	990.8	- 6.6		1.9		0	0			
MOLODEZNAJA	67 40 S	45 51 E	40		984.2	988.8	- 6.6		2.6		5	38			
LENINGRADSKAJA	69 30 S	159 23 E	300		955.1	991.4	- 8.6		2.7		18	118			
BASE GENERAL BELGRANO II	77 52 S	34 37 W			961.5	993.9	- 9.9		3.1		1	14			
EUROPE															

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	SUN-SHINE: PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
GREENLAND															
NORD	81 36 N	16 40 W	36	31	996.9	1002.0	-31.8	- 0.8	0.3		0	1	- 8		
DANMARKSHAVN	76 46 N	18 46 W	12	31	998.5	1001.1	-23.7	- 0.7	0.5		6	21	+ 8		
DANMARKSHAVN	76 46 N	18 46 W	14			U									
SCORESBYSUND	70 29 N	21 58 W	66			U									
EGEDESMINDE	68 42 N	52 45 W	47	31	989.3	995.5	-15.2	+ 0.5	1.6		5	21	+ 1		
EGEDESMINDE	68 42 N	52 45 W	40			U									
GODTHAB	64 10 N	51 45 W	48	31	991.4	995.0	- 9.8	- 3.5	2.4		4	15	- 10		
ANGMAGSSALIK	65 36 N	37 38 W	52	31	984.0	988.5	- 6.3	+ 0.1	2.8		16	102	+ 8		
ANGMAGSSALIK	65 36 N	37 38 W	50			U									
NARSSARSSUAQ	61 11 N	45 26 W	4			U									
PRINS CHRISTIAN SUND	60 02 N	43 07 W	76	31	979.3	988.9	- 4.7	- 1.9	2.7						
ICELAND															
REYKJAVIK	64 08 N	21 54 W	61	31	979.6	987.1	0.4	- 1.1	5.0	-0.3	18	124	+ 59	5	108
KEFLAVIK	63 58 N	22 36 W	54	31	980.2	986.8	0.5	- 1.1	5.4	0.0	18	120	+ 33		
AKUREYRI	65 41 N	18 05 W	27	31	986.0	989.4	0.2	+ 0.5	5.0	+0.2	11	59	+ 17	4	99
HJARDARNES I HORNAFIROI/HORN	64 17 N	15 13 W	10	31	987.0	988.3	1.4		5.2		16	151			103
UNITED KINGDOM															
LERWICK	60 08 N	01 11 W	84	31	989.0	999.0	4.5	+ 0.6	7.3	0.0	23	126	+ 48	5	89
STORNOWAY	58 13 N	06 19 W	13	31	996.7	998.5	5.5	- 0.2	7.7	-0.3	24	153	+ 90	6	95
TIREE	56 30 N	06 53 W		31	1000.3	1001.4	5.6	- 0.7	7.7	-0.3	25	130	+ 63	6	102
ABERDEEN/DYCE	57 12 N	02 13 W		31	995.0	1002.9	4.4	- 0.1	6.3	-0.8	7	25	- 27	1	127
EDINBURGH AIRPORT	55 57 N	03 21 W		31	1000.1	1004.5	5.2	+ 0.2	6.5	-0.7	12	46	+ 11		150
ESKDALEMUIR	55 19 N	03 12 W		31	976.5	1006.1	3.2	- 0.4	6.6	-0.1	21	188	+ 90	6	97
LEEMING	54 18 N	01 32 W		31	1004.1	1008.2	4.7		6.7		11	49			
BELFAST/ALDERGROVE AP	54 39 N	06 13 W	68	31	996.8	1005.3	5.1	- 0.8	7.2	-0.7	21	62	+ 12	4	123
VALLEY	53 15 N	04 32 W		31	1006.9	1008.3	5.6	- 1.2	7.5	-0.8	16	96	+ 46	5	106
AUGHTON	53 33 N	02 55 W	56			U									
MANCHESTER AIRPORT	53 21 N	02 16 W	75	31	999.8	1009.2	5.3	- 0.6	7.0	-0.6	16	77	+ 32	5	105
BIRMINGHAM AP	52 27 N	01 44 W		31	998.4	1010.5	4.9	- 0.5	6.9	-0.6	13	51	- 4		126
LONDON/GATWICK AIRPORT	51 09 N	00 11 W		31	1005.5	1012.7	5.0		7.2		15	73			
CRAWLEY	51 05 N	00 13 W	144			U									
CARDIFF-WALES AP	51 24 N	03 21 W		31	1003.7	1011.8	5.2		7.6		14	116			
BOURNEMOUTH AP	50 47 N	01 50 W		31	1011.2	1012.6	5.2		7.6		14	69			
PLYMOUTH/MOUNT BATTEN	50 21 N	04 07 W		31	1009.3	1012.8	6.3	- 1.0	8.3	-0.4	15	111	+ 38	4	87
IRELAND															
MALIN HEAD	55 22 N	07 20 W	25	31	999.9	1003.0	5.9	- 0.7	7.5	-0.4	23	124	+ 66		96
BELMULLET	54 14 N	10 00 W	10	31	1002.7	1003.9	5.9	- 1.4	8.0		26	163	+ 90		88
DUBLIN AIRPORT	53 26 N	06 15 W	85	31	996.5	1006.9	6.1	- 0.3	7.4	-0.4	14	65	+ 17		117
SHANNON AIRPORT	52 42 N	08 55 W	20	31	1005.1	1007.5	6.5	- 0.9	8.0	-0.5	20	129	+ 74		108
CORK AIRPORT	51 51 N	08 29 W	162	31	989.0	1008.9	5.7	- 0.9	7.8		20	116	+ 9		
VALENTIA OBSERVATORY	51 56 N	10 15 W	14	31	1006.6	1008.3	7.0	- 1.3	8.6	-0.1	25	182	+ 79	5	77
DENMARK AND FAROE IS															
THORSHAVN	62 01 N	06 46 W	39	31	989.9	992.8	5.0	+ 0.4	8.2		28	251	+137	5	97
THORSHAVN	62 01 N	06 46 W	55			U									
ALBORG	57 06 N	09 52 E	3	31	1011.2	1011.6	1.2	- 0.4	6.1		9	52	+ 26	5	
KOBENHAVN/JAEGERSBORG	55 46 N	12 31 E	40			U									
KOBENHAVN/LANDBOHOJSKOLEN	55 41 N	12 33 E	9	31	1013.5	1014.1	1.6	- 0.3	5.9		9	38	+ 6	4	84
RONNE	55 04 N	14 45 E	16	31	1013.8	1015.8	0.4	- 0.8	5.2		8	27	- 2	3	
NORWAY															
BJORNOYA	74 31 N	19 01 E	14	31	996.7	998.5	- 4.5	+ 2.7	3.9		7	23	- 4	3	
BJORNOYA	74 31 N	19 01 E	18			U									
JAN MAYEN	70 56 N	08 40 W	9	31	992.3	993.1	- 4.4	+ 0.4	3.0		13	46	- 7	3	
VARDO	70 22 N	31 06 E	15	31	1002.5	1004.3	- 1.7	+ 2.3	5.0	+1.0	2	13	- 34	1	
SVALBARD LUFTHAVN	78 15 N	15 28 E	29	31	993.4	997.2	-14.1	+ 1.1	1.4		23	56			
TROMSO/LANGNES	69 41 N	18 55 E	10	31	1000.9	1002.0	0.2	+ 2.5	4.1	+0.1	9	79	+ 4		86
BODO	67 16 N	14 22 E	13	31	1000.9	1002.4	1.3	+ 2.3			10	52	- 28	2	101
BODO	67 15 N	14 24 E	8			U									
ORLAND	63 42 N	09 36 E	7	31	1001.4	1002.5	3.2	+ 2.4	5.4	+0.2	6	19	- 62	1	
ORLAND	63 42 N	09 36 E	10			U									
BERGEN/FLORIDA	60 23 N	05 20 E	36	31	1000.6	1005.1	4.1	+ 1.0	6.2	+0.5	20	227	+110	5	38
STAVANGER/SOLA	58 53 N	05 38 E	9	31	1006.0	1007.2	3.3	+ 1.0	6.5	+0.7	14	91	+ 53	5	
STAVANGER/SOLA	58 52 N	05 40 E	33			U									
OSLO/BLINDERN	59 56 N	10 44 E	96	31	997.4	1009.3	0.4	+ 0.9	5.2	+0.7	11	53	+ 27	5	51
OSLO/GARDERMOEN	60 12 N	11 05 E	204	31	984.2	1009.4	- 0.6	+ 1.7	5.0	+0.8	11	60	+ 28	4	
OSLO/GARDERMOEN	60 12 N	11 06 E	201			U									
SWEDEN															
KARESUANDO	68 27 N	22 30 E	327	31	964.9	1005.4	- 5.9	+ 4.0	3.7	+0.9	9	14	- 3	3	77
HAPARANDA	65 50 N	24 09 E	6	31	1008.9	1009.8	- 2.6	+ 4.8	4.0	+0.7	12	41	+ 17	5	42
STENSELE	65 04 N	17 09 E		31		1007.1	- 2.1	+ 4.7	4.4	+0.9	8	28	+ 7	4	
OSTERSUND/FROSON	63 11 N	14 30 E	366	31	962.4	1007.2	- 0.9	+ 2.6	4.2		4	12	- 10	2	108
HARNOSAND	62 38 N	17 57 E	8	31	1008.5	1009.7	- 0.7	+ 2.1	5.0	+0.7	9	61	+ 29	5	70
SUNDSVALL-HARNOSAND	62 32 N	17 27 E	6			U									
STOCKHOLM/BROMMA	59 21 N	17 57 E	22			U									
KARLSTAD FLYGPLATS	59 22 N	13 28 E	55	31	1006.0	1011.8	- 0.2	+ 1.2	5.4	+0.7	10	63	+ 41	5	50
JONKOPING FLYGPLATS	57 46 N	14 05 E	232	31	985.4	1013.4	0.0	+ 1.5	5.3		11	48	+ 16	4	72
GOTEBORG/SAVE	57 47 N	11 53 E	53	31	1005.9	1012.5	1.6	+ 0.9	5.8	+0.5	12	102	+ 74	6	44
GOTEBORG/LANDVETTER	57 40 N	12 18 E	155			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 ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
SWEDEN															
VISBY FLYGPLATS	57 40 N	18 21 E	47	31	1009.5	1015.9	0.9	+ 0.9	5.4	+0.2	8	40	+ 11	5	110
FINLAND															
SODANKYLA	67 22 N	26 39 E	179	31	986.3	1008.9	- 3.9	+ 5.1	4.1	+1.3	11	29	+ 9	5	33
KAJAANI	64 17 N	27 41 E	136	31	966.1	1013.2	- 1.7	+ 5.0	4.5	+1.3	9	25	+ 1	3	120
JYVASKYLA	62 24 N	25 41 E	145	31	996.0	1014.4	- 1.1	+ 4.3	4.5	+1.0	10	31	+ 5	4	57
VAASA	63 03 N	21 46 E	4	31	1010.0	1011.0	- 0.7	+ 4.0	5.2	+1.3	6	31	+ 16	5	39
JOKIOINEN	60 49 N	23 30 E	103	31	1002.8	1015.9	- 1.0	+ 3.6	4.7	+1.0	9	27	+ 2	3	58
TURKU	60 31 N	22 16 E	59	31	1008.1	1015.5	- 0.8	+ 2.8	5.0	+1.1	10	45	+ 22	5	41
HELSINKI-VANTAA	60 19 N	24 58 E	56	31	1010.2	1017.3	- 1.0	+ 3.1	4.9	+1.2	8	31	+ 2	4	71
FRANCE															
CHERBOURG	49 39 N	01 28 W	138	31	996.7	1013.7	5.6		7.6		16	102			
BREST/GUIPAVAS	48 27 N	04 25 W	103	31	1002.0	1014.7	6.9	- 0.9	8.6	-0.4	20	134	+ 51	5	75
NANTES	47 10 N	01 36 W	27	31	1013.3	1016.6	7.5	- 0.9	8.3	-0.8	12	70	+ 13	4	82
TRAPPES	48 46 N	02 01 E	168	31	994.7	1015.3	5.0	- 1.5	7.0	-0.8	14	74	+ 37	5	95
PARIS/LE BOURGET	48 58 N	02 27 E	65	31	1007.4	1015.5	5.4	- 1.8	7.7	0.0	15	82	+ 50	6	90
NANCY/ESSEY	48 41 N	06 13 E	217	31	990.0	1016.7	3.9	- 1.6	6.6	-0.3	13	91	+ 50	5	66
STRASBOURG	48 33 N	07 38 E	154	31	998.1	1017.1	4.6	- 1.0	6.7	-0.3	8	51	+ 21	5	59
DIJON	47 16 N	05 05 E	227	31	989.5	1017.5	4.2	- 2.7	7.0	-0.2	12	64	+ 22	5	72
BOURGES	47 04 N	02 22 E	166	31	996.6	1017.0	6.1	- 1.5	8.3	+0.5	15	74	+ 30	5	93
LIMOGES	45 52 N	01 11 E	402	31	969.8	1018.3	6.1	- 1.3	7.7	-0.1	14	99	+ 33	5	83
LYON/BRON	45 43 N	04 57 E	201	31	993.7	1018.3	5.9	- 1.8	6.9	-1.0	6	24	- 29	2	89
LYON/SATOLAS	45 44 N	05 05 E	240			U									
BORDEAUX/MERIGNAC	44 50 N	00 42 W	61	31	1011.2	1018.7	8.3	- 1.0	8.7	-0.5	12	51	- 12	3	76
TOULOUSE/BLAGNAC	43 38 N	01 22 E	153	31	1000.7	1019.4	8.7	- 0.3	9.1	+0.1	8	43	- 10	3	87
PERPIGNAN	42 44 N	02 52 E	48	31	1012.5	1018.4	11.2	- 0.1	8.8	-0.5	3	123	+ 57	4	93
NIMES/COURBESSAC	43 52 N	04 24 E	62	31	1010.3	1017.9	10.0	- 0.1	7.7	-0.4	5	28	- 41	1	104
MARSEILLE/MARIGNANE	43 27 N	05 13 E	36	31	1012.6	1017.1	9.9	- 0.1	7.8	-0.9	4	14	- 29	2	99
NICE	43 39 N	07 12 E	10	31	1014.6	1015.9	11.4	+ 0.6	8.4	-1.1	4	35	- 38	2	97
AJACCIO	41 55 N	08 48 E	9	31	1014.9	1015.6	11.0	+ 0.5	10.7	+0.7	6	72	+ 19	4	84
BELGIUM															
UCCLE	50 48 N	04 21 E	104	31	1001.2	1013.5	4.8		7.1		14	126		5	102
LUXEMBOURG															
LUXEMBOURG AP	49 37 N	06 13 E	379	31	969.1	1015.1	3.2	- 0.9	6.0	-0.4	12	134	+ 73	6	90
SWITZERLAND															
SANTIS	47 15 N	09 21 E	2500	31	744.8	2984 Z	- 6.1	+ 0.5	3.1	+0.3	13	152	- 12	3	91
ZURICH/TOWN/VILLE/	47 23 N	08 34 E	569	31	949.7	1018.3	3.5	- 1.0	5.8	-0.2	12	74	+ 8	4	86
GENEVE/COINTRIN	46 15 N	06 08 E	416	31	968.1	1018.5	4.7	- 0.6	6.2	0.0	11	55	- 5	4	82
PAYERNE	46 49 N	06 57 E	491			U									
LUGANO	46 00 N	08 58 E	276	31	983.9	1017.4	7.1	- 0.4	7.0	+0.4	7	45	- 53	2	81
FEDERAL REP OF GERMANY															
SCHLESWIG	54 32 N	09 33 E	48	31	1007.3	1013.3	1.9	- 0.5	6.4	-0.1	13	85	+ 42	5	54
HAMBURG/FUHLSBUTTEL	53 38 N	09 59 E	16	31	1011.9	1013.9	3.5	+ 0.2	6.5	-0.1	13	73	+ 35	5	73
EMDEN-HAFEN	53 20 N	07 12 E	12	31	1011.1	1012.6	3.2	- 0.8	6.6	-0.3	14	52	+ 11	4	72
HANNOVER	52 28 N	09 42 E	54	31	1007.8	1014.5	3.8	+ 0.2	6.6	+0.2	10	60	+ 22	4	82
BERLIN/TEMPELHOF	52 28 N	13 24 E	49	31	1010.0	1016.1	3.8	0.0	6.2	+0.5	7	53	+ 23	4	83
KASSEL	51 19 N	09 29 E	163	31	986.2	1014.8	3.7	- 0.6	6.3	+0.1	14	81	+ 47	6	59
ESSEN	51 24 N	06 58 E	161	31	993.7	1013.5	4.7	- 0.3	6.7	-0.2	14	119	+ 70	6	81
GEISENHEIM	49 59 N	07 58 E		31	1000.4	1015.2	4.9	- 0.7	6.5	+0.2	11	71	+ 41	5	57
NURNBERG	49 30 N	11 05 E	312	31	978.6	1016.8	3.7	- 0.1	6.1	0.0	11	46	+ 11	4	70
STUTTGART/BAD CANNSTATT	48 50 N	09 12 E	315	31	978.6	1016.5	4.7	- 0.5	6.4	0.0	8	34	- 4	3	
MUNCHEN/RIEM	48 08 N	11 42 E	529	31	953.6	1017.6	2.9	- 0.3	6.1	+0.1	11	57	+ 6	3	74
MUNCHEN/OBERSCHLEISSHEIM	48 15 N	11 33 E				U									
KONSTANZ	47 41 N	09 11 E	447	31	963.1	1017.3	3.8	- 1.1	6.0	-0.5	10	53	+ 10	4	97
ZUGSPITZE	47 25 N	10 59 E	2962	31	701.9	2984 Z	- 9.0	+ 0.9	2.8	+0.4	19	120	- 26		114
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	31	983.9	1018.6	3.2	- 0.5	5.4	-0.4	5	27	- 13	3	95
WIEN/HOHE-WARTE	48 15 N	16 22 E	209	31	993.4	1019.0	3.7	- 1.0	5.9	+0.1	3	15	- 30	1	63
SALZBURG-FLUGHAFEN	47 48 N	13 00 E	450	31	964.3	1017.6	3.3	- 0.4	5.6	-0.4	11	69	- 1	3	59
INNSBRUCK-FLUGHAFEN	47 16 N	11 21 E	598	31	945.7	1016.9	4.3	- 0.5	5.7	+0.1	8	38	- 7	3	84
KLAGENFURT-FLUGHAFEN	46 39 N	14 20 E	452	31	964.3	1019.8	1.7	- 1.4	5.2	-0.3	10	72	+ 33	5	59
GRAZ-THALERHOF-FLUGHAFEN	47 00 N	15 26 E	347	31	977.7	1020.1	1.4	- 2.0	5.7	-0.1	10	52	+ 18	5	65
SONNBLICK	47 03 N	12 57 E	3107	31	687.2	3022 Z	- 9.9	+ 1.3	2.5	+0.4	16	108	- 17	3	88
CZECHOSLOVAKIA															
CHEB	50 05 N	12 24 E	471	31	959.4	1017.0	2.3	+ 0.1	6.0	+0.2	12	53	+ 21	5	67
PRAHA/RUZYNE	50 06 N	14 17 E	369	31	972.4	1017.6	2.8	+ 0.1	5.9	+0.2	7	24	+ 1	4	80
PRAHA/LIBUS	50 00 N	14 27 E	304	31	980.3	1017.6	3.9		5.7		8	27			
BRNO/TURANY	49 09 N	16 42 E	246	31	989.0	1019.5	2.8	- 0.9	5.9	+0.3	7	24	+ 3	4	61
OSTRAVA/MOSNOV	49 41 N	18 07 E	256	31	987.5	1019.5	2.4	- 0.5	5.7	0.0	6	20	- 15	2	85
SLIAC	48 38 N	19 09 E	318	31	981.4	1020.8	2.4	- 0.1	5.5	-0.1	6	24	- 21	2	68

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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		%
EUROPE															
CZECHOSLOVAKIA															
POPRAD/TATRY	49 04 N	20 15 E	707	31	935.0		0.8	+ 0.8	5.1	+0.3	5	19	- 15	2	90
POPRAD/GANOVCE	49 02 N	20 19 E	706			U									
HUNGARY															
BUDAPEST/METEOROLOGIA	47 31 N	19 02 E	129	31	1004.4	1020.5	4.4	- 1.2	5.9	-0.4	7	35	- 4	3	90
BUDAPEST/LORINC	47 26 N	19 11 E	139	31	1002.8	1020.3	3.6	- 1.4	6.4	-0.2	6	28	- 10	3	97
DEBRECEN	47 29 N	21 38 E	112	31	1006.1	1020.8	4.6	- 0.3	7.3	+0.9	5	23	- 5	3	138
PECS	46 00 N	18 14 E	203	31	994.7	1020.0	3.0	- 2.0	6.2	-0.5	7	33	- 26	3	99
SZEGED	46 15 N	20 06 E	83	31	1010.4	1020.7	3.8	- 1.4	6.8	-0.1	8	27	- 19	3	100
POLAND															
LEGIONOWO	52 24 N	20 58 E	96			U									
WROCLAW I	51 08 N	16 59 E	116			U									
GIBRALTAR															
NORTH FRONT	36 09 N	05 21 W		31	1012.0	1019.6	14.8	- 0.3	12.1	-0.6	6	61	- 58	2	115
PORTUGAL															
LAJES /ACORES/	38 45 N	27 05 W	54			U									
HORTA/ACORES	38 31 N	28 38 W	62	31	1019.8	1027.3	14.2	- 0.1	12.7	-0.5	13	71	- 51	2	117
PONTA DELGADA/ACORES	37 45 N	25 40 W	36	31	1023.0	1027.4	14.3	- 0.1	13.1	+0.1	9	42	- 63	1	88
SANTA MARIA /ACORES/	36 58 N	25 10 W	100	31	1015.3	1027.8	14.2	- 0.4	14.5	+1.3	7	24	- 58		
PORTO/SERRA DO PILAR	41 08 N	08 36 W	100	31	1009.4	1021.5	10.5	- 1.4	10.3	-0.3	8	69	- 78	2	80
LISBOA	38 43 N	09 09 W	95	31	1011.7	1023.2	13.2	- 0.4	10.5	-1.0	4	28	- 79	1	108
LISBOA/GAGO CONTINHO	38 46 N	09 08 W	105			U									
CAPE VERDE															
SAL	16 44 N	22 57 W	55			U									
MADEIRA															
FUNCHAL	32 38 N	16 54 W	56	31	1016.5	1023.2	15.6	- 0.4	12.4	-0.5	5	47	- 24	3	79
SPAIN															
LA CORUNA	43 22 N	08 25 W	67	31	1012.5	1020.7	11.0	- 0.2	9.7	-0.6	16	77	- 21	2	65
VALLADOLID	41 39 N	04 45 W	696	31	933.3	1020.1	8.3	+ 0.6	4.9	-1.9	6	13	- 31	1	115
MADRID/BARAJAS	40 27 N	03 35 W	582			U									
MADRID	40 25 N	03 41 W	667	31	942.3	1020.2	9.9	+ 0.2	7.0	-0.3	4	22	- 21	2	125
BADAJOZ	38 53 N	06 58 W	195	31	999.6	1020.7	11.1	- 1.8	9.7	-0.3	4	14	- 48	1	125
SEVILLA/TABLADA	37 22 N	06 00 W	14	31	1017.3	1019.0	14.1	+ 0.3	11.2	-0.4	6	74	0	3	125
ALICANTE	38 22 N	00 30 W	82	31	1009.0	1019.0	13.2	- 0.7	9.8	-0.3	5	10	- 14	2	100
PALMA/SON BONET	39 36 N	02 42 E	45			U									
MENORCA/MAHON	39 52 N	04 14 E	82	31	1007.7	1017.7	11.6	- 0.1	14.2	+3.8	9	20	- 29	1	95
ITALY															
UDINE/CAMPOFORMIDO	46 02 N	13 11 E	94			U									
MALTA															
LUQA	35 51 N	14 29 E		31	1008.3	1017.0	13.5				9	39	- 7	4	92
YUGOSLAVIA															
ZAGREB/GRIC	45 49 N	15 59 E	163	31	999.9	1020.2	4.4	- 2.4	6.3		12	74	+ 27	4	72
ZAGREB/MAKSIMIR	45 49 N	16 02 E	128			U									
BEOGRAD	44 48 N	20 28 E	132	31	1003.3	1019.5	5.6	- 0.6	6.9		6	49	+ 3	3	85
BEOGRAD/ZELENO BRDO	44 47 N	20 32 E	243			U									
SARAJEVO	43 52 N	18 26 E	637	31	942.5	1018.9	5.0	+ 0.2	6.3		11	91	+ 32	4	58
SPLIT/MARJAN	43 31 N	16 26 E	128	31	1001.0	1016.6	10.9	+ 0.7	8.5		9	84	+ 31		
TITOGRAD/GOLUBOVCI	42 22 N	19 15 E	33	31	1011.2	1017.6	10.6	+ 0.7	9.5		10	158	+ 22		86
SKOPJE-PETROVAC	41 58 N	21 39 E	239	31	990.2	1019.5	8.1	+ 1.3	8.3		6	35	0	3	
GREECE															
ATHENS/HELLINIKON	37 54 N	23 44 E	15			U									
ROMANIA															
CLUJ-NAPOCA	46 47 N	23 34 E	413	31	970.5	1020.9	4.1	+ 0.8	6.7	+1.1	6	18	- 7		124
BISTRITA	47 09 N	24 31 E	367	31	976.9	1021.9	3.9	+ 0.9	6.8	+0.9	6	29	- 6	3	
IASI	47 10 N	27 38 E	104	31	1011.0	1024.1	2.6	+ 0.1	6.4	+0.7	3	8	- 13	2	69
TIMISOARA	45 46 N	21 15 E	88	31	1010.3	1021.3	5.0	- 0.5	7.3	+0.6	8	33	- 7	3	83
SIBIU	45 48 N	24 09 E	444	31	967.1	1021.3	3.9	+ 0.1	6.0	0.0	3	15	- 13	2	96
BUCURESTI/IMH	44 30 N	26 08 E	90			U									
BUCURESTI/FILARET	44 25 N	26 06 E	82	31	1012.8	1023.1	4.6	0.0	7.0	+0.6	6	16	- 19	2	
SULINA	45 09 N	29 40 E	9	31	1021.8	1022.9	3.0	- 0.5	7.0	+0.5	6	10	- 8	3	58
CONSTANTA	44 13 N	28 38 E	14			U									
TURKEY															
RIZE	41 02 N	40 30 E	4	31	1020.8	1021.3	7.2	- 0.6	7.9	-0.1	10	111	- 77	1	27
SAMSUN	41 17 N	36 20 E	44	31	1021.1	1021.5	6.7	- 0.8	7.8	+1.0	1	9	- 70	0	33
EDIRNE	41 40 N	26 34 E	48	31	1015.3	1021.3	6.5	- 0.3	7.7	+0.2	4	14	- 29	1	27
ISTANBUL/GOZTEPE	40 58 N	29 05 E	40	31	1016.7	1021.5	6.5	- 0.5	8.1	+0.4	2	15	- 46	1	27
BURSA	40 11 N	29 04 E	100	31	1008.3	1020.6	7.9	- 0.1	7.6	+0.1	2	5	- 68	0	27
CANAKKALE	40 08 N	26 24 E	3	31	1019.9	1020.2	7.7	+ 0.2	8.3	+0.4	1	24	- 44		36
IZMIR	38 26 N	27 10 E	25	31	1013.9	1016.9	11.5	+ 0.5	9.4	+0.9	2	32	- 40	1	59
ANTALYA	36 42 N	30 44 E	57	31	1010.2	1015.3	13.2	+ 0.6	10.7	+1.0	1	20	- 66	1	64

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
TURKEY															
KASTAMONU	41 22 N	33 46 E	799	31	925.2	1019.3	5.0	+ 1.2	5.6	-0.1	1	4	- 30	0	55
ANKARA/CENTRAL	39 57 N	32 53 E	894	31	913.4	1016.9	7.7	+ 2.8	5.8	+0.2	4	16	- 21	1	63
SIVAS	39 45 N	37 01 E	1285	31	671.6	1018.8	4.3	+ 2.9	4.8	-0.1	3	9	- 33	0	60
ERZINCAN	39 44 N	39 30 E	1215		879.3	1018.7	5.1	+ 2.1	4.8	-0.3	2	5	- 32	0	60
ERZURUM	39 55 N	41 16 E	1758	31	811.2	1020.9	- 1.3	+ 1.8	3.7	-0.2	2	16	- 19	1	52
MUGLA	37 12 N	28 21 E	646	31	940.5	1016.2	9.9	+ 2.0	9.0	+1.7	1	36	- 84	1	38
AFYON	38 45 N	30 32 E	1034	31	898.7	1017.8	6.7	+ 1.9	6.4	+0.7	4	8	- 41	1	50
ISPARTA	37 45 N	30 33 E	997	31	902.2	1016.9	7.6	+ 2.2	6.3	+0.3	3	10	- 58	0	56
KONYA	37 58 N	32 33 E	1022	31	898.7	1016.7	7.8	+ 2.8	6.2	+0.7	2	12	- 19	1	55
URFA	37 08 N	38 46 E	547	31	950.4	1014.2	12.2	+ 2.4	8.3	+1.0	4	24	- 45		64
MALATYA/ERHAC	38 26 N	38 05 E	849	31	903.9	1018.9	8.4	+ 2.2	6.5	+0.6	1	14	- 32	1	61
DIYARBAKIR	37 53 N	40 11 E	677	31	937.8	1016.7	9.7	+ 1.8	6.5	-0.4	4	49	- 14	3	62
VAN	38 27 N	43 19 E	1661	31	825.3	1017.2	1.6	+ 1.2	4.0	-0.7	7	20	- 28		49
USSR															
MURMANSK	68 58 N	33 03 E	46		1001.7	1008.1	- 2.7		4.2		6	17		4	80
KANIN NOS	68 39 N	43 18 E			1000.4	1006.7	- 3.8		4.3		8	52		5	20
ARKHANGELSK	64 35 N	40 30 E	13		1015.7	1016.8	- 2.5		4.4		6	19		4	70
REBOLY	63 49 N	30 49 E	181		992.2	1015.1	- 2.3		4.5		9	26		4	50
VYTEGRA	61 01 N	36 27 E	59		1013.9	1021.1	- 1.7		4.7		8	26		3	100
LENINGRAD /TOWN/VILLE/	59 58 N	30 18 E	4		1019.5	1020.3	0.9		5.0		10	37		5	120
TALLIN	59 25 N	24 48 E	44		1014.8	1019.1	0.2		5.0		6	17			35
KAUNAS	54 53 N	23 53 E	75		1012.4	1022.3	0.2		5.3		3	12			110
MINSK	53 52 N	27 32 E	234		995.5	1024.7	- 0.3		4.8		6	21		3	
VELIKIE LUKI	56 23 N	30 36 E	98		1011.0	1024.2	- 0.1		4.8		7	22		3	95
VOLOGDA	59 17 N	39 52 E	118		1006.9	1023.5	- 2.6		4.2		7	16		2	100
KIROV	58 39 N	49 37 E	164		1003.4	1024.7	- 2.6		4.0		7	31		4	120
MOSKVA	55 45 N	37 34 E	156		1006.9	1026.6	0.2		4.5		1	7			
KAZAN	55 47 N	49 11 E	64		1011.6	1027.0	- 3.5		4.2		4	10		2	120
VORONEZ	51 42 N	39 10 E	164		1010.0	1029.1	- 1.5		4.6		1	6		1	110
SARATOV	51 34 N	46 02 E	156		1004.1	1030.0	- 4.0		3.8		1	1		1	145
LVOV	49 49 N	23 57 E	325		982.8	1022.4	1.0		5.4		3	12			
KIEV	50 24 N	30 27 E	179		1005.1	1026.3	0.4		5.3		3	11			
HAR KOV	49 56 N	36 17 E	152		1008.6	1028.3	0.3		4.7		0	2			
ODESSA	46 29 N	30 38 E	64		1019.0	1024.3	1.9		6.1		1	3		1	
SIMFEROPOL	45 01 N	33 59 E	205		1000.0	1022.5	3.4		5.7		2	2			150
ROSTOV-NA-DONU	47 15 N	39 49 E	77		1018.4	1026.9	1.4		5.0		0	2		1	70
PJATIGORSK	44 03 N	43 02 E			959.3	1025.2	- 0.1		4.7		2	3		1	
TBILISI	41 41 N	44 57 E	490		972.3	1024.5	5.2		6.5		9	47		4	60
AFRICA															
ALGERIA															
ORAN ES SENIA	35 37 N	00 36 W	94		1008.1	1019.0	12.8		11.6		9	55		4	60
ALGER/DAR EL BEIDA	36 43 N	03 15 E	25		1015.1	1018.1	12.3		11.0		13	151		6	50
BEJAIA	36 43 N	05 04 E	3		1017.7	1018.1	12.8		11.7		13	183			
SKIKDA	36 52 N	06 57 E	9		1016.6	1017.8	13.4		11.9		14	88			
ANNABA	36 50 N	07 49 E	4		1017.5		12.7		11.2		14	105		5	95
MILIANA	36 18 N	02 14 E	722		935.1	1019.0	10.1		8.7		13	122			50
CONSTANTINE	36 17 N	06 37 E	694		937.1	1018.3	9.0		8.8		14	91			
BORDJ BOU ARRERIDJ	36 04 N	04 46 E	928		911.7		6.3		7.5		9	99			
BISKRA	34 48 N	05 44 E	88		1006.5	1017.0	15.9		8.1		4	49			
D JELFA	34 40 N	03 15 E	1178		887.6	1501 Y	7.7		6.8		14	750		1	
ELBAYADH	33 41 N	01 01 E			866.8	1507 Y	7.0		6.4		8	88			60
EL OUED-GUEMAR	33 30 N	06 47 E	63		889.3	1523 Y	9.0		6.0		8	48			65
AIN SEFRA	32 46 N	00 36 W	1058		895.7	1493 Y	10.9		5.9		3	17			70
BECHAR	31 37 N	02 14 W	773		925.3	1519 Y	14.7		4.9		0	0		2	85
GHARDAIA-NOUMERATE	32 23 N	03 49 E	450		963.9	1018.6	14.5		7.1		6	41			70
HASSI-MESSOUD/OUED IRARA	31 40 N	06 09 E	143		1000.3	1018.3	15.6		8.2		3	13		0	
EL GOLEA	30 34 N	02 52 E	398		972.0	1018.7	14.2		7.5		3	39			70
TIMIMOUN	29 15 N	01 07 E	313		980.8	1017.5	16.5		6.4		3	27			70
ADRAR	27 53 N	00 17 W	264		983.9	1016 Y	17.8		5.9						
IN SALAH	27 12 N	02 28 E	293		984.6	1015.8	19.5		7.2		1	4			85
IN AMENAS	28 03 N	09 38 E	562		951.3	1015.6	7.0		5.0		0	T			80
TAMANRASSET	22 47 N	05 31 E	1378		864.1	1518 Y	18.9		4.3		0	T		4	90
DJANET	24 33 N	09 28 E	1054		896.8	1516 Y	19.9		6.2		0	1			85
TUNISIA															
TUNIS CARTHAGE	36 50 N	10 14 E	4	31	1016	1017	13.9	+ 0.4	12.0	+0.6	10	73	+ 30	5	
EGYPT															
MERSA MATRUH	31 20 N	27 13 E	30		1013.3	1016.7	15.9		13.0		1	10			100
CAIRO	30 08 N	31 24 E	74		1006.7	1015.6	18.4		12.4		1	11		5	
HELWAN	29 52 N	31 20 E	141		998.3	1015.2	18.1		12.4		0	0		3	90
ASWAN	23 58 N	32 47 E	194		989.5	1012.0	23.8				0	0			
SENEGAL															
SAINT-LOUIS	16 03 N	16 27 W	4		1012.8	1013.3	23.0		14.0		1	1		5	
DAKAR/YOFF	14 44 N	17 30 W	24		1009.9	1013.2	19.4		17.2		0	T		5	
DIOURBEL	14 39 N	16 14 W	9		1010.9	1011.9	27.0		10.9		0	0		5	
KAOLACK	14 08 N	16 04 W	7		1011.8	1012.6	28.5		12.2		0	0		5	
PODOR	16 39 N	14 56 W	7		1013.2	1014.0	26.6		7.9		0	0		5	

