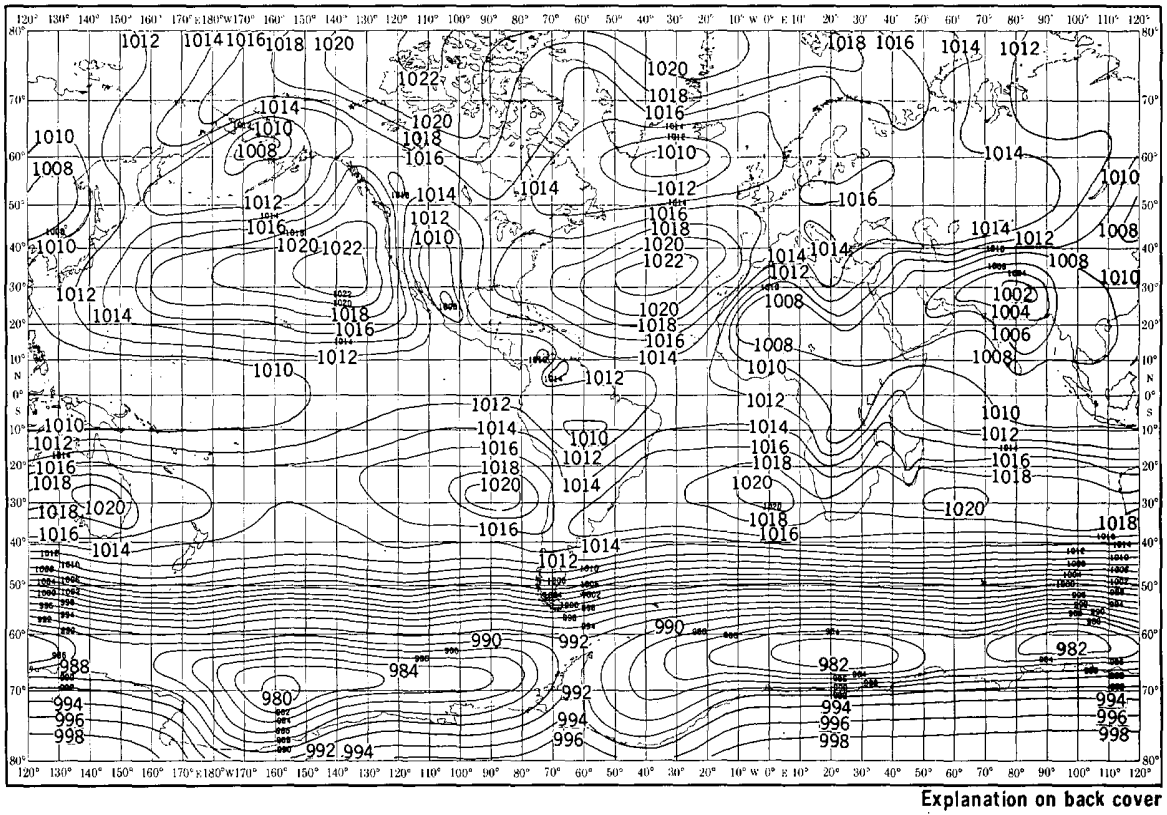
MAY 1986 VOLUME 39 NUMBER 5

MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE WORLD METEOROLOGICAL ORGANIZATION

MAY SEA LEVEL PRESSURE (MBS) - MEANS



Explanation on back cover

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PREFACE

Monthly Climatic Data for the World is currently sponsered by the World Meteorological Organization (WMO) in accordance with resolution 27 of the Second World Meteorological Congress, 1955. It is published