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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															
SENEGAL															
LINGUERE	15 23 N	15 07 W	21		1009.7	1012.0	27.8		10.8		0	0		1	
MATAM	15 39 N	13 15 W	17		1009.8	1011.7	28.6		8.3		0	T		5	
TAMBACOUNDA	13 46 N	13 41 W	50		1005.3	1011.0	29.5		8.1		0	T		5	
KOLDA	12 53 N	14 58 W	10				28.0		9.6		0	0		5	
KEDOUGOU	12 34 N	12 13 W	167		1009.1		30.2		9.2		0	0		4	
MALI															
KIDAL	18 26 N	01 21 E	459		959.1	1009.7	26.7		6.7		0	T		5	95
MENAKA	15 52 N	02 13 E	278		978.1	1008.8	30.7		6.7		1	1		5	90
GAO	16 16 N	00 03 W	260		980.7	1009.5	29.1		5.4		0	0			95
NARA	15 10 N	07 17 W	265		981.1	1010.7	27.3		6.9		0	0		0	
TOMBOUCTOU	16 43 N	03 00 W	264		980.4	1010.0	25.8		5.0		0	0		5	100
MOPTI	14 31 N	04 06 W	272		980.1	1010.1	29.0		7.1		0	0		0	120
NIORO DU SAHEL	15 14 N	09 21 W	237		984.2	1010.9	26.7		4.9		0	0		0	
KAYES	14 26 N	11 26 W	47		1005.7	1011.0	28.8		8.1		0	0		1	105
KITA	13 04 N	09 28 W	334		972.7	1009.5	29.8		6.4		0	0		3	110
BAMAKO/SENOU	12 32 N	07 57 W	381		966.4	1008.2	30.3		8.8		0	0			
SEGOU	13 24 N	06 09 W	289		977.5	1009.4	28.9		9.1		0	0		0	30
SAN	13 20 N	04 50 W	284		978.1	1009.4	29.9		7.1		0	0		3	
BOUGOUNI	11 25 N	07 30 W	351		970.1	1008.5	29.4		9.2		0	0		0	90
NIGER															
BILMA	18 41 N	12 55 E	357		969.9	1009.6	25.9		7.5		0	0		5	90
AGADEZ	16 58 N	07 59 E	502		953.5	1008.6	28.7		5.5		0	0		5	
N GUIGMI	14 15 N	13 07 E	286		975.8	1007.5	30.0		8.3		0	0		5	95
MAINE-SOROA	13 14 N	11 59 E	337		970.0	1007.1	30.6		5.7		0	0		5	90
ZINDER	13 47 N	08 59 E	453		958.2	1007.7	30.3		6.4		0	0		5	100
MAGARIA	12 59 N	08 56 E	403		964.4	1008.9	28.8		8.6		0	0		5	
MARADI	13 28 N	07 05 E	373		966.6	1007.5	30.3		7.9		0	0		5	80
BIRNI-N KONNI	13 48 N	05 15 E	273		977.1	1007.1	31.5		9.5		0	0		5	85
TAHOUA	14 54 N	05 15 E	391		964.9	1007.6	31.2		6.1		0	0		5	95
TILLABERY	14 12 N	01 27 E	210		985.0	1008.3	31.5		10.2		0	0		5	85
NIAMEY-AERO	13 29 N	02 10 E	234		982.5	1007.5	32.0		10.9		0	T		4	90
GAYA	11 53 N	03 27 E	203		983.4	1005.6	33.2		13.0		0	0		4	90
SIERRA LEONE															
LUNGI	08 37 N	13 12 W	27	31	1005.1	1008.0	26.5	- 1.0	24.9	-2.7	1	3	- 13		103
NJALA	08 06 N	12 06 W	56	31	1000.8	1007.0	28.0	+ 0.2	23.6	-4.0	4	15	- 50		94
DARU	07 59 N	10 51 W	186	31	988.1	1009.2	27.8	+ 0.1	24.1	-2.4	6	59			129
LIBERIA															
ROBERTS FIELD	06 15 N	10 21 W	18	31	1009.6	1010.6	26.6	- 0.5	27.4	-0.8	3	51	- 10		
UPPER VOLTA															
OUAGADOUGOU	12 21 N	01 31 W	306		974.3	1007.9	31.0		8.9		1	4		4	95
BENIN															
KANDI	11 08 N	02 56 E	292	31	975.3	1007.3	31.6	+ 0.8	14.5	-0.8	1	18	+ 8	4	
NATITINGOU	10 19 N	01 23 E	461	31	958.1	1008.4	29.7	0.0	17.7	+5.7	2	41	+ 14	4	
PARAKOU	09 21 N	02 37 E	393	31	965.3	1008.5	29.1	- 0.5	22.1	+2.1	2	9	- 34	1	
SAVE	07 59 N	02 26 E	200	31	986.9	1009.2	28.1	- 1.0	25.7	+0.6	4	62	- 19	3	
BOHICON	07 10 N	02 04 E	167	31	990.7	1009.4	27.7	- 1.6	28.5	+1.5	6	70	- 22	2	
COTONOU	06 21 N	02 23 E	9	31	1008.9	1009.9	28.4	- 0.3	30.6	-0.7	3	121	+ 34	4	
TOGO															
MANGO	10 22 N	00 28 E	146		991.4	1007.5	32.0		19.9		2	36		5	
UNITED REP OF CAMEROON															
DOUALA R.S.	04 01 N	09 42 E	15			U									
KENYA															
MOYALE	03 32 N	39 03 E	1113	31			25.4	+ 0.7	17.2	-0.7	4	15	+ 8	1	
ELDORET	00 32 N	35 17 E	2133	31	788.9	1473 Y	18.1	+ 0.3	10.0		5	54	- 6	3	110
NAIROBI/KENYATTA AIRPORT	01 19 S	36 55 E	1624	31	838.0	1497 Y	20.3	- 0.3	14.4	-2.1	8	112	+103		106
GARISSA	00 28 S	39 38 E	147	31	993.1	1009.6	30.9	+ 0.6	23.4	-1.8	3	13	- 14	3	
MALINDI	03 14 S	40 06 E	23	31	1007.2	1009.8	28.4	+ 0.4	28.1	-1.4	2	26	+ 23	4	99
UNITED REP OF TANZANIA															
TABORA AIRPORT	05 05 S	32 50 E	1190		881.3	1491 Y	22.9		20.0		13	116		1	
DODOMA	06 10 S	35 46 E	1120		889.5	1513 Y	24.1		19.8		7	75		2	
SONGEA	10 41 S	35 35 E	1067		897.3	1383 Y	21.9		21.7		22	245		3	
MTWARA	10 16 S	40 11 E	113		998.0	1011.1	26.5		29.7		20	289		4	
DAR ES SALAAM AIRPORT	06 52 S	39 12 E	55		1005.3	1011.9	27.0		29.8		18	196		3	
MWANZA	02 28 S	32 55 E	1140		886.2	1501 Y	23.2		20.3		13	108		2	
ETHIOPIA															
ASMARA	15 17 N	38 55 E	2325	31	771.3		15.2		8.1		4	25			99
GONDAR	12 32 N	37 26 E	1966	31	803.5		22.6		7.4		2	5			
COMBOLCHA	11 05 N	39 43 E	1916	31	815.5		19.6		11.6		6	54			140
DIRE DAWA	09 36 N	41 52 E	1146	31	885.0		25.1		16.2		7	111			115
GORE	08 10 N	35 33 E	1974	31			20.0		13.0		15	82			109
JIMMA	07 40 N	36 50 E	1577	31	829.9		19.2		14.0		12	80			90

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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		%
AFRICA															
RWANDA															
KIGALI	01 58 S	30 07 E	1497		850.5	1499 Y	18.6		2.1		14	90			
ZIMBABWE															
HARARE (BELVEDERE)	17 50 S	31 01 E	1472			U									
ZAMBIA															
KASAMA	10 13 S	31 08 E	1384		862.5	1507 Y	19.9		19.3		17	225		3	90
KABWE	14 27 S	28 29 E	1207		880.4	1508 Y	20.9		19.4		11	81		2	95
LUSAKA CITY AIRPORT	15 25 S	28 19 E	1280			U									
MONGU	15 15 S	23 10 E	1053		895.7	1504 Y	22.4		17.0		12	73		2	105
LIVINGSTONE	17 49 S	25 49 E	987		903.0	1508 Y	22.0		19.6		9	113		4	90
MALAWI															
KAMUZU INT.AP	13 47 S	33 46 E	1229	31	879	1511 Y	20.4		20.0		10	119			
CHILEKA	15 41 S	34 58 E	767	31	936	1521 Y	22.9	+ 0.2	22.0		12	67			46
MADAGASCAR															
DIEGO-SUAREZ	12 21 S	49 18 E	105	31	998.5	1010.6	25.9	- 0.2	27.1	-1.3	15	142	- 40	2	100
TULEAR	23 23 S	43 44 E	8	31	1010.5	1011.3	27.4	+ 0.9	27.5	+1.5	1	37	- 2	4	104
TAMATAVE	18 07 S	49 24 E	6	31	1012.5	1013.1	25.3	0.0	28.8	-1.0	24	698	+187	5	87
ANTANANARIVO/IVATO	18 48 S	47 29 E	1276	31	874.9	1521 Y	19.7	- 0.4	18.1	-0.7	6	144	- 96	2	116
SEYCHELLES															
SEYCHELLES INTERNATIONAL AP	04 41 S	55 32 E	4			U									
OCEAN ISLANDS															
ST. HELENA IS	15 56 S	05 40 W	436		965.2	1015.3	21.5		21.1		0	57			
AGALEGA/MAURITIUS	10 26 S	56 45 E	3		1009.5	1009.8	27.5	0.0	30.1	-0.5	15	113	- 73	2	
ILES GLORIEUSES	11 35 S	47 17 E	3		1011.5	1012.0	28.0		29.3		7	64			
SERGE-FROLOW/ILE TROMELIN	15 53 S	54 31 E	13		1008.5	1009.9	27.4		30.4		16	204			
ST. BRANDON/ST. RAPHAEL/	16 27 S	59 37 E	4		1010.1	1010.4	27.4	- 0.5	30.2	-0.2	15	120	- 37	3	
ILE JUAN DE NOVA	17 03 S	42 42 E	10		1009.9	1011.1	28.4		30.6		4	51			
RODRIGUES/MAURITIUS	19 41 S	63 25 E	59		1006.6	1012.9	26.4	- 0.1	26.8	-1.0	13	75	- 81	1	96
VACOAS/MAURITIUS	20 18 S	57 30 E	425			U									
PLAISANCE/MAURITIUS	20 26 S	57 40 E	57		1007.2	1013.5	25.9	+ 0.3	27.1	-0.8	17	234	- 55	3	97
ST. DENIS/GILLOT, REUNION	20 53 S	55 31 E	25		1010.8	1013.7	25.8		25.1		16	328		4	105
ILE EUROPA	22 19 S	40 20 E	13		1010.9	1012.4	27.3		28.7		4	56		4	100
MARTIN DE VIVIES (ILE AMSTER	37 48 S	77 32 E	29	31	1020.5	1024.0	16.4		13.5		8	36			
ALFRED FAURE (ILES CROZET)	46 26 S	51 52 E	142	31	996.2	1013.5	8.1		9.4		19	216			
PORT-AUX-FRANCAIS/KERGUELEN	49 21 S	70 15 E	30	31	1005.8	1009.5	7.3		7.3		9	19			
SOUTH AFRICA															
PRETORIA/IRENE	25 55 S	28 13 E	1500			U									
ASIA															
USSR-WESTERN															
DRUJNAYA/OSTROV HEJSA/	80 37 N	58 03 E	20		996.6	999.6	-23.6		1.1		16	41			
OSTROV VIZE	79 30 N	76 59 E	18		998.4	999.9	-25.6		0.9		4	13			
MYS CELJUSKIN	77 43 N	104 17 E	13		1002.9	1005.0	-26.7		0.6		7	50			
OSTROV DIKSON	73 30 N	80 14 E	20		998.9	1005.3	-21.8		1.2		11	44			
MYS KAMENNYJ	68 28 N	73 36 E			1008.7	1009.0	-17.3		2.0		10	33			
HOSEDA-HARD	67 05 N	59 23 E	81		1002.2	1013.1	- 8.2		3.2		6	19		4	60
NAR JAN-MAR	67 39 N	53 01 E	7		1010.9	1012.2	- 6.0		3.7		9	28		5	55
SALEHARD	66 32 N	66 32 E	35		1010.8	1012.9	-12.2		2.5		6	17			
TARKO-SALE	64 55 N	77 49 E	27		1009.4	1013.5	-14.0		2.2		13	33			70
HATANGA	71 59 N	102 28 E	24		1007.4	1012.1	-28.8		0.5		1	8			
NJAKSIMVOL	62 26 N	60 52 E	50		1011.7	1018.3	- 4.9		3.2		4	16			
TURUHANSK	65 47 N	87 57 E	32		1007.6	1013.1	-16.8		1.7		15	37		6	110
ESSEJ	68 28 N	102 22 E	271		976.9	1014.3	-27.2		0.7		1	8			70
SYKTYVKAR	61 40 N	50 51 E	96		1005.8	1021.0	- 3.4		3.8		9	40		4	140
HANTY-MANSIJSK	60 58 N	69 04 E	40		1011.4	1017.5	- 6.5		3.1		8	33			
BOR	61 36 N	90 00 E	63		1008.6	1018.2	-11.5		2.3		11	31		6	95
TURA	64 10 N	100 04 E	186		990.8	1015.8	-19.1		1.1		8	16		6	90
ERBOGACEN	61 16 N	108 01 E	278		979.0	1017.5	-16.0		1.0		1	7			
PERM	58 01 N	56 18 E	161		1001.9	1023.9	- 3.9		3.9		5	23			105
SVERDLOVSK	56 48 N	60 38 E	237		988.2	1023.9	- 3.2		3.5		2	7			115
TOBOLSK	58 09 N	68 11 E	44		1014.4	1020.6	- 6.8		3.0		5	12			120
OMSK	54 56 N	73 24 E	94		1008.1	1024.2	- 8.6		2.8		6	17			95
KOLPASEV	58 18 N	82 54 E	76		1009.6	1019.6	- 8.6		2.8		7	21		5	
ENISEJSK	58 27 N	92 09 E	78		1009.6	1020.0	- 8.4		2.7		11	30		5	70
KRASNOJARSK	56 00 N	92 53 E	194		987.0	1022.1	- 5.3		2.6		5	16		6	
BOGUCANY	58 25 N	97 24 E	134		1002.3	1019.5	- 9.0		2.4		5	14		5	25
BRATSK	56 04 N	101 50 E	326		968.8	1021.9	- 8.1		2.4		4	10			
KIRENSK	57 46 N	108 07 E	258		986.7	1020.5	-10.8		2.0		7	12		5	
ORENBURG	51 45 N	55 06 E	109		1013.7	1029.1	- 7.6		2.9		2	3		1	170
KUSTANAJ	53 13 N	63 37 E	171		1006.3	1026.7	- 8.9		2.9		2	7			
TURGAJ	49 38 N	63 30 E	123		1012.1	1028.2	- 9.3		2.3		2	4			
KARAGANDA	49 48 N	73 08 E	555		958.6	1028.6	- 6.4		3.1		4	12			
SEMIPALATINSK	50 21 N	80 15 E	206		1002.9	1028.3	- 5.7		3.1		5	16			
BARNAUL	53 20 N	83 42 E	196		1002.2	1026.3	- 8.5		2.7		8	17		3	105
MINUSINSK	53 42 N	91 42 E	251		993.1	1025.4	- 5.0		2.7		1	22			

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
USSR-WESTERN															
IRKUTSK	52 16 N	104 21 E	485		964.2	1023.5	- 5.6		2.7		2	10		4	110
UST'-BARGUIZIN	53 26 N	108 59 E	457		964.5	1023.6	-10.8		2.1		3	6			
GUREV	47 01 N	51 51 E	-20		1031.3	1028.3	- 1.6		4.0		2	6			
FORT SEVCENKO	44 33 N	50 15 E	-20		1026.9	1026.9	2.4								
SAM	45 25 N	56 12 E	82		1015.8	1027.1	- 2.6		3.8		5	14			
BALHAS	46 54 N	75 00 E	423		983.7	1028.9	- 7.5		3.0		6	23			
KRASNOVODSK	40 02 N	52 59 E	89		1013.8	1024.0	4.9		4.8		4	5			65
ASHABAD	37 58 N	58 20 E	228		996.3	1024.5	5.9		5.9		6	21			40
CARDZOU	39 05 N	63 36 E	193		1000.0	1023.9	5.4		4.2		2	7			60
CIMBAJ	42 57 N	59 49 E	66		1017.6	1025.9	0.0		3.8		2	6			
TAMDY	41 44 N	64 37 E	220		995.6	1025.6	3.0		3.9		3	13			
TASKENT	41 16 N	69 16 E	428		964.6	1023.7	5.4		5.4		8	47		2	
ALMA-ATA	43 14 N	76 56 E	847		923.3	1025.8	0.0		4.8		16	97			
USSR-EASTERN															
OSTROV KOTELNYJ	76 00 N	137 54 E	10		1012.1	1013.2	-28.1		0.5		3	14			105
COKURDAH	70 37 N	147 53 E	48		1010.6	1019.2	-27.9		0.5		0	2			110
OSTROV CETYREHSTOLBOVOJ	70 38 N	162 24 E	6		1015.3	1021.2	-29.1		0.5		0	3			
MYS SMIDTA	68 55 N	179 29 W	7		1020.7	1021.3	-25.3		0.8		0	1			
MYS UZLEN	66 10 N	169 50 W	7		1017.9	1018.9	-20.7		1.1		1	3			
ANADYR	64 47 N	177 34 E	62		1011.6	1020.0	-20.5		1.1		4	8		3	65
KORF	60 21 N	166 00 E	3		1013.9	1014.4	-10.7		2.2		7	27		4	100
OSTROV BERINGA NIKOLSKOE	55 12 N	165 59 E	6		1006.4	1008.2	- 2.0		4.5		13	56		4	105
PETROPAVLOVSK/KAMCATSKIJ	52 58 N	158 45 E	7		1006.1	1009.2	- 2.9		3.7		8	72		2	100
ICA	55 42 N	155 38 E	4		1009.6	1010.5	- 7.6		2.9		8	18		3	95
OHOTSK	59 22 N	143 12 E	6		1015.7	1016.4	-15.2		1.3		0	T			
AJAN	56 27 N	138 09 E	9		1017.3	1018.4	-11.9		1.8		3	8		4	120
NIKOLAEVSK NA AMURE	53 09 N	140 42 E	47		1010.4	1016.5	-12.0		1.9		0	2			
SIMUSIR	46 51 N	151 52 E	26		1007.2	1010.4	- 2.9		4.0		11	30			
JUZNO-SAHALINSK	46 55 N	142 44 E	31		1012.5	1015.2	- 7.2		3.0		4	37			
VLADIVOSTOK	43 07 N	131 54 E	138		994.2	1017.4	- 1.7		3.3		5	24			
OLENEK	68 30 N	112 26 E	127		984.0	1014.3	-25.6		0.6		6	16		6	100
DZARDZAN	68 44 N	124 00 E	45		1010.2	1015.5	-21.4		1.0		6	12			
VERHOJANSK	67 33 N	133 23 E	137		1000.3	1019.7	-29.0		0.5		0	T		0	110
ZYRJANKA	65 44 N	150 54 E	43		1015.2	1021.3	-25.9		0.6		1	1		1	110
UST -OLOJ	66 33 N	159 25 E	125		1003.8	1022.0	-26.4		0.7		8	19		5	
ILIRNEJ	67 20 N	168 14 E	426		974.2	1023.8	-30.3		0.5		0	2		1	
OJMJAKON	63 16 N	143 09 E	726		926.2	1029.8	-35.9		0.3		0	T		0	110
SEJMCAN	62 55 N	152 25 E	207		992.7	1022.1	-25.8		0.7		2	7		2	
KAMENSKOE	62 29 N	166 13 E	106		1015.5	1017.3	-21.1		0.9		6	19		2	80
VILJUJSK	63 46 N	121 37 E	107		1000.9	1016.1	-19.0		1.1		5	15		5	70
SUNTAR	62 09 N	117 39 E	124		998.6	1016.5	-17.4		1.2		2	7		3	90
JAKUTSK	62 05 N	129 45 E	103		1005.4	1019.2	-20.6		1.0		1	6		4	80
ALDAN	58 37 N	125 22 E	682		932.9	1019.7	-14.3		1.2		8	28		6	115
BOGDARIN	54 28 N	113 35 E	995		908.7	1021.9	-12.8		1.5		0	0			
CITA	52 01 N	113 20 E	685		937.4	1021.5	- 8.3		1.9		1	4		4	100
MOGOCA	53 44 N	119 47 E	619		940.6	1020.0	-11.3		1.7		2	4			95
KALAKAN	55 07 N	116 45 E	613		942.8	1022.0	-15.3		1.3		1	3		3	
BOMNAK	54 43 N	128 56 E	357		972.3	1018.9	-11.6		1.7		2	5			
IM. POLINY OSIPENKO	52 25 N	136 30 E	73		1007.9	1017.5	-10.7		1.9		1	3		2	120
BLAGOVESCENSK	50 16 N	127 30 E	137		1000.7	1017.5	- 4.2		2.5		2	8		3	
HABAROVSK	48 31 N	135 10 E	72		1004.5	1016.1	- 5.4		2.8		3	15		5	105
HONG KONG															
ROYAL OBSERVATORY	22 18 N	114 10 E	62	31	1008.2	1015.6	17.6	- 0.9	16.8	-0.8	11	52	- 3	3	93
KINGS PARK	22 19 N	114 10 E	66			U									
MACAO															
MACAO	22 12 N	113 32 E	59		1008.2	1015.2	17.2		16.9		7	61		3	
DEM PEOPLE'S REP OF KOREA															
CHUN GGANG	41 47 N	126 53 E	332		977.3	1017.8	0.3		4.5		5	18		2	
HYESAN	41 24 N	128 10 E	714		930.4	1018.0	- 2.1		3.7		2	7			
KIMCHAEK	40 40 N	129 12 E	23		1015.1	1018.1	0.9		4.8		3	12			
SINUIJU	40 06 N	124 23 E	7		1018.3	1019.2	3.6		4.9		4	7		1	
WONSAN	39 11 N	127 26 E	36			1015.9	3.1		4.9		7	46		4	
PYONGYANG	39 02 N	125 47 E	38		1014.6	1019.4	3.2		5.3		7	18		3	
HAEJU	38 02 N	125 42 E	81		1008.5	1018.5	4.2		5.1		5	26		3	
REPUBLIC OF KOREA															
KANGNUNG	37 45 N	128 54 E	27	31	1015.0	1018.3	4.9	- 0.4	5.0	-0.5	4	15	- 64	1	92
INCHON	37 29 N	126 38 E	70	31	1009.6	1018.4	4.7	+ 1.1	5.7	+0.1	2	31	- 14	3	101
PUSAN	35 06 N	129 02 E	71	31	1009.2	1017.8	7.9	+ 0.2	6.7	+0.2	6	45	- 38	2	112
MOKPO	34 47 N	126 23 E	56	31	1012.4	1019.4	5.9	+ 0.4	7.1	+0.4	5	71	+ 13	5	104
JAPAN															
WAKKANAI	45 25 N	141 41 E	11	31	1012.9	1014.3	- 2.4	- 0.8	4.0	0.0	10	39	- 25	2	
ASAHIKAWA	43 46 N	142 22 E	116	31	999.6	1014.3	- 3.2	- 0.4	3.7	-0.1	15	56	- 6	3	
ABASHIRI	44 01 N	144 17 E	43	31	1008.8	1014.3	- 4.1	- 1.3	3.6	-0.2	13	60	+ 2	3	
SAPPORO	43 03 N	141 20 E	19	31	1011.4	1013.8	- 0.4	0.0	4.3	0.0	15	88	+ 10	4	
NEMURO	43 20 N	145 35 E	26	31	1009.9	1013.3	- 3.4	- 1.3	4.0	-0.2	8	64	- 4	3	
URAKAWA	42 10 N	142 47 E	33	31	1009.1	1013.2	- 0.3	- 0.2	4.5	-0.1	11	47	- 10	3	

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
JAPAN															
AKITA	39 43 N	140 06 E	10	31	1013.9	1015.1	2.8	+ 0.1	5.2	-0.2	13	81	- 26	1	
MIYAKO	39 39 N	141 58 E	47	31	1008.3	1014.2	2.4	- 0.4	4.8	-0.1	7	81	- 15	3	
SENDAI	38 16 N	140 54 E	43	31	1009.6	1014.9	3.8	- 0.4	5.2	-0.1	10	83	+ 11	4	
WAJIMA	37 23 N	136 54 E	6	31	1015.6	1016.4	5.0	- 0.1	6.2	-0.3	23	89	- 56	1	
NIIGATA	37 55 N	139 03 E	6	31	1015.2	1016.0	5.3	+ 0.4	6.0	-0.3	16	121	+ 12	4	
KANAZAWA	36 33 N	136 39 E	28	31	1013.4	1016.8	5.9	- 0.1	6.2	-0.6	15	105	- 61	1	107
MATSUMOTO	36 15 N	137 58 E	611	31	942.1	1015.5	2.5	- 0.7	4.9	-0.1	9	87	+ 21	4	
MAEBASHI	36 24 N	139 04 E	113	31	1001.1	1015.0	5.8	- 0.7	5.2	-0.3	7	118	+ 67	6	
NAGOYA	35 10 N	136 58 E	56	31	1008.6	1015.4	7.8	+ 0.3	6.5	-0.1	9	147	+ 49	5	
TATENO	36 03 N	140 08 E	31			U									
CHOSHI	35 43 N	140 51 E	28	31	1010.5	1013.9	7.2	- 1.7	7.4	-0.5	15	253	+115	6	
OMAEZAKI	34 36 N	138 13 E	47	31	1007.7	1013.3	9.3	- 0.1	7.7	-0.5	9	170	+ 15	3	
TOKYO	35 41 N	139 46 E	36	31	1009.8	1014.2	7.8	- 0.6	6.2	-0.4	11	188	+ 86	5	90
HACHIJOJIMA	33 06 N	139 47 E	80	31	1003.5	1013.2	12.2	- 0.2	10.1	-0.3	17	420	+178	5	
HACHIJOJIMA/OMURE	33 07 N	139 47 E	153			U									
YONAGO	35 26 N	133 21 E	8	31	1016.4	1017.4	6.5	- 0.4	7.0	-0.3	16	122	0	4	
HIROSHIMA	34 22 N	132 26 E	30	31	1013.5	1017.2	7.8	0.0	7.2	-0.1	9	78	- 23	2	
OSAKA	34 41 N	135 31 E	50	31	1010.4	1016.6	8.3	0.0	7.1	0.0	10	134	+ 34	4	
SHIONOMISAKI	33 27 N	135 46 E	75	31	1005.9	1015.0	10.3	- 0.4	8.2	-0.3	12	240	+ 74	4	
IZUHARA	34 12 N	129 18 E	22	31	1015.0	1017.8	8.5	- 0.2	7.7	+0.1	8	90	- 37	2	
FUKUOKA	33 35 N	130 23 E	14	31	1015.6	1017.4	9.4	+ 0.1	8.2	+0.1	10	105	+ 11	3	
OITA	33 14 N	131 37 E	13	31	1015.7	1017.3	8.5	- 0.2	7.6	-0.4	10	144	+ 57	5	
NAGASAKI	32 44 N	129 52 E	35	31	1012.9	1017.2	9.8	- 0.3	8.4	-0.2	12	128	+ 24	4	
KAGOSHIMA	31 34 N	130 33 E	5	31	1016.0	1016.6	11.5	+ 0.3	9.5	-0.2	20	112	- 35	3	
KAGOSHIMA/YOSHINO	31 38 N	130 35 E	283			U									
MIYAZAKI	31 55 N	131 25 E	7	31	1015.1	1016.0	11.1	+ 0.1	9.2	-0.5	10	205	+ 72	5	
KOCHI	33 33 N	133 32 E	18	31	1013.7	1015.8	9.8	- 0.3	7.7	-0.5	13	172	+ 19	4	103
SHIMIZU/ASHIZURI	32 43 N	133 01 E	33	31	1011.7	1015.7	11.6	- 0.3	8.9	-0.1	14	261	+113	5	
NAZE	28 23 N	129 30 E	7	31	1015.8	1016.7	16.1	- 0.5	13.1	-0.6	14	218	+ 32	4	
NAZE/FUNCHATOGE	28 23 N	129 33 E	295			U									
ISHIGAKIJIMA	24 20 N	124 10 E	7	31	1015.9	1016.7	19.1	- 1.1	16.9	-2.0	9	52	- 70	1	
MIYAKOJIMA	24 47 N	125 17 E	41	31	1012.1	1017.0	18.1	- 1.3	16.4	-1.7	11	105	- 30	2	
NAHA	26 14 N	127 41 E	36	31	1012.7	1017.0	17.1	- 0.9	14.7	-1.2	14	228	+ 84	5	
MINAMIDAITOJIMA	25 50 N	131 14 E	15	31	1014.8	1016.8	18.2	- 0.6	15.5	-1.0	13	144	+ 60	5	
CHICHIJIMA	27 05 N	142 11 E	4			U									
MINAMITORISHIMA	24 18 N	153 58 E	9			U									
ISRAEL															
BET DAGAN	32 00 N	34 49 E	30			U									
BEN GURION INT AP	32 00 N	34 54 E	49	31	1009.7	1014.5	15.4		11.6		4	23		2	107
JERUSALEM	31 47 N	35 13 E	809	31	928.1	1486 Y	12.1		9.2		3	17		1	108
EILAT	29 33 N	34 57 E	13	31	1012.3	1013.4	20.9		9.3		1	3		1	108
JORDAN															
H-4 'IRWAISHED'	32 30 N	38 12 E	688	31	935.2	1013.0	14.3	+ 0.9	7.7	+0.8	0	0	- 11	1	102
MAFRAQ	32 22 N	36 15 E	687			U									
AMMAN AIRPORT	31 59 N	35 59 E	768	31	924.8	1013.7	13.4	+ 1.7	8.9	+0.9	1	6	- 38	1	95
MA'AN	30 10 N	35 47 E	1070	31	893.6	1510 Y	12.9	+ 0.3	7.6	+0.7	1	5	- 1	4	104
KUWAIT															
KUWAIT INTL AIRPORT	29 13 N	47 59 E	55	31	1007.8	1014.5	19.2	- 0.4	10.9	+0.5	5	20	+ 8		104
SAUDI ARABIA															
WEJH	26 12 N	36 28 E	21		1009.0	1011.4	22.6		15.2		0	0			
YENBO	24 09 N	38 07 E	8		1009.3	1010.0	24.9		16.6		0	0			
JEDDAH (KING ABDULAZIZ) AP	21 40 N	39 09 E	18		1007.7	1008.5	26.0		19.4		0	0			
MAKKAH	21 29 N	39 50 E	310		982.7	1017.7	28.1		20.1						
RAFHA	29 38 N	43 29 E	447		961.9	1013.2	18.4		9.5		4	40			
AL-JOUF	29 48 N	40 04 E	559		935.9	1014.2	16.2		6.6		2	13			
GIZAN	16 54 N	42 35 E	3		1008.3	1008.6	28.3		26.0		8	85			
ARAR	30 54 N	41 08 E	552		950.3	1013.7	15.7		9.0		6	28			
TURAIF	31 41 N	38 40 E	818		920.9	1013.5	14.1		6.6		0	0			
GURIAT	31 25 N	37 16 E	504		955.4	1013.6	15.7		7.2		0	0			
HAIL	27 26 N	41 41 E	1001		901.8	1014.2	16.3		7.1		4	25			
MADINAH	24 33 N	39 42 E	636		939.3	1009.6	24.3		8.4		3	12			
TAIF	21 29 N	40 33 E	1454		855.0		20.1		22.0		3	16			
KHAMIS MUSHAIT	18 18 N	42 48 E	2057		797.5	1008.7	17.0		13.1			629			
ABHA	18 14 N	42 39 E	2093		793.1		16.4		11.8		5	107			
BISHA	19 59 N	42 37 E	1163		883.9	1501 Y	23.3		10.8		4	140			
AL BAHA	20 18 N	41 38 E	1662		836.1	1517 Y	20.0		10.8		3	17			
RIYADH	24 43 N	46 43 E	611		942.8	1011.3	21.0		10.9		4	17			
KING KHALED INT AP	24 56 N	46 43 E	612		944.4	1013.6	19.7		8.5		4	22			
GASSIM	26 17 N	43 51 E	650		938.5	1011.8	19.0		8.8		5	240			
QAISUMAH	28 20 N	46 07 E	360		971.7	1013.1	18.4		1.0		15	42			
DHAHRAN	26 16 N	50 10 E	17		1010.9	1012.9	20.3		14.3		5	15			
NEJRAN	17 37 N	44 26 E	1210		880.1	1510 Y	23.3		10.9		3	267			
OMAN															
SUR	22 35 N	59 30 E	6		1012.6	1013.3	25.3		20.7		1	2			
SEEB INTERNATIONAL AP	23 35 N	58 17 E			1011.3	1012.9	24.6		18.5		1	3			
MASIRAH	20 40 N	58 54 E			1010.9	1013.1	25.0		21.8		0	0			
SALALAH	17 02 N	54 05 E	22		1009.7	1012.4	26.3		20.6		0	3			

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	° '	° '	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
OMAN															
THUMRAIT	17 44 N	53 56 E			962.2		25.2		11.3		0	0			
BAHRAIN															
BAHRAIN MUHARRAQ	26 16 N	50 37 E	2	31	1013.9	1014.1	20.7	- 0.5	16.3	-0.6	2	8	- 3	3	
UNITED ARAB EMIRATES															
ABU DHABI BATEEN AP	24 26 N	54 28 E	3	31	1012.8	1013.3	22.2	- 0.3	15.7	-1.0	0	T	-128	1	74
ABU DHABI INT AIRPORT	24 26 N	54 39 E	27	31	1010.1	1012.9	22.1		15.0		0	T			
DEMOCRATIC YEMEN															
ADEN KHORMAKSAR	25 50 N	45 02 E	3		1011.6	1011.9	27.1		28.5		0	T			
QATAR															
DOHA INTERNATIONAL AP	25 15 N	51 34 E	10		1012.6	1013.5	21.1		14.1		2	6			
AFGHANISTAN															
MAZARI-SHARIF	36 42 N	67 12 E	378	31	976.0	1022.0	7.8	- 3.0	7.2	-1.7	7	31	- 13	2	99
KABUL-AIRPORT	34 33 N	69 13 E	1791	31	819.6	1494 Y	5.8	- 0.5	5.3	-0.5	12	120	+ 52	5	99
KANDAHAR-AIRPORT	31 30 N	65 51 E	1010	31	900.8	1016.0	12.0	- 1.9	8.7	+1.1	7	55	+ 14	5	93
CHAKHCHARAN	34 32 N	65 16 E	2230	31	773.8	1459 Y	0.3	- 1.3	4.1	-0.5	13	60	+ 20	5	74
PAKISTAN															
SARGODHA	32 03 N	72 40 E	188			U									
BANGLADESH															
CHITTAGONG AMBAGAN	22 21 N	91 49 E	14			U									
INDIA															
SRINAGAR	34 05 N	74 50 E	1587	31	841.2	1502 Y	7.7	- 0.8	7.5	-0.4	11	189	+ 85	5	97
AMRITSAR	31 38 N	74 52 E	234	31	984.5	1011.5	17.7	- 1.8	15.1	+2.3	6	20	- 5		100
MUKTESWAR KUMAON	29 28 N	79 39 E	2311	31	772.3	3119 Z	9.8	- 1.3	7.3	+1.4	7	35	- 10	3	
BIKANER	28 00 N	73 18 E	224	31	985.6	1010.8	23.1	- 0.4	8.6	-0.5	2	3	- 3	3	
NEW DELHI/SAFDARJUNG	28 35 N	77 12 E	216	31	985.7	1010.4	22.5	- 0.4	13.2	+3.2	4	12	- 5	3	103
AGRA	27 10 N	78 02 E	169	31	990.8	1010.0	24.1	+ 0.3	12.7	+2.3	1	11	0	4	
DARJEELING	27 03 N	88 16 E	2128	31	788.3	1488 Y	13.0	+ 1.8	8.8	-1.1	4	20	- 33	2	
DIBRUGARH/MOHANBARI	27 29 N	95 01 E	111	31	997.9	1010.5	21.2	+ 0.6	16.9	-0.8	9	64	- 36	2	
JODHPUR	26 18 N	73 01 E	224	31	985.0	1009.5	25.3	+ 0.1	7.3	-0.8	0	0	- 2	3	
LUCKNOW/AMAUSI	26 45 N	80 53 E	128			U									
DARBHANGA	26 10 N	85 54 E	49	31	1003.1	1008.7			16.6	+1.3	0	0	- 10	2	
GAUHATI	26 06 N	91 35 E	54	31	1002.7	1008.9	23.6	+ 1.3	14.1	-3.5	1	5	- 48	1	
KOTA AERODROME	25 09 N	75 51 E	274	31	979.5	1009.8	25.8	- 0.2	9.5	+1.7	1	1	- 6		
ALLAHABAD/BAMHRAULI	25 27 N	81 44 E	98	31	998.6	1009.7	24.9	- 0.2	13.2	+2.5	0	0	- 14	2	73
CHERRAPUNJI	25 15 N	91 44 E	1313	31	868.9	1500 Y	16.8	+ 0.1	10.7	-2.3	5	54	-125	2	
DALTONGANJ	24 03 N	84 04 E	221	31	983.5	1009.2	24.7	+ 0.2	12.5	0.0	1	2	- 19	2	
SAGAR	23 51 N	78 45 E	551	31	948.5	1009.3	25.3	- 0.2	10.3	+2.0	2	21	+ 11	5	
INDORE	22 43 N	75 48 E	567	31	946.8	1008.9	25.5	+ 1.0	8.1	-0.4	0	0	- 3	3	
CALCUTTA/ALIPORE	22 32 N	88 20 E	6	31	1008.6	1009.8	28.4	+ 0.5	18.7	-2.4	1	1	- 26	1	80
CALCUTTA/DUM DUM	22 39 N	88 27 E	6			U									
NAGPUR/SONEGAON	21 06 N	79 03 E	310	31	974.9	1009.1	27.9	+ 0.2	13.3	+1.2	0	1	- 21	2	95
AKOLA	20 42 N	77 02 E	282	31	977.4	1008.5	29.7	+ 1.4	10.8	+1.0	0	0	- 7	3	
BHUBANESWAR	20 15 N	85 50 E	46	31	1004.9	1009.5	28.6	- 0.1	23.1	+0.1	1	7	- 14		
BOMBAY/SANTACRUZ	19 07 N	72 51 E	14			U									
JAGDALPUR	19 05 N	82 02 E	553	31	948.7	1008.9	26.9	+ 0.4	15.3	+1.6	1	2	- 15	2	
BOMBAY/COLABA	18 54 N	72 49 E	11	31	1008.6	1009.8	27.3	+ 0.4	24.9	+1.2	0	0	0	4	98
POONA	18 32 N	73 51 E	559	31	947.6	1008.7	25.8	+ 0.1	11.7	+0.7	0	0	- 3	4	107
HYDERABAD AIRPORT	17 27 N	78 28 E	545	31	949.1	1008.2	29.1	+ 1.9	16.3	+0.2	0	0	- 13	2	100
VISHAKHAPATNAM	17 43 N	83 14 E	3	31	1009.9	1010.3	28.7	+ 0.6	25.6	-2.3	0	3	- 6	3	
MACHILIPATNAM (FRANCHPET)	16 12 N	81 09 E	3	31	1009.9	1010.1	27.0	- 0.1	28.2	+0.9	0	0	- 9	4	
GOA/PANJIM	15 29 N	73 49 E	60	31	1002.7	1009.4	28.0	+ 0.4	27.5		0	0	- 1	5	
BELGAUM/SAMBRA	15 51 N	74 37 E	747	31	927.1	1007.7	27.4	+ 0.9	14.3	0.0	1	13	- 2		
MADRAS/MINAMBAKKAM	13 00 N	80 11 E	16	31	1008.4	1010.1	28.1	+ 0.2	27.6	+1.1	0	0	- 15	3	95
PANAMBUR	12 57 N	74 50 E	31			U									
BANGALORE	12 58 N	77 35 E	921	31	909.3	1512 Y	26.5	+ 0.8	14.9	+1.3	0	0	- 6	2	95
KOZHIKODE	11 15 N	75 47 E	5	31	1008.9	1009.5	29.2	+ 0.5	29.3	+0.3	1	3	- 18	3	
PORT BLAIR	11 40 N	92 43 E	79	31	1001.4	1010.2	27.1	- 0.4	26.5	-0.2	0	0	- 16		87
COCHIN/WILLINGDON	09 57 N	76 16 E	3			U									
PAMBAN	09 16 N	79 18 E	11	31	1008.5	1009.9	28.7	+ 0.8	28.9	-0.4	3	12	- 12	4	
MINICOY	08 18 N	73 09 E	2	31	1009.3	1009.5	28.9	+ 1.2	29.8	+0.4	3	34	+ 18	5	
TRIVANDRUM	08 29 N	76 57 E	64	31	1002.1	1009.3	28.7	+ 0.4	27.9	0.0	1	2	- 42	1	86
MONGOLIA															
ULAN-GOM	49 48 N	92 05 E	936		914.2	1035.3	-17.8		1.4		0	T			
ULGI	48 58 N	89 58 E	1714		825.0	1024.1	- 6.7		3.5						
MUREN	49 38 N	100 10 E	1288		871.2	1023.6	- 4.0		2.0		0	0			
BULGAN	48 48 N	103 33 E	1210		877.0	1023.4	- 8.6		1.9		6	6			
CHOIBALSAN	48 04 N	114 30 E	756		929.1	1020.9	- 4.4		2.0		1	3			
ALTAI	46 24 N	96 15 E	2147		780.1	1025.4	-11.0		1.8		1	1			
ULIASTAI	47 45 N	96 51 E	1753		820.1	1025.2	- 9.6		1.7		4	5			
ARBAIHER	46 16 N	102 47 E	1813		814.3	1020.4	- 4.4		1.5		1	2			
ULAN-BATOR	47 56 N	106 59 E	1338		868.0	1024.9	- 7.7		2.3		2	7			
MANDALGOVI	45 46 N	106 17 E	1398		858.1	1023.4	- 5.8		2.0		2	4			
SAINSHAND	44 54 N	110 07 E	936		908.5	1020.6	- 2.9		2.6		5	5			

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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		%
ASIA															
NEPAL															
KATHMANDU AP	27 42 N	85 22 E	1337		865.1	1487 Y	15.9		11.8		5	16			
DHANKUTA	26 59 N	87 21 E	1445		854.0	1458 Y	17.5		9.9		0	0			
BURMA															
MANDALAY	21 59 N	96 06 E	76		1003.5	1012.2	18.0		16.0		0	0		0	
MEIKTILA	20 50 N	95 50 E	220			U									
AKYAB	20 08 N	92 53 E	5		1011.2	1011.5	25.8		22.0		0	0		0	
RANGOON	16 46 N	96 10 E	15		1010.1	1012.2	18.8		22.4		0	0		0	
VICTORIA POINT	09 58 N	98 35 E	47		1000.4	1012.3	27.7		26.0		0	0		2	
THAILAND															
UBON RATCHATHANI	15 15 N	104 52 E	127			U									
MALAYSIA															
PENANG/BAYAN LEPAS	05 18 N	100 16 E	4		1008.7	1009.1	27.4	0.0	29.5	+1.5	12	129	- 11	3	95
KOTA BHARU	06 10 N	102 17 E	5	31	1009.3	1009.9	26.9	+ 0.1	28.1	-0.2	5	14	- 94	1	90
KUALA LUMPUR/SUBANG	03 07 N	101 33 E	17	31	1006.6	1009.1	26.5	- 0.3	28.7	-0.2	15	148	- 71	1	75
KUALA LUMPUR/PETALING JAYA	03 06 N	101 39 E	57			U									
KUANTAN	03 47 N	103 13 E	16	31	1008.2	1010.0	25.7	0.0	28.9	+0.8	14	217	+ 45	4	80
MALACCA	02 16 N	102 15 E	9	31	1008.5	1009.5	26.3	- 0.4	29.0	-0.2	13	162	+ 12	3	70
KUCHING	01 29 N	110 20 E	27	31	1007.1	1009.7	25.8	0.0	28.7	-0.1	19	645	+301	6	90
KOTA KINABALU	05 56 N	116 03 E	7	31	1008.5	1008.8	26.7	+ 0.4	28.8	+0.4	4	39	- 47	2	90
SINGAPORE															
SINGAPORE/CHANGI AIRPORT	01 22 N	103 59 E	16	31	1007.4	1009.2	26.4		29.7		15	353		5	75
CHINA															
HAILAR	49 13 N	119 45 E	611		942.9	1019.9	- 7.8		2.3		3	5		3	90
QIQIHAR	47 23 N	123 55 E	148		998.8	1017.6	- 2.7		2.7		3	6		4	95
ALTAY	47 44 N	88 05 E	737		936.9	1028.5	- 5.0		3.2		2	4		2	95
URUMQI	43 47 N	87 37 E	919		915.6	1026.6	- 0.9		3.8		9	27		4	90
YINING	43 57 N	81 20 E	663		945.1	1026.0	1.4		5.1		9	30		4	95
YANJI	42 53 N	129 28 E	178		995.5	1018.1	- 1.4		3.7		4	13		4	90
HAMI	42 49 N	93 31 E	739		932.3	1020.5	4.1		2.3		0	T		4	100
SHENYANG	41 46 N	123 26 E	43		1013.7	1019.1	2.6		4.3		5	24		5	90
BEIJING	39 56 N	116 17 E	55		1013.3	1020.1	6.9		4.7		3	17		5	100
JIUQUAN	39 46 N	98 29 E	1478		852.0	1022.1	0.9		1.9		0	T		1	110
KASHI	39 28 N	75 59 E	1291		870.8	1018.3	5.7		3.9		1	4		4	60
RUOQIANG	39 02 N	88 10 E	889		914.2	1018.9	5.0		2.0		0	0		4	115
YINCHUAN	38 29 N	106 13 E	1112		890.9	1021.8	1.8		4.0		3	17		5	90
TAIYUAN	37 47 N	112 33 E	779		928.6	1021.6	4.3		3.8		2	9		3	95
HOTAN	37 08 N	79 56 E	1375		860.8	1016.3	6.5		2.8		0	T		4	85
DULAN	36 18 N	98 06 E	3192		687.5		- 1.5		1.6		2	4		2	95
QINGDAO	36 04 N	120 20 E	77		1010.8	1020.5	5.1		5.8		4	12		2	100
LANZHOU	36 03 N	103 53 E	1518		847.3		4.2		3.7		3	80		3	70
ZHENGZHOU	34 43 N	113 39 E	111		1006.2	1019.9	8.3		6.5		3	24		3	110
XI'AN	34 18 N	108 56 E	398		971.8	1019.9	7.9		7.0		3	13		2	90
QAMDO	31 09 N	96 10 E	3307		678.4		3.1		3.0		4	6		3	115
SHANGHAI	31 10 N	121 26 E	5		1019.4	1020.2	8.7		8.1		13	103		4	100
YICHANG	30 42 N	111 18 E	134		1003.3	1019.6	11.6		8.9		9	49		2	115
CHENGDU	30 40 N	104 01 E	508		958.0	1018.1	10.8		10.2		4	14		2	115
NANCHANG	28 36 N	115 55 E	50		1012.9	1018.5	10.9		9.8		14	150		3	130
XICHANG	27 54 N	102 16 E	1599		835.1		15.7		6.0		2	4		3	105
ZHIJIANG	27 27 N	109 41 E	273		985.5	1018.3	11.0		9.9		9	76		3	120
GANZHOU	25 51 N	114 57 E	125		1002.6	1017.6	13.0		12.1		15	187		4	95
TENGCHONG	25 07 N	98 29 E	1649		834.9		12.6		8.4		3	26		2	105
KUNMING	25 01 N	102 41 E	1892		810.0		12.3		6.8		1	3		1	90
SHANTOU	23 24 N	116 41 E	3		1016.0	1016.9	14.9		14.4		13	85		4	70
GUANGZHOU	23 08 N	113 19 E	8		1014.8	1015.7	16.9		16.2		12	77		3	85
NANNING	22 49 N	108 21 E	73		1004.9	1013.5	18.3		16.6		4	15		1	135
MENGZI	23 23 N	103 23 E	1302		868.2	1010.2	17.6		8.8		0	T		1	105
PHILIPPINES															
BASCO	20 27 N	121 58 E	11	31	1012.9	1014.1	24.3	+ 0.2	26.4	+1.5	10	34	- 67	1	
APARRI	18 22 N	121 38 E	4	31	1011.7	1012.0	25.3	+ 0.1	28.1	+1.7	3	16	- 23	2	
DAGUPAN	16 03 N	120 20 E	2	31	1011.4	1011.6	27.9	+ 0.5	26.4	+1.5	2	13	- 6	4	
MANILA INT. AIRPORT	14 31 N	121 00 E	15	31	1010.7	1011.9	26.6	- 0.6	26.4	+3.0	0	0	-169	1	
DAET	14 08 N	122 59 E	4	31	1009.6	1011.5	26.5	+ 0.5	26.4	-1.7	12	93	-107	2	
CALAPAN	13 25 N	121 11 E	40	31	1007.4	1012.0	26.8	+ 0.5			8	29	- 28		
ROMBLON	12 35 N	122 16 E	47	31	1005.4	1010.8	28.4	+ 1.9	29.8	+1.7	6	20	- 39		
CATBALOGAN	11 47 N	124 53 E	5	31	1012.6	1013.2	27.0	+ 0.7			13	142	+ 12	4	
TACLOBAN	11 15 N	125 00 E	21	31	1010.2	1010.5	26.2	+ 0.2	28.1	+1.7	15	279	+142	5	
ILOILO	10 42 N	122 34 E	8	31	1010.1	1011.0	27.8	+ 1.1	28.1	+1.7	6	52	+ 23	4	
MACTAN	10 18 N	123 58 E	9	31	1009.3	1010.7	28.2	+ 0.6	29.8	+1.7	9	24	- 25		
SURIGAO	09 48 N	125 30 E	10	31	1003.9	1010.2	26.2	+ 0.3	29.8	+1.7	28	499	+125	4	
PUERTO PRINCESA	09 45 N	118 44 E	16	31	1006.3	1008.1	27.1	+ 0.1	28.1	0.0	1	2	- 38		
DIPLOG	08 36 N	123 21 E	5	31	1009.5	1010.1	28.7	+ 1.5			15	38	- 44	3	
TAGBILARAN	09 36 N	123 51 E	6	31	1009.3	1010.0	27.0	+ 0.6			4	12	- 64		
CAGAYAN DE ORO	08 29 N	124 38 E	6	31	1007.9	1008.6	27.0	+ 0.5	31.7	+5.3	10	33	- 25		
DAVAO AIRPORT	07 07 N	125 39 E	25	31	1007.3	1009.3	27.0	+ 0.1	29.8	+1.7	14	81	0		
ZAMBOANGA	06 54 N	122 04 E	6	31	1008.8	1009.5	28.2	+ 1.3	29.8	+1.7	13	99	+ 59	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		%
AUSTRALASIA															
NEW ZEALAND															
AUCKLAND AERODROME	37 01 S	174 48 E	6		1016.7	1017.5	18.1		16.5		8	37		1	133
GISBORNE AERODROME	38 40 S	177 59 E	8		1016.0	1017.0	16.9		14.8		8	52		2	108
NEW PLYMOUTH AERODROME	39 01 S	174 11 E	36		1013.7	1017.5	16.1		14.2		9	76		2	137
WELLINGTON	41 17 S	174 46 E	128		1001.4	1016.9	15.6		13.8		8	123		4	117
CHRISTCHURCH AERODROME	43 29 S	172 33 E	34		1011.8	1016.1	14.5		13.1		7	139		5	114
HOKITIKA AERODROME	42 43 S	170 59 E	40		1012.1	1017.4	15.2		14.1		14	148		2	106
INVERCARGILL AERODROME	46 25 S	168 20 E	1		1015.9	1016.1	13.0		11.8		9	99		4	86
NORTH PACIFIC															
LIHUE, KAUAI, HAWAII	21 59 N	159 21 W	45	31	1012.9	1018.1	22.9	+ 0.7	21.5		10	51	- 64	2	108
HONOLULU, OAHU, HAWAII	21 20 N	157 56 W	5	31	1016.9	1017.4	24.7	+ 1.1	21.0		1	4	- 84	1	118
HILO/GEN. LYMAN, HAWAII	19 43 N	155 04 W	11	31	1016.3	1017.5	23.7	+ 1.8	22.1		15	390	+ 46	4	151
WAKE ISLAND	19 17 N	166 39 E	4	31	1014.6	1015.0	25.7	+ 0.3	24.5			170	+120	5	104
GUAM, TAGUAC, MARIANA IS.	13 33 N	144 50 E	111	31	999.0	1011.7	25.8	+ 0.4	27.4		15	142	+ 36	5	13
YAP, CAROLINE ISLANDS	09 29 N	138 05 E	17	31	1008.0	1009.8	27.2	0.0	30.5		20	277	+117	5	88
KWAJALEIN, MARSHALL IS.	08 44 N	167 44 E	8	31	1008.8	1009.7	27.8	- 0.1	29.7		19	174	+ 43	4	
TRUK, CAROLINE ISLANDS	07 28 N	151 51 E	2	31	1009.1	1009.3	27.6	+ 0.2	29.9		24	466	+235	5	77
KOROR, PALAU ISLANDS	07 20 N	134 29 E	33	31	1006.1	1009.8	27.8	+ 0.4	30.4		24	212	+ 4	3	88
MAJURO, MARSHALL ISLANDS	07 05 N	171 23 E	3	31	1009.1	1009.4	26.8	- 0.5	30.3		27	375	+147	5	87
PONAPE/POHNPEI, CAROLINE ISL	06 58 N	158 13 E	46	31	1003.4	1008.6	27.4	+ 0.1	29.5		27	503	+134	5	76
TARAWA, GILBERT ISLANDS	01 21 N	172 55 E	4		1007.9	1008.3	27.9		29.6		16	37		1	
SOUTH PACIFIC															
FUNAFUTI, ELLICE IS.	08 31 S	179 13 E	2		1008.4	1008.6	28.4		30.8		19	180		1	
ATUONA, MARQUESAS ISLAND	09 48 S	139 02 W	52	31	1005.1	1011.0	27.2		28.0		14	112		3	110
APIA, SAMOA	13 48 S	171 47 W	2		1009.9	1010.2	27.1		30.5		19	181		1	112
PAGO PAGO, SAMOA	14 20 S	170 43 W	3	31	1010.2	1010.4	27.8	+ 0.6	30.6		17	175	-114	2	85
RANGIROA	14 58 S	147 40 W	4	31	1011.9	1012.3	28.1		28.3		14	110		3	115
TAKAROA, TUAMOTU IS.	14 29 S	145 02 W	3	31	1012.0	1012.3	26.3		29.7		13	84		2	115
PUKA-PUKA, TUAMOTU IS.	14 48 S	138 49 W	3	31	1012.1	1012.5	28.2		28.8		11	59		3	115
HAO, TUAMOTU IS.	18 04 S	140 57 W	3	31	1013.2	1013.6	27.4		29.6		9	97		3	110
HEREHERETUE, TUAMOTU IS.	19 52 S	145 00 W	3	31	1013.6	1014.0	27.5		28.7		15	122		3	110
BORA-BORA, SOCIETY IS.	16 27 S	151 45 W	3	31	1011.9	1012.2	27.9		29.3		14	113		2	100
TAHITI, SOCIETY IS.	17 33 S	149 37 W	2	31	1012.2	1012.5	27.0		27.8		10	162		4	105
NANDI, FIJI IS.	17 45 S	177 27 E	18		1007.3	1009.4	26.5		28.4		18	492		4	99
NAUSORI	18 03 S	178 34 E	7		1008.5	1009.6	25.9		28.9		18	52		5	
RAROTONGA, COOK IS.	21 12 S	159 49 W	7		1012.1	1012.9	25.9		27.9		10	62		1	92
RIKITEA, GAMBIER IS.	23 08 S	134 58 W	89	31	1006.0	1016.1	25.2		26.2		12	139		2	125
MURUROA	21 49 S	138 49 W	3	31	1014.8	1015.2	26.9		28.2		11	83		2	110
TUBAI, AUSTRAL IS.	23 21 S	149 29 W	3	31	1014.1	1014.4	25.1		27.0		20	353		5	95
RAPA, AUSTRAL IS.	27 37 S	144 20 W	2	31	1015.3	1015.6	23.1		23.5		17	550		5	95
RADUL IS.,KERMADEC IS.	29 15 S	177 55 W	49		1007.5	1013.3	22.2		22.7		15	280		5	74
CHATHAM ISLAND	43 57 S	176 34 W	48		1009.8	1015.6	15.0		14.4		15	129		4	128
CAMPBELL ISLAND	52 33 S	169 09 E	19		1007.6	1009.9	9.7		9.9		17	91		2	90

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		%
JANUARY 1986															
SOUTH AMERICA															
BRAZIL-NORTHERN															
BOM JESUS DA LAPA	13 16 S	43 25 W	440		961.4	1012.4	24.6		26.1		13	140			
AFRICA															
ETHIOPIA															
NEGHELLI	05 17 N	39 45 E	1455	31	845.6		19.7		15.8						
ASIA															
SYRIAN ARAB REPUBLIC															
KAMISHLI	37 03 N	41 13 E	455	31	965.5	1019.9	7.6	+ 1.4	7.3	+0.6	15	70	- 18		46
DEIR EZZOR	35 19 N	40 09 E	212	31	994.3	1019.1	7.5	+ 0.6	7.6	+0.2	8	10	- 21		61
PALMYRA	34 33 N	38 18 E	404	31	971.5	1020.0	7.6	+ 0.8	7.2	+0.1	8	12	- 9		66
DAMASCUS/NEW INTL AP	33 25 N	36 31 E	611	31	947.1	1019.3	7.0	+ 0.9	7.2	+0.4	6	6	- 22		61
HAMA	35 08 N	36 43 E	309	31	984.0	1021.3	7.7	+ 0.4	8.7	+0.7	14	96	+ 25		
LATTAKIA	35 32 N	35 46 E	7	31	1017.5	1019.8	12.8	+ 1.2	9.4	+0.7	18	143	- 30		51
ALEPPO	36 11 N	37 13 E	393	31	973.6	1022.4	7.1	+ 1.5	8.2	+0.8	13	66	+ 2		43
FEBRUARY 1986															
SOUTH AMERICA															
BRAZIL-NORTHERN															
PORTO VELHO/AEROPORTO	08 46 S	63 55 W	105		1000.8	1007.4	25.9	+ 0.8	29.0	+1.1	17	275	- 30	2	
PETROLINA	09 23 S	40 29 W	370		969.1	1010.2	26.6	+ 0.6	23.9		10	76			
EUROPE															
CZECHOSLOVAKIA															
CHEB	50 05 N	12 24 E	471	28	957.9	1017.6	- 7.5	- 5.6	2.9	-2.0	3	14	- 22	1	147
PRAHA/RUZYNE	50 06 N	14 17 E	369	28	971.5	1018.7	- 7.8	- 6.2	2.9	-1.9	3	14	- 10	2	120
PRAHA/LIBUS	50 00 N	14 27 E	304	28	979.4	1018.8	- 6.4		3.0		4	13			
BRNO/TURANY	49 09 N	16 42 E	246	28	986.6	1018.0	- 6.2	- 5.2	3.2	-1.6	5	28	+ 4	4	121
OSTRAVA/MOSNOV	49 41 N	18 07 E	256	28	986.0	1019.2	- 8.5	- 7.1	2.9	-1.9	8	29	0	3	98
SLIAC	48 38 N	19 09 E	318	28	975.8	1015.8	- 4.1	- 1.9	3.6	-0.9	6	29	- 17	2	124
POPRAD/TATRY	49 04 N	20 15 E	707	28	930.6		- 9.1	- 5.2	2.8	-1.1	7	22	- 3	3	85
ITALY															
MILANO/LINATE	45 26 N	09 17 E	103	28	998	1011	1.2	- 1.9	5.7	-0.7	8	76	+ 27	4	58
VERONA/VILLAFRANCA	45 23 N	10 52 E	68	28	1003	1011	1.5	- 1.3	5.8	-0.4	10	81	+ 38	5	
UDINE RIVOLTO	45 59 N	13 02 E	53	28	1005	1011	2.0		4.9		6	77			
PISA/S. GIUSTO	43 41 N	10 23 E	1	28	1007	1008	5.6	- 2.2	6.5	-1.6	14	80	- 1	3	68
NAPOLI/CAPODICHINO	40 51 N	14 18 E	72	28	999	1008	8.0	- 0.9	8.5	-0.3	20	236	+144	6	55
TRIESTE	45 39 N	13 45 E	20	28	1007	1010	2.6	- 3.0	4.6	-1.6	11	72	+ 1	4	83
VENEZIA/TESSERA	45 30 N	12 20 E	6	28	1010	1011	1.9	- 1.9	5.5	-0.9	8	82	+ 28	4	83
FALCONARA	43 37 N	13 22 E	10	28	1007	1009	4.3		7.1		8	79			
PESCARA	42 26 N	14 12 E	11	28	1006	1007	5.5	- 1.6	7.1	-0.9	9	88	- 44	5	43
MARINA DI GINOSA	40 26 N	16 53 E	12	28	1006	1007	9.1	- 0.6	9.3	+0.2	11	75	+ 46	5	
BRINDISI	40 39 N	17 57 E	10	28	1007	1008	9.5	0.0	9.4	+0.1	15	140	+ 78	5	58
ALGHERO	40 38 N	08 17 E	40	28	1004	1007	8.9	- 0.7	9.8	0.0	15	142	+100	5	67
CAGLIARI/ELMAS	39 15 N	09 03 E	18	28	1007	1008	10.0	+ 0.2	10.3	+0.5	11	54	+ 15	4	85
TRAPANI/BIRGI	37 55 N	12 30 E	14	28	1008	1009	11.7	+ 0.6	11.3	+0.8	12	66	+ 14	4	88
CATANIA/FONTANAROSSA	37 28 N	15 03 E	17	28	1007	1009	10.1	- 0.6	9.4	-0.5	10	57	+ 16	4	
MESSINA	38 12 N	15 33 E	51	28	1001	1009	11.7	+ 0.3	10.3	+0.3	12	123	+ 23	4	80
AFRICA															
ETHIOPIA															
NEGHELLI	05 17 N	39 45 E	1455	28	844.9		20.6		18.9						
ZIMBABWE															
BULAWAYO/GOETZ OBS	20 09 S	28 37 E	1344	28	866.0	1504 Y	21.6	+ 0.8	16.4	-0.5	5	16	- 95	1	112
HARARE/KUTSAGA OBS	17 55 S	31 08 E	1480	28	852.6	1502 Y	19.6	- 0.2	17.0	-0.4	12	114	- 58	2	109
CHIPINGA	20 12 S	32 37 E	1132	28	888.5	1511 Y	20.6	+ 0.4	18.5	-1.1	10	74	-125	1	109
MADAGASCAR															
DIEGO-SUAREZ	12 21 S	49 18 E	105	28	997.7	1009.6	26.4	+ 0.5	28.8	+0.4	11	147	- 86	3	114
TULEAR	23 23 S	43 44 E	8	28	1006.7	1007.6	27.6	+ 0.3	26.9	-1.4	6	74	- 9	3	94
TAMATAVE	18 07 S	49 24 E	6	28	1008.2	1008.8	26.3	+ 0.3	29.9	+1.4	20	272	-152	2	102
ANTANANARIVO/IVATO	18 48 S	47 29 E	1276	28	871.6	1490 Y	20.6	- 0.1	19.2	-0.1	16	349	+144	5	110
ASIA															
SYRIAN ARAB REPUBLIC															
KAMISHLI	37 03 N	41 13 E	455	28	962.3	1016.4	9.2	+ 1.4	8.5	+1.3	11	93	+ 23		49
DEIR EZZOR	35 19 N	40 09 E	212	28	990.3	1015.7	10.3	+ 1.0	9.2	+1.5	9	33	+ 5		56
PALMYRA	34 33 N	38 18 E	404	28	967.3	1015.3	10.7	+ 1.8	8.3	+1.0	6	39	+ 20		67
DAMASCUS/NEW INTL AP	33 25 N	36 31 E	611	28	943.5	1014.7	9.0	+ 0.9	7.6	+0.8	8	118	+ 97		82
HAMA	35 08 N	36 43 E	309	28	979.6	1016.5	8.1	- 0.2	9.4	+1.1	11	29	- 28		
LATTAKIA	35 32 N	35 46 E	7	28	1014.1	1015.0	14.0	+ 1.4	11.1	+1.9	11	97	- 1		61

SURFACE DATA LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	NO. OF DAYS ≥ MM.	TOTAL	DEPARTURE	QUINTILE	PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
FEBRUARY 1986															
ASIA															
SYRIAN ARAB REPUBLIC															
ALEPPO	36 11 N	37 13 E	393	28	969.5	1016.5	9.1	+ 1.7	9.2	+1.3	11	80	+ 26		52

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		%
SEPTEMBER 1985															
EUROPE															
GERMAN DEMOCRATIC REP															
WARNEMUNDE	54 11 N	12 05 E	10					- 1.1		-0.8					
GREIFSWALD	54 06 N	13 24 E	6				- 1.3			-1.4					
POTSDAM	52 23 N	13 04 E	94					- 0.3							
LINDENBERG	52 13 N	14 07 E	115					- 0.6		-0.1					
LEIPZIG-SCHKEUDITZ	51 25 N	12 14 E	133					- 0.1		-0.2					
DRESDEN-KLOTZSCHE	51 08 N	13 47 E	226					- 0.2		-0.3					
GORLITZ	51 10 N	14 57 E	238					- 0.4		-0.2					
ERFURT-BINDERSLEBEN	50 59 N	10 58 E	323							-0.8					
FICHTELBERG	50 26 N	12 57 E	1215					- 0.4							

UPPER AIR DATA

MARCH 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	1,021		-28.7	2.9					1,367	0	-18.6	7.7	1	30	347	2	2,801	0	-23.9	7.3	0	46	296	4	5,189	0	-38.4	4.0	0	60	290	8	8,556	1	-56.1		1	70	292	12
		11,153	2	-52.2		2	81	275	13	13,025	2	-50.0		3	84	271	15	15,688	3	-47.7		4	86	269	17	20,302	8	-45.4		9	77	277	15	23,747	14	-43.7		14	61	288	12
BARTER ISLAND	2	1,019		-30.3	5.2					1,347	0	-18.4	6.8	0	17	249	2	2,785	0	-23.3	7.8	0	33	292	3	5,177	0	-38.0	4.8	0	62	288	7	8,542	0	-55.7		0	71	281	12
		11,150	1	-51.6		1	89	280	15	13,024	2	-49.7		2	91	281	18	15,691	3	-47.9		3	88	285	19	20,298	5	-45.6		8	78	285	16	23,716	6	-44.2		10	66	289	14
KOTZEBUE	2	1,016		-21.4	4.0					1,360	1	-14.1	11.2	3	26	348	2	2,815	0	-21.1	9.4	2	39	311	3	5,230	0	-35.8	7.0	5	51	286	7	8,632	0	-53.9		7	76	271	14
		11,250	1	-50.9		8	88	264	14	13,134	1	-48.7		7	87	260	14	15,805	2	-46.9		5	85	260	14	20,389	5	-46.4		7	78	257	13	23,780	5	-46.5		7	67	257	11
NOME	2	1,014		-15.5	5.4					1,355	0	-13.0	11.0	5	43	9	3	2,818	0	-19.3	11.3	2	46	346	4	5,252	0	-33.8	9.4	1	44	320	6	8,673	0	-53.8		0	57	302	9
		11,283	0	-50.0		0	74	275	9	13,177	3	-48.5		3	83	263	10	15,854	3	-47.2		3	85	258	11	20,455	5	-46.5		6	77	251	9	23,869	11	-45.1		12	29	249	3
FAIRBANKS	2	995		-18.1	3.8					1,330	0	-13.9	6.8	0	20	101	1	2,794	0	-19.3	8.5	0	6	180	1	5,219	0	-35.0	8.1	1	36	246	4	8,621	1	-53.1		1	49	257	7
		11,253	1	-49.5		1	84	267	11	13,144	1	-48.3		1	88	268	12	15,814	2	-47.9		2	89	273	13	20,395	2	-47.5		2	78	284	11	23,771	3	-47.0		3	59	302	8
MCGRATH	2	998		-19.5	4.2					1,325	0	-12.4	8.9	1	64	50	5	2,794	0	-18.5	10.9	0	33	33	3	5,230	0	-33.7	9.7	0	30	319	4	8,654	0	-52.6		0	43	300	6
		11,290	0	-48.5		0	73	272	8	13,190	0	-47.2		0	80	268	10	15,871	2	-47.3		2	85	261	10	20,460	2	-47.0		2	71	265	7	23,854	3	-45.8		3	34	276	4
BETHEL	2	1,005		-13.1	4.1					1,328	1	-10.6	9.5	3	68	44	6	2,802	1	-17.5	12.3	1	47	18	5	5,250	1	-32.7	10.5	1	33	352	5	8,684	1	-52.2		1	42	318	7
		11,310	1	-48.7		1	68	275	7	13,208	1	-47.7		1	78	266	8	15,886	1	-47.6		1	80	261	8	20,457	2	-47.7		2	66	256	5	23,819	4	-47.5		4	21	226	2
ANCHORAGE	2	999		-5.4	6.2					1,307	0	-8.5	7.1	0	37	32	2	2,789	0	-16.8	8.2	0	22	134	2	5,241	0	-32.2	9.4	0	26	240	3	8,673	0	-52.5		0	43	251	6
		11,314	0	-48.2		0	70	256	7	13,216	0	-47.5		0	84	261	9	15,895	0	-47.8		0	83	267	9	20,470	0	-47.7		0	68	273	6	23,847	0	-47.2		0	39	314	4
ST. PAUL	2	1,008		-7.3	2.4					1,335	0	-8.9	10.7	2	70	56	8	2,821	0	-15.4	11.0	2	50	51	5	5,291	0	-30.2	9.0	1	22	22	3	8,754	1	-52.1		1	15	351	2
		11,379	1	-49.3		1	55	267	5	13,276	1	-47.3		1	62	256	5	15,956	2	-47.7		2	73	253	5	20,536	5	-48.0		5	45	219	3	23,918	6	-46.8		6	35	138	3
COLD BAY	2	999		-4.1	3.2					1,292	6	-8.1	7.3	6	38	93	4	2,782	6	-15.0	10.0	6	21	106	2	5,251	6	-30.8	10.1	7	18	204	3	8,702	8	-52.6		8	16	238	3
		11,341	9	-47.8		9	42	244	5	13,253	10	-47.1		10	56	225	6	15,931	12	-48.2		12	75	230	5	20,486	13	-49.6		13	52	188	3	23,830	15	-49.7		15	67	119	5
KING SALMON	2	1,003		-8.9	5.4					1,309	0	-8.6	7.4	2	35	52	2	2,796	0	-15.6	9.7	1	6	1	1	5,257	0	-31.4	9.2	0	8	253	1	8,702	0	-52.0		0	24	286	4
		11,347	0	-47.9		0	53	268	6	13,256	1	-46.7		1	69	263	7	15,939	1	-47.7		1	75	260	6	20,513	1	-48.1		1	42	256	3	23,882	2	-47.8		2	13	49	1
YAKUTAT	2	1,002		-0.5	1.8					1,319	0	-5.9	2.9	2	70	155	5	2,814	0	-15.3	4.1	0	79	172	7	5,277	0	-31.6	6.3	0	69	207	9	8,720	0	-52.6		0	72	223	13
		11,350	0	-49.0		0	88	247	11	13,245	0	-48.0		0	85	256	11	15,911	0	-49.6		0	86	271	10	20,454	0	-48.9		0	77	303	6	23,814	1	-48.8		1	63	343	6
ANNETTE ISLAND	2	1,004		5.6	2.8					1,377	0	-2.7	1.8	4	86	179	12	2,891	0	-11.9	4.2	0	84	200	12	5,392	0	-28.1	6.8	1	82	215	15	8,860	2	-53.2		6	73	226	16
		11,459	3	-51.2		8	85	244	12	13,337	3	-49.8		7	88	254	11	15,973	4	-51.6		6	87	268	10	20,461	6	-51.7		7	71	319	6	23,784	7	-50.7		7	69	15	7
CANADA-WESTERN																																									
MOULD BAY	2	1,004		-33.3	2.4					1,259	2	-24.6	2.4	1	83	316	10	2,661	2	-29.2	3.9	1	88	318	12	5,004	2	-42.1	5.4	0	84	312	15	8,323	2	-57.8	6.3	0	83	312	17
		10,896	2	-54.4		0	88	308	17	12,742	2	-53.8		0	87	308	19	15,359	2	-51.6		0	81	308	21	19,929	4	-47.0		3	74	309	24								
SACHS HARBOUR	2	1,007		-30.4	2.2					1,318	2	-22.2	4.5	0	76	309	6	2,733	2	-26.4	6.5	0	83	305	8	5,100	2	-40.2	6.8	0	84	302	12	8,436	2	-56.9	7.5	0	88	296	16
		11,020	2	-53.3		0	93	294	18	12,879	2	-52.1		0	93	295	19	15,515	2	-49.9		0	91	297	21	20,100	4	-47.0		2	84	302	22	23,484	4	-46.3		2	80	306	22
CAMBRIDGE BAY	2	1,010		-31.0	2.7					1,278	2	-23.3	4.9	0	91	316	11	2,689	2	-27.1	6.3	0	92	315	14	5,054	2	-40.3	6.4	0	90	313	18	8,388	2	-56.6	7.2	0	91	309	22
		10,976	2	-53.2		0	96	307	22	12,829	2	-52.8		0	96	308	22	15,448	2	-52.0		0	95	310	24	19,950	3	-49.4		1	86	320	23	23,320	4	-47.8		2	77	331	21
INUVIK	2	1,006		-25.9	5.4					1,344	2	-19.0	5.8	0	37	309	2	2,782	2	-22.7	7.4	0	61	278	5	5,186	2	-36.5	6.2	0	75	277	11	8,561	2	-55.8	7.1	0	80	275	17
		11,160	2	-51.5		0	92	280	18	13,034	2	-50.2		0	94	284	19	15,689	2	-48.5		0	92	290	20	20,271	2	-46.7		0	86	300	20	23,662	2	-45.7		1	80	312	18
NORMAN WELLS	2	1,006		-22.7	3.4					1,348	2	-16.7	4.0	0	27	273	2	2,801	2	-19.5	5.1	0	77	281	6	5,232	2	-34.2	6.2	0	86	271	13	8,633	2	-55.6	6.8	0	87	270	21
		11,226	2	-52.1		0	95	280	20	13,089	3	-50.9		0	95	284	20	15,729	3	-50.3		0	94	291	21	20,274	3	-48.4		0	89	307	19	23,646	3	-47.1		0	84	319	18
WHITEHORSE	2	922		-10.5	2.5					1,334	1	-9.0	3.2	0	57	172	4	2,821	1	-15.1	5.1	0	90	218	10	5,285	1	-31.0	6.1	0	87	228	13	8,725	1	-53.6	7.2	1	88	234	17
		11,339	1	-50.1		1	91	251	14	13,223	2	-49.3		1	9[illegible]	262	13	15,879	2	-49.5		1	91	275	13	20,417	2	-49.0		1	85	300	10	23,776	2	-48.2		0	73	326	8
FORT NELSON	2	967		-11.0	3.1					1,375	2	-8.3	5.0	0	63	256	4	2,870	2	-13.5	4.2	0	94	269	9	5,349	2	-30.3	6.5	0	92	265	15	8,801	2	-53.3	7.9	0	91	271	23
		11,392	2	-53.1		0	96	272	20	13,255	2	-51.2		0	97	277	19	15,883	2	-52.5		0	96	288	16	20,367	3	-51.3		0	93	313	13	23,706	4	-50.1		0	88	337	13
FORT SMITH	2	989		-14.4	3.1					1,361	2	-10.7	5.9	0	73	288	5	2,842	2	-16.3	5.7	0	92	291	11	5,306	2	-30.7	7.2	0	95	293	16	8,741	2	-54.4	7.3	0	95	290	24
		11,325	2	-53.8		0	98	290	23	13,180	2	-52.4		0	98	293	22	15,796	2	-53.1		0	98	296	22	20,291	3	-51.7		0	96	313	18	23,610	5	-50.5		0	93	329	18
PRINCE GEORGE	2	932		-0.3	2.1					1,417	2	-0.5	6.1	7	6	215	7	2,940	2	-10.6	5.1	0	85	248	10	5,448	2	-26.8	7.5	0	86	255	15	8,938	2	-52.1	8.2	0	86	262	22
		11,523	2	-54.5		0	92	265	20	13,376	2	-22.0		0	95	269	16	15,988	2	-53.9		0	95	279	13	20,438	2	-53.6		0	81	312	8	23,728	2	-52.4		0	71	354	8
EDMONTON STONY PLAIN	2	921		-1.1	3.6					1,412	2	-0.5	7.9	0	67	293	5	2,938	2	-10.2	4.7	0	92	281	12	5,450	2	-26.6	7.4	0	93	284	17	8,944	2	-51.8	7.5	0	88	282	25
		11,531	2	-55.5		0	94	282	23	13,374	2	-52.8		0	96	283	19	15,980	2	-54.6		0	97	290	16	20,414	2	-54.2		0	87	313	12	23,703	4	-53.3		1	80	338	12
THE PAS	2	981		-9.2	3.6					1,390	2	-7.3	4.7	0	72	304	6	2,886	2	-13.8	6.8	0	93	302	12	5,373	2	-28.5	8.5	0	93	301	19	8,840	2	-53.2	8.0	0	91	297	27
		11,419	2	-54.9		0	94	295	25	13,267	2	-53.2		0	95	297	22	15,866	2	-55.4		0	97	297	21	20,294	3	-55.4		0	95	309	16	23,554	3	-54.6		0	81	326	14
VERNON	2	950		3.2	4.3					1,453	2	0.8	4.5	0	80	214	5	2,897	2	-8.3	6.9	0	77	255	10	5,521	2	-24.4	9.2	0	85	266	16	9,046	2	-50.4	8.0	0	83	267	24
		11,621	2	-57.5						13,456	2	-53.2						16,049	2	-56.3		3	94	275	12	20,458	2	-55.1		0	72	314	6	23,736	4	-54.4		0	62	7	6
PORT HARDY	2	1,011		5.1	1.7					1,424	2	-0.7	4.6	0	82	184	8	2,952	2	-8.7	7.2	0	77	215	11	5,480	2	-25.2	6.4	0	78	235	16	8,993	2	-50.2	8.2	0	80	246	23
		11,586	2	-55.3		0	89	251	20	13,437	2	-52.2		0	91	255	15	16,049	2	-54.2		0	91	265	10	20,481	2	-54.3		0	64	321	4	23,771	3	-53.1		0	66	32	6
CANADA-EASTERN																																									
ALERT	2	995		-36.1						1,186	3	-28.5	3.8	0	26	343	2	2,580	3	-29.0	5.4	0	37	153	3	4,920	3	-42.8	5.8	0	47	169	6	8,226	3	-58.6	6.6	0	54	178	9
		10,774	4	-57.6		0	52	176	7	12,590	4	-57.8		0	42	174	6	15,149	4	-57.7		0	18	176	3	19,613	7	-53.5		3	13	313	3	22,909	8	-50.7		4	36	331	10
EUREKA	2	1,004		-42.3						1,183	2	-29.1	3.9	0	25	30	2	2,564	2	-31.9	4.9	0	34	54	2	4,885	2	-44.2	6.1	0	27	92	3	8,182	2	-57.5	6.6	0	21	75	3
		10,752	2	-56.0		0	26	7	5	12,581	2	-56.2		0	33	352	4	15,160	2	-55.1		0	38	341	7	19,667	6	-50.5		3	43	326	13					7	41	331	14
RESOLUTE	2									1,192	2	-30.1	3.0	0	71	340	7	2,582	4	-31.7	5.2	0	76	341	10	4,903	4	-43.9	6.6	0	81	338	13	8,216	4	-56.1	7.2	0	82	334	13
		10,801	5	-54.2		1	84	326	14	12,647	6	-54.1		0	84	323	15	15,247	8	-53.1		3	72	324	15	19,763	9	-48.0		1	65	330	20	23,155	9	-45.0		2	60	332	22
HALL BEACH	2	1,003		-32.6						1,186	4	-27.6	3.8	2	71	320	6	2,575	4	-31.0	5.2	2	60	316	7	4,904	4	-43.4	6.4	2	71	312	10	8,227	4	-54.9	7.5	2	82	308	12
		10,826	4	-53.4		3	91	308	13	12,677	4	-53.5		3	91	305	13	15,284	4	-53.4		2	88	306	14	19,742	7	-51.9		3	63	309	14	23,109	8	-46.9		3	44	326	13
BAKER LAKE	2	1,007		-29.0	2.6					1,284	3	-21.9	3.9	1	83	311	10	2,704	3	-25.4	5.4	1	89	311	14	5,088	3	-38.2	5.8	1	93	309	20	8,451	3	-56.2	6.3	1	95	305	26
		11,032	3	-53.8		1	98	306	24	12,883	3	-53.4		1	98	306	23	15,495	3	-52.9		1	98	307	23	19,939	5	-52.5		1	94	315	20	23,232	6	-50.3		1	83	325	16
CORAL HARBOUR	2	999		-29.6	2.6					1,240	2	-24.6	4.2	0	86	317	9	2,641	2	-28.9	4.7	0	89	309	12	4,990	2	-41.2	6.3	0	85	306	16	8,337	2	-54.8	7.5	0	91	300	19
		10,936	2	-53.2		0	94	301	18	12,788	2	-53.3		0	95	301	18	15,406	3	-52.9		0	95	302	18	19,897	5	-51.8		1	91	304	17	23,221	5	-49.4		1	74	316	15
FROBISHER BAY	2	1,001		-26.7	4.2					1,203	1	-26.0	3.2	0	68	300	12	2,600	1	-29.3	4.0	0	66	289	8	4,948	1	-12.0	6.3	0	61	280	10	8,294	1	-54.8	7.5	0	70	274	24
		10,894	1	-53.0		0	80	273	15	12,756	2	-52.8		0	83	274	15	15,374	2	-52.5		0	82	273	15	19,859	2	-51.4		0	70	274	15	23,192	2	-49.1		0	52	274	14

UPPER AIR DATA

MARCH 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	1,012		-21.0	2.7					1,334	2	-15.8	5.6	1	78	307	7	2,790	2	-20.0	7.6	1	92	305	12	5,216	2	-34.3	5.7	0	89	304	18	8,620	2	-55.2	7.1	0	92	300	24
		11,206	2	-53.6		0	97	299	25	13,057	3	-53.2		0	98	299	24	15,663	3	-54.1		0	98	300	24	20,087	5	-54.5		1	95	308	18	23,364	5	-53.0		2	88	319	15
INUCUDJUUAC	2	1,010		-24.4	3.7					1,277	2	-20.7	5.7	0	76	292	8	2,705	2	-24.5	6.3	0	84	295	12	5,096	2	-37.1	6.7	0	85	295	18	8,478	3	-53.6	8.3	0	86	290	22
		11,078	4	-52.6		0	92	289	21	12,939	4	-52.0		0	92	286	21	15,563	4	-52.6		0	93	285	21	20,035	4	-52.9		0	86	285	16	23,347	5	-51.1		0	69	290	12
FORT CHIMO	2	1,006		-24.3	3.7					1,268	2	-22.4	5.5	0	76	287	8	2,686	2	-26.1	5.4	0	78	288	12	5,064	2	-37.8	6.0	0	81	283	16	8,455	2	-53.3	7.7	0	84	276	21
		11,064	2	-51.9		0	91	274	21	12,928	2	-51.7		0	92	271	21	15,554	2	-52.3		0	90	270	20	20,036	2	-52.2		0	82	268	17	23,324	3	-51.7		0	60	264	12
TROUT LAKE	2	988		-17.9	1.9					1,367	2	-12.9	5.8	0	75	307	7	2,838	2	-17.3	8.9	0	87	306	11	5,294	2	-31.1	8.2	0	90	302	18	8,734	2	-54.2	7.8	0	90	296	25
		11,319	3	-53.3		0	94	292	24	13,177	3	-52.4		0	94	294	23	15,788	3	-54.2		0	95	293	21	20,218	3	-55.4		0	91	298	17	23,480	3	-54.2		0	69	310	12
MOOSONEE	2	1,014		-15.7	2.3					1,358	2	-12.2	5.1	0	66	296	6	2,831	2	-17.2	7.8	0	85	293	11	5,293	2	-30.3	8.4	0	87	289	17	8,740	3	-52.9	7.6	0	87	280	25
		11,342	3	-52.5		0	93	281	25	13,206	3	-51.5		0	94	281	24	15,823	3	-53.7		0	94	281	21	20,237	4	-56.0		0	87	280	15	23,494	5	-54.9		1	63	290	10
SEPT-ILES	2	1,007		-11.9	4.9					1,348	2	-13.1	5.3	0	71	290	7	2,817	2	-17.5	7.2	0	86	278	13	5,273	2	-30.8	8.4	0	90	274	21	8,738	2	-50.9	8.6	0	91	266	32
		11,354	2	-52.6		0	94	265	31	13,218	2	-52.1		0	95	263	27	15,833	2	-53.5		0	96	263	25	20,261	2	-55.7		0	92	259	17	23,520	2	-54.4		0	66	255	12
GOOSE	2	1,007		-15.3	4.4					1,309	2	-16.8	4.9	0	70	287	8	2,759	2	-20.3	6.2	0	81	278	12	5,194	2	-32.4	8.4	0	87	269	20	8,638	2	-51.3	8.7	0	89	262	30
		11,260	2	-51.3		0	93	262	29	13,133	2	-50.7		0	94	260	28	15,767	4	-51.4		0	94	262	25	20,248	4	-52.8		1	90	253	17	23,539	5	-52.1		1	68	246	13
MANIWAKI	2	994		-6.4	2.2					1,395	2	-7.6	4.1	0	77	272	8	2,892	2	-13.2	6.0	0	88	277	14	5,393	2	-26.2	7.7	0	89	277	21	8,903	2	-49.7	8.3	0	89	272	31
		11,504	2	-54.7		0	95	269	31	13,350	2	-53.1		0	97	269	25	15,951	2	-55.6		0	96	269	20	20,339	3	-57.1		0	90	271	13	23,576	4	-56.1		0	58	268	9
STEPHENVILLE	2	1,006		-7.7	2.4					1,364	1	-11.0	6.0	0	82	265	11	2,846	1	-15.0	9.0	0	91	266	18	5,334	1	-27.3	10.5	1	92	264	26	8,843	1	-49.0	9.7	1	91	258	36
		11,463	1	-53.5		6	94	255	34	13,317	1	-52.5		7	95	256	30	15,924	1	-54.8		7	96	256	26	20,343	2	-55.4		6	93	256	16	23,593	3	-55.0		4	65	250	10
SHELBURNE	2	1,013		-1.7	2.0					1,426	2	-3.5	7.8	0	80	269	11	2,946	2	-9.3	7.9	0	92	265	18	5,485	2	-22.6	9.4	0	91	261	27	9,042	2	-47.9	8.4	1	88	259	37
		11,652	2	-55.9		5	89	259	33	13,483	2	-55.1		4	94	260	31	16,058	2	-57.6		4	93	258	23	20,420	2	-57.8		5	91	259	13	23,652	2	-56.6		5	71	254	10
SABLE ISLAND	2	1,016		-0.3	2.3					1,428	1	-3.0	6.1	0	86	258	14	2,952	1	-8.3	9.8	0	92	257	22	5,499	1	-21.6	11.2	0	92	255	30	9,074	1	-46.9	9.6	0	89	255	41
		11,684	1	-56.8		0	92	256	39	13,514	1	-55.2		0	95	257	32	16,087	1	-58.0		0	96	254	27	20,451	4	-57.2		0	94	255	21	23,698	4	-55.7		2	89	250	21
ST. JOHN'S (TORBAY)	2									1,383	1	-6.6	7.0	0	84	263	14	2,887	1	-11.6	9.2	0	90	259	20	5,400	1	-25.0	8.8	0	92	257	32	8,937	1	-47.9	9.8	0	90	256	45
		11,569	3	-54.6		1	93	258	41	13,411	3	-54.1		4	95	258	34	15,990	3	-56.3		0	95	258	26	20,402	5	-56.0		0	95	251	15	23,652	6	-55.0		1	74	243	10
UNITED STATES-NORTHWEST																																									
QUILLAYUTE	2	1,008		6.6	1.1					1,448	0	1.1	6.6	0	80	201	8	2,987	0	-7.2	10.5	1	77	227	11	5,531	0	-23.7	7.5	0	74	239	15	9,064	0	-50.0		1	73	252	21
		11,647	0	-57.5		1	84	256	21	13,482	0	-53.9		1	91	262	15	16,074	2	-55.9		3	90	270	10	20,485	8	-55.3		8	56	326	3	23,783	12	-53.3		12	68	47	7
MEDFORD	2	970		6.1	2.3					1,479	0	5.0	5.3	0	58	182	3	3,038	0	-3.9	10.4	0	70	231	8	5,614	0	-20.7	10.1	1	76	238	13	9,182	0	-48.0		0	71	260	18
		11,774	0	-60.2		1	81	262	20	13,581	0	-57.3		1	89	260	17	16,138	0	-59.0		1	90	267	11	20,479	0	-59.0		0	41	360	2	23,699	0	-57.1		0	76	57	6
SPOKANE	2	931		3.2	1.8					1,464	2	3.2	7.5	3	77	238	6	3,012	2	-6.1	7.8	2	82	257	9	5,562	2	-23.1	8.3	2	82	267	16	9,105	3	-50.5		3	76	272	23
		11,671	3	-59.9		4	86	276	23	13,493	4	-56.0		4	89	272	18	16,061	5	-57.6		7	95	283	12	20,442	7	-56.9		8	58	347	4	23,693	9	-55.5		10	65	35	8
GREAT FALLS	2	885		2.7	5.9					1,449	0	4.4	9.9	3	84	251	8	3,000	0	-6.1	7.9	3	85	272	11	5,548	0	-23.7	8.7	4	87	287	15	9,060	4	-50.8		4	84	287	25
		11,628	5	-58.5		5	85	286	22	13,450	5	-55.0		5	90	285	18	16,037	6	-56.6		6	93	289	13	20,438	11	-56.0		11	58	321	4	23,707	14	-54.3		14	42	26	5
BISMARCK	2	955		-0.3	3.2					1,436	0	0.5	8.8	1	61	316	6	2,974	0	-7.1	8.1	1	76	301	10	5,512	1	-24.0	7.6	2	79	298	16	9,038	1	-50.6		2	72	298	21
		11,619	1	-57.2		2	83	292	24	13,451	2	-53.6		3	90	289	19	16,043	3	-56.2		4	93	294	14	20,461	6	-55.9		7	69	327	5	23,737	8	-54.9		8	61	23	7
HURON/HOWES MUN	2	967		-0.1	2.6					1,431	0	1.8	12.2	1	47	309	6	2,977	0	-5.8	10.1	1	68	306	10	5,529	1	-22.9	9.1	1	75	298	14	9,066	1	-50.1		1	77	291	20
		11,658	2	-57.9		2	84	289	22	13,485	2	-55.3		2	90	288	19	16,059	2	-57.6		2	90	289	14	20,439	7	-57.3		7	77	315	6	23,699	15	-56.3		18	54	42	5
RAPID CITY	2	903		2.4	4.7					1,454	0	3.7	8.8	0	60	318	6	3,008	0	-4.7	9.7	0	75	312	9	5,529	0	-22.3	10.0	0	78	300	14	9,119	0	-49.7		0	73	301	20
		11,700	0	-58.7		0	80	289	20	13,515	0	-56.4		0	90	289	17	16,075	0	-58.6		2	91	290	14	20,422	1	-58.9		2	75	310	6	23,667	5	-56.8		5	53	16	5
BOISE	2	916		5.2	4.3					1,484	0	6.3	9.2	0	17	268	1	3,047	0	-4.0	8.9	0	75	273	7	5,621	0	-20.7	11.3	0	75	265	12	9,184	0	-49.0		0	71	273	17
		11,768	0	-59.6		2	81	280	18	13,569	3	-56.7		4	87	276	15	16,126	4	-58.5		5	92	280	11	20,474	6	-58.2		6	62	333	3	23,709	6	-55.9		6	70	43	6
WINNEMUCCA	2	868		2.0	4.7					1,488	0	7.4	9.5	2	56	196	2	3,061	0	-2.4	8.6	1	74	246	6	5,647	0	-19.8	11.4	1	64	262	8	9,225	0	-47.5		0	66	274	14
		11,822	0	-59.9		0	78	274	17	13,621	1	-57.7		2	88	277	16	16,168	1	-60.2		3	94	275	12	20,488	2	-59.6		3	51	334	2	23,705	5	-57.6		5	65	49	4
ELY	2	809		-0.4	3.4													3,073	0	-1.7	8.3	2	44	278	3	5,664	0	-19.4	10.6	2	67	282	8	9,249	0	-47.7		1	67	274	13
		11,846	0	-59.3		4	76	282	14	13,646	0	-58.5		3	85	277	16	16,186	0	-60.9		3	94	280	11	20,489	4	-60.5		6	51	349	2	23,694	5	-57.8		7	74	58	5
SALT LAKE CITY	2	871		5.3	5.1					1,490	2	7.4	10.0	2	53	167	2	3,064	2	-2.2	9.0	2	62	272	5	5,647	2	-20.2	10.3	2	73	277	8	9,216	2	-48.7		2	64	288	13
		11,798	3	-59.1		5	76	281	15	13,596	5	-57.5		7	85	277	15	16,145	5	-60.3		7	89	281	11	20,465	7	-59.3		7	60	335	3	23,671	9	-57.5		9	53	30	4
GRAND JUNCTION	2	852		5.0	9.6					1,534	14	7.6	13.5	14	94	125	3	3,061	3	-1.9	9.2	3	60	269	4	5,647	3	-19.8	10.1	4	69	279	9	9,224	4	-48.3		4	73	282	15
		11,818	4	-59.5		5	82	291	18	13,622	4	-58.0		5	89	279	17	16,160	5	-60.7		5	94	281	13	20,468	8	-59.4		8	52	319	2	23,682	14	-57.9		15	59	49	4
DENVER	2	834		2.7	7.8													3,035	1	-0.7	12.9	1	78	297	7	5,628	1	-19.5	12.8	1	74	304	10	9,213	2	-48.0		4	74	289	15
		11,802	3	-58.6		4	81	284	18	13,612	3	-57.4		3	91	282	18	16,158	3	-60.6		3	92	286	13	20,470	4	-59.7		5	73	311	4	23,678	6	-57.7		8	47	35	3
OMAHA (NORTH)	2	967		3.0	4.3					1,446	1	2.9	9.0	1	43	283	6	3,000	1	-4.2	11.2	1	71	292	9	5,568	1	-21.6	10.4	1	73	290	14	9,126	1	-48.4		2	72	276	19
		11,722	1	-58.3		3	84	276	23	13,536	1	-57.1		2	90	280	20	16,090	1	-59.3		2	88	282	14	20,422	2	-59.5		3	73	301	5	23,640	7	-57.7		7	49	345	4
NORTH PLATTE	2	916		1.6	3.3					1,456	0	5.0	10.0	1	36	305	4	3,020	0	-3.5	8.6	0	72	298	10	5,592	0	-21.4	9.6	0	80	294	13	9,152	0	-48.6		1	69	289	16
		11,746	0	-58.7		1	80	284	19	13,557	0	-57.7		0	89	285	19	16,106	0	-59.7		0	90	287	14	20,426	0	-59.5		0	77	310	6	23,639	3	-58.1		3	49	5	4
UNITED STATES-NORTHEAST																																									
INTERNATIONAL FALLS	2	971		-5.8	2.9					1,403	0	-5.0	6.5	3	61	291	7	2,913	0	-11.2	9.4	0	73	307	10	5,424	0	-26.3	8.2	0	85	300	18	8,926	0	-51.5		0	83	296	26
		11,507	3	-54.6		3	87	293	23	13,362	3	-52.4		3	91	294	20	15,974	4	-54.9		4	92	294	16	20,390	4	-55.4		4	87	316	9	23,652	5	-55.3		6	57	345	7
ST. CLOUD	2	977		-3.3	2.5					1,421	0	-0.9	10.2	0	44	296	6	2,953	0	-7.9	11.3	0	70	302	11	5,493	0	-23.9	8.7	0	80	299	17	9,024	0	-50.2		0	75	292	22
		11,611	0	-57.1		1	82	288	24	13,445	0	-54.4		1	88	287	20	16,029	0	-57.1		0	91	291	16	20,396	0	-57.6		0	84	303	9	23,621	1	-57.2		2	53	316	7
SAULT STE. MARIE	2	988		-5.7	1.8					1,403	0	-5.8	6.5	0	62	296	6	2,911	0	-11.4	7.1	0	78	281	12	5,421	0	-26.4	6.9	0	81	282	17	8,925	0	-50.7		1	82	280	25
		11,521	0	-55.7		1	87	280	26	13,365	0	-53.5		1	90	279	22	15,961	0	-56.2		1	93	282	19	20,344	1	-57.6		1	85	286	12	23,591	3	-56.2		3	55	299	8
CARIBOU	2	991		-8.0	3.3					1,383	0	-8.6	5.0	1	70	279	9	2,879	0	-13.1	7.9	0	83	271	14	5,377	0	-26.8	9.8	0	88	264	23	8,884	0	-49.6		3	84	262	33
		11,502	0	-53.4		6	92	262	32	13,356	0	-52.7		8	95	261	27	15,958	1	-55.8		7	95	263	22	20,355	2	-56.8		6	91	262	14	23,607	5	-56.0		8	55	262	8
PORTLAND/INTL JET PORT	2	1,014		-1.7	5.1					1,423	0	-3.4	7.9	0	77	269	9	2,941	0	-10.0	8.4	0	86	262	15	5,467	0	-24.5	10.3	0	88	262	24	9,009	0	-48.1		1	85	262	31
		11,626	0	-54.9		5	90	264	30	13,466	0	-54.5		4	94	258	25	16,049	0	-57.0		4	96	262	22	20,418	0	-57.6		4	93	264	13	23,651	2	-56.5		3	51	259	6
DAYTON	2	982		2.5	6.0					1,464	0	-0.1	8.5	4	77	266	10	3,000	0	-6.7	11.1	1	77	267	12	5,557	0	-22.1	11.0	1	81	271	19	9,118	0	-47.8		2	74	271	24
		11,724	0	-57.6		4	85	268	26	13,545	0	-56.7		4	89	270	22	16,105	0	-59.3		4	91	267	17	20,433	2	-59.8		6	88	273	8	23,642	4	-57.6		7	69	279	7

UPPER AIR DATA

MARCH 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
UNITED STATES-NORTHEAST																																											
BUFFALO	2	990		0.3	4.3					1,436	0	-3.7	6.1	0	85	267	12	2,955	0	-9.3	9.3	1	87	273	14	5,488	0	-23.5	10.2	1	87	277	20	9,031	0	-48.8		2	78	277	23
		11,639	1	-56.4		3	90	274	28	13,476	1	-54.2		3	95	268	23	16,062	1	-56.8		3	96	269	19	20,426	3	-58.0		5	90	274	11	23,651	7	-56.8		8	60	277	7
WASHINGTON DULLES	2	1,009		1.9	4.5					1,473	1	0.3	9.3	4	73	282	9	3,018	1	-5.4	12.5	2	84	266	13	5,582	2	-21.0	11.1	2	86	268	19	9,161	2	-47.2		2	84	265	24
		11,774	3	-57.0		4	92	265	27	13,601	2	-56.5		3	94	264	27	16,156	2	-60.1		3	95	260	20	20,476	3	-59.2		4	95	266	9	23,688	6	-57.7		7	66	265	7
UNITED STATES-SOUTHWEST																																											
SAN DIEGO	2	1,002		11.9	1.6					1,500	0	9.8	16.2	1	40	290	2	3,087	0	0.7	17.1	0	54	269	5	5,701	0	-17.2	14.9	0	72	287	11	9,329	0	-43.9		1	81	290	21
		11,961	0	-57.2		4	86	273	21	13,767	0	-59.9		4	91	269	23	16,268	0	-65.3		6	94	268	15	20,492	3	-62.2		8	54	301	2	23,681	4	-58.2		6	60	22	2
DESERT ROCK	2	900		9.4	8.9					1,488	0	10.9	14.5	1	27	188	1	3,074	0	-0.3	12.2	1	42	264	3	5,676	0	-18.5	11.3	1	56	274	6	9,283	1	-45.5		2	59	285	11
		11,895	2	-58.4		6	75	280	13	13,700	2	-58.7		6	84	276	16	16,229	3	-62.8		7	91	272	11	20,505	6	-61.4		8	36	329	2	23,707	8	-58.0		8	64	54	3
EL PASO	2	882		7.8	11.1					1,507	0	12.4	17.1	1	36	244	2	3,103	0	1.3	14.4	1	70	273	6	5,716	0	-17.2	13.5	0	74	271	10	9,336	0	-44.4		2	79	270	17
		11,968	0	-56.4		2	93	278	25	13,787	1	-59.3		3	97	275	25	16,282	1	-66.3		3	96	277	19	20,494	4	-62.5		5	67	305	3	23,673	4	-59.0		4	43	337	2
ALBUQUERQUE	2	837		4.8	8.0													3,076	0	-0.3	10.6	2	78	288	6	5,676	0	-18.5	13.5	3	77	268	9	9,274	1	-46.6		5	76	283	11
		11,889	2	-58.6		7	90	281	17	13,692	3	-59.3		6	95	277	20	16,206	4	-63.5		7	96	275	17	20,453	5	-61.9		7	78	296	4	23,637	10	-59.5		11	43	23	2
OKLAHOMA CITY/W ROGERS WORLD	2	969		8.2	4.9					1,484	0	8.5	10.8	2	68	251	9	3,064	0	-0.9	12.9	2	74	289	8	5,664	0	-18.6	14.1	2	74	280	12	9,264	2	-45.6		3	71	268	20
		11,879	2	-58.6		3	81	271	24	13,688	2	-58.3		3	89	271	27	16,217	3	-62.6		3	90	277	16	20,484	4	-61.0		4	60	285	4	23,680	6	-58.0		6	32	330	2
STEPHENVILLE	2	971		8.3	3.1					1,511	3	9.6	11.3	3	50	248	5	3,099	3	0.6	14.6	3	55	292	5	5,713	3	-17.2	14.9	4	75	266	10	9,344	3	-43.8		5	84	269	19
		11,971	3	-57.9		7	93	275	26	13,780	3	-59.3		10	96	274	27	16,276	4	-66.0		11	96	277	19	20,487	4	-62.8		9	80	282	6	23,669	4	-58.2		8	48	302	3
VICTORIA	2	1,014		12.7	1.9					1,518	0	10.5	15.1	1	34	239	3	3,112	0	2.2	17.8	1	65	278	6	5,744	0	-15.1	14.5	1	80	265	13	9,403	0	-42.3	7.6	1	89	265	26
		12,051	0	-55.5		1	93	268	36	13,863	1	-61.3		1	95	268	36	16,331	1	-68.8		2	93	270	22	20,494	2	-63.2		2	71	281	4	23,686	2	-57.8		2	55	299	2
BROWNSVILLE	2	1,016		15.8	2.0					1,520	0	13.2	14.1	1	24	196	2	3,128	0	4.9	17.0	1	50	280	4	5,784	0	-13.1	15.5	1	87	268	14	9,475	0	-39.9	9.7	1	93	272	29
		12,151	0	-54.2		1	95	268	40	13,960	0	-62.5		1	96	269	35	16,399	0	-71.9		2	96	269	23	20,517	3	-63.9		4	66	280	3	23,706	4	-56.8		5	31	291	1
UNITED STATES-SOUTHEAST																																											
WALLOPS ISLAND	2	1,019		4.2	4.7					1,491	0	2.0	10.9	1	76	270	9	3,037	0	-5.4	12.3	1	86	269	13	5,610	0	-20.3	11.5	1	89	255	22	9,194	0	-46.3		1	88	260	28
		11,820	1	-56.0		2	93	261	32	13,646	1	-56.9		2	96	262	30	16,187	1	-61.5		4	96	259	22	20,493	1	-59.6		5	91	266	10	23,701	2	-57.4		6	70	261	7
MONETT	2	966		5.3	5.4					1,487	0	5.6	12.2	1	65	261	8	3,051	0	-3.0	13.5	0	72	279	9	5,633	0	-19.9	13.1	0	73	277	13	9,222	0	-45.9		0	69	275	20
		11,833	0	-57.9		1	82	276	25	13,645	0	-57.9		1	88	278	24	16,181	0	-61.7		1	91	280	17	20,468	1	-60.4		2	80	291	6	23,666	2	-58.2		2	46	322	3
NORTH LITTLE ROCK	2	999		8.7	7.3					1,501	0	5.7	13.1	1	61	265	6	3,066	0	-2.8	13.4	0	72	276	9	5,655	0	-19.1	12.8	0	74	274	15	9,253	0	-45.8		1	72	273	20
		11,863	0	-58.1		2	85	270	26	13,669	0	-58.9		2	88	275	26	16,181	0	-64.1		2	91	272	19	20,429	0	-61.6		1	80	287	5	23,613	1	-58.5		2	39	304	3
LONGVIEW	2	1,004		10.2	4.6					1,515	0	8.0	13.2	0	54	255	5	3,092	0	-0.5	16.6	0	72	275	9	5,701	0	-17.4	14.9	0	74	279	13	9,325	0	-43.9		2	82	267	23
		11,951	0	-57.4		5	87	276	25	13,761	0	-59.7		6	92	276	28	16,262	0	-65.1		6	93	276	19	20,487	4	-61.7		9	79	292	5	23,677	5	-58.0		9	52	292	3
NASHVILLE	2	998		6.2	4.0					1,494	0	3.4	11.1	1	63	264	8	3,048	0	-3.9	14.1	1	73	280	10	5,629	0	-19.8	12.8	2	74	269	15	9,221	0	-45.7		5	65	269	17
		11,835	2	-57.8		11	78	262	22	13,648	2	-58.0		11	88	265	23	16,181	2	-62.3		11	91	266	17	20,467	3	-59.9		11	92	271	7	23,673	5	-57.6		12	57	280	4
WAYCROSS	2	1,015		9.5	4.4					1,515	0	6.6	11.2	4	48	274	5	3,090	0	-1.1	14.8	1	58	262	7	5,697	1	-17.2	15.9	1	79	265	15	9,328	1	-43.4	8.8	1	85	263	24
		11,969	1	-56.0		2	95	267	34	13,786	2	-59.6		5	97	262	34	16,271	4	-66.4		8	98	264	24	20,490	5	-62.4		6	84	270	7	23,687	5	-57.4		5	54	269	4
CAPE HATTERAS	2	1,020		9.2	3.5					1,511	0	4.4	9.6	0	58	268	5	3,071	0	-2.9	14.6	0	80	261	10	5,662	0	-18.7	12.6	0	82	248	17	9,257	2	-45.3		3	79	253	22
		11,888	3	-55.7		4	89	258	26	13,716	3	-57.4		5	96	256	28	16,237	3	-63.3		5	96	253	21	20,502	4	-60.6		5	93	262	8	23,703	6	-57.2		8	78	260	6
CHARLESTON	2	1,019		9.5	3.3					1,514	1	6.0	9.7	1	51	265	5	3,083	1	-1.7	14.5	1	76	263	11	5,685	1	-17.7	14.6	1	81	259	18	9,308	1	-43.9	6.0	4	82	261	26
		11,941	3	-55.9		6	94	260	32	13,754	4	-58.3		7	96	260	30	16,266	5	-64.8		8	97	260	22	20,510	4	-61.4		6	93	266	8	23,712	6	-57.3		8	57	270	4
CENTREVILLE	2	1,004		7.7	4.8					1,517	2	6.4	12.3	6	42	265	5	3,088	2	-1.1	15.7	6	62	279	8	5,690	2	-17.9	13.9	6	79	283	14	9,313	2	-43.9		6	77	280	22
		11,943	2	-56.6		7	90	274	27	13,760	3	-58.2		8	93	272	29	16,274	3	-64.7		8	95	271	22	20,525	5	-61.2		10	91	276	7	23,715	7	-57.4		12	84	278	6
APALACHICOLA	2	1,019		12.4	3.2					1,523	0	8.4	11.5	0	44	247	4	3,103	0	0.3	16.2	2	58	273	7	5,727	1	-15.9	16.0	2	84	271	15	9,376	2	-42.5	7.8	3	90	269	24
		12,028	2	-55.4		4	96	266	35	13,846	2	-60.1		4	97	263	37	16,325	3	-68.0		4	97	264	25	20,515	6	-62.6		7	65	251	5	23,707	6	-57.6		6	60	282	4
WEST PALM BEACH	2	1,018		16.8	2.5					1,535	0	10.1	7.9	3	16	222	1	3,130	0	2.8	14.0	0	59	248	6	5,778	0	-13.3	15.9	0	89	257	14	9,469	2	-39.3	12.5	3	96	261	30
		12,154	2	-53.0		3	97	263	37	13,975	2	-61.5		4	97	261	33	16,424	2	-71.3		4	98	259	24	20,561	3	-64.0		4	76	273	4	23,754	4	-56.5		4	21	357	1
KEY WEST	2	1,018		19.9	2.9					1,537	0	11.4	7.2	4	24	196	2	3,138	0	4.4	14.4	2	64	261	6	5,797	0	-11.8	17.9	1	90	269	13	9,515	0	-37.7	12.2	1	96	262	29
		12,214	0	-53.5		1	96	265	34	14,025	0	-63.2		0	96	262	29	16,450	1	-73.1		1	97	261	21	20,554	1	-64.5		1	84	271	4	23,748	1	-55.4		1	24	12	1
MEXICO-NORTHERN																																											
EMPALME	2	1,013		16.2	8.4					1,515	0	14.5	16.4	0	31	291	2	3,121	0	3.4	16.5	0	37	253	3	5,762	0	-14.6	14.4	0	81	272	12	9,443	0	-40.0	8.2	0	91	276	28
		12,110	0	-54.6		0	95	271	35	13,926	0	-61.1		1	97	272	31	16,392	1	-69.0		1	96	269	22	20,552	5	-63.5		6	77	276	5	23,741	6	-57.3		6	58	301	2
CHIHUAHUA UNIV. DE	2	858		7.3	8.5					1,509	0	10.8	14.1	0	57	250	2	3,111	0	2.8	13.8	0	57	257	5	5,743	0	-15.5	12.4	0	82	263	12	9,402	0	-41.4	7.0	5	94	266	25
		12,059	0	-55.2		6	96	269	32	13,873	0	-61.1		6	97	268	30	16,337	1	-69.5		7	97	268	22	20,493	8	-63.5		13	59	304	3	23,683	10	-57.9		12	46	293	2
BELIZE																																											
BELIZE INTL. AIRPORT	2	1,015		20.1	0.7					1,528	10	15.2	8.5	11	48	102	3	3,154	10	8.5	16.9	10	28	36	1	5,855	10	-7.1	19.0	10	86	294	9	9,637	11	-34.4	14.2	11	96	273	24
		12,345	11	-55.1		11	96	277	28	14,131	11	-66.9		11	96	281	24	16,515	11	-77.0		11	94	286	12	20,565	11	-65.2		11	80	278	4	23,766	12	-53.4		12	83	85	4
ADJACENT ISLANDS																																											
NASSAU INTL.AP BAHAMAS	2	1,018		19.4	2.3					1,537	1	11.2	7.0	1	17	209	1	3,136	1	3.6	11.0	1	68	250	7	5,798	1	-11.5	14.3	2	92	259	15	9,530	4	-37.1	11.9	4	96	258	35
		12,228	4	-54.0		4	97	261	42	14,031	4	-64.1		6	97	262	34	16,442	4	-74.5		8	97	263	23	20,528	9	-63.6		11	50	343	2	23,720	10	-56.1		10	86	61	5
OWENS ROBERTS AP, GRAND CAYM	2	1,015		22.8	2.4					1,533	5	14.1	3.8	6	55	122	4	3,153	5	7.6	16.5	5	6	345	**	5,850	5	-8.0	16.5	5	84	270	11	9,625	5	-34.6	14.4	9	92	268	20
		12,335	5	-54.8		18	94	272	21	14,123	5	-66.7		19	97	268	15	16,509	5	-76.4		21	77	273	5	20,556	5	-66.4		18	74	320	3	23,745	6	-54.6		17	90	74	5
SAN JUAN/INT., P.R.	2	1,017		21.6	2.2					1,545	0	12.7	2.7	0	91	104	7	3,159	0	6.7	16.7	0	84	84	5	5,861	0	-6.5	19.1	0	21	286	2	9,648	0	-34.3	14.5	0	83	306	14
		12,366	0	-54.4		1	88	289	17	14,157	1	-66.5		1	85	296	13	16,537	1	-77.5		1	67	292	6	20,579	1	-66.0		1	55	26	2	23,761	2	-55.8		3	83	76	4
RAIZET, GUADELOUPE	2	1,016		22.4	2.9					1,536	0	12.9	3.8	0	95	97	7	3,147	0	7.1	17.7	0	77	76	5	5,853	0	-5.6	25.0	0	42	29	3	9,647	0	-32.8	19.8	0	83	312	11
		12,378	0	-53.3		0	90	288	14	14,172	0	-66.6		0	88	298	12	16,543	0	-78.2		1	65	310	5	20,548	2	-67.9		3	67	356	3	23,716	9	-56.4		9	82	56	4
HATO AP.CURACAO	3	1,007		25.4	4.0					1,517	0	15.9	5.7	0	96	89	8	3,146	0	8.5	13.7	0	41	112	2	5,867	0	-4.6	18.9	0	60	64	4	9,681	0	-32.3	14.4	0	51	300	4
		12,409	0	-54.4		0	66	257	6	14,195	0	-67.7		1	60	282	5	16,560	1	-78.6		1	23	346	1	20,593	4	-66.0		4	78	285	5	23,758	4	-56.3		6	27	320	1

UPPER AIR DATA

MARCH 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
DOMINICAN REPUBLIC																																									
SANTO DOMINGO	2	1,014		21.4	1.6					1,536	4	14.0	3.4	4	69	84	5	3,155	4	7.1	11.6	4	61	91	4	5,858	4	-6.2	18.4	4	47	272	4	9,659	5	-33.3	13.7	5	87	285	17
		12,387	8	-53.5		9	93	272	21	14,183	8	-65.9		11	92	277	17	16,575	8	-76.1		11	74	279	7	20,629	10	-65.0		14	64	58	3	23,826	10	-54.3		14	72	67	3
SOUTH AMERICA																																									
FRENCH GUIANA																																									
CAYENNE/ROCHAMBEAU	2	1,010		23.9	1.6					1,501	0	15.7	2.9	0	98	67	9	3,130	0	8.9	11.4	0	76	82	6	5,842	0	-5.5	11.7	1	46	128	2	9,662	1	-30.9	14.4	1	28	226	2
		12,404	0	-53.1		2	52	206	6	14,195	2	-67.4		2	60	250	7	16,558	2	-78.4		5	70	287	6	20,579	3	-66.9		9	96	274	16	23,810	9	-60.6		9	99	275	26
COLOMBIA																																									
GAVIOTAS		990		24.8	3.7					1,496	2	18.5	5.4	2	79	31	5	3,131	2	8.6	3.9	2	32	37	2	5,837	2	-5.5	12.1	2	70	81	5	9,635	3	-33.8	12.7	3	45	107	4
		12,329	4	-57.3		8	10	88	1	14,044	5	-70.8						16,446	5	-74.5																					
BRAZIL-NORTHERN																																									
CACHIMBO		961		22.9	2.5					1,498	12	17.8	3.2	11	72	40	5	3,138	11	8.9	4.7	11	68	82	4	5,856	11	-5.8	8.0	11	80	103	3	9,680	11	-31.6	13.8	11	58	115	3
		12,414	11	-53.5		11	68	152	7	14,189	13	-67.8		12	72	145	9																								
BELEM/AERO VAL DE CAS		1,012		25.8	2.8					1,529	7	17.2	3.7	6	8	252	9	3,170	6	9.1	5.7	6	4	230	4	5,888	6	-5.6	9.9	6	2	173	2	9,708	7	-32.3	14.4	6	4	134	4
		12,446	6	-52.8		6	6	139	8	14,250	6	-66.0		6	56	228	5	16,622	7	-78.4		7	54	241	9	20,659	10	-66.9		9	67	250	20	23,802	11	-59.9		10	73	252	32
FERNANDO DE NORONHA		1,005		26.4	2.9					1,520	8	17.2	3.9	3	2	246	17	3,161	8	9.5	6.2	8	23	237	13	5,874	8	-5.3	11.1	8	12	220	8	9,688	8	-32.0	15.0	8	10	183	7
		12,423	8	-53.7		8	9	174	8	14,206	8	-67.2		8	6	205	5	16,572	8	-78.3		8	7	220	6	20,618	14	-67.1		14	14	248	20								
BRAZIL-SOUTHERN																																									
CAMPO GRANDE (AEROPORTO)		948		24.7	5.2					1,513	5	21.0	7.3	5	70	30	3	3,165	5	10.9	7.4	6	71	354	4	5,887	5	-5.4	15.0	5	35	338	3	9,702	5	-31.6	18.3	5	29	291	5
		12,442	5	-52.2		5	36	269	9	14,252	9	-65.3		9	43	354	13	16,650	9	-76.7		9	42	251	20																
BRASILIA/AEROPORTO/		899		22.1	5.2					1,538	6	19.6	5.0	7	53	256	23	3,181	6	9.1	8.4	7	38	259	19	5,901	6	-5.5	13.8	6	45	73	2	9,719	6	-32.2	15.4	6	51	115	7
		12,448	8	-54.1		7	49	137	15	14,231	8	-67.9		8	52	138	23	16,597	10	-77.4		10	52	133	30																
TRINIDADE/ILHA/		1,017		28.7	5.5					1,556	3	15.3	4.8	3	94	80	7	3,184	5	9.1	17.8	3	90	96	4	5,897	5	-6.1	32.6	3	30	130	2	9,671	4	-35.1	29.2	5	35	275	3
		12,375	6	-55.6		6	44	259	5	14,153	8	-67.0		9	50	295	4	16,544	15	-75.3		15	39	355	2																
GALEAO		1,010		26.0	5.2					1,546	4	17.2	4.0	3	10	246	0	3,181	3	8.3	8.6	5	36	240	2	5,885	4	-7.4	10.9	4	49	281	3	9,664	4	-34.3	9.4	3	61	305	8
		12,373	5	-55.6		6	45	291	8	14,149	6	-68.0		8	15	253	2	16,530	9	-76.1		10	26	179	2	20,618	10	-65.4		13	84	110	10	23,783	12	-56.1					
SAO PAULO(AEROPORTO)		925		22.0	4.4					1,539	0	18.0	4.8	0	54	6	3	3,181	0	9.6	10.6	0	78	318	4	5,897	0	-6.4	15.9	0	64	281	4	9,694	0	-33.1	16.9	0	78	274	10
		12,424	0	-53.4		0	74	268	13	14,220	0	-66.1		0	75	258	12	16,607	0	-75.9		0	48	260	4	20,686	4	-65.2		4	94	88	9	23,879	4	-55.0		4	98	100	14
CURITIBA (AEROPORTO)		915		19.0	3.2					1,542	1	15.8	3.5	0	37	5	2	3,169	0	8.7	11.1	0	69	302	4	5,872	0	-7.1	19.5	0	67	276	6	9,656	1	-33.6	18.2	1	86	263	12
		12,385	1	-53.0		2	89	259	17	14,190	2	-64.9		6	86	255	13	16,592	5	-74.5		10	59	254	5	20,717	15	-63.3		15	86	73	8	23,930	13	-52.7		15	98	88	43
PORTO ALEGRE (AEROPORTO)		1,014		22.4	3.9					1,526	1	15.5	9.0	0	60	273	5	3,152	2	7.8	17.1	0	49	250	4	5,848	1	-8.3	21.9	0	78	253	10	9,600	2	-36.1	17.8	1	95	252	18
		12,306	2	-54.3		4	96	248	27	14,108	2	-64.1		8	95	244	24	16,542	3	-72.0		11	88	244	14	20,712	4	-61.1		14	38	82	2	23,930	4	-51.7		14	83	76	9
EUROPE																																									
GREENLAND																																									
DANMARKSHAVN	3	999		-23.7	4.4					1,208	0	-18.7	10.1	0	57	283	4	2,657	0	-20.5	10.5	0	54	243	6	5,073	0	-35.6	9.4	0	62	240	10	8,458	0	-56.7		0	67	233	15
		11,017	0	-56.6		0	79	228	16	12,843	0	-56.4		0	79	227	16	15,408	0	-57.6		1	77	232	16	19,849	3	-56.3		3	60	254	13	23,044							
SCORESBYSUND	3	989		-16.1	3.4					1,218	0	-13.9	8.6	0	26	18	2	2,684	0	-18.1	11.1	0	17	159	2	5,123	0	-33.5	10.6	0	45	199	7	8,533	0	-55.2		0	57	211	12
		11,110	0	-55.2		0	81	220	16	12,949	0	-54.6		0	84	223	18	15,552	1	-53.7		1	86	229	20	19,996	4	-53.8		4	78	246	21	23,300	5	-54.1		5	74	269	21
EGEDESMINDE	3	989		-15.5	3.2					1,168	0	-20.3	4.5	0	56	200	4	2,589	0	-26.1	7.1	0	74	185	8	4,953	0	-39.9	4.3	0	83	180	14	8,304	0	-55.4		1	77	187	15
		10,888	0	-54.6		1	83	209	13	12,733	0	-53.8		3	79	221	12	15,351	0	-51.7		3	67	234	13	19,931	1	-47.3		7	56	260	14	23,327	2	-45.6					
ANGMAGSSALIK	3	982		-6.4	3.5					1,181	0	-11.3	6.8	0	67	84	6	2,647	0	-19.5	8.3	0	55	113	6	5,066	0	-35.7	9.0	0	45	149	6	8,466	0	-53.5		0	66	198	12
		11,066	0	-53.3		0	85	217	14	12,922	0	-52.3		0	89	224	17	15,550	0	-51.5		0	86	233	20	20,081	1	-50.2		1	76	242	20	23,426	1	-51.0		1	64	256	17
NARSSARSSUAQ	3	991		-8.1	6.1					1,190	0	-14.4	6.3	0	26	201	1	2,641	0	-22.0	8.0	0	44	260	5	5,045	0	-36.0	9.8	0	56	214	23	8,459	0	-51.2		0	74	235	16
		11,091	0	-50.6		0	91	244	19	12,970	0	-50.0		0	90	245	20	15,619	0	-49.7		0	91	246	21	20,151	0	-51.2		0	81	248	19	23,522	0	-52.1		0	67	253	17
UNITED KINGDOM																																									
LERWICK	3	989		4.4	2.2					1,299	0	-3.2	3.6	0	75	220	11	2,811	0	-11.8	7.5	0	72	241	15	5,304	0	-28.5	7.5	0	66	229	12	8,780	0	-50.5		0	66	238	14
		11,384	0	-55.0		0	74	249	14	13,231	0	-53.5		0	84	253	13	15,829	0	-55.8		0	89	260	14	20,230	2	-58.2		2	85	281	14	23,459	5	-59.2		5	76	296	15
STORNOWAY	3	998		5.6	2.6					1,298	0	-3.2	3.4	0	65	233	13	2,811	0	-11.5	7.3	0	76	238	13	5,309	0	-28.1	7.8	0	62	241	13	8,794	0	-49.8		0	58	261	16
		11,404	0	-54.3		0	70	253	16	13,253	0	-53.3		0	83	254	15	15,857	0	-54.8		0	87	260	14	20,274	0	-57.6		0	87	279	13	23,474	0	-59.3		2	75	294	15
AUGHTON	3	1,002		5.0	3.1					1,380	0	-2.6	6.0	0	66	246	9	2,892	0	-10.8	8.2	0	72	254	11	5,409	0	-26.4	8.6	0	72	268	15	8,916	0	-49.2		0	68	276	19
		11,518	0	-56.1		0	76	276	17	13,355	0	-54.5		0	86	269	15	15,941	0	-56.5		0	89	271	13	20,316	1	-58.6		0	83	289	10	23,521	1	-59.4		1	69	298	11
CRAWLEY	3	995		4.5	2.1					1,415	0	-1.4	6.5	0	66	250	8	2,938	0	-9.6	11.1	0	79	260	11	5,460	0	-25.4	11.5	0	72	275	14	8,979	0	-49.3		0	67	290	20
		11,572	0	-56.7		0	76	287	18	13,407	0	-55.1		0	82	277	14	15,981	0	-57.2		0	84	277	11	20,339	0	-59.3		0	7	290	9	23,541	0	-59.7		0	64	304	10
IRELAND																																									
VALENTIA OBSERVATORY	3	1,007		7.2	3.1					1,383	0	-1.6	5.0	0	64	248	11	2,906	0	-9.5	9.3	0	71	255	14	5,432	0	-24.8	11.6	0	75	259	20	8,958	1	-48.3	12.4	2	63	272	21
		11,567	1	-55.9		3	71	275	19	13,404	1	-53.7		4	82	272	16	16,001	1	-55.6		5	90	268	14	20,380	11	-57.1						23,601	15	-58.2					
DENMARK AND FAROE IS																																									
THORSHAVN	3	986		4.8	2.8					1,250	0	-3.5	3.5	0	45	219	7	2,759	0	-12.6	7.8	0	58	217	9	5,248	0	-28.8	10.2	0	67	221	13	8,728	0	-50.0		0	61	234	16
		11,343	0	-53.1		0	72	242	16	13,203	0	-52.1		0	82	246	15	15,816	0	-54.5		0	87	253	15	20,264	3	-56.0		3	89	268	16	23,387	10	-60.2					
KOBENHAVN/JAEGERSBORG	3	1,009		1.5	2.5					1,411	0	-2.8	9.3	0	67	210	7	2,926	0	-11.1	11.8	0	70	214	9	5,431	0	-27.2	11.4	0	68	223	12	8,928	0	-50.2		0	59	229	14
		11,527	0	-55.3		0	66	242	11	13,368	0	-54.7		0	76	253	10	15,940	0	-57.3		0	84	269	10	20,924	0	-60.5		0	81	294	12	23,494	0	-61.4		0	76	307	16
NORWAY																																									
BJORNOYA	3	996		-4.6	1.4					1,256	1	-10.3	6.5	0	50	247	7	2,729	0	-18.1	10.6	0	66	256	9	5,164	0	-34.0	8.3	0	74	263	12	8,577	0	-53.5	13.3	0	84	266	16
		11,157	0	-56.8	18.5	0	86	268	17	12,874	0	-57.1	20.9	0	87	272	12	15,519	0	-60.3	22.1	0	93	282	18	19,812	0	-63.8	22.5	0	84	301	19	22,989	0	-61.0	23.9	1	61	319	16

UPPER AIR DATA

MARCH 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
NORWAY																																									
JAN MAYEN	3	993		-5.0	2.0					1,221	0	-8.9	10.0	0	30	176	4	2,703	0	-16.4	14.6	0	39	211	5	5,153	0	-32.5	11.0	0	48	219	8	8,579	0	-53.2	15.5	0	57	228	13
		1,174	0	-54.9	22.3	0	78	238	16	1,014	0	-54.8	25.1	0	83	240	17	15,594	0	-56.9	26.5	0	86	250	19	19,976	0	-58.5	26.7	0	85	267	22	23,225	0	-57.6	27.0	0	79	293	22
BODO	3	1,001		2.6	3.2					1,312	0	-5.8	4.6	0	78	220	9	2,810	0	-13.9	6.0	0	92	226	12	5,289	0	-29.8	6.5	0	76	242	13	8,755	0	-61.5		0	73	243	16
		1,347	0	-55.7		0	79	256	16	1,186	0	-55.0		0	86	260	16	15,776	0	-67.7		0	89	272	17	20,122	0	-62.3		0	90	294	23	23,282	0	-63.6		0	45	13	15
ORLAND	3	1,002		3.2	5.1					1,304	0	-4.0	6.0	0	70	230	7	2,837	0	-12.3	5.5	0	80	235	10	5,329	0	-28.3	7.1	0	66	227	11	8,801	0	-61.4		0	65	240	13
		1,407	0	-54.6		0	79	248	14	1,249	0	-54.1		0	82	255	14	15,575	0	-57.1		1	82	269	14	20,194	0	-61.3		0	86	295	18	23,337	1	-65.5		1	82	305	23
STAVANGER/SOLA	3	1,004		3.6	3.5					1,361	0	-4.0	4.3	0	81	204	11	2,872	0	-12.1	4.9	0	83	216	11	5,367	0	-28.0	6.6	0	66	228	10	8,810	0	-49.4		0	57	252	11
		1,476	0	-53.6	11.1	0	68	252	11	1,333	0	-52.9		0	80	248	12	15,933	0	-54.7		0	86	260	12	20,336	0	-58.8		1	84	285	13	23,529	0	-60.6		1	78	300	17
OSLO/GARDERMOEN	3	985		-0.6	2.2					1,373	0	-4.7	5.0	0	70	223	8	2,882	0	-12.1	9.4	0	75	222	10	5,379	0	-28.0	9.9	0	73	231	12	8,869	0	-49.6		0	66	238	14
		1,486	0	-53.9		0	72	245	13	1,341	0	-53.1		0	87	252	13	15,938	0	-56.0		0	91	266	13	20,323	0	-59.4		0	87	290	16	23,500	0	-61.1		0	80	301	20
FINLAND																																									
SODANKYLA	3	986		-3.8	2.2					1,343	1	-6.9	4.0	1	74	233	9	2,838	1	-14.3	8.4	1	80	246	11	5,310	1	-30.2	8.9	1	77	254	14	9,876	1	-53.0	10.4	1	74	262	17
		1,333	1	-57.7		1	85	269	17	1,149	1	-57.3		1	90	277	17	15,703	1	-60.4		1	93	287	18	19,964	1	-66.0		1	84	305	22	23,106	1	-65.8		1	71	314	21
JYVASKYLA	3	997		-1.2	3.3					1,411	0	-4.1	9.9	0	81	238	11	2,918	0	-12.2	11.6	0	82	243	12	5,410	0	-28.6	10.9	0	82	248	15	8,881	0	-52.1	11.6	0	76	256	18
		1,450	0	-58.8		0	84	264	17	1,256	0	-57.6		0	89	273	15	15,816	0	-60.5		0	89	287	15	20,090	0	-64.9		0	83	308	18	23,211	0	-66.5		0	75	318	22
JOKIOINEN	3	1,002		-1.2	2.2					1,413	1	-3.3	11.8	1	81	227	11	2,924	1	-11.4	12.2	1	81	236	12	5,422	1	-27.9	12.3	1	79	240	14	8,901	1	-51.6	11.9	1	74	246	18
		1,475	1	-58.6		1	81	256	15	1,290	1	-56.9		1	89	267	14	15,848	1	-59.6		1	88	280	13	20,164	1	-63.8		1	86	303	18	23,287	2	-65.5		2	77	312	21
FRANCE																																									
BREST/GUIPAVAS	1	1,004		5.5	2.1					1,441	1	-0.5	4.3	4	67	260	8	2,974	1	-7.6	9.7	4	74	270	10	5,517	1	-23.6	9.0	4	70	272	13	9,062	1	-47.9		4	60	280	16
		1,660	2	-57.7		5	74	292	15	1,484	2	-55.6		6	83	287	13	16,057	3	-57.6		8	87	284	11																
TRAPPES	1	995		3.4	1.9					1,441	1	-0.5	5.2	3	67	258	7	2,969	1	-9.1	7.3	3	70	266	8	5,492	1	-25.8	8.3	3	71	282	12	9,014	1	-48.4		4	68	297	17
		1,625	3	-57.8		5	73	298	14	1,459	6	-55.8		6	76	290	11	16,024	6	-58.2		6	82	290	10	20,382	8	-59.1		9	65	301	6	23,604	14	-59.8					
NANCY/ESSEY	2	991		5.7	4.6					1,451	3	-0.4	5.5	4	64	255	6	2,982	3	-8.7	7.9	4	73	256	8	5,512	3	-25.0	9.1	4	63	267	9	9,039	3	-48.5		4	55	288	13
		1,638	4	-55.3		4	62	285	11	1,479	4	-54.5		4	71	272	10	16,061	4	-57.2		4	76	271	8	20,375	14	-60.2													
LYON/SATOLAS	2	991		7.3	6.3					1,475	2	0.0	6.7	3	36	254	3	3,007	2	-8.1	10.2	4	40	277	4	5,542	2	-23.9	11.3	4	52	285	8	9,086	2	-48.3		4	56	301	14
		1,683	2	-56.8		9	63	311	9	1,517	4	-54.7		9	66	296	7	16,087	4	-57.7		9	76	287	7	20,424	11	-59.9													
BORDEAUX/MERIGNAC	1	1,013		6.4	2.5					1,480	1	1.2	6.5	1	72	274	7	3,019	1	-6.9	10.2	1	76	285	8	5,570	2	-22.6	10.7	1	75	293	12	9,122	2	-48.4		1	68	304	16
		1,703	2	-59.1		1	68	298	14	1,524	4	-56.3		1	74	294	12	16,080	6	-59.2		2	81	291	11	20,417	10	-59.3		5	69	301	5	23,601	13	-59.5					
NIMES/COURBESSAC	1	1,011		8.0	5.8					1,475	2	1.0	6.7	1	47	336	5	3,014	2	-6.7	10.5	1	58	303	5	5,563	2	-23.3	11.0	1	68	292	9	9,108	4	-48.9		1	58	297	13
		1,691	5	-58.1		1	63	289	12	1,511	5	-56.0		1	75	286	12	16,071	6	-59.1		1	81	279	10																
AJACCIO	2	1,015		13.9	5.0					1,460	2	2.1	5.9	6	37	253	2	3,005	2	-6.1	8.8	7	57	277	5	5,568	2	-21.6	11.9	8	54	275	7	9,127	2	-48.8	.1	8	51	273	10
		1,715	3	-56.0		8	73	268	14	1,550	3	-55.4		8	82	260	13	16,114	3	-58.9		9	93	267	12	20,441	7	-59.9													
BELGIUM																																									
UCCLE	2	1,002		5.6	4.3					1,422	0	-1.3	2.8	1	76	238	8	2,948	0	-8.9	3.9	1	78	249	10	5,477	0	-24.8	4.8	1	68	265	12	9,006	0	-48.5		1	64	278	17
		1,625	0	-54.0		1	69	278	19	1,476	0	-53.2		1	74	271	15	16,072	0	-55.5		1	82	266	12	20,461	0	-57.3		1	78	277	10	23,681	2	-57.7		3	74	294	10
SWITZERLAND																																									
PAYERNE	3	959		3.2	4.0					1,465	0	0.0	5.5	0	68	232	6	2,996	0	-8.6	7.2	0	66	248	7	5,524	0	-24.9	7.5	0	58	272	10	9,042	0	-49.8	5.4	0	53	287	14
		1,632	0	-56.9	6.6	0	65	283	13	1,460	0	-56.1		1	75	273	11	16,019	0	-58.9		1	77	275	9	20,354	0	-50.1		5	68	294	7	23,554	0	-50.0		8	67	309	7
FEDERAL REP OF GERMANY																																									
SCHLESWIG	3	1,008		1.9	2.0					1,411	0	-2.7	6.3	0	59	216	7	2,927	0	-11.1	9.4	0	62	219	7	5,434	0	-27.1	8.9	0	63	224	10	8,930	0	-50.1	7.1	0	52	236	13
		1,531	0	-55.0	7.7	0	63	253	12	1,371	0	-55.0		0	77	256	10	15,945	0	-57.5		0	84	265	10	20,288	0	-60.7		0	80	290	11	23,477	0	-61.8		0	75	300	15
HANNOVER	3	1,008		3.7	3.2					1,423	0	-1.9	5.8	0	53	229	6	2,944	0	-10.2	8.8	0	60	231	7	5,457	0	-26.6	9.1	0	60	237	9	8,964	0	-49.8	7.9	0	50	250	13
		1,562	0	-55.4	8.3	0	61	264	11	1,402	0	-54.8		0	72	265	10	15,977	0	-57.5		0	81	271	10	20,330	0	-60.2		0	78	292	10	23,510	0	-61.5		0	71	303	13
BERLIN/TEMPELHOF	2	1,011		4.5	5.1					1,437	0	-1.5	8.6	0	59	196	6	2,963	0	-9.5	10.9	0	59	208	7	5,486	0	-25.4	9.8	0	58	215	9	9,000	0	-50.5	12.8	0	51	231	11
		1,594	0	-55.7	19.5	0	57	245	10	1,433	0	-54.9		0	67	256	9	16,010	1	-57.3		1	78	268	9	20,361	1	-60.1		1	78	299	10	23,540	1	-60.7		1	73	306	13
ESSEN	3	9,960		4.9	4.1					1,430	0	-1.6	4.2	0	65	240	7	2,954	0	-9.7	7.2	0	63	251	8	5,471	0	-26.0	7.6	0	62	259	11	8,980	0	-50.0	7.2	0	56	270	15
		1,583	0	-55.3	8.2	0	63	271	13	1,422	0	-54.9		0	73	267	11	15,999	0	-57.3		0	80	269	10	20,345	0	-60.0		0	78	290	10	23,538	0	-60.8		0	73	296	12
STUTTGART/BAD CANNSTATT	3	979		4.6	4.0					1,450	0	-0.9	4.0	0	69	256	6	2,979	0	-9.0	6.8	0	70	253	7	5,507	0	-25.2	9.2	0	60	256	9	9,027	0	-49.4	7.7	0	50	274	13
		1,623	0	-55.7	8.7	0	61	278	11	1,460	0	-54.9		0	69	272	10	16,033	0	-57.9		0	78	277	9	20,376	0	-60.0		0	78	296	9	23,561	0	-60.6		0	70	301	10
MUNCHEN/OBERSCHLEISSHEIM	3	959		2.9	3.7					1,454	0	-0.3	5.1	1	72	259	6	2,985	0	-8.6	6.2	1	74	262	8	5,515	0	-24.9	7.8	1	57	262	8	90.330	-	-49.8	7.0	1	53	277	13
		1,628	0	-56.0	7.8	1	63	277	12	1,463	0	-55.4		1	70	273	10	16,032	0	-58.0		1	83	280	10	20,367	0	-60.3		1	78	294	9	23,546	0	-61.3		1	71	303	11
AUSTRIA																																									
WIEN/HOHE-WARTE	3	996		4.2	4.9					1,473	0	-1.1	5.6	0	48	191	9	3,002	0	-8.6	7.7	0	42	229	7	5,528	0	-25.4	7.8	0	40	237	11	9,037	0	-50.5		0	38	254	17
		1,620	0	-56.7		0	53	262	19	1,448	0	-56.2		0	66	266	18	16,006	0	-58.8		0	77	271	17	20,330	2	-61.1		2	76	298	17	23,506	7	-61.3		7	71	308	20
CZECHOSLOVAKIA																																									
PRAHA/LIBUS	3	981		4.0	5.2					1,453	0	-1.5	4.6	0	53	340	5	2,981	0	-8.5	5.5	0	50	308	5	5,511	0	-24.8	6.8	0	52	307	8	9,027	0	-50.0	6.2	0	45	295	10
		1,615	0	-57.0	6.5	0	49	278	9	1,443	0	-55.9	7.0	0	58	275	8	16,006	0	-58.6		2	76	273	9	20,353	7	-60.4		9	80	293	9	23,489	19	-62.6		9	76	297	12
POPRAD/GANOVCE	3	936		1.6	4.3					1,476	0	-1.4	5.2	0	56	204	3	3,001	0	-8.6	6.8	0	49	188	5	5,530	0	-24.5	5.9	0	36	198	6	9,061	0	-49.1	5.3	0	35	215	9
		1,650	0	-58.3	5.2	0	44	234	9	1,468	0	-56.6	5.8	0	62	250	9	16,024	0	-59.3		0	78	264	9	20,333	0	-61.8		0	83	281	10	23,474	1	-63.3		3	81	284	14
HUNGARY																																									
BUDAPEST/LORINC	3	1,003		3.3	3.3					1,471	0	-1.5	4.2	1	44	173	3	2,998	0	-8.6	6.4	2	42	208	4	5,529	0	-24.9	5.8	0	40	228	6	9,059	0	-49.7	4.8	0	39	244	9
		1,638	1	-57.4		1	53	257	9	1,462	1	-56.3		1	67	264	9	16,022	5	-58.8		5	79	277	8	20,351	26	-61.1		26	81	299	8	23,534	47	-61.6		47	74	312	10
SZEGED	3	1,011		4.2	2.6					1,481	0	-0.5	3.7	0	55	178	4	3,013	0	-8.1	5.2	0	52	204	5	5,548	0	-24.8	5.9	0	44	228	6	9,070	0	-49.8	4.7	0	47	250	10
		1,659	1	-57.2		1	60	260	10	1,484	2	-56.4		2	74	263	10	16,037	4	-59.6		4	83	276	9	20,360	11	-60.7		11	82	291	9	23,532	24	-61.3		24	73	304	10
GIBRALTAR																																									
NORTH FRONT	3	1,020		14.8	5.1					1,518	0	5.4	8.0	0	33	303	3	3,083	0	-2.1	9.9	0	56	303	5	5,672	0	-18.8	11.2	0	61	314	9	9,264	0	-46.6	12.0	0	55	303	12
		1,864	0	-58.3		0	64	295	15	13.679	0	-57.4		0	75	288	16	16,215	0	-61.9		0	78	287	12	20,495	0	-60.4		0	58	304	4	23,692	0	-58.1		0	41	307	3

UPPER AIR DATA

MARCH 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
PORTUGAL																																									
LAJES /ACORES/	1	1,014		12.8	4.4					1,574	1	6.4	7.8	3	75	280	7	3,150	1	-0.3	13.2	3	79	285	10	5,760	1	-16.8	12.6	2	79	290	14	9,390	1	-44.7		3	79	300	18
		1,990	1	-61.3		4	78	295	20	3,790	2	-60.1		5	86	285	19	6,290	2	-65.4		5	87	280	14	20,530	9	-61.4													
LISBOA/GAGO CONTINHO	2	1,010		13.5	6.7					1,526	1	4.0	9.6	1	65	360	4	3,086	1	-2.8	14.4	1	77	358	6	5,674	1	-19.2	15.9	1	67	1	7	9,261	1	-47.1	12.4	1	63	358	9
		1,854	1	-59.7	14.7	1	63	353	10	3,661	1	-57.6	20.0	1	60	358	8	6,196	2	-61.3		2	49	351	4	20,500	3	-60.4		3	64	349	2	23,702	3	-57.9		3	33	4	2
CAPE VERDE																																									
SAL	2	1,011		23.5	9.7					1,535	0	16.2	24.0	0	79	105	5	3,161	0	7.5	22.2	0	26	265	2	5,850	0	-8.9	15.0	0	44	270	5								
MADEIRA																																									
FUNCHAL	2	1,017		17.1	7.5					1,550	0	5.9	8.7	0	71	21	5	3,130	0	1.1	22.5	0	72	10	6	5,750	0	-16.6	17.7	0	67	345	8	9,377	1	-44.1		1	62	329	11
		2,000	3	-56.9		3	76	313	18	3,816	4	-57.4		4	82	304	19	6,335	5	-63.8		6	81	302	14	20,590	11	-60.9		9	59	323	5								
SPAIN																																									
MADRID/BARAJAS	3	946		10.1	7.4					1,513	0	4.3	7.6	0	46	291	3	3,067	0	-4.3	12.1	0	59	311	5	5,641	0	-20.4	14.8	0	60	312	9	9,218	0	-47.5	11.7	0	53	321	13
		1,811	0	-58.0		0	60	307	13	3,631	0	-56.5		0	74	298	13	6,187	0	-59.6		0	79	291	10	20,517	3	-59.1		3	57	316	4								
PALMA/SON BONET	3	1,013		12.4	4.5					1,493	0	3.9	8.0	0	69	305	7	3,046	0	-4.5	13.4	0	70	308	8	5,611	0	-21.4	2.8	0	69	305	12	9,183	0	-47.4	12.3	0	62	307	17
		1,789	0	-56.4		0	72	296	18	3,616	0	-56.1		0	81	287	16	6,173	0	-59.5		0	89	284	14	20,501	0	-59.1		0	73	288	6	23,747	0	-57.4		0	43	284	5
YUGOSLAVIA																																									
ZAGREB/MAKSIMIR	1	1,005		1.5	1.8					1,470	0	-1.8	3.3	0	27	184	2	2,999	0	-8.3	6.2	0	37	231	3	5,533	0	-24.7	8.0	0	49	258	6	9,056	0	-49.9		0	46	265	10
		1,638	0	-57.2		0	59	269	10	3,463	0	-56.4		0	73	270	10	6,017	0	-60.2		0	83	279	9	20,327	2	-61.5		2	77	294	8	23,508		-63.4					
BEOGRAD/ZELENO BRDO	3	991		4.9	4.7					1,484	1	0.7	5.0	1	63	177	4	3,021	1	-7.6	6.9	1	61	214	5	5,560	1	-24.3	8.8	1	60	234	7	9,095	1	-48.8		1	57	253	11
		1,685	1	-57.0		1	64	257	11	3,515	1	-56.1		1	77	263	11	6,070	1	-59.6		1	85	272	10	20,398	6	-60.4		6	86	289	9	23,580	8	-60.3		8	80	283	10
TURKEY																																									
SAMSUN	2	1,020		9.1	4.2					1,497	0	2.8	10.5	0	65	210	3	3,047	0	-5.2	11.5	0	78	230	5	5,611	0	-21.2	10.2	0	74	230	7	9,188	0	-46.9		0	83	250	11
		1,811	0	-53.8		3	91	300	13	3,665	2	-52.0		6	92	270	12	6,287	12	-55.2		16	88	270	10	20,716	18	-52.2		28	87	270	11	24,018	20	-49.9		30	100	260	6
ISTANBUL/GOZTEPE	2	1,015		8.8	7.0					1,480	0	1.8	8.7	1	60	100	3	3,026	0	-4.8	13.0	1	66	240	4	5,587	0	-22.4	13.6	1	63	260	7	9,130	0	-49.1		1	66	280	10
		1,721	2	-55.8		3	75	280	12	3,554	4	-55.3		4	93	270	15	6,117	8	-59.3		9	86	275	13	20,462	17	-61.6		27	76	260	10	23,673	29	-58.2		29	75	285	6
IZMIR	2	1,014		14.7	8.7					1,485	0	5.1	9.6	0	40	240	2	3,043	0	-4.1	11.9	0	57	240	4	5,604	0	-22.2	10.4	0	73	280	8	9,157	0	-48.9		0	75	260	16
		1,751	0	-56.0		2	65	270	17	3,582	1	-56.4		3	65	280	17	6,128	2	-61.6		5	94	280	17	20,424	5	-60.9		22	90	280	9	23,607	9	-58.9		23	89	280	8
ANKARA/CENTRAL	2	913		13.4	14.6					1,504	0	7.2	11.1	0	67	180	2	3,061	0	-5.1	8.6	0	80	200	4	5,615	1	-22.3	9.0	1	75	240	6	9,157	1	-49.7		1	79	240	11
		1,755	1	-55.7		1	82	270	14	3,589	1	-55.5		1	84	270	15	6,141	1	-60.7		1	90	275	9	20,443	5	-60.3		5	82	275	9	23,625	6	-58.9		6	86	275	12
ISPARTA	2	902		13.3	13.1					1,500	0	8.2	10.3	0	50	125	2	3,066	0	-3.6	7.7	0	83	285	5	5,636	0	-21.2	8.3	0	80	272	8	9,194	0	-48.4		0	86	285	18
		1,799	0	-54.8		0	92	276	23	3,634	0	-56.2		0	92	270	22	6,174	0	-61.7		0	86	273	18	20,462	9	-60.7		9	85	275	11	23,660	11	-58.0		11	85	268	11
DIYARBAKIR	2	938		14.2	12.0					1,474	1	6.1	9.0	1	33	165	1	3,031	1	-4.8	9.1	1	67	305	4	5,594	1	-21.6	8.8	1	81	303	9	9,151	2	-48.3		2	75	295	15
		1,762	2	-54.2		2	95	286	26	3,599	2	-54.9		2	96	285	25	6,160	3	-60.1		3	86	289	18	20,477	6	-59.8		6	77	290	10	23,680	12	-56.3		12	89	272	8
USSR																																									
MURMANSK		1,000		-2.3	3.4					1,343	0	-6.8	4.7	0	80	256	11	2,836	0	-15.2	6.8	0	80	260	12	5,301	0	-31.3	5.5	0	73	261	15	8,734	0	-54.3	4.3	0	72	267	17
		1,284	0	-58.7	4.4	0	82	278	18	3,081	0	-58.7	4.7	0	89	283	19	5,631	2	-61.6		2	87	291	19	19,891	4	-67.0		5	81	307	23	23,011	9	-64.4		9	62	313	20
ARKHANGELSK		1,016		-2.1	2.7					1,408	0	-6.2	6.6	0	67	253	7	2,906	0	-14.1	8.2	0	74	263	10	5,378	0	-30.7	7.5	0	68	269	11	8,822	0	-54.1	6.1	0	67	270	15
		1,364	0	-61.5	5.8	0	73	273	16	3,152	0	-60.7	6.2	0	80	279	16	5,655	0	-64.1	6.3	0	80	283	18	19,877	0	-68.5	6.4	2	75	299	17	23,026	1	-65.4	7.0	5	57	303	12
LENINGRAD /TOWN/VILLE/		1,012		0.5	4.4					1,454	0	-2.7	11.0	0	72	245	8	2,968	0	-10.8	12.1	0	76	274	10	5,481	0	-26.2	10.1	0	70	249	13	8,988	0	-50.5		0	75	257	19
		1,559	0	-60.2		1	79	261	18	3,361	0	-58.1		1	81	272	15	5,880	0	-60.7		1	86	282	16	20,197	3	-64.8		3	81	304	19	23,292	8	-67.0		8	75	309	24
KAUNAS		1,012		1.9	4.7					1,475	0	-2.2	10.1	0	66	200	7	2,998	0	-9.6	11.0	0	60	204	8	5,522	0	-25.1	10.0	1	54	201	9	9,042	0	-49.9	7.7	9	24	153	4
		1,617	0	-60.1	7.0	8	12	180	2	3,419	0	-58.0	7.4	8	32	272	4	5,966	0	-59.3	7.8	9	58	272	6	20,290	0	-61.8	8.1	9	63	301	9	23,430	4	-63.8	7.8	9	77	311	16
MINSK		996		0.1	4.4					1,493	0	-1.8	11.2	0	48	213	5	3,016	0	-9.4	13.2	0	55	211	7	5,535	0	-25.9	11.1	0	49	222	8	9,038	0	-51.1	8.0	0	43	231	9
		1,597	0	-60.5	7.6	0	43	252	8	3,400	0	-58.0	8.5	0	68	274	9	5,938	0	-60.6	8.9	0	72	286	10	20,228	0	-63.4	9.2	0	82	300	15	23,332	1	-65.0	9.4	1	77	305	20
VOLOGDA		1,007		-1.4	3.3					1,470	0	-3.5	9.1	0	61	244	7	2,984	0	-11.5	11.6	0	67	253	10	5,488	0	-27.6	9.3	0	62	256	13	8,980	0	-52.5	6.8	0	63	262	19
		1,512	0	-62.2	6.3	0	70	266	19	3,297	0	-60.4	6.8	2	73	271	16	5,811	0	-62.7	6.9	3	83	278	18	20,038	2	-66.6	7.1	9	81	282	20	23,173	7	-64.4	7.5	9	61	275	15
MOSKVA		1,002		0.0	2.8					1,499	2	-2.5	9.2	2	47	260	5	3,020	2	-9.5	13.0	2	53	267	7	5,543	2	-25.4	11.6	2	49	273	9	9,048	2	-51.4	7.5	2	53	289	12
		1,601	2	-61.7	6.9	2	58	293	14	3,392	2	-59.0	7.5	2	68	295	13	5,924	2	-61.4	8.2	2	81	300	14	20,168	4	-65.3	8.9	5	83	304	18	23,321	7	-65.7	8.9	9	75	309	20
KAZAN		1,011		-2.7	3.5					1,488	0	-5.5	10.0	0	42	296	5	2,993	0	-12.5	10.9	0	48	315	7	5,485	0	-28.4	9.4	0	48	323	8	8,958	0	-53.0	7.1	0	46	325	10
		1,493	0	-62.3	6.4	1	52	328	11	3,273	0	-61.0	6.8	1	52	324	10	5,786	0	-62.1	7.0	5	57	318	10	20,043	0	-64.8	7.0	8	53	324	9	23,175	1	-65.7	7.3	9	62	332	10
SARATOV		1,010		-1.8	4.2					1,528	0	-5.1	8.4	0	24	305	3	3,038	0	-11.0	11.9	0	31	338	4	5,543	0	-27.0	9.6	0	37	347	7	9,032	0	-52.2	6.9	0	49	352	10
		1,586	0	-61.0	6.5	0	55	341	12	3,382	0	-59.0	6.8	0	61	335	12	5,915	0	-60.7	7.0	3	76	319	13	20,200	0	-63.5	7.2	8	91	298	14	23,375	0	-61.0	7.8	9	86	295	15
LVOV		983		2.0	3.2					1,487	0	-1.0	6.6	0	47	180	4	3,018	0	-8.3	9.1	0	49	181	5	5,550	0	-24.6	8.8	0	39	195	6	9,084	0	-48.7	6.8	4	28	176	6
		1,687	0	-58.2	6.3	6	28	202	5	3,501	0	-57.1	6.6	7	23	267	3	6,059	0	-58.0	7.0	9	36	293	4	20,408	0	-60.0	7.2	9	57	318	7	23,564	1	-61.1	7.5	9	65	335	9
KIEV		1,005		0.8	3.7					1,510	0	-1.0	11.0	0	43	168	4	3,038	0	-7.6	13.8	0	37	183	4	5,580	0	-23.4	12.7	0	31	192	4	9,126	0	-48.9		0	18	238	4
		1,705	0	-60.2		0	24	260	5	3,510	0	-57.6		0	53	276	7	6,067	0	-59.6		0	75	287	9	20,374	1	-62.5		1	86	297	13	23,507	2	-64.1		3	78	297	16
HAR KOV		1,010		1.0	5.5					1,527	0	-11.1	3.1	0	24	150	2	3,059	0	-8.0	15.9	0	6	178	1	5,595	0	-24.3	13.6	0	12	25	2	9,119	0	-50.2		0	18	342	4
		1,692	0	-60.1		0	36	327	6	3,504	0	-57.7		0	60	307	8	6,063	1	-60.1		1	76	300	10	20,364	1	-62.4		1	84	296	15	23,511	1	-62.6		2	81	291	19
ODESSA		1,019		2.5	2.6					1,499	0	0.5	10.7	0	48	133	4	3,037	0	-7.1	11.9	0	21	163	2	5,584	1	-23.2	10.5	1	15	228	2	9,124	3	-49.0	7.3	3	24	285	5
		1,710	3	-57.4	7.2	3	49	283	8	3,536	3	-56.0	8.4	3	65	281	9	6,101	3	-58.9	9.3	3	84	283	10	20,428	4	-60.1	9.8	4	82	284	12	23,606	4	-60.6	9.9	4	81	282	15
ROSTOV-NA-DONU		1,018		1.0	4.2					1,514	3	-11.6	12.7	3	47	78	4	3,039	3	-9.2	13.6	3	31	28	3	5,558	3	-25.8	11.4	3	42	350	6	9,056	3	-52.1		3	42	338	9
		1,615	3	-59.4		3	58	317	9	3,438	4	-57.5		4	73	310	10	5,997	4	-59.3		4	90	298	12	20,315	12	-60.7		9	85	285	17	23,518	18	-58.2		9	88	275	19
TBILISI		949		3.4	7.1					1,526	6	-2.2	3.9	9	23	130	1	3,039	5	-10.5	6.1	6	25	334	2	5,550	5	-26.2	8.5	5	50	309	7	9,060	5	-51.3	6.9	5	64	295	15
		1,663	6	-56.7	7.3	6	76	298	18	3,480	9	-56.3	8.3	9	85	290	19	6,028	12	-59.5	11.0	9	90	292	18	20,391	14	-59.9	9.0	9	85	289	16	23,587	18	-59.2		9	72	282	14

UPPER AIR DATA

MARCH 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
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AFRICA																	
ALGERIA																	
ALGER/DAR EL BEIDA	3	1,016		13.1	3.9					1,497	0	4.3	7.6	0	62	290	5
		11,806	0	-50.7		3	68	280	15	13,632	0	-56.8		7	76	270	15
ELBAYADH										1,512	0	7.2	9.2	1	5	150	4
		11,875	1	-57.1		3	7	180	20	13,702	1	-57.4		5	7	180	20
BECHAR										1,516	2	10.1	14.9	2	21	300	3
		11,912	2	-55.9						13,729	2	-59.0					
IN SALAH	2	983		21.7	17.7					1,529	0	12.3	18.9	0	35	30	3
		12,077	0	-53.5		8	96	270	36					9	97	270	3
TAMANRASSET	3	865		20.0	24.9					1,526	0	19.3	23.8	0	35	200	5
		12,247	0	-54.6						14,039	0	-64.4					
EGYPT																	
HELWAN	3	998		18.6	25.9					1,504	0	11.8	11.0	4	6	320	3
		12,188	0	-51.0	9.6					14,032	0						
MAURITANIA																	
NOUADHIBOU	2	1,018		18.6	6.9					1,544	4	14.2	25.5	5	68	65	5
		12,286	4	-54.3						14,091	4	-63.5					
MALI																	
BAMAKO/SENOU	3	968		29.6	24.8					1,522	0	23.3	28.7	1	80	50	5
		12,415	0	-54.3						14,197	0	-67.7					
NIGER																	
NIAMEY-AERO	3	985		32.5	26.8					1,528	0	24.1	27.5	3	28	50	3
		12,430	0	-54.0		3	48	250	17	14,217	0	-67.6		3	42	240	15
KENYA																	
NAIROBI/DAGORETTI	1	821		16.0	3.3												
		12,403	1	-54.1		3	59	120	7	14,188	1	-67.7		3	60	110	6
ETHIOPIA																	
ADDIS ABABA	2	766		22.4	12.5												
		12,419	0	-53.0	15.9	0	34	125	4	14,220	0	-64.5		1	30	115	3
ZAMBIA																	
LUSAKA CITY AIRPORT	2	873		24.0	6.5					1,513	0	21.4	8.8	5	90	270	9
		12,425	0	-54.1		9	98	293	13	14,206	1	-68.1					
OCEAN ISLANDS																	
MARTIN DE VIVIES (ILE AMSTER	2	1,018		17.6	6.9					1,552	0	8.3	7.5	0	54	257	5
		12,173	1	-56.6		2	82	256	21	13,970	1	-62.5		3	86	258	22
PORT-AUX-FRANCAIS/KERGUELEN	2	1,006		9.0	7.3					1,403	3	0.8	8.0	1	88	267	16
		11,781	3	-53.9		2	89	258	40	13,621	3	-55.2		3	90	260	35
SOUTH AFRICA																	
UPINGTON	1	919		21.5	13.2					1,518	0	20.8	15.3	0	12	95	1
		12,316	0	-54.4		0	90	284	23	14,110	0	-65.3		0	94	282	21
PRETORIA/IRENE	1	851		15.3	4.3					1,531				0	65	127	1
		12,375	0	-53.3		0	85	281	14	14,176	0	-64.9		0	90	283	14
BLOEMFONTEIN/J.B.M. HERTZOG	1	867		16.7	4.9					1,525	4	17.4	7.1	4	37	37	1
		12,315	4	-54.6		4	93	276	23	14,106	4	-65.7		4	95	278	22
ALEXANDER BAY	1	1,012		15.7	2.2					1,511	0	17.8	17.6	0	42	145	2
		12,306	0	-54.6		1	84	279	24	14,101	1	-65.2		2	93	280	24
CAPE TOWN/D.B.MALAN	1	1,010		16.2	2.9					1,503	0	12.1	12.5	0	59	276	4
		12,159	0	-55.9		0	81	273	32	13,955	0	-63.5		0	87	275	32
PORT ELIZABETH	1	1,008		18.3	2.4					1,512	0	12.5	6.4	0	35	280	2
		12,176	1	-55.1		1	93	284	27	13,979	1	-63.4		1	93	283	25
DURBAN/LOUIS BOTHA	1	1,013		22.7	3.4					1,527	1	15.9	5.6	1	4	289	1
		12,294	1	-54.3		1	89	281	19	14,089	1	-65.3		1	93	285	19
GOUGH ISLAND	1	1,011		14.1	2.8					1,499	0	7.9	6.5	0	83	264	11
		12,085	1	-57.2		1	92	262	40	13,875	1	-62.6		1	91	260	35
MARION ISLAND	1	1,005		7.2	3.0					1,382	1	0.2	6.9	1	91	288	16
		11,737	2	-54.3		2	91	289	45	13,575	2	-55.8		2	94	288	34
ASIA																	
USSR-WESTERN																	
DRUJNAYA/OSTROV HEJSA/		997		-23.4	2.6					1,201	0	-18.7	3.5	0	31	279	3
		10,935	0	-58.5	4.6	0	79	305	13	12,749	0	-59.4	5.2	0	78	312	12
MYS CELJUSKIN		1,003		-26.9	2.5					1,227	0	-22.0	4.1	0	61	237	6
		10,856	0	-59.7	5.5	0	24	314	3	12,653	0	-60.5	6.1	0	17	349	2
MYS KAMENNYJ		1,010		-16.8	1.9					1,315	0	-13.9	3.7	9	50	309	4
		11,117	0	-61.7	3.6	9	78	321	17	12,891	0	-62.3	3.8	9	71	315	15
NAR JAN-MAR		1,011		-5.8	3.0					1,363	0	-8.9	6.1	0	74	284	11
		11,254	0	-61.5	5.4	0	80	302	19	13,035	0	-62.0	5.8	0	86	307	19

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
	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AFRICA																
ALGERIA																
ALGER/DAR EL BEIDA	3,053	0	-4.4	9.8	0	51	300	6	5,621	0	-20.9	12.1	0	57	300	8
	16,180	11	-60.5		9	83	270	12								
ELBAYADH	3,081	0	-3.1	12.8	1	6	140	7	5,667	0	-19.4	14.4	1	7	160	11
BECHAR	3,094	2	-1.3	10.5	3	64	300	8	5,690	2	-18.1	19.3	4	74	300	13
	16,239	5	-64.5						20,497	11	-60.3					
IN SALAH	3,124				0	39	280	5	5,760	0	-14.8	20.1	0	80	270	15
	16,349	1	-68.5						20,537	8	-61.0					
TAMANRASSET	3,157	0	6.7	21.8	0	73	230	9	5,829	0	-16.1	16.2	0	92	250	26
	16,438	3	-74.4													
EGYPT																
HELWAN	3,106	0	3.4	16.2	0	73	285	8	5,756	0	-12.9	13.0	0	85	275	20
	16,544	1	-54.6						20,800	10	-59.8					
MAURITANIA																
NOUADHIBOU	3,161	4	7.1	33.2	5	38	305	3	5,842	4	-9.9	31.7	6	65	268	8
	16,522	5	-72.5						20,655	20	-61.5					
MALI																
BAMAKO/SENOU	3,169	0	9.6	16.8					5,874	0	-6.3	20.5				
	16,570	0	-77.5													
NIGER																
NIAMEY-AERO	3,180	0	10.3	15.8	3	22	150	2	5,891	0	-6.9	13.7	3	21	220	3
	16,583	0	-77.9		5	40	250	11	20,629	9	-65.9		9	37	270	7
KENYA																
NAIROBI/DAGORETTI	3,133	0	9.0	2.9	3	95	60	9	5,857	0	-5.7	12.9	2	89	100	8
	16,549	2	-79.3		4	41	95	3	20,596	4	-67.5		7	92	285	13
ETHIOPIA																
ADDIS ABABA	3,144	0	12.0	10.0	0	80	100	4	5,865	0	-6.5	1.9	0	64	90	7
	16,598	0	-78.4		0	22	105	1	20,665	2	-60.4		6	91	270	10
ZAMBIA																
LUSAKA CITY AIRPORT	3,153	0	-0.1	15.7	9	93	328	13	5,869	0	-4.9	27.2	9	78	275	11
	16,553	3	-79.3						20,586	11	-64.3					
OCEAN ISLANDS																
MARTIN DE VIVIES (ILE AMSTER	3,144	0	3.5	15.5	1	70	252	9	5,800	1	-11.5	15.8	1	77	253	13
	16,437	1	-67.1		4	86	262	19	20,663	1	-60.6		4	86	258	10
PORT-AUX-FRANCAIS/KERGUELEN	2,947	3	-5.1	13.1	1	90	263	22	5,525	3	-19.3	10.7	1	91	259	30
	16,202	6	-56.9		8	92	259	23								
SOUTH AFRICA																
UPINGTON	3,162	0	9.2	13.0	0	73	306	5	5,852	0	-9.0	13.8	0	83	288	9
	16,513	0	-74.3		1	93	292	15	20,634	2	-63.1		2	71	64	5
PRETORIA/IRENE	3,170	0	9.1	9.5	0	31	309	1	5,868	0	-7.5	17.6	0	74	274	5
	16,579	0	-75.1		0	94	293	9	20,671	0	-63.7		2	85	84	6
BLOEMFONTEIN/J.B.M. HERTZOG	3,165	4	8.7	9.6	4	80	273	4	5,853	4	-8.9	13.3	4	89	273	9
	16,505	4	-74.7		4	96	284	15	20,624	5	-62.8		5	73	76	5
ALEXANDER BAY	3,146	0	9.0	19.0	0	64	294	6	5,842	0	-8.1	19.5	0	79	282	9
	16,507	5	-74.0		6	95	288	15	20,628	9	-62.8		9	76	74	4
CAPE TOWN/D.B.MALAN	3,107	0	4.6	18.8	0	83	274	9	5,770	0	-11.3	16.1	0	89	277	16
	16,405	0	-68.7		0	94	283	23	20,618	1	-60.3		2	42	339	3
PORT ELIZABETH	3,120	0	5.0	13.8	0	88	290	10	5,783	0	-11.0	18.1	0	93	283	15
	16,425	1	-69.0		2	97	287	20	20,625	3	-60.5		3	64	308	3
DURBAN/LOUIS BOTHA	3,153	1	7.3	6.7	1	53	291	3	5,835	1	-9.4	11.3	1	88	283	8
	16,495	1	-72.8		1	96	290	14	20,624	3	-62.6		4	65	82	3
GOUGH ISLAND	3,086	0	2.2	16.0	0	89	264	15	5,727	0	-13.3	12.7	0	93	262	22
	16,352	1	-65.1		1	94	262	23	20,625	3	-58.6		3	90	257	7
MARION ISLAND	2,923	1	-5.4	16.6	1	92	282	20	5,494	1	-19.9	15.8	1	90	287	30
	16,143	2	-57.2		2	95	288	29	20,547	5	-54.2		5	96	293	18
ASIA																
USSR-WESTERN																
DRUJNAYA/OSTROV HEJSA/	2,636	0	-24.2	4.7	0	48	283	5	5,023	0	-38.2	4.7	0	55	292	8
	15,268	0	-62.9	5.5	0	76	319	11	19,583	2	-61.2	6.7	3	30	4	5
MYS CELJUSKIN	2,645	0	-26.8	5.2	0	48	239	5	5,009	0	-40.6	5.5	0	18	266	3
	15,170	0	-61.5	6.6	0	11	169	1	19,511	0	-58.2	8.2	0	60	183	7
MYS KAMENNYJ	2,776	0	-20.2	4.9	9	69	303	6	5,196	0	-34.9	4.4	9	75	322	11
	15,383	0	-65.0	4.0	9	62	328	11	19,645	2	-63.7	4.6				
NAR JAN-MAR	2,847	0	-16.2	8.9	0	74	287	12	5,301	0	-32.6	6.8	0	68	291	14
	15,524	0	-65.3	5.8	0	79	311	20	19,685	1	-69.1	5.7	1	64	315	20

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
	GPM		°C	°C		%	°	MPS
AFRICA								
ALGERIA								
ALGER/DAR EL BEIDA	9,192	0	-46.5		0	58	290	14
ELBAYADH	9,263	0	-46.1		1	7	170	21
BECHAR	9,282	2	-45.7		8	57	320	13
IN SALAH	9,416	0	-41.7		4	89	280	30
TAMANRASSET	9,545	0	-37.4	12.5	7	98	251	2
EGYPT								
HELWAN	9,466	0	-37.5	10.3				
MAURITANIA								
NOUADHIBOU	9,587	4	-36.4	22.9	9	85	274	23
MALI								
BAMAKO/SENOU	9,684	0	-32.1	17.0				
NIGER								
NIAMEY-AERO	9,698	0	-32.0	17.0	3	45	260	12
KENYA								
NAIROBI/DAGORETTI	9,672	0	-32.1	15.9	2	64	100	5
	23,682	14	-61.3					
ETHIOPIA								
ADDIS ABABA	9,683	0	-31.2	22.4	0	23	120	2
	29,853	27	-58.7		27	86	255	6
ZAMBIA								
LUSAKA CITY AIRPORT	9,690	0	-31.3	20.7	9	98	288	16
	23,698	28	-57.1					
OCEAN ISLANDS								
MARTIN DE VIVIES (ILE AMSTER	9,507	1	-38.9	11.3	1	75	256	16
	23,899	1	-52.9		4	23	183	1
PORT-AUX-FRANCAIS/KERGUELEN	9,136	3	-43.5	8.5	2	84	259	39
SOUTH AFRICA								
UPINGTON	9,609	0	-35.1	14.8	0	87	284	17
	23,839	2	-54.6		2	97	103	13
PRETORIA/IRENE	9,652	0	-33.4	16.0	7	3	286	9
	23,857	3	-55.5		8	98	97	12
BLOEMFONTEIN/J.B.M. HERTZOG	9,611	4	-35.3	12.8	4	89	276	17
	23,840	6	-53.9		8	99	94	11
ALEXANDER BAY	9,602	0	-35.3	15.8	0	76	278	15
CAPE TOWN/D.B.MALAN	9,486	0	-38.3	12.1	0	79	271	25
	23,860	3	-54.2		4	98	67	14
PORT ELIZABETH	9,498	0	-38.4	12.0	0	87	280	20
	23,858	5	-53.0		9	78	104	3
DURBAN/LOUIS BOTHA	9,591	1	-30.4	12.2	1	83	285	16
	23,835	5	-54.5		8	97	93	10
GOUGH ISLAND	9,421	0	-39.1	10.4	0	89	264	33
	23,882	7	-51.9		8	57	250	2
MARION ISLAND	9,099	2	-44.0	16.8	2	87	289	41
	23,848	7	-50.9		9	95	284	12
ASIA								
USSR-WESTERN								
DRUJNAYA/OSTROV HEJSA/	8,382	0	-56.6	3.9	0	68	297	14
	22,841	3	-55.4	8.3	5	40	97	7
MYS CELJUSKIN	8,329	0	-59.4	4.6	0	18	296	4
	22,756	1	-52.3	9.0	2	73	182	14
MYS KAMENNYJ	8,592	0	-56.5	3.5	9	71	322	16
	22,818	6	-58.7	5.8				
NAR JAN-MAR	8,720	0	-55.4	5.2	0	67	300	17
	22,816	1	-65.0	7.4	1	41	304	13

UPPER AIR DATA

MARCH 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																																									
SALEHARD		1,011		-12.2	3.0					1,357	0	-11.2	4.4	0	82	301	10	2,831	0	-17.5	6.2	0	78	304	11	5,272	0	-33.2	6.0	0	75	308	15	8,681	0	-55.9	5.0	0	74	309	20
HATANGA		11,206	0	-62.8	5.0	0	81	312	20	12,999	1	-62.7	5.6	1	79	312	18	15,481	1	-66.5	6.5	1	76	312	18	19,688	1	-67.3	6.4	1	58	311	15	22,857	3	-59.9	7.6	3	22	279	7
		1,009		-29.4	3.8					1,277	0	-22.4	4.2	4	29	239	2	2,690	0	-27.6	4.8	3	27	281	2	5,044	0	-41.3	4.4	2	38	307	4	8,367	0	-58.8	3.9	2	44	329	6
TURUHANSK		10,899	0	-60.1	4.4	3	51	322	6	12,694	0	-60.5	4.8	2	42	320	4	15,219	0	-60.8	5.5	3	9	216	1	19,593	3	-56.7	7.8	7	78	173	8	22,918	10	-50.1	10.0	9	77	172	13
		1,010		-15.2	3.0					1,340	13	-17.0	4.0	9	57	266	6	2,782	13	-22.2	6.0	9	68	295	8	5,189	13	-36.0	5.1	9	71	303	11	8,573	13	-57.0		9	69	310	15
SYKTYVKAR		11,091	13	-61.1		9	72	301	15	12,881	13	-61.0		9	68	298	14	15,393	14	-61.7		9	72	281	14	19,718	14	-55.7		9	70	244	17	23,055	16	-43.9		9	76	221	29
		1,006		-2.6	4.9					1,445	0	-6.8	8.9	0	62	287	8	2,941	0	-13.9	10.5	0	62	291	10	5,419	0	-29.7	9.1	0	62	298	13	8,876	0	-53.2		0	62	297	18
HANTY-MANSIJSK		11,421	0	-61.6		0	66	306	17	13,194	0	-61.0		0	75	311	17	15,698	0	-63.7		0	83	309	19	19,896	2	-68.4		2	72	307	21	22,961	2	-65.2		3	55	295	19
		1,012		-6.2	4.2					1,395	0	-9.7	5.9	0	54	300	6	2,875	0	-16.4	6.8	0	74	308	9	5,334	0	-31.0	6.8	0	68	312	13	8,771	0	-54.7	5.0	0	68	318	17
TURA		11,302	0	-62.7	5.1	0	74	317	18	13,071	0	-62.0	5.6	0	70	311	17	15,579	0	-64.1	6.2	1	75	304	17	19,847	3	-64.4	6.9	4	72	285	17	23,021	4	-56.5	8.4	5	62	261	16
		991		-19.5	4.9					1,336	0	-19.6	3.4	1	63	273	6	2,765	0	-25.3	4.4	0	74	290	9	5,142	0	-39.7	3.8	0	74	296	12	8,476	0	-59.3	3.2	0	76	299	16
SVERDLOVSK		10,996	0	-60.9	3.8	0	78	298	15	12,789	0	-60.5	4.5	0	77	293	13	15,340	1	-58.8	5.5	1	78	271	13	19,811	3	-51.0	7.9	3	76	239	17	23,150	6	-45.9	10.6	5	68	228	19
		987		-3.6	5.2					1,455	0	-8.3	7.4	0	67	304	7	2,946	0	-14.3	10.6	0	62	311	8	5,425	0	-29.9	9.2	0	49	314	9	8,880	0	-53.8		0	42	324	12
OMSK		11,422	0	-61.7		1	60	322	14	13,208	0	-60.3		1	68	311	14	15,470	0	-62.4		1	72	303	16	19,994	1	-65.2		1	78	288	22	23,148	1	-59.1		2	81	269	23
		1,012		-8.1	3.4					1,443	0	-9.7	6.4	0	73	286	7	2,925	0	-15.0	8.8	0	74	286	8	5,391	0	-29.7	8.3	0	61	294	10	8,854	0	-53.7	6.3	0	54	300	13
KOLPASEV		11,399	0	-61.9	6.1	0	62	296	14	13,186	0	-60.6	6.7	0	79	289	15	15,694	0	-62.8	6.9	0	88	282	19	19,928	1	-64.0	7.4	1	93	270	38	23,119	3	-58.1	8.2	3	90	259	32
		1,009		-7.9	4.5					1,406	0	-12.1	4.8	0	82	274	9	2,874	0	-18.4	6.8	0	81	281	10	5,315	0	-32.2	5.9	0	75	284	13	8,741	0	-54.8		0	78	286	18
KRASNOJARSK		11,283	2	-61.3		2	86	295	18	13,070	2	-50.8		2	89	291	18	15,604	4	-62.2		4	92	287	19	19,927	12	-57.2		9	84	265	18	23,255	14	-47.7		9	78	238	19
		996		-10.4	5.4					1,433	6	-14.1	4.3	8	90	265	11	2,878	6	-21.5	5.3	9	85	271	12	5,293	6	-34.4	5.4	6	88	281	17	8,694	6	-56.9		6	77	283	19
KIRENSK		11,228	7	-62.1		7	88	287	22	13,003	7	-61.8		7	89	285	23	15,522	10	-62.8		9	89	279	25	19,907	16	-55.6		9	92	258	31	23,376	19	-43.6		9	93	241	32
		987		-11.5	5.0					1,409	0	-13.8	5.6	2	85	262	9	2,856	0	-22.4	5.0	0	88	278	12	5,270	0	-36.8	4.9	0	89	284	16	8,656	0	-57.3		0	86	288	20
ORENBURG		11,196	1	-59.4		1	90	289	20	12,997	2	-58.1		2	89	284	19	15,575	4	-56.0		3	90	277	18	20,073	12	-45.9	15.5	9	87	257	21	23,633	19	-38.2		9	66	245	16
		1,014		-6.9	3.6					1,502	0	-7.2	8.9	0	31	320	3	3,004	0	-13.9	9.6	0	37	333	5	5,482	0	-29.4	8.3	0	31	347	6	8,940	0	-53.7		0	36	349	8
KUSTANAJ		11,496	0	-59.7		0	48	339	11	13,308	0	-58.5		0	59	328	12	15,853	1	-61.1		0	69	317	13	20,111	1	-63.9		0	75	294	16	23,281	5	-61.5		6	79	280	18
		1,005		-7.7	2.8					1,472	0	-8.0	6.1	0	43	300	4	2,963	0	-13.6	9.7	0	42	310	5	5,451	0	-27.8	8.1	0	36	319	6	8,945	0	-51.4		0	30	333	7
KARAGANDA		11,505	0	-60.5		0	42	321	9	13,297	1	-58.9		1	60	303	11	15,827	2	-60.0		3	73	290	13	20,155	6	-62.2		6	88	275	21	23,338	7	-58.1		8	87	261	26
		958		-6.0	3.0					1,484	0	-7.5	5.4	0	55	257	4	2,977	0	-13.5	8.2	0	68	258	7	5,460	0	-28.7	7.4	0	49	259	9	8,930	0	-52.9		0	49	259	12
GUREV		11,485	0	-60.0		0	74	267	15	13,287	0	-58.2		0	80	269	16	15,834	0	-59.2		0	86	269	19	20,168	1	-58.1		1	94	263	26	23,425	1	-51.8		1	91	257	29
		1,031		-0.5	4.5					1,513	4	-4.3	9.8	5	14	49	1	3,023	4	-10.9	11.6	5	38	25	3	5,535	4	-25.5	11.0	4	28	28	4	9,062	4	-47.7		5	38	20	8
ASHABAD		11,658	5	-56.5		5	45	5	9	13,485	7	-54.9		8	58	348	9	16,038	10	-57.1		9	67	323	10																
		986		6.5	9.6					1,500	0	-0.8	7.1	0	18	167	1	3,030	0	-8.7	7.8	0	62	262	6	5,563	0	-23.4	8.4	1	75	270	13	9,097	1	-49.1	6.9	1	85	270	23
TASKENT		11,687	2	-56.5	6.3	4	90	269	26	13,510	3	-56.1	7.1	4	93	269	25	16,060	6	-60.1	7.8	6	96	268	22	20,395	13	-59.5	8.7	9	91	267	14	23,613	13	-55.0	9.8	9	85	256	14
		964		-6.0	9.2					1,509	0	-0.3	9.2	0	23	273	1	3,036	0	-9.7	9.3	0	64	256	5	5,548	0	-26.5	8.5	0	68	253	11	9,061	0	-50.2	7.2	0	74	259	19
ALMA-ATA		11,650	0	-56.8	7.3	0	81	263	22	13,476	0	-55.6	8.2	0	81	270	21	16,041	1	-57.9	8.8	1	86	273	19	20,413	2	-57.0	9.7	2	90	271	18	23,689	3	-53.6	10.7	5	82	261	16
		944		-0.6	3.4					1,501	11	-2.4	6.9	9	19	287	1	3,024	11	-9.3	7.8	9	79	274	5	5,551	11	-25.2	5.7	9	88	280	15	9,066	1	-51.7	5.2	9	80	277	23
USSR-EASTERN		11,612	11	-62.1	5.1	9	85	279	23	13,397	11	-59.4	5.9	9	91	281	24	15,925	11	-60.5	6.9	9	95	284	24	20,250	12	-58.5	8.2	9	97	281	24	23,498	14	-55.2	9.9	9	93	276	22
OSTROV KOTELNYJ		1,012		-28.3	2.7					1,307	0	-21.0	3.7	0	76	232	7	2,726	0	-26.9	4.8	0	66	233	7	5,079	0	-41.3	4.1	0	48	229	6	8,390	0	-59.8	3.8	0	36	226	5
		10,921	0	-59.0	4.6	0	67	217	8	12,727	0	-58.5	5.4	0	84	214	11	15,284	0	-57.3	6.4	0	84	215	15	19,745	0	-51.1	8.7	0	88	214	25	23,187	2	-43.9	11.2	2	80	214	31
OSTROV CETYREHSTOLBOVOJ		1,016		-22.0	11.3					1,353	0	-20.5	3.5	0	24	196	2	2,776	0	-25.9	4.0	0	43	211	4	5,148	0	-39.9	3.9	0	54	222	8	8,500	0	-55.9	3.7	0	73	228	14
		11,085	0	-53.7	4.5	0	87	228	16	12,320	0	-52.6	5.0	0	93	230	19	15,567	0	-49.7	5.9	0	90	232	24	20,175	2	-44.1	8.2	4	92	232	33	23,625	5	-41.2	10.1	5	87	229	34
MYS SMIDTA		1,021		-24.9	1.8					1,374	0	-17.3	4.3	0	24	251	2	2,820	0	-22.3	5.8	0	43	254	5	5,217	0	-36.5	5.3	0	55	249	11	8,603	0	-54.9	4.1	0	68	252	17
		11,191	0	-52.9	5.3	0	78	250	17	13,056	0	-49.9	6.5	0	82	248	18	15,728	0	-47.2	8.2	0	82	246	20	20,345	0	-44.4	10.6	0	79	242	20	23,762	0	-43.5	11.8	0	78	237	19
ANADYR		1,020		-20.4	2.8					1,380	0	-14.5	6.3	0	24	214	2	2,839	0	-20.1	9.0	0	36	234	4	5,269	0	-34.0	7.0	0	53	236	9	8,688	0	-55.0	4.9	0	53	247	15
		11,292	1	-52.1	6.6	1	74	244	13	13,174	1	-48.8	8.2	1	79	243	14	15,855	1	-46.9	10.3	2	83	240	15	20,485	1	-45.2	12.1	1	78	236	13	23,886	1	-44.3	13.2	1	62	222	10
KORF		1,014		-10.7	3.8					1,363	0	-13.9	4.3	0	42	157	4	2,817	0	-20.6	7.3	0	55	183	6	5,240	0	-33.9	5.9	0	62	202	8	8,664	0	-53.7	4.9	0	74	210	15
		11,262	0	-51.9	5.6	0	86	219	14	13,140	0	-48.7	6.7	0	93	221	14	15,819	0	-46.8	8.1	0	86	219	13	20,427	0	-45.7	10.3	0	81	219	11	23,826	1	-45.2	11.4	3	70	219	10
PETROPAVLOVSK/KAMCATSKIJ		998		-3.9	5.0					1,334	0	-11.1	3.4	0	48	82	3	2,803	0	-18.8	5.1	0	12	103	1	5,245	0	-31.6	5.5	0	43	234	6	8,687	0	-53.4	5.1	0	49	231	11
		11,292	0	-50.6	6.6	0	74	228	12	13,174	0	-48.3	8.2	0	90	227	12	15,854	0	-47.2	9.8	0	84	222	11	20,442	0	-47.2	11.2	0	81	207	9	23,816	0	-46.7	12.2	0	52	171	6
OHOTSK		1,016		-15.6	6.4					1,355	0	-19.3	7.4	0	60	324	3	2,785	0	-25.7	7.0	0	62	304	4	5,157	0	-39.9	6.3	0	55	272	6	8,511	0	-56.5	6.0	0	55	234	9
		11,096	0	-52.6	7.4	0	80	228	12	12,964	0	-50.4	8.8	0	80	224	15	15,632	0	-47.1	10.8	0	80	223	18	20,245	0	-45.2	13.3	0	80	216	19	23,704	0	-42.2	14.6	1	67	200	14
JUZNO-SAHALINSK		1,013		-6.8	2.7					1,373	0	-12.0	5.9	1	23	23	2	2,837	0	-19.2	6.3	0	42	319	4	5,271	0	-32.4	6.7	0	62	280	10	8,709	0	-52.4		0	67	269	18
		11,323	0	-50.4		0	85	267	19	13,209	0	-48.8		0	91	263	18	15,870	0	-18.9		0	90	256	16	20,421	0	-48.8		0	76	234	9	23,775	1	-48.4		1	51	199	6
VLADIVOSTOK		1,007		-1.9	5.7					1,411	0	-8.2	6.6	0	53	311	6	2,899	0	-15.3	7.6	0	75	300	10	5,372	0	-29.6	7.7	0	76	289	16	8,849	0	-51.0	7.0	0	81	282	25
		11,458	0	-53.3	7.6	0	87	276	26	13,328	1	-51.1	8.4	1	93	272	25	15,963	1	-52.1	9.1	1	91	268	21	20,462	2	-51.6	9.9	3	93	258	12	23,792	3	-49.9	10.7	3	48	224	5
OLENEK		985		-26.2	2.8					1,279	1	-21.5	3.4	1	11	282	1	2,695	1	-27.3	4.1	1	23	263	2	5,046	1	-42.4	4.0	1	30	277	3	8,355	1	-58.9	4.3	1	23	291	3
		10,886	1	-59.6	5.2	1	34	273	4	12,687	1	-59.5	6.0	1	47	251	5	15,220	1	-59.2	6.9	1	62	228	8	19,600	2	-54.1	9.4	1	81	214	17	22,920	2	-48.7	11.5	1	84	204	21
VERHOJANSK		1,001		-31.0	3.4					1,337	0	-19.9	4.3	0	55	207	3	2,762	0	-26.0	4.4	0	42	212	3	5,123	0	-41.3	3.8	0	36	221	4	8,447	0	-58.2	3.2	0	40	228	6
		11,006	0	-55.6	3.7	0	61	221	8	12,846	0	-53.8	4.6	1	75	218	11	15,460	2	-52.0	5.9	2	78	216	16	20,030	10	-45.7	8.6	9	89	216	26	23,399	13	-42.0	10.5	9	81	210	26
SEJMCAN		993		-25.9	3.7					1,354	0	-20.4	4.5	0	18	341	1	2,779	0	-26.0	5.6	0	37	202	3	5,151	0	-39.1	5.6	0	54	215	7	8,519	0	-55.5	4.9	0	74	218	13
		11,108	0	-52.3	6.9	0	86	216	14	12,976	0	-49.8	8.5	0	90	218	16	15,650	0	-47.1	10.6	0	87	218	19	20,261	0	-44.9	13.5	0	81	217	20	23,690	0	-43.0	15.4	0	78	210	19
JAKUTSK		1,005		-22.0	3.8					1,349	0	-19.7	4.8	0	5	247	4	2,769	0	-26.4	4.3	0	55	254	5	5,127	0	-40.5	3.9	0	55	251	7	8,460	0	-57.6		0	54	259	9
		11,012	0	-56.5		0	67	249	10	12,844	0	-54.3		0	73	238	12	15,459	0	-51.4		0	70	230	15	19,975	0	-47.3	13.2	0	79	224	23	23,392	0	-43.2	14.9	0	80	217	25
ALDAN		933		-15.2	6.3					1,385	0	-17.3	6.0	0	75	264	7	2,823	0	-25.4	5.3	0	74	285	8	5,201	0	-38.8	5.1	0	74	278	13	8,554	0	-58.0	4.7	0	74	280	17
		11,095	0	-56.9	5.7	0	82	269	15	12,925	0	-54.9	6.9	0	7	256	15	15,548	0	-50.8	8.9	0	79	242	19	20,113	9	-46.1	12.0	0	78	233	24	23,504	2	-44.4	13.7	2	77	224	25
CITA		938		-9.5	5.5					1,427	0	-9.4	8.0	0	67	312	5	2,898	0	-18.9	6.7	0	79	313	9	5,329	0	-34.1	6.4	0	84	309	14	8,736	0	-56.7		0	84	303	21
		11,288	0	-57.6		0	94	297	22	13,113	0	-55.5		0	93	288	22	15,703	0	-53.9		0	90	278	23	20,211	2	-48.7		3	86	262	21	23,626	4	-46.8		5	77	247	18

UPPER AIR DATA

MARCH 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
USSR-EASTERN																																									
BLAGOVESCENSK		1,000		-5.6						1,404	0	-10.8	8.8	0	52	320	4	2,867	0	-19.7	7.1	0	52	316	5	5,298	0	-33.7	7.0	0	72	313	10	8,719	0	-54.4		0	72	290	16
		11,306	0	-53.7		0	86	281	18	13,163	0	-51.4		0	84	275	18	15,808	0	-49.5		0	90	264	18	20,376	4	-47.3		4	83	249	13	23,786	4	-46.6		5	54	221	7
HABAROVSK		1,007		-5.8	4.1					1,390	0	-10.9	6.4	0	29	315	2	2,861	0	-19.2	7.7	0	41	300	3	5,290	0	-33.5	7.1	0	59	290	8	8,711	0	-53.2		0	68	279	15
		11,313	0	-51.8		0	85	270	17	13,182	0	-49.8		1	88	265	17	15,835	0	-48.8		2	90	258	17	20,406	3	-48.3		3	88	239	11	23,764	3	-47.6		3	51	205	7
HONG KONG																																									
KINGS PARK	1	1,009		16.1	2.7					1,512	1	11.5	4.9	0	70	212	6	3,123	1	5.2	5.9	0	96	259	13	5,796	0	-7.9	27.9	0	98	268	24	9,596	0	-31.1	27.3	0	99	267	38
		12,345	0	-52.1	24.2	0	98	265	38	14,147	0	-66.0	22.4	0	98	263	35	16,528	1	-78.0	20.7	0	98	266	23	20,576	4	-61.7	23.3	1	65	249	4	23,813	9	-52.5	29.9	6	89	81	6
REPUBLIC OF KOREA																																									
POHANG	3	1,018		6.2	7.7					1,465	0	-2.2	12.7	0	55	302	4	2,992	0	-8.6	12.5	0	70	291	8	5,524	0	-23.6	10.1	0	84	279	16	9,039	0	-47.2		0	90	270	14
		11,688	0	-54.0		1	93	270	37	13,530	2	-54.7		4	94	270	38	16,097	7	-58.2		9	92	271	26	20,441	14	-54.9		9	96	269	9	23,754	18	-51.7		9	36	290	3
ISRAEL																																									
BET DAGAN		1,012		21.1	9.9					1,501	0	9.0	11.5	0	36	251	2	3,010	0	0.1	14.3	0	75	273	6	5,689	0	-17.4	11.8	0	94	271	16	9,321	0	-42.4	9.8	0	97	272	30
		11,994	0	-53.1		0	98	272	38	13,823	0	-59.8		0	99	271	38	16,322	0	-65.7		0	99	272	30	20,574	6	-61.3		6	96	276	13								
JORDON																																									
MAFRAQ	3	936		14.1	12.4					1,483	0	8.4	9.8	0	56	259	3	3,055	0	-1.0	15.0	0	82	264	7	5,647	0	-18.4	14.0	0	90	267	14	9,260	1	-42.6		1	94	268	25
		11,914	4	-52.6		4	94	266	29	13,730	12	-58.2		12	96	265	29	16,211	18	-64.5		18	96	264	24																
KUWAIT																																									
KUWAIT INTL AIRPORT	3	1,007		19.8	6.7					1,498	0	11.4	3.4	0	69	282	6	3,089	0	1.6	20.2	0	88	277	12	5,712	0	-15.3	40.8	0	92	276	23	9,373	0	-40.1	63.9	0	95	273	43
		12,015	0	-54.2		0	95	274	52	13,861	0	-62.0		0	98	271	46	16,312	0	-69.9		0	95	269	30	20,472	0	-63.2		1	90	268	9	23,669	2	-55.7		3	89	260	9
SAUDI ARABIA																																									
JEDDAH (KING ABDULAZIZ) AP	3	1,007		27.3	9.8					1,505	0	19.8	15.2	0	72	182	5	3,147	0	9.8	22.0	0	77	248	5	5,843	0	-8.5	23.5	0	94	270	14	9,606	0	-33.9	20.6	0	95	271	26
		12,330	1	-53.2	17.4	0	96	274	30	14,132	0	-65.3	17.3	0	97	267	28	16,520	0	-76.8	16.9	2	98	268	20	20,568	2	-65.3	19.6	2	72	275	4								
TABOUK	3	926		19.0	15.9					1,507	0	13.6	16.2	0	32	245	2	3,107	2	3.0	22.5	3	85	267	9	5,751	2	-13.7	19.0	2	95	273	23	9,441	2	-38.2	14.9	2	96	272	44
		12,132	2	-53.8	16.5	4	98	275	1	13,949	3	-63.3	17.4	3	98	272	45	16,378	5	-70.8	17.5	5	98	273	30	20,516	8	-62.7	19.8	9	92	274	8								
HAIL	3	901		21.5	21.7					1,514	2	16.1	17.2	5	61	248	3	3,120	3	3.3	16.2	4	88	267	9	5,769	3	-12.9	21.2	4	96	273	24	9,471	3	-37.6	17.6	3	96	273	43
		12,169	3	-53.5	21.1	3	96	275	49	13,983	3	-62.6	23.1	6	97	272	42	16,423	5	-71.5	22.2	5	98	272	29	20,566	2	-62.4	25.3	3	86	283	6								
MADINAH	3	938		29.0	25.3					1,504	1	19.7	18.5	3	59	230	3	3,134	1	8.0	22.0	1	91	259	9	5,814	1	-10.3	23.3	1	96	272	20	9,562	1	-45.5	21.3	1	97	272	36
		12,261	1	-53.8	20.5	1	96	276	40	14,061	2	-64.8	22.1	1	97	269	36	16,466	1	-74.9	21.9	3	99	270	26	20,545	0	-64.1	24.2	0	80	284	4	23,750	2	-54.7	29.3	2	40	205	3
KHAMIS MUSHAIT	3	797		18.1	8.1													3,158	3	10.3	11.1	5	87	219	6	5,868	3	-6.8	23.2	6	86	262	8	9,650	3	-33.1	19.7	6	86	272	15
		12,381	4	-53.3	17.3	5	92	267	19	14,176	4	-66.3	16.1	6	93	265	18																								
KING KHALED INT AP	3	944		20.3	16.9					1,509	1	15.0	15.3	1	48	254	4	3,126	0	5.9	13.4	1	93	269	14	5,795	0	-11.1	19.8	2	96	273	22	9,529	0	-35.5	18.7	0	94	269	39
		12,241	1	-53.1	19.4	2	95	274	42	14,049	5	-63.9	21.5	5	97	270	38	16,454	9	-75.0	20.4	9	97	272	29	20,555	15	-63.9	22.8					23,762	17	-54.1	29.8				
DHAHRAN	3	1,010		21.1	9.9					1,496	0	13.5	15.9	0	75	282	7	3,104	0	4.7	17.8	1	91	274	14	5,760	0	-12.5	15.2	0	96	272	25	9,475	0	-36.6	13.1	0	96	272	44
		12,178	2	-53.1	14.4	2	96	273	48	13,986	6	-63.9	14.8	6	96	268	42	16,413	8	-73.3	14.3	8	98	268	30																
OMAN																																									
SEEB INTERNATIONAL AP	3	1,009		24.8	9.3					1,503	0	17.3	16.3	0	81	255	6	3,129	0	6.9	17.0	0	92	272	12	5,803	0	-10.2	19.0	0	96	273	22	9,553	0	-34.3	18.1	0	97	271	38
		12,275	0	-53.3	19.0	0	97	268	40	14,072	0	-65.1	18.3	0	97	268	37	16,470	0	-75.2	17.5	0	95	266	25	20,549	0	-63.5	20.3	0	85	271	6	23,760	0	-54.5	26.8	0	23	241	1
SALALAH	2	1,008		28.9	9.9					1,505	2	19.8	14.6	2	10	71	1	3,150	2	10.3	14.6	2	43	320	3	5,859	2	-6.7	16.6	2	68	279	7	9,657	3	-32.4		3	89	265	16
		12,427	4	-53.9		4	90	264	17	14,208	4	-66.5		5	89	262	15	16,562	5	-75.8		7	90	273	11	20,589	9	-65.8		9	63	254	5	23,768	14	-56.1					
UNITED ARAB EMIRATES																																									
ABU DHABI INT AIRPORT	3	1,009		22.8	9.2					1,501	0	16.0	19.1	1	72	280	7	3,120	0	6.2	14.5	1	90	271	13	5,785	0	-11.1	14.5	2	96	273	25	9,520	0	-35.3	14.0	2	96	270	42
		12,235	0	-53.3		2	96	271	44	14,037	0	-64.9		3	97	269	41	16,440	7	-74.4		9	97	269	29	20,517	16	-63.9		9	90	282	7								
AFGHANISTAN																																									
KABUL-AIRPORT	3	819		6.1	8.8													3,060	0	2.2	7.9	0	49	213	3	5,598	0	-19.7	8.4	0	88	256	13	9,232	0	-47.2	7.4	0	89	262	28
		11,841	0	-56.6	7.0	1	96	266	39	13,667	0	-57.0	7.5	1	98	267	40	16,203	1	-62.0	7.6	1	98	268	31	20,512	4	-59.0	8.4	5	92	266	15	23,762	8	-54.1	9.8	8	73	263	10
PAKISTAN																																									
PESHAWAR	1	970		11.8	2.6					1,465	5	9.0	5.4	5	28	281	1	3,040	5	3.0	5.0	5	43	248	3	5,638	5	-18.5	5.7	5	89	255	12	9,267	7	-43.9		8	85	256	25
		11,867	13	-53.9																																					
SARGODHA	1	990		14.4	3.2					1,462	3	12.0	8.8					3,054	3	3.6	8.4					5,645	3	-17.7	7.5					9,279	3	-46.3					
QUETTA/BREWERY	1	837		5.8	4.6													3,067	1	3.0	4.4	1	82	257	7	5,665	1	-21.9	6.4	1	91	264	16	9,287	1	-43.9	6.2	1	94	267	24
		11,921	1	-54.3		1	94	266	27	13,768	6	-60.5		9	96	265	31																								
MULTAN	1	930		14.8	5.4					1,471	2	12.4		2	38	265										5,646	2	-18.1		2	90	271	15	9,286	4	-41.3		4	94	279	28
		11,954	7	-51.5		7	98	269	39	13,881	14	-51.4																													
INDIA																																									
SRINAGAR	3	841		7.4	4.6													3,072	0	-1.1	5.6	0	67	145	3	5,669	0	-18.3	6.2	0	66	225	6	9,304	0	-43.1		0	77	250	19
		11,939	1	-55.7		9	85	260	30																																
NEW DELHI/SAFDARJUNG	3	978		21.7	12.3					1,479	0	14.8	15.5	0	57	291	4	3,084	0	2.9	9.3	0	83	264	9	5,719	0	-14.7	9.8	0	92	274	17	9,404	0	-38.7		1	94	274	34
		12,102	0	-52.7		7	98	271	50	13,917	0	-62.3		9	97	266	45	16,378	0	-69.4						23,572	2	-59.0						23,815	5	-51.9					
JODHPUR	3	984		26.0	22.2					1,491	0	17.2	22.1	0	61	263	4	3,108	0	4.4	13.3	0	74	262	7	5,767	0	-11.8	12.7	3	85	267	19	9,511	0	-34.5		6	95	269	42
		12,256	2	-50.4						14,071	6	-61.8						16,498	12	-69.3						20,753	13	-55.0													
LUCKNOW/AMAUSI	3	994		21.6	8.6					1,474	0	16.0	16.0	0	88	292	6	3,085	0	3.9	11.8	0	89	283	9	5,734	0	-13.3	11.1	0	98	277	16	9,451	0	-35.5		1	96	277	28
		12,178	2	-51.8		9	97	269	35	13,996	3	-63.9						16,438	13	-70.0																					
GAUHATI	3	1,003		22.9	12.2					1,471	0	16.4	13.5	0	94	254	7	3,085	0	4.1	10.6	0	94	260	15	5,741	0	-11.1		0	96	273	21	9,488	0	-33.6		7	95	271	38
		12,248	5	-50.7						14,076	18	-63.2																													
AHMADABAD	3	1,003		27.8	15.9					1,496	0	20.1	20.9					3,132	0	8.4						5,821	7	-8.3													

UPPER AIR DATA

MARCH 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
INDIA																																									
CALCUTTA/DUM DUM	3	1,007		27.4	11.1					1,489	0	18.9	14.3	0	59	275	5	3,115	0	5.8	12.4	0	93	295	11	5,787	0	-9.9		0	95	278	19	9,551	2	-33.1		3	96	267	36
		12,273	2	-54.9		3	99	261	35	14,043	4	-67.8		5	96	262	29	16,408	8	-77.1						20,511	14	-60.0													
NAGPUR/SONEGAON	3	975		27.9	16.3					1,507	0	21.1	12.1	0	44	236	3	3,144	0	8.1	4.4	0	94	268	8	5,831	0	-8.3	10.1	0	99	279	15	9,640	0	-29.6		0	99	265	24
		12,397	3	-51.5		3	99	262	21																																
BHUBANESWAR	3	1,004		27.3	8.3					1,496	0	19.5	15.4	0	73	283	3	3,126	0	7.5	13.2	0	85	307	8	5,823	0	-6.9	12.6	0	92	281	15	9,637	0	-31.0		0	93	271	25
		12,378	0	-52.8		0	97	260	27	14,185	0	-66.5		0	88	257	23	16,565	1	-77.2		1	93	263	16	20,703	1	-59.1		1	63	289	5	23,977	6	-49.2		5	53	74	4
HYDERABAD AIRPORT	3	952		30.0	15.6					1,534	0	22.3	16.1	0	52	141	3	3,179	0	9.0	9.4	0	57	307	3	5,879	0	-6.5		1	79	283	9	9,695	2	-31.4		2	95	259	16
		12,445	2	-52.7		2	94	245	15	14,249	6	-65.9		6	83	246	15	16,599	9	-79.0		9	94	264	9																
VISHAKHAPATNAM/WALTAIR	3	1,003		26.8	2.9					1,484	0	21.0	16.5	0	5	176	1	3,133	0	8.2	11.0	0	86	345	6	5,832	0	-5.9		0	83	286	9	9,668	1	-29.2		2	96	266	16
		12,451	2	-51.7		5	99	247	15	14,249	10	-66.4		9	88	242	14																								
GOA/PANJIM	3	1,002		26.9	4.5					1,489	0	19.8	21.2	0	67	357	4	3,119	0	7.1	11.7	0	74	97	4	5,813	1	-7.2		1	53	312	4	9,619	1	-31.9		3	26	113	3
		12,363	1	-54.4		4	85	236	9	14,163	3	-68.6		6	69	238	8	16,545	6	-77.9		9	64	255	4	20,616	11	-62.4													
MADRAS/MINAMBAKKAM	3	1,007		27.1	4.4					1,493	0	19.6	17.9	0	82	102	4	3,138	0	9.3	17.9	0	89	40	6	5,847	0	-5.1		0	40	56	2	9,689	0	-29.6		0	31	257	2
		12,450	0	-52.1		0	84	183	9	14,250	0	-67.2		0	61	169	6	16,597	3	-79.9		3	18	46	1	20,671	8	-61.5		9	84	266	8								
PANAMBUR	3	1,005		28.2	5.0					1,494	1	20.7	13.7	1	64	63	3	3,140	1	9.3	12.3	1	92	70	7	5,855	1	-5.4		1	58	60	4	9,687	1	-30.9		1	15	252	1
		12,430	1	-53.3		1	76	190	7	14,223	2	-68.4		2	41	177	4	16,563	3	-80.5		3	25	88	2	20,656	8	-63.2		9	9	218	1								
COCHIN/WILLINGDON	3	1,008		28.8	4.5					1,499	0	19.7	6.9					3,139	0	9.5	14.9					5,855	0	-5.5	12.1					9,684	0	-31.1					
		12,434	5	-54.7																																					
MINICOY	3	1,008		28.4	4.5					1,494	4	18.2	8.7	4	86	76	6	3,133	4	8.8	13.2	4	93	72	10	5,841	4	-5.7		4	99	72	7	9,670	7	-31.4		7	73	99	6
		12,409	14	-54.0																																					
TRIVANDRUM	3	1,001		27.9	4.4					1,482	0	18.0	6.0	0	77	62	5	3,113	0	9.0	13.5	0	91	77	8	5,823	0	-5.9	12.0	0	84	86	6	9,657	0	-30.4		0	81	109	7
		12,396	0	-53.6		0	89	140	12	14,191	0	-67.8		0	73	125	9	16,572	0	-77.5		0	32	86	2	20,704	3	-61.5		2	23	279	2	23,951	5	-52.9		4	61	264	3
MONGOLIA																																									
ULAN-BATOR	1	868		-9.4	5.2					1,473	0	-9.2	6.8	3	19	291	1	2,963	0	-15.2	7.8	0	76	310	4	5,417	0	-30.2	7.6	0	85	307	9	8,871	0	-55.4	5.6	0	82	301	12
		11,419	1	-58.1	5.8	1	88	297	12	13,245	2	-56.1	6.8	1	93	291	13	15,827	1	-55.3	7.3	1	91	289	12																
DALANZADGAD	1	851		-3.5	13.3					1,505	10	-4.4	13.9	9	52	316	2	2,994	1	-10.8	11.1	1	70	300	3	5,503	1	-26.3	10.4	0	79	287	7	8,999	1	-51.3	7.3	0	77	283	10
		11,587	0	-59.5	7.0	0	84	282	12	13,360	0	-56.2	7.4	0	90	280	13	15,926	0	-57.0	8.6	1	92	275	12																
MALAYSIA																																									
PENANG/BAYAN LEPAS	3	1,008		26.1	2.7					1,496	0	18.9	4.1	0	68	66	3	3,140	0	10.6	8.9	0	93	80	7	5,867	0	-4.5	10.1	0	92	93	8	9,703	0	-30.3	12.4	0	88	104	9
		12,449	0	-53.1		0	90	127	11	14,240	0	-67.8		0	94	117	16	16,591	0	-79.3		0	85	101	11	20,645	3	-66.4		4	97	262	14	23,793	8	-59.2		9	91	272	12
KOTA BHARU	3	1,009		25.7	2.8					1,495	0	17.9	4.2	0	70	85	4	3,133	0	9.9	9.1	0	95	84	7	5,853	0	-5.1	9.6	0	90	97	8	9,677	0	-31.3	11.6	0	91	99	9
		12,406	0	-54.5		0	91	127	12	14,183	1	-69.4		2	94	118	16	16,538	15	-79.3		17	93	108	13																
KUALA LUMPUR/PETALING JAYA	3	1,004		25.0	2.3					1,494	0	16.7	2.0	0	73	44	4	3,129	0	8.5	4.9	0	80	75	5	5,840	0	-6.4	6.3	0	90	91	8	9,659	0	-31.7	11.0	0	91	100	8
		12,391	0	-54.7		0	95	117	13	14,167	0	-70.3		0	97	114	18	16,489	0	-80.3		0	89	103	11	20,547	2	-66.1		8	98	271	13	23,713	4	-58.8		9	95	266	15
KUANTAN	3	1,008		24.3	1.4					1,492	0	16.0	2.7	0	84	50	5	3,125	0	8.5	7.6	0	88	79	6	5,837	0	-5.8	9.3	0	91	92	9	9,660	0	-31.5	14.3	0	90	97	9
		12,389	0	-55.3		0	93	126	13	14,161	0	-70.9		0	96	120	18	16,481	0	-80.5		0	90	100	12	20,541	1	-66.7		1	95	276	13	23,965	4	-59.5		4	95	271	16
KUCHING	3	1,007		24.6	1.5					1,494	1	16.9	3.6	1	10	5	1	3,129	0	8.1	4.6	2	41	81	2	5,837	1	-7.0	4.9	4	87	91	7	9,643	1	-32.3	9.2	5	93	101	10
		12,374	2	-54.4		19	94	105	13	14,151	3	-69.9		27	95	111	18	16,489	5	-79.9		29	100	130	3	20,552	15	-66.5						23,706	28	-58.1					
KOTA KINABALU	3	1,009		26.2	3.1					1,496	0	18.2	3.9	0	71	89	3	3,136	0	10.1	9.3	0	88	90	6	5,855	0	-5.4	11.1	0	92	93	9	9,669	0	-31.6	10.9	0	92	94	9
		12,407	0	-52.7		2	95	120	14	14,205	0	-66.4		8	95	120	18	16,564	0	-79.7		12	91	107	8	20,615	1	-66.8		19	98	274	11	23,773	17	-59.0		28	65	284	7
TAWAU	1	1,008		24.9	1.4					1,505	0	17.6	3.6	0	87	70	5	3,142	0	10.1	7.7	0	91	84	8	5,864	0	-4.9	12.2	0	95	88	11	9,688	0	-30.9	13.4	0	94	95	10
		12,433	0	-52.5		0	96	110	17	14,230	0	-66.7		3	95	106	18	16,583	0	-79.7		10	71	94	5	20,635	10	-65.3		25	94	268	10	23,849	26	-55.6		28	98	237	16
SINGAPORE																																									
SINGAPORE/CHANGI AIRPORT	1	1,007		24.2	0.7					1,494	0	17.3	2.9	0	61	55	4	3,130	0	8.9	4.5	0	73	79	5	5,843	0	-5.9	3.8	0	89	85	8	9,667	0	-30.9	8.8	0	94	99	9
		12,406	0	-54.0	9.5	0	96	115	14	14,187	0	-68.9		0	97	108	19	16,528	0	-80.1		0	72	84	6	20,570	2	-67.3		2	96	267	12	23,715	3	-59.9		3	94	270	14
CHINA																																									
HAILAR	1	944		-12.6	3.1					1,418	0	-9.5	6.5	0	43	314	3	2,893	0	-18.3	7.3	0	70	310	7	5,336	0	-33.2	7.2	0	81	303	13	8,752	0	-55.9	6.0	0	88	295	22
		11,307	0	-56.7	6.7	0	83	288	20	13,139	1	-53.9	7.3	1	92	279	22	15,754	2	-52.1	8.3	2	96	271	22	20,268	4	-49.3	10.4	6	90	254	19	23,599	7	-48.6	11.3	9	81	245	17
URUMQI	1	915		-3.3	3.6					1,504	0	-4.1	5.3	0	50	12	3	3,019	0	-9.8	7.8	0	43	319	3	5,548	0	-24.4	7.6	0	92	278	12		1	-51.2	5.8	1	88	264	23
		11,617	1	-61.9	6.4	1	93	261	13	13,412	1	-58.2	5.9	2	96	265	13	15,967	1	-58.9	6.3	2	100	260	25	20,330	3	-56.3	7.3	7	100	257	22	23,647	8	-51.0	9.2	9	84	248	16
BEIJING	1	1,015		2.8	8.3					1,480	0	-2.6	11.0	0	58	315	6	2,998	0	-11.0	11.8	0	74	312	8	5,516	0	-25.3	11.6	0	85	294	17	9,034	0	-51.0	9.0	0	86	287	26
		11,603	0	-57.5	8.3	0	97	280	30	13,434	1	-55.1	8.9	1	98	276	31	16,012	1	-56.8	8.8	2	99	276	28	20,401	2	-55.1	8.6	3	95	269	12	23,681	4	-52.2	8.9	6	56	254	7
LANZHOU	1	848		-0.2	8.6													3,038	0	-5.5	9.3	0	20	248	1	5,614	0	-20.1	10.0	0	93	288	13	9,197	0	-42.9	8.0	0	93	280	27
		11,783	0	-58.2	7.3	0	97	275	36	13,603	0	-57.0	7.8	0	97	273	37	16,147	1	-61.1	8.7	1	100	270	30	20,462	1	-56.9	9.6	2	89	274	8	23,725	6	-53.1	10.4	6	44	275	4
SHANGHAI	1	1,020		6.4	2.9					1,493	0	2.8	8.4	0	38	314	3	3,050	0	-3.0	9.7	0	90	277	9	5,646	0	-17.3	10.2	0	96	275	22	9,288	0	-41.9	8.5	1	98	269	42
		11,973	0	-57.6	8.9	9	100	267	59	13,813	0	-58.2	9.4	9	98	274	54	16,316	0	-65.4	12.2	9	97	271	34	20,549	2	-59.9		9	86	270	6	23,796	6	-53.8		9	80	49	4
LHASA	1	650		-1.2	13.9																					5,710	1	-12.7	15.3	0	88	259	7	9,378	1	-40.2	12.4	3	92	276	33
		12,069	2	-51.7	12.5	4	96	272	54	13,899	3	-60.4	10.5	4	94	269	50	16,363	4	-69.2		7	94	267	34	20,525	4	-62.1		9	63	283	5	23,741	9	-55.6		9	44	294	4
TAIBEI	3	1,016		15.8	2.8					1,512	0	9.8	3.4	0	55	236	5	3,110	0	3.2	6.2	0	82	259	36	5,765	0	-11.5	9.1	0	97	267	28	9,517				1	99	267	2
		12,403	1			1	20	266	4																																
KUNMING	1	811		8.1	7.0													3,101	0	3.3	7.5	0	93	271	13	5,765	0	-9.7	15.2	0	96	276	24	9,533	1	-32.4	15.0	1	100	267	45
		12,284	1	-51.2	13.0	1	98	267	48	14,101	1	-63.6		2	100	267	44	16,505	3	-76.2		5	97	268	32	20,547	5	-64.7		8	71	294	5	23,753	6	-54.8		9	57	89	4
GUANGZHOU	1	1,016		15.1	2.3					1,508	0	-11.0	3.7	0	70	202	7	3,118	0	5.1	8.5	1	94	260	15	5,789	0	-8.6	14.4	0	96	265	25	9,582	0	-31.4	14.0	0	98	267	42
		12,334	0	-51.6	11.4	0	100	266	43	14,147	0	-64.5		1	98	263	39	16,542	0	-77.0		1	96	265	27	20,562	1	-65.9		1	88	281	7	23,751	4	-55.2		7	100	73	5

UPPER AIR DATA

MARCH 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
AUSTRALASIA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
NEW ZEALAND																																									
CHRISTCHURCH AERODROME	1	1,013		17.8	5.6					1,498	0	7.7	7.2	2	46	254	5	3,073	0	-0.8	10.3	1	53	248	11	5,683	0	-16.5	12.1	1	50	248	15	9,321	0	-43.6	10.7	1	49	239	24
		11,942	0	-57.8	10.1	1	58	247	30	13,761	0	-57.7	10.7	4	65	245	26	16,302	1	-59.5		7	61	263	15	20,664	2	-55.7		10	8	325	1	23,927	2	-51.9		10	63	79	3
INVERCARGILL AERODROME	1	1,017		14.9	4.5					1,489	0	5.9	5.1	2	56	286	12	3,058	0	-1.4	9.5	0	54	270	15	5,659	0	-17.6	11.5	0	48	254	17	9,288	0	-44.3		1	51	263	25
		11,914	0	-57.1		1	56	257	21	13,730	0	-58.0		1	72	254	29	16,280	0	-58.4		1	68	262	18	20,672	0	-55.3		3	46	238	4	23,947	2	-52.2		5	37	94	2
NORTH PACIFIC																																									
LIHUE, KAUAI, HAWAII	1	1,014		25.9	5.7					1,545	5	13.4	5.9	13	42	245	3	3,164	5	7.6	19.1	12	78	254	6	5,853	5	-9.4	16.5	12	86	257	11	9,605	5	-35.3	13.3	14	88	279	20
		12,310	5	-54.8		13	90	283	26	14,105	5	-65.4		13	92	277	25	16,511	5	-74.6		13	90	271	16	20,600	6	-64.0		14	24	302	1	23,804	7	-55.3		16	88	109	4
HILO/GEN. LYMAN, HAWAII	1	1,016		26.8	6.8					1,546	0	14.1	5.2	0	45	120	2	3,168	0	8.2	16.2	0	10	208	1	5,866	0	-8.5	16.8	0	65	254	5	9,630	0	-34.9	13.2	0	85	282	17
		12,340	0	-54.6		2	88	272	23	14,132	0	-66.1		3	89	273	22	16,527	0	-75.9		3	90	276	12	20,599	0	-64.9		1	32	360	1	23,795	0	-55.2		0	84	107	4
WAKE ISLAND	1	1,016		26.3	5.3					1,546	0	15.4	5.2	1	46	122	3	3,174	0	8.6	14.1	0	42	246	3	5,880	0	-6.4	16.3	1	77	278	8	9,686	0	-31.7	14.5	0	92	282	18
		12,431	1	-52.5		1	93	286	21	14,232	1	-66.0		1	94	285	19	16,604	1	-78.7		1	92	280	12	20,636	1	-65.1		2	32	35	1	23,829	3	-53.7		3	86	92	4
GUAM, TAGUAC, MARIANA IS.	1	1,000		26.0	2.8					1,528	0	17.4	6.4	0	98	86	9	3,168	0	10.1	12.8	0	85	81	5	5,891	0	-5.0	15.3	0	49	84	3	9,725	0	-30.3	14.0	0	37	290	2
		12,476	0	-52.7		0	64	240	5	14,271	0	-67.3		0	52	238	4	16,621	0	-81.2		0	26	80	1	20,652	0	-65.9		0	86	298	4	23,827	0	-56.1		0	72	96	3
YAP, CAROLINE ISLANDS	1	1,009		27.8	3.2					1,512	0	18.3	4.1	1	95	83	9	3,157	0	10.6	10.8	0	95	86	8	5,884	0	-4.8	11.8	0	90	99	8	9,724	0	-29.9	11.8	0	89	94	6
		12,478	0	-52.8		0	89	112	8	14,273	0	-67.5		0	79	101	8	16,621	0	-81.3		0	89	93	7	20,666	0	-65.5		0	90	283	5	23,834	0	-57.1		1	52	260	3
TRUK, CAROLINE ISLANDS	1	1,010		28.1	3.8					1,514	0	18.1	3.9	0	96	88	9	3,158	0	10.3	7.4	0	96	90	9	5,882	0	-4.8	8.2	0	97	93	9	9,723	0	-29.8	10.5	0	86	96	7
		12,476	0	-53.0		0	71	111	6	14,268	0	-68.0		0	65	88	6	16,609	0	-81.9		0	84	91	8	20,656	1	-65.0		1	95	270	9	23,829	2	-57.7		2	69	273	6
KOROR, PALAU ISLANDS	1	1,007		27.9	3.3					1,509	0	18.2	5.0	2	95	84	8	3,153	0	10.2	9.1	0	91	91	9	5,877	0	-4.9	9.9	0	92	93	9	9,716	0	-30.1	11.7	0	94	100	8
		12,467	0	-53.0		0	94	112	11	14,259	0	-67.6		0	93	105	11	16,604	0	-81.8		0	92	91	9	20,656	0	-66.0		1	94	277	7	23,817	0	-58.5		0	91	273	7
MAJURO, MARSHALL ISLANDS	1	1,010		28.2	3.7					1,515	0	18.1	2.7	0	96	97	11	3,159	0	10.1	6.2	0	95	97	10	5,883	0	-4.7	10.4	0	87	93	8	9,726	0	-29.7	12.7	0	41	67	4
		12,481	1	-52.6		1	43	343	4	14,277	0	-67.0		0	58	354	6	16,635	0	-80.6		0	52	58	4	20,683	1	-65.1		1	97	275	11	23,865	2	-56.6		2	91	273	7
PONAPE/POHNPEI, CAROLINE ISL	1	1,005		27.9	3.7					1,498	0	17.9	3.4	0	97	90	11	3,143	0	10.2	5.3	0	97	93	9	5,867	0	-4.8	6.6	0	92	95	9	9,710	0	-29.5	12.2	0	81	91	6
		12,468	0	-52.5		0	58	104	5	14,264	0	-67.4		0	54	74	5	16,613	0	-80.9		0	70	83	7	20,662	1	-64.8		2	97	269	9	23,834	4	-57.9		4	90	274	8
TARAWA, GILBERT ISLANDS	1	1,009		29.8	5.3					1,502	0	18.3	4.6	1	99	89	23	3,148	0	10.8	10.2	1	99	88	20	5,875	0	-4.5	14.3	2	84	96	15								
		12,457	0	-53.8	11.1	1	5	234	1	14,239	0	-69.3	6.7	1	14	273	2	16,568	0	-82.3		2	16	356	2	20,630	1	-64.5		2	98	269	32	23,814	2	-57.6		3	97	270	30
SOUTH PACIFIC																																									
FUNAFUTI, ELLICE IS.	1	1,009		30.1	5.2					1,508	0	18.2	3.0	2	93	70	12	3,151	0	9.8	6.5	2	92	84	13	5,872	0	-5.3	7.3	2	89	95	14	9,703	0	-30.9	11.0	2	67	124	10
		12,444	0	-54.3		2	72	143	18	14,227	0	-69.0		2	60	153	16	16,565	2	-82.4		5	37	212	6	20,615	4	-64.6		8	90	273	12	23,801	6	-56.1					
ATUONA, MARQUESAS ISLAND	1	1,004		30.7	7.0					1,505	0	16.9	3.4	0	92	93	6	3,139	0	10.5	15.7	0	85	81	5	5,855	0	-5.5	21.8	0	12	4	1	9,659	0	-32.1	16.7	0	67	262	9
		12,392	0	-53.2		0	77	274	13	14,190	0	-65.2		1	95	278	19	16,583	0	-76.2		1	92	284	13	20,628	3	-68.9		6	16	286	1	23,760	8	-58.0		9	53	46	4
PAGO PAGO, SAMOA	1	1,010		29.9	4.9					1,521	0	18.3	3.5	0	75	53	4	3,164	1	10.3	8.6	0	69	69	3	5,889	0	-5.2	9.5	0	60	97	3	9,717	1	-30.9	12.2	0	42	149	4
		12,457	2	-53.9		1	51	170	7	14,244	2	-68.0		1	58	171	9	16,601	2	-80.0		1	50	174	4	20,647	2	-66.3		1	97	85	6	23,830	2	-55.6		2	99	86	13
HAO, TUAMOTU IS.	1	1,013		29.2	4.9					1,524	0	16.2	5.9	0	81	68	5	3,151	0	7.8	9.1	0	73	86	4	5,853	0	-7.1	16.4	0	47	104	3	9,640	0	-33.3	14.1	0	68	150	6
		12,354	0	-55.3		0	64	187	8	14,134	0	-67.6		1	63	205	8	16,519	2	-75.0		4	65	253	5	20,587	6	-68.2		9	95	93	6	23,745	12	-56.8		15	97	94	15
TAHITI, SOCIETY IS.	1	1,012		29.6	6.1					1,520	0	16.7	4.2	0	74	57	4	3,151	0	8.3	8.9	0	48	44	3	5,856	0	-6.4	13.8	0	20	13	2	9,654	0	-32.5	11.0	0	13	214	1
		12,381	0	-54.2		0	44	204	6	14,164	0	-67.9		0	53	210	8	16,537	0	-76.5		0	49	229	4	20,595	4	-66.9		7	95	81	8	23,746	16	-57.2		20	99	85	13
NANDI, FIJI IS.	1													0	57	358	6					0	66	323	9					0	63	320	10					1	56	280	10
						1	56	243	13					1	62	229	18					1	51	221	11					3	95	92	19					16	99	88	30
RAROTONGA, COOK IS.	1	1,012		27.1	3.5					1,524	0	16.8	4.1	0	42	65	4	3,162	0	9.3	9.0	0	9	332	1	5,870	0	-7.0	9.8	0	96	228	8	9,672	0	-33.3	10.4	0	71	227	18
		12,392	0	-55.3		0	76	225	23	14,169	0	-68.8		0	78	221	26	16,534	0	-76.8		0	69	212	15	20,650	0	-62.2		2	91	87	16	23,887	1	-51.8		0	98	89	28
RAPA, AUSTRAL IS.	1	1,015		24.8	4.3					1,525	0	13.8	2.8	0	50	328	4	3,146	0	7.2	12.1	1	60	313	5	5,844	2	-7.5	10.5	2	75	300	8	9,632	2	-33.4	11.0	3	67	302	11
		12,347	3	-55.6		3	67	280	13	14,125	4	-68.6		5	74	265	14	16,513	5	-72.9		5	72	276	7									23,865	15	-54.1		17	97	86	12
CHATHAM ISLAND	1	1,010		17.1	3.9					1,491	0	5.9	4.4					3,064	0	-0.8	9.8					5,672	0	-17.1	11.0					9,250	0	-44.4					
		11,925	0	-55.8						13,754	0	-57.0						16,311	1	-59.5						20,683	1	-55.9						23,963	1	-51.3					
CAMPBELL ISLAND	1	1,009		10.5	3.0					1,415	0	2.2	4.9	2	77	284	27	2,968	0	-4.0	10.1	1	78	274	25	5,549	0	-19.7	9.0	1	76	271	33	9,153	0	-44.6	10.1	1	73	266	37
		11,785	1	-55.1	10.3	1	73	265	35	13,624	2	-53.9	11.9	2	82	271	33	16,229	3	-54.9		4	85	270	22	20,680	3	-52.5		3	92	289	24	23,998	3	-51.3		5	62	266	5

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	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
OCTOBER 1984		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
KINGSTON/NORMAN MANLEY, JAM.	2	1,012		25.9	4.4					1,522	0	17.2	4.2	1	93	88	5	3,155	0	8.3	7.5	1	82	93	4	5,858	0	-7.3	11.6	1	44	26	2	9,642	0	-33.9	11.0	0	62	294	7
		12,357	0	-54.9		1	79	279	13	14,142	0	-67.4		1	85	282	12	16,518	0	-76.5		1	46	320	4	20,632	1	-62.8		4	99	88	12	23,828	4	-56.0		6	99	84	16
JULY 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
DAVIS	1	975		-25.8	5.1					1,012	0	-25.0	4.9	7	46	46	3	2,419	0	-27.6	9.1	3	38	242	4	4,771	0	-41.4	12.7	2	56	247	8	8,087	0	-60.9		8	73	270	11
		10,552	0	-68.2		9	79	273	13	12,269	0	-70.6			91	261	19	14,655	2	-75.1			95	261	25	18,596	3	-80.5						21,510	16	-81.3					
CASEY	1	970		-16.5	1.4					1,008	0	-16.1	3.7	5	41	345	3	2,450	0	-23.5	4.6	1	47	313	5	4,830	0	-39.8	5.9	0	64	297	9	8,145	0	-61.5		1	79	285	15
		10,618	0	-66.2		2	92	279	19	12,353	0	-68.4		4	95	276	21	14,754	1	-73.4		6	97	278	28	18,448	5	-78.7		8	97	278	39								
EUROPE																																									
GREECE																																									
ATHENS/HELLINIKON	2	1,013		30.0	14.0					1,531	0	16.1	13.6	0	80	360	6	3,145	0	7.3		0	83	340	8	5,828	0	-9.0		1		320	7	9,570	0	-34.7		0	91	280	16
		12,315	0	-48.9		0	89	260	21	14,163	0	-58.1		0	90	260	19	16,610	0	-65.6		0	96	230	11	20,923	2	-57.5		2		110	8	24,194	12	-51.2		12	89	100	9
AUGUST 1985																																									
EUROPE																																									
GREECE																																									
ATHENS/HELLINIKON	2	1,011		30.9	14.4					1,514	0	17.4	17.9	0	85	356	6	3,138	0	8.8		0	67	329	4	5,830	0	-8.1		1	58	285	6	9,588	0	-34.0		0	74	259	13
		12,325	0	-50.0		1	88	258	19	14,161	0	-59.6		0	89	249	17	16,646	0	-66.0		0	90	233	9	20,908	2	-58.3		3	99	115	7	24,171	2	-51.7		2	99	99	9
SEPTEMBER 1985																																									
EUROPE																																									
GREECE																																									
ATHENS/HELLINIKON	2	1,016		27.6	13.8					1,524	0	13.4	12.0	0	82	80	9	3,146	0	5.5	15.9	0	70	50	7	5,788	1	-10.6		1	30	342	3	9,570	0	-39.5		0	18	319	3
		12,189	0	-54.0		0	68	215	17	14,010	0	-59.7		0	88	243	23	16,511	0	-63.8		1	99	228	14	20,796	2	-57.8		2	43	232	3	24,102	7	-51.2		7	38	237	3
OCTOBER 1985																																									
EUROPE																																									
GREECE																																									
ATHENS/HELLINIKON	2	1,020		20.5	10.8					1,540	0	7.3	6.9	1	79	30	6	3,140	0	-3.3	9.5	1	57	330	4	5,720	0	-17.9	13.5	1	43	292	5	9,332	0	-45.2	10.7	0	47	280	8
		11,951	0	-55.8		0	78	268	17	13,761	0	-59.8		0	92	261	17	16,290	0	-58.7		0	93	260	14	20,606	1	-61.3		1	0	260	0	23,826	8	-54.5		9	0	276	12
NOVEMBER 1985																																									
EUROPE																																									
ITALY																																									
UDINE/CAMPOFORMIDO	3	1,002		7.5	6.3					1,430		0.1	4.3		5	159	1	2,965		-7.1	7.9		67	245	13	5,514		-22.7	10.8		76	257	26	9,067		-48.0			81	261	45
		11,684		-55.0			85	268	44	13,520		-56.1			90	266	39	16,252		-58.3			92	261	31	20,438	2	-59.2		2	93	265	22	23,645	2	-58.8		2	94	270	24
MILANO/LINATE	3	1,002		6.6	3.7					1,433		-0.1	3.7		18	134	2	2,968		-6.9	8.5		54	240	10	5,520		-22.5	10.2		77	267	26	9,073		-48.0			78	266	41
		11,688		-55.5			88	272	43	13,518		-57.0			92	273	41	16,076		-58.7			92	268	32	20,411	3	-59.3		3	88	271	24	23,642	8	-58.4		8	95	272	30
ROMA/FIUMICINO	3	1,013		13.2	3.8					1,450		5.2	5.2		69	231	11	3,010		-2.9	10.7		79	255	20	5,595		-19.4	12.4		83	259	30	9,190		-46.0			82	265	46
		11,810		-55.6			85	272	48	13,629		-58.2			88	273	39	16,165		-60.3			92	267	29	20,498	1	-59.6		1	95	270	20	23,713	1	-56.8		1	97	268	27
BRINDISI	3	1,013		15.0	5.0					1,463		7.1	6.9		63	246	11	3,031		-1.8	9.8		77	252	20	5,626		-18.3	10.8		79	257	31	9,235		-45.7			78	260	42
		11,842		-58.4			86	266	50	13,649		-59.1			88	269	42	16,174		-60.9			93	268	29	20,505	3	-59.4		3	94	270	20	23,731	5	-56.8		5	97	269	24
CAGLIARI/ELMAS	3	1,013		14.3	3.0					1,467		7.4	8.2		79	275	17	3,038		-1.3	10.3		87	269	24	5,638		-17.6	11.6		86	267	33	9,261		-44.6			84	272	47
		11,883		-57.9			88	275	54	13,688		-59.9			88	272	44	16,206		-61.9			92	272	30	20,517	1	-59.5		1	93	271	17	23,741	1	-55.4		1	97	269	26
TRAPANI/BIRGI	3	1,013		17.1	3.4					1,480		8.6	10.7		76	259	15	3,054		-0.8	13.6		81	265	22	5,654		-18.8	14.6		84	270	32	9,271		-44.8			83	270	48
		11,881	1	-58.7		2	88	275	49	13,695	1	-60.9		3	74	269	40	16,193	1	-63.0		5	94	270	29	20,474	5	-60.2		9	91	273	17	23,712	8	-54.9		16	96	271	27
GREECE																																									
ATHENS/HELLINIKON	2	1,015		18.8	6.8					1,499	0	8.6	8.4	0	62	253	13	3,079	0	-0.2	8.6	0	73	254	22	5,685	0	-17.6	8.2	1	77	258	30	9,309	0	-44.8	10.6	1	73	271	45
		11,906	0	-60.7		1	84	271	52	13,694	0	-62.0		1	89	273	47	16,192	0	-63.1		1	92	269	35	20,481	4	-60.1		5	95	268	20	23,700	10	-60.5		9	96	265	32

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
NOVEMBER 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AFRICA																																									
SOUTH AFRICA																																									
UPINGTON	1	918		22.7	17.9					1,513	0	21.9	18.1	0	22	45	2	3,160	0	9.5	15.5	0	41	263	3	5,851	0	-9.6	12.9	0	56	289	6	9,592	0	-36.5	10.6	0	77	267	12
		12,281	0	-55.1		0	79	266	13	14,086	0	-62.7		0	80	266	12	16,527	0	-71.0		2	60	287	4	20,653	5	-64.8		5	86	93	6	23,845	5	-55.8		7	91	97	12
PRETORIA/IRENE		851		-15.2	5.0					1,530				0	64	87	1	3,165	0	8.6	10.1	0	15	249	1	5,854	0	-9.2	15.5	0	46	227	4	9,601	0	-36.4	13.5	0	50	244	6
		12,289	0	-55.6		0	53	261	7	14,084	0	-63.5		0	57	248	8	16,516	0	-72.1		0	43	216	3	20,630	0	-64.7		0	93	110	8	23,813	0	-56.6		0	96	95	10
BLOEMFONTEIN/J.B.M. HERTZOG	1	867		16.2	6.5					1,523	0	17.4	9.3	0	58	45	3	3,160	0	8.6	10.0	0	55	266	4	5,848	0	-10.0	11.6	0	64	249	6	9,586	0	-36.6	12.0	0	59	257	10
		12,273	0	-55.0		0	71	256	13	14,077	0	-62.0		0	77	250	12	16,528	0	-70.3		1	53	261	4	20,665	2	-64.5		4	94	108	7	23,858	6	-66.2		8	96	89	10
ALEXANDER BAY		1,012		15.8	1.6					1,511	1	19.9	25.4	1	48	162	3	3,155	1	10.0	21.1	1	38	296	3	5,851	1	-9.3	16.6	1	64	282	7	9,595	1	-36.5	15.8	1	68	273	12
		12,281	0	-55.6		1	78	271	13	14,083	2	-62.3		3	5	273	12	16,530	3	-71.1		4	67	307	6	20,679	8	-63.1		8	78	95	4								
CAPE TOWN/D.B.MALAN		1,010		16.8	2.8					1,517	0	16.6	13.9	0	14	47	1	3,142	0	7.0	19.9	0	57	293	5	5,814	0	-11.0	16.7	0	76	288	12	9,530	0	-38.2	13.6	0	85	280	21
		12,205	0	-55.5		0	89	283	27	14,015	0	-60.7		0	93	283	24	16,492	0	-67.4		1	93	296	13	20,683	2	-62.3		2	49	63	2	23,874	5	-56.8		6	81	102	8
PORT ELIZABETH		1,009		17.3	1.4					1,527	0	13.8	7.9	0	40	89	2	3,144	0	6.1	11.9	0	41	304	3	5,812	0	-10.9	13.8	0	73	261	9	9,530	0	-38.0	11.1	0	74	270	14
		12,204	0	-55.7		0	81	270	18	14,010	0	-61.1		0	85	267	16	16,484	1	-67.6		2	84	273	9	20,673	3	-63.2		3	26	123	1	23,861	6	-57.1		9	76	100	6
DURBAN/LOUIS BOTHA		1,014		21.5	2.5					1,531	0	15.1	5.8	0	19	307	1	3,155	0	7.1	11.7	0	37	239	2	5,834	0	-9.8	17.2	0	55	241	6	9,565	0	-37.2	11.3	0	70	247	10
		12,252	0	-55.7		0	66	259	13	14,055	0	-61.6		0	74	244	13	16,513	0	-69.8		0	62	242	6	20,661	1	-64.1		1	91	117	6	23,850	4	-56.7		4	97	96	10
GOUGH ISLAND		1,007		9.9	2.5					1,440	0	2.3	5.7	0	86	293	12	2,990	0	-4.6	12.0	0	93	288	14	5,565	0	-19.4	14.8	0	91	290	21	9,172	0	-43.9	11.9	0	90	289	31
		11,814	0	-55.2		0	92	284	34	13,639	0	-57.2		0	94	288	31	16,194	2	-59.7		2	97	289	26	20,533	7	-57.8		7	97	294	19								
MARION ISLAND		1,016		5.6	1.9					1,472	0	2.5	18.5	0	76	270	10	3,024	0	-3.9	18.7	0	86	258	15	5,604	0	-18.8	17.7	0	89	263	23	9,216	0	-54.2	15.9	0	86	264	34
		11,840	0	-58.7		0	89	262	30	13,644	1	-58.8		1	92	262	33	16,183	1	-59.7		1	94	265	30	20,528	2	-57.5		2	94	267	23	23,766	10	-56.0		9	16		
AUSTRALASIA																																									
SOUTH PACIFIC																																									
NOUMEA/NOUVELLE-CALEDONIE		1,004		25.0	7.0					1,498	0	12.9	4.3	0	38	33	3	3,118	0	8.7	20.3	0	71	286	5	5,820	1	-7.2	17.1	1	87	275	11	9,602	1	-33.7	13.6	2	87	271	23
		12,328	1	-52.9		2	94	273	37	14,126	1	-65.8		2	96	271	36	16,520	1	-75.2		2	96	261	17	20,610	6	-64.3		13	90	94	7	23,791	27	-55.9		27		83	11
DECEMBER 1985																																									
EUROPE																																									
YUGOSLAVIA																																									
ZAGREB/MAKSIMIR	1	1,004		3.9	1.9					1,491	0	3.4	7.0	0	62	264	6	3,045	0	-4.5	10.3	0	67	289	8	5,614	0	-21.2	10.6	0	61	295	11	9,173	0	-48.8		0	58	301	14
		11,739	2	-61.6		2	72	303	16	13,518	2	-61.1		2	84	296	17	16,043	2	-60.8		2	91	286	16	20,368	3	-59.2		3	91	289	15	23,588	11	-57.9		9	89	284	18
BEOGRAD/ZELENO BRDO	3	991		7.3	5.7					1,499	0	2.5	6.7	0	60	306	5	3,046	0	-5.5	8.7	0	65	312	8	5,611	0	-21.5	10.6	0	63	313	11	9,169	0	-48.9		0	56	321	14
		11,738	0	-61.2		0	66	313	14	13,529	0	-59.8		0	80	300	16	16,060	0	-59.9		0	87	297	16	20,407	3	-57.9		3	91	294	15	23,632	7	-57.5		7	90	298	18
GREECE																																									
ATHENS/HELLINIKON	2	1,019		15.3	5.8					1,516	0	4.4	5.2	0	40	324	4	3,079	0	-3.4	7.8	0	60	303	8	5,649	0	-20.4	8.0	0	67	296	11	9,220		-47.9	7.9	0	70	299	16
		11,821	0	-58.2		0	74	278	22	13,628	0	-59.4		0	79	268	22	16,153	1	-61.1		1	90	274	38	20,447	14	-58.3		14	81	293	9	23,678	17	-53.9		17	60	292	9
AFRICA																																									
SOUTH AFRICA																																									
UPINGTON	1	916		21.2	11.0					1,490	0	19.9	13.3	0	16	200	1	3,133	0	8.8	10.0	0	34	288	7	5,823	0	-9.0	15.9	0	70	282	11	9,568	0	-36.8	11.8	0	75	285	17
		12,253	0	-56.0		0	87	288	28	14,047	0	-63.7		0	93	280	26	16,481	1	-71.3		1	89	274	12	20,600	4	-65.4		4	61	108	4	23,778	6	-55.8		8	81	89	7
PRETORIA/IRENE	1	849		15.5	3.9					1,510				0	67	93	1	3,147	0	8.8	5.8	0	46	282	2	5,839	0	-8.8	10.8	0	76	267	7	9,607	0	-34.5	12.3	0	91	278	15
		12,314	0	-55.3		0	93	283	27	14,095	0	-67.3		0	95	280	27	16,488	0	-74.4		0	87	274	12	20,576	2	-65.3		3	84	111	6	23,751	4	-56.9		4	97	95	10
BLOEMFONTEIN/J.B.M. HERTZOG	1	865		15.8	4.9					1,501	0	16.5	6.6	0	42	39	1	3,137	0	8.2	8.2	0	75	290	6	5,822	0	-9.6	12.3	0	80	273	24	9,564	0	-36.3	11.7	0	90	282	19
		12,254	0	-55.9		0	93	285	29	14,041	0	-65.2		0	95	282	29	16,473	0	-71.2		1	95	270	14	20,611	6	-64.4		7	70	112	4	23,793	7	-56.3		0	94	88	9
ALEXANDER BAY	1	1,011		17.4	1.8					1,496	1	15.8	14.5	1	72	175	4	3,126	1	8.8	18.5	1	73	287	5	5,819	1	-8.9	17.2	1	74	282	8	9,558	1	-37.1	13.5	1	64	277	12
		12,243	1	-55.1		1	83	284	20	14,047	1	-62.5		1	90	281	19	16,490	1	-70.9		2	90	278	12	20,617	4	-64.5		4	81	132	5	23,804	5	-55.7		7	94	92	9
CAPE TOWN/D.B.MALAN	1	1,008		17.0	3.3					1,492	0	12.9	12.7	0	15	239	1	3,100	0	4.9	16.4	0	61	267	6	5,762	0	-11.7	13.8	0	81	275	13	9,465	0	-38.9	10.8	0	80	270	16
		12,129	0	-56.9		0	86	272	24	13,931	0	-61.3		0	95	273	23	16,414	0	-66.7		1	94	271	18	20,607	2	-62.8		2	34	202	2	23,799	5	-55.5		6	61	98	4
PORT ELIZABETH	1	1,006		17.8	2.6					1,496	0	11.7	4.3	0	29	280	2	3,102	0	4.9	13.8	0	69	272	7	5,763	0	-11.5	12.0	0	84	280	13	9,469	0	-39.1	8.3	0	87	286	20
		12,130	0	-57.4		0	92	287	26	13,926	0	-4.6		0	96	281	24	16,401	1	-67.1		2	95	274	15	20,600	6	-62.1		6	27	249	1	23,806	8	-54.9		9	63	110	3
DURBAN/LOUIS BOTHA	1	1,012		22.2	2.9					1,506	0	14.5	3.1	0	26	12	3	3,127	0	6.8	7.2	0	70	291	4	5,808	0	-9.7	12.1	0	78	269	10	9,549	0	-36.4	10.3	0	89	280	20
		12,234	0	-56.4		0	91	284	29	14,020	0	-65.3		0	93	279	28	16,453	1	-70.6		1	89	272	14	20,592	6	-63.7		8	66	97	4								
GOUGH ISLAND	1	1,010		12.0	2.3					1,486	1	6.4	8.7	2	83	275	8	3,063	1	0.4	14.0	2	92	280	15	5,687	1	-14.8	14.3	2	92	277	21	9,354	1	-40.8	12.0	2	90	273	29
		12,012	0	-56.2		2	91	273	35	13,821	1	-59.3		2	92	275	29	16,341	1	-62.1		2	95	277	20	20,639	6	-59.1		6	85	268	6								
MARION ISLAND	1	1,004		6.6	2.4					1,380	0	0.3	7.2	0	76	284	12	2,924	0	-3.9	21.4	0	80	274	16	5,501	0	-19.7	14.5	0	85	269	24	9,102	0	-45.1	15.2	0	79	270	30
		11,726	0	-55.3		0	85	273	30	13,554	0	-56.4		0	88	272	28	16,111	0	-58.5		1	90	266	23	20,474	2	-55.6		3	85	263	10	23,755	7	-51.9		9	42	239	4
ASIA																																									
SYRIAN ARAB REPUBLIC																																									
ALEPPO	2	970		11.2	8.1					1,511	0	3.7	7.8	0	21	281	1	3,064	0	-4.4	12.1	0	60	272	5	5,633	0	-20.8	11.6	0	81	277	13	9,202	0	-47.2	11.4	0	88	280	26
		11,815	0	-56.5	14.8	0	91	228	31	13,639	1	-51.9		1	96	280	29	16,175	1	-60.8		1	91	277	20	20,487	5	-58.3		6	93	276	10	23,738	8	-52.7		8	78	274	11

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
DECEMBER 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AUSTRALASIA																																									
SOUTH PACIFIC																																									
NOUMEA/NOUVELLE-CALEDONIE		1,003		26.8	6.6					1,495	0	15.1	7.9	0	16	131	6	3,121	0	8.9	19.7	0	44	252	3	5,827	0	-6.6	19.3	0	72	265	9	9,622	0	-32.4	15.5	2	86	267	21
		12,359	0	-52.1		2	88	262	26	14,172	0	-63.6		2	88	264	25	16,573	0	-76.2		2	87	263	15	20,614	4	-65.8		13	93	85	9	23,822	28	-55.9		29		76	12
JANUARY 1986																																									
SOUTH AMERICA																																									
PERU																																									
LIMA-CALLAO/INTL AP/	1	1,009		23.2	4.7					1,493	13	16.6	4.4	13	17	340	**	3,130	13	10.0	9.5	13	22	323	1	5,854	13	-5.1	4.3	13	31	30	1	9,683	13	-31.0	9.4	13	79	57	5
		12,415	13	-55.0		13	96	46	10	14,194	13	-68.5		13	82	49	8	16,531	16	-81.9																					
CHILE																																									
ANTOFAGASTA	2	1,000		17.6	2.4					1,497	1	16.0	13.1	1	65	60	2	3,138	1	11.0	16.3	1	6	53	**	5,876	2	-3.8	19.3	3	52	171	3	9,699	3	-31.3	14.0	3	62	246	5
		12,438	3	-53.3		3	69	278	8	14,224	7	-66.8		7	69	287	8	16,605	9	-77.4		9	45	272	3	20,644	9	-65.6		9	94	97	10	23,830	9	-56.3		9	99	82	15
ARGENTINA-NORTHERN																																									
SALTA AERO	2	877		17.8	1.4					1,487	1	18.5	2.7	3	37	127	**	3,141	1	12.4	5.8	2	27	11	1	5,888	1	-3.8	12.1	2	52	203	3	9,694	1	-30.7	15.9	2	78	231	11
		12,454	1	-52.7		2	72	251	12	14,254	1	-65.7		2	68	258	11	16,651	3	-75.8		3	48	207	4	20,727	7	-64.2		8	72	90	10	23,912	18	-54.7		19	89	100	12
MENDOZA AERO	2	931		20.7	9.3					1,496	5	17.6	8.8	5	65	163	3	3,129	4	8.2	7.6	5	56	349	3	5,821	4	-7.8	21.9	5	87	272	11	9,582	4	-34.7	18.3	5	91	257	21
		12,301	6	-52.1		9	95	255	33	14,122	6	-61.7		11	96	260	30	16,571	8	-71.3		14	95	258	21	20,709	14	-62.0		20	52	253	8								
CORDOBA AERO	2	956		20.2	3.5					1,492	2	18.8	8.5	2	35	8	3	3,133	2	10.2	13.0	2	45	294	4	5,841	2	-7.5	19.7	3	82	266	9	9,612	2	-33.7	19.2	3	93	263	23
		12,348	3	-52.9		5	84	264	26	14,159	3	-62.9		7	83	267	21	16,590	3	-72.4		7	91	262	15	20,738	5	-61.6		8	59	71	4	23,994	8	-52.2		17	98	86	10
RESISTENCIA AERO	2	1,003		26.0	6.7					1,505	1	21.0	11.7	1	30	355	2	3,153	1	10.7	13.3	1	19	269	1	5,872	1	-5.3	20.1	1	29	239	2	9,666	1	-30.9	21.2	2	81	232	16
		12,444	1	-50.3		2	76	242	19	14,269	1	-62.9		2	82	246	21	16,696	1	-73.7		3	75	233	12	20,803	1	-62.8		3	85	62	9	23,894	13	-53.2		16	96	71	14
ARGENTINA-SOUTHERN																																									
SANTA ROSA AERO	2	989		17.6	4.2					1,486	0	16.5	14.7	13	20	222	2	3,104	0	5.8	14.6	13	34	257	4	5,769	1	-11.2	21.8	14	88	273	19	9,483	2	-38.4	21.6	15	92	275	31
		12,160	3	-55.4		17	91	276	36	13,963	3	-62.1		24	93	266	40	16,423	3	-68.5						20,613	5	-60.9						23,848	6	-54.4					
NEUQUEN AERO	2	980		17.7	10.4					1,481	1	13.5	16.7	1	59	238	6	3,085	3	3.3	16.8	2	77	278	10	5,730	1	-13.0	17.3	2	86	272	16	9,420	3	-40.4	12.8	3	90	273	27
		12,084	3	-56.2		3	94	271	33	13,896	4	-58.7		5	94	273	33	16,406	6	-65.4		6	94	269	23	20,667	12	-57.8		12	33	242	1	23,954	20	-50.4		20	92	97	6
EZEIZA AERO	2	1,009		21.8	4.7					1,493	1	15.9	11.6	1	24	246	2	3,115	1	6.7	16.7	1	47	266	4	5,794	1	-9.7	18.8	1	81	259	12	9,541	1	-35.5	17.0	2	90	266	24
		12,249	1	-53.7		1	90	268	31	14,057	2	-61.5		3	92	262	31	16,526	5	-68.2		6	95	259	19	20,709	8	-60.6		9	34	83	2	23,974	3	-51.6		14	98	88	9
COMODORO RIVADAVIA AERO	2	1,001		16.5	13.2					1,417	3	8.0	12.9	1	88	248	12	2,989	1	-2.1	14.8	1	89	256	12	5,583	1	-17.9	12.5	1	83	265	18	9,207	1	-43.8	12.6	2	82	273	27
		11,848	2	-55.3		2	86	270	27	13,681	5	-56.0		6	94	268	24	16,242	5	-57.8		6	94	272	18	20,652	5	-52.7		5	20	262	1	23,984	8	-47.9		8	90	85	6
EUROPE																																									
FEDERAL REP OF GERMANY																																									
SCHLESWIG	3	998		-0.9	1.6					1,319	0	-5.8	5.3	0	46	278	7	2,818	0	-14.2	6.8	0	60	283	9	5,290	0	-30.7	7.3	0	67	289	13	9,835	0	-52.7	6.3	0	72	294	20
		11,320	0	-55.8	7.3	0	76	294	18	13,155	0	-55.5		0	80	289	18	15,728	0	-57.4		0	80	282	18	20,091	0	-59.7		0	84	273	25	23,328	1	-59.7		2	85	271	32
HANNOVER	3	1,000		0.9	1.9					1,340	0	-5.3	4.1	0	63	274	10	2,843	0	-13.6	6.8	0	68	280	11	5,324	0	-29.5	8.2	0	72	289	16	8,782	0	-52.6	6.4	0	71	292	21
		11,365	0	-55.8	7.7	0	77	294	20	13,201	0	-55.2		0	80	289	18	15,780	0	-57.0		0	83	281	19	20,179	1	-57.7		0	84	272	23	23,441	2	-57.4		2	85	271	28
BERLIN/TEMPELHOF	2	1,001		0.2	2.8					1,344	0	-6.2	4.4	0	60	262	7	2,843	0	-13.4	9.9	0	67	272	10	5,329	0	-29.1	9.9	0	69	277	13	8,784	0	-52.7	12.4	0	69	284	17
		11,375	0	-54.6	17.8	0	77	288	17	13,221	0	-54.3		0	79	284	17	15,811	0	-55.9		0	82	279	18	20,202	1	-56.9		1	87	272	22	23,432	1	-57.2		1	87	270	28
ESSEN	3	990		1.8	2.0					1,367	0	-4.2	3.5	0	72	269	11	2,874	0	-12.6	6.3	0	71	279	11	5,367	0	-28.5	6.6	0	70	288	15	8,836	0	-52.3	6.2	0	69	295	22
		11,453	0	-56.0	7.6	0	76	297	20	13,289	0	-55.0		0	81	289	18	15,871	0	-56.6		0	84	281	17	20,267	0	-56.7		1	86	272	19	23,530	0	-56.3		4	80	268	19
MUNCHEN/OBERSCHLEISSHEIM	3	953		-0.1	2.8					1,398	0	-3.4	4.5	8	90	272	15	2,908	0	-12.2	5.5	8	88	282	17	5,404	0	-28.2	6.5	8	80	297	18	8,878	0	-52.0	5.6	8	81	306	28
		11,464	0	-55.4	7.1	8	83	302	25	13,305	0	-54.2		8	92	293	23	15,890	0	-56.3		8	93	290	21	20,298	0	-55.8		9	94	276	20	23,551	0	-55.8		10	91	274	23
GERMAN DEMOCRATIC REP																																									
GREIFSWALD	1	1,004		-0.2	2.0					1,321	0	-6.4	3.3	0	61	273	8	2,817	0	-14.5	4.6	0	63	277	9	5,283	0	-31.5	5.7	0	65	279	12	8,720	0	-53.4	5.3	0	72	288	18
		11,302	0	-56.0	6.0	0	76	289	18	13,136	0	-55.6	6.5	0	77	285	17	15,713	1	-57.7	7.1	0	81	279	18	20,080	3	-58.8		1	86	274	25	23,265	4	-59.8		1	86	273	33
LINDENBERG	1	993		-0.7	2.0					1,344	0	-6.1	3.8	0	64	268	9	2,842	0	-14.2	6.1	0	66	275	10	5,318	0	-30.3	6.3	0	71	280	14	8,769	0	-53.3	5.4	0	74	287	20
		11,350	1	-55.6	6.4	0	78	291	19	13,150	2	-54.4	7.3	0	80	284	17	15,770	6	-57.0	7.7	0	84	279	19	20,143	7	-58.7		1	87	274	24	23,401	11	-58.1		1	90	272	31
MEININGEN	1	955		-1.5	2.5					1,368	0	-5.7	3.5	0	67	260	9	2,870	0	-13.3	6.3	0	74	279	12	5,352	0	-29.6	5.2	0	75	285	16	8,799	1	-54.0	4.5	1	65	291	18
		11,369	1	-56.1	5.4	1	80	294	20	13,202	1	-55.7	6.3	1	84	288	18	15,761	2	-57.8	7.1	1	86	282	17	20,157	8	-57.3		3	93	269	21	23,397	14	-57.7		8	88	269	24
AUSTRIA																																									
WIEN/HOHE-WARTE	3	988		1.2	4.6					1,400	0	-4.4	5.4	0	65	284	18	2,904	0	-13.0	6.7	0	78	291	22	5,390	0	-29.1	7.6	0	73	284	26	8,843	0	-53.3		0	68	291	33
		11,420	0	-55.8		0	78	288	36	13,257	0	-54.9		0	81	281	34	15,843	0	-56.0		0	84	277	33	20,257	5	-56.3		5	82	273	29	23,521	9	-55.3		9	85	289	32
ITALY																																									
UDINE/CAMPOFORMIDO	3	1,002		3.9	5.9					1,410	0	-2.5	7.5	0	37	258	5	2,926	0	-11.2	7.7	0	57	272	13	5,431	0	-26.2	10.0	0	64	287	21	8,922	0	-51.1		0	65	293	33
		11,517	0	-55.7		0	78	283	39	13,361	0	-53.4		0	80	281	35	15,960	0	-55.8		0	85	275	33	20,380	0	-55.2		0	85	271	32	23,674	0	-54.1		0	83	269	34
MILANO/LINATE	3	1,001		3.1	5.5					1,419	0	-1.5	8.8	0	32	350	5	2,940	0	-10.3	9.0	0	44	305	11	5,452	0	-26.5	9.5	0	57	301	23	8,956	0	-50.6		0	60	295	36
		11,551	0	-56.2		0	66	298	40	13,384	0	-55.3		0	79	294	46	15,973	0	-55.1		0	83	287	39	20,426	5	-54.6		5	89	281	32	23,717	10	-52.8		10	75	275	32
ROMA/FIUMICINO	*3*	*1,013*		*8.9*	*4.6*					*1,431*	*0*	*0.5*	*7.9*	*0*	*45*	*266*	*7*	*2,962*	*0*	*-8.2*	*11.0*	*0*	*61*	*285*	*15*	*5,494*	*0*	*-24.8*	*11.3*	*0*	*63*	*285*	*23*	*9,021*	*0*	*-48.8*		*0*	*70*	*295*	*40*
		11,625	0	-55.6		0	79	289	41	13,463	0	-54.9		0	87	281	38	16,048	0	-56.7		0	93	274	34	20,447	0	-56.3		0	86	273	23	23,725	0	-53.6		0	67	269	21
BRINDISI	3	1,013		10.4	4.6					1,434	0	0.7	5.4	0	50	262	9	2,965	0	-8.2	9.7	0	65	268	15	5,499	0	-24.6	11.4	0	77	273	27	9,030	0	-48.9		0	72	280	40
		11,636	0	-55.5		0	85	278	47	13,478	0	-54.1		0	95	272	43	16,061	0	-56.7		0	95	270	36	20,459	1	-55.4		1	87	268	23	23,732	1	-52.9		1	74	281	21
CAGLIARI/ELMAS	3	1,015		9.4	3.2					1,446	4	0.9	5.3	4	76	293	20	2,983	4	-6.6	11.0	4	76	286	23	5,532	4	-23.2	11.9	4	75	283	30	9,081	4	-48.7		4	70	287	39
		11,692	4	-56.2		4	79	285	43	13,522	4	-55.4		4	91	276	41	16,091	4	-57.9		4	93	275	34	20,460	4	-57.1		4	75	277	16	23,714	4	-53.8		5	39	269	12

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
JANUARY 1986		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
EUROPE																																									
ITALY																																									
TRAPANI/BIRGI	3	1,015		12.1	5.1					1,470	1	1.5	6.7	1	71	288	17	3,007	1	-6.7	11.2	1	76	291	21	5,560	1	-22.4	13.0	1	77	291	31	9,112	1	-48.2		1	72	289	40
		11,720	1	-56.2		2	82	286	42	13,549	2	-56.5		4	25	274	13	16,129	2	-58.7		10	97	281	34	20,492	9	-57.3		18	80	298	18	23,752	11	-54.6		25	43	287	19
YUGOSLAVIA																																									
ZAGREB/MAKSIMIR	1	998		0.5	2.5					1,410	2	-3.0	5.1	2	57	267	6	2,926	2	-10.8	6.1	2	64	287	9	5,432	2	-27.6	8.5	2	71	282	13	8,916	2	-51.6		2	75	284	21
		11,499	2	-56.1		2	84	286	23	13,330	2	-55.2		2	85	281	21	15,906	3	-57.4		3	90	279	19	20,332	9	-55.3		9	91	273	17								
BEOGRAD/ZELENO BRDO	3	985		2.3	4.4					1,420	0	-3.0	5.2	0	60	279	6	2,936	0	-11.3	5.4	0	71	279	9	5,436	0	-28.2	7.7	0	76	274	14	8,912	0	-51.3		0	75	282	20
		11,507	0	-54.7		0	83	282	21	13,353	0	-54.1		0	88	275	19	15,943	0	-55.8		0	92	274	18	20,373	0	-55.0		0	88	272	16	23,630	0	-54.8		0	85	265	16
ROMANIA																																									
CLUJ-NAPOCA	1	962		-1.7	2.1					1,394	0	-4.3	2.6	0	90	265	8	2,899	0	-12.2	4.4	0	80	265	11	5,389	0	-28.1	4.6	0	80	270	13	8,864	0	-51.9	4.1	0	80	270	16
		11,448	0	-55.0	4.0	0	80	275	17	13,288	0	-54.9	4.7	0	70	275	16	15,874	0	-55.6	4.8	0	80	270	17	20,330	8	-55.3		8	80	270	18								
BUCURESTI/IMH	1	1,002		0.0	10.6					1,417	0	-2.1	4.3	0	60	250	7	2,330	0	-10.6	6.0	0	80	265	10	5,444	0	-27.1	6.7	0	75	255	13	8,931	0	-50.8	5.4	0	80	255	19
		11,535	0	-55.2	5.1	0	90	175	23	13,379	0	-54.2	5.4	0	90	340	22	15,967	0	-54.8	6.7	0	85	255	19																
CONSTANTA	1	1,012		2.6	1.8					1,413	0	-2.6	3.9	0	60	265	4	2,930	0	-11.0	4.2	0	60	265	6	5,430	0	-27.1	4.8	0	70	260	10	8,915	0	-52.2	3.8	0	70	255	15
		11,500	0	-55.8	3.6	0	80	260	16	13,331	0	-54.9	4.2	0	80	265	16	15,912	0	-55.7	5.1	0	80	265	16	20,348	12	-55.2		12	90	260	17	23,619	15	-54.2		15	90	260	17
AFRICA																																									
CENTRAL AFRICAN REP																																									
BANGUI		968		25.8	17.5					1,511	1	21.3	5.6	9	41	360	4	3,157	1	10.1	23.6					5,865	1	-5.6	24.9					9,682	2	-31.9	47.5				
		12,413	1	-53.8						14,304	2	-68.7						16,563	3	-73.0																					
SEYCHELLES																																									
SEYCHELLES INTERNATIONAL AP	2	1,009		27.7	3.7					1,499	2	17.6	6.6	1	86	270	6	3,137	2	9.9	10.1	1	83	264	7	5,849	2	-5.6	13.2	1	17	187	1	9,658	2	-31.6	11.5	1	73	112	6
		12,395	2	-53.2		4	66	107	8	14,185	2	-66.8		7	19	90	2	16,550	3	-79.7		10	8	192	1	20,565	4	-67.2		19	83	287	7	23,703	4	-60.6		25	89	262	6
SOUTH AFRICA																																									
UPINGTON	1	917		25.1	17.3					1,507	0	23.2	17.3	0	11	25	1	3,165	0	11.2	12.4	0	82	281	5	5,870	0	-8.1	13.2	0	80	273	8	9,643	0	-33.6	16.1	0	92	270	17
		12,361	0	-53.9		0	93	276	23	14,157	0	-65.6		0	94	278	23	16,551	0	-76.1		0	84	266	12	20,631	2	-64.6		2	89	113	8	23,811	2	-56.7		6	93	86	14
PRETORIA/IRENE	1	850		17.0	3.4					1,525				0	46	131	1	3,169	0	10.2	8.3	0	27	230	1	5,876	0	-6.9	13.9	0	61	230	4	9,674	0	-32.6	16.3	0	77	265	9
		12,397	0	-54.1		0	78	269	15	14,189	0	-66.0		0	79	275	14	16,573	0	-76.8		0	74	285	7	20,639	2	-65.9		3	97	107	9	23,804	7	-58.0		9	99	93	14
BLOEMFONTEIN/J.B.M. HERTZOG	1	866		17.7	7.3					1,515	1	18.3	8.2	1	54	37	2	3,162	1	10.0	8.8	1	57	278	3	5,860	1	-8.8	11.3	1	82	254	9	9,630	1	-34.0	14.1	1	90	268	18
		12,345	1	-54.1		1	93	270	25	14,140	1	-65.5		1	92	273	25	16,542	1	-74.9		2	87	271	13	20,632	3	-64.4		4	94	101	7	23,818	6	-55.8		8	61	41	16
ALEXANDER BAY	1	1,012		17.4	2.1					1,510	1	19.7	23.3	1	69	173	4	3,160	1	11.6	19.5	1	81	295	7	5,871	1	-7.4	19.1	1	90	289	9	9,646	1	-34.1	15.9	1	91	281	18
		12,359	1	-54.2		1	90	282	24	14,154	1	-65.7		2	94	286	21	16,548	4	-76.0		4	88	293	11	20,643	9	-63.9		9	96	116	8								
CAPE TOWN/D.B.MALAN	1	1,009		18.2	3.5					1,506	0	15.8	16.9	0	33	221	2	3,127	0	7.5	22.1	0	82	280	7	5,811	0	-9.5	20.3	0	95	280	16	9,546	0	-37.2	13.4	0	93	283	24
		12,231	0	-55.4		0	93	280	33	14,029	0	-63.3		0	95	282	31	16,472	0	-70.5		0	95	283	21	20,654	2	-61.9		2	76	109	4	23,871	3	-54.1		5	99	92	14
PORT ELIZABETH	1	1,008		19.8	2.2					1,517	0	13.4	5.9	0	9	163	1	3,134	0	6.8	16.5	0	81	270	7	5,816	0	-9.4	19.1	0	88	271	12	9,554	0	-36.8	11.7	0	89	272	18
		12,240	0	-55.7		0	92	273	24	14,035	0	-63.6		0	96	274	24	16,475	0	-70.8		0	91	278	16	20,652	2	-61.7		2	51	185	4	23,868	3	-54.1		5	98	93	8
DURBAN/LOUIS BOTHA	1	1,013		23.3	3.0					1,524	0	15.8	4.1	0	27	331	1	3,154	0	8.0	7.7	0	42	277	2	5,843	0	8.8	14.8	0	75	258	6	9,606	0	-34.5	12.2	0	87	276	16
		12,316	0	-54.4		0	90	272	25	14,112	0	-65.2		0	88	274	23	16,518	0	-74.2		0	84	278	11	20,621	2	-63.9		3	88	108	6	23,814	4	-55.6		6	98	95	14
GOUGH ISLAND	1	1,009		12.8	2.8					1,476	0	6.0	7.1	0	89	262	12	3,052	0	0.6	15.7	0	90	268	17	5,680	0	-13.9	16.5	0	91	269	24	9,353	0	-40.3	10.4	0	91	268	31
		12,003	0	-5.7		0	90	267	36	13,806	0	-60.3		0	91	268	30	16,323	0	-62.6		0	92	270	21	20,651	2	-56.5		3	79	259	5	23,941	10	-50.5		9	84	99	4
MARION ISLAND	1	1,004		7.4	2.1					1,386	0	2.3	9.5	0	83	276	15	2,937	0	-3.9	16.3	0	91	269	19	5,520	0	-18.5	17.6	0	87	273	25	9,138	0	-43.3	18.4	0	86	275	35
		11,783	0	-54.8		0	90	271	37	13,618	0	-55.3		0	92	272	30	16,190	0	-57.0		0	93	274	18	20,592	1	-53.2		2	71	276	5								
ASIA																																									
SYRIAN ARAB REPUBLIC																																									
DAMASCUS/NEW INTL AP	2	9,466		12.6	8.5					1,496	2	5.0	7.3	2	63	233	4	3,058	2	-2.1	15.4	2	74	258	8	5,648	2	-18.5	18.3	2	85	264	16	9,254	2	-44.5	15.1	2	92	269	33
		11,894	2	-54.9		2	97	269	46	13,720	2	-57.9		2	96	269	42	16,236	2	-63.8		2	98	271	29	20,508	3	-59.2		3	82	276	6	23,747	3	-53.5		3	63	263	5
ALEPPO	2	9,691		10.3	6.6					1,499	0	2.5	7.5	0	46	227	3	3,047	0	-5.4	11.2	0	67	251	7	5,615	0	-20.8	13.8	0	79	256	14	9,182	0	-47.4	11.2	0	87	270	26
		11,793	0	-55.9	15.5	0	95	272	35	13,625	0	-56.4		0	97	270	34	16,165	0	-61.3		0	98	267	25	20,495	0	-57.3		0	80	270	7	23,771	8	-52.9		8	38	274	4
OMAN																																									
SALALAH	2	1,012		26.1	15.7					1,513	1	12.7	13.1	2	68	18	5	3,139	1	9.1	17.0	2	60	304	5	5,845	1	-6.3	17.2	2	81	293	10	9,635	3	-33.8	13.4	4	86	268	18
		12,350	4	-54.2		4	91	269	22	14,143	6	-66.1		6	94	271	20	16,532	6	-77.3		6	85	265	12	20,563	7	-66.5		7	76	263	6	23,717	9	-59.7		9	57	92	4
AUSTRALASIA																																									
SOUTH PACIFIC																																									
NOUMEA/NOUVELLE-CALEDONIE		1,000		29.4	7.2					1,485	0	17.2	5.0	0	49	17	2	3,123	0	10.2	16.2	0	56	346	3	5,845	0	-5.2	15.2	0	72	309	6	9,667	0	-30.9	13.3	0	69	265	10
		12,419	0	-51.4		0	77	254	17	14,231	0	-64.3		0	76	257	15	16,620	0	-77.6		0	60	267	7	20,641	5	-67.9		15	95	89	11	23,835	28	-57.0		29		90	12

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
FEBRUARY 1986		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
ASIA																																									
JAPAN																																									
TATENO	2	1,011		0.7	6.3					1,412	0	-6.6	9.4	0	68	295	6	2,900	0	-16.0	9.9	0	85	275	12	5,374	0	-28.6	12.9	0	92	268	30	8,871	0	-48.1		0	96	264	50
		11,544	0	-48.2		0	98	261	59	13,419	0	-53.0		0	99	262	53	16,003	0	-56.9		0	99	264	36	20,391	2	-54.9		2	84	254	8	23,671	2	-53.0		4	22	211	2
OMAN																																									
SALALAH	2	1,010		26.4	10.5					1,504	1	14.0	6.7	1	39	2	3	3,218	1	6.9	12.2	1	67	319	7	5,817	1	-8.4	17.2	1	90	281	15	9,588	1	-34.0		1	65	277	9
		12,312	1	-53.9		3	92	268	27	14,104	1	-66.7		3	95	270	23	16,493	2	-76.8		4	79	270	12	20,532	4	-65.9		6	62	273	6	23,703	6	-56.6		9	34	137	3
MALAYSIA																																									
PENANG/BAYAN LEPAS	3	1,009		26.3	4.2					1,507	0	18.9	5.8	0	64	29	3	3,148	0	10.1	12.8	0	56	75	3	5,869	0	-5.2	15.5	0	87	85	5	9,691	0	-31.3	12.9	0	89	107	8
		12,431	0	-53.3		0	83	123	11	14,224		-66.9		0	70	121	11	16,593	0	-79.4		0	45	81	3	20,637	3	-66.3		4	95	263	12	23,789	8	-58.3		8	97	267	15
KOTA BHARU	3	1,011		24.3	2.8					1,507	0	17.1	5.8	0	65	61	4	3,139	0	9.4	13.6	0	51	64	3	5,855	0	-5.6	12.7	0	92	86	7	9,665	1	-32.4	11.9	1	87	106	7
		12,389	2	-54.7		2	89	128	12	14,165	6	-68.7		6	91	121	16	16,539	16	-79.5		16	24	75	2	20,588	27	-65.6		27		250	9	23,768	27	-59.4		27		260	15
KUALA LUMPUR/PETALING JAYA	3	1,005		25.1	3.0					1,505	0	16.5	2.9	0	64	11	3	3,137	0	8.0	7.5	0	35	17	2	5,843	0	-7.3	9.4	0	69	78	3	9,643	0	-33.1	11.4	0	93	106	9
		12,361	0	-55.4		0	89	117	13	14,135	0	-69.5		0	83	113	14	16,472	0	-82.2		0	40	86	3	20,525	5	-64.9		5	88	264	12	23,722	7	-57.9		9	90	266	15
KUANTAN	3	1,009		23.8	2.3					1,503	0	15.5	3.8	0	84	20	5	3,131	0	8.3	12.5	0	49	35	3	5,839	0	-6.8	12.7	0	81	83	5	9,646	0	-32.8	13.4	0	91	103	7
		12,364	0	-55.9		0	93	126	13	14,135	0	-69.8		0	83	116	15	16,471	0	-81.9		0	52	81	4	20,518	1	-65.6		1	96	270	13	23,677	2	-58.2		3	97	274	16
KUCHING	3	1,009		24.3	1.6					1,497	1	14.5	3.0	1	54	327	2	3,117	1	6.1	6.7	2	41	308	2	5,801	2	-9.3	4.6	5	46	87	2	9,576	2	-34.3	9.7	6	83	103	6
		12,287	2	-55.9		9	96	118	15	14,059	2	-69.7		15	93	105	21	16,412	4	-80.5		23	49	119	2	20,439	17	-66.7		26	99	283	17	23,584	24	-60.5		27	99	270	13
KOTA KINABALU	3	1,010		25.8	3.2					1,505	0	17.7	4.4	0	36	52	1	3,141	0	9.7	10.6	0	30	80	1	5,855	0	-5.9	10.6	0	77	83	6	9,659	0	-32.3	10.7	0	78	104	6
		12,393	0	-52.6		0	94	128	15	14,195	0	-65.4		0	96	122	18	16,573	0	-78.4		1	70	99	5	20,608	0	-65.9		7	95	270	12	23,779	5	-58.7		14	95	273	12
TAWAU	1	1,010		24.1	1.4					1,512	0	17.1	3.6	0	52	5	2	3,147	0	9.4	11.0	1	37	68	2	5,859	0	-5.9	8.9	1	85	76	6	9,666	0	-32.2	12.9	0	86	96	7
		12,398	0	-53.8		0	88	120	14	14,187	1	-67.7		1	95	114	20	16,553	2	-79.0		3	59	73	4	20,577	11	-64.2		18	94	256	11								

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
DECEMBER 1984																																									
AUSTRALASIA																																									
AUSTRALIA NORTHEASTERN WILLIS ISLAND	1	1,005		28.3	3.4					1,472	2	19.4	6.4	3	9	71	1	3,119	2	10.2	9.2	4	48	151	3	5,837	2	-5.0	12.1	3	28	265	2	9,665	2	-30.7		3	64	253	7
		12,408	3	-53.3		3	54	252	8	14,199	4	-67.8		4	48	246	6	16,532	4	-83.6		4	27	153	3	20,546	6	-63.7		7	99	89	17	23,736	13	-56.1		11	99	83	18
JANUARY 1985																																									
AUSTRALASIA																																									
AUSTRALIA NORTHEASTERN WILLIS ISLAND	1	1,008		27.7	4.1					1,493	0	18.1		1	67	118	5	3,133	0	9.7	9.9	1	44	137	3	5,848	0	-5.5	11.1	1	20	139	1	9,664	1	-31.4		2	54	294	4
		12,400	1	-53.8		2	51	298	4	14,186	1	-67.9		2	46	307	3	16,526	2	-82.5		2	55	103	4	20,524	4	-65.7		5	99	96	21	23,699	6	-55.8		8	99	82	23
FEBRUARY 1985																																									
AUSTRALASIA																																									
AUSTRALIA NORTHEASTERN WILLIS ISLAND	1	1,005		27.4	2.6					1,475	0	18.5	3.1	0	33	79	3	3,119	0	10.1	5.2	1	40	60	3	5,840	0	-5.0	7.3	0	37	343	2	9,672	0	-30.3		0	49	294	4
		12,417	1	-53.4		0	62	305	7	14,201	1	-68.8		0	54	290	8	16,526	1	-83.5		1	37	211	4	20,534	6	-65.9		8	99	93	20	23,717	6	-55.6		11	98	88	21
MARCH 1985																																									
AUSTRALASIA																																									
AUSTRALIA NORTHEASTERN WILLIS ISLAND	1	1,007		27.9	4.7					1,487	0	17.3	2.7	1	64	124	5	3,124	0	9.8	10.2	0	38	121	2	5,843	0	-5.3	10.7	0	24	319	2	9,662	0	-31.0		1	62	284	5
		12,404	0	-53.1		1	54	291	7	14,195	0	-67.8		1	28	292	4	16,527	1	-82.9		1	43	83	4	20,551	7	-64.7		6	99	92	20	23,744	9	-54.6		11	97	85	17
AUGUST 1985																																									
SOUTH AMERICA																																									
ARGENTINA-SOUTHERN COMANDANTE ESPORA B.N.																															99										
							99																																		
AFRICA																																									
ZIMBABWE HARARE (BELVEDERE)															99																										
AUSTRALASIA																																									
SOUTH PACIFIC KOUMAC/NOUVELLE-CALEDONIE	M	M		M	M					M	M	M	M	M		M	M	M	M	M	M	M		M	M	M	M	M	M	M		M	M	M	M	M		M		M	M
		M	M	M		M		M	M	M	M	M		M		M	M	M	M	M		M		M	M	M	M	M		M		M	M	M	M	M		M		M	M

UPPER AIR DATA CORRECTIONS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB								850 MB 150 MB								700 MB 100 MB								500 MB 50 MB								300 MB 30 MB							
			TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND			
		HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
OCTOBER 1985																																									
EUROPE																																									
GREENLAND DANMARKSHAVN															86																										
DECEMBER 1985																																									
ASIA																																									
REPUBLIC OF KOREA POHANG																															99								99		
JANUARY 1986																																									
SOUTH AMERICA																																									
FRENCH GUIANA CAYENNE/ROCHAMBEAU																																							99		

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

National Climatic Data Center
July 1984

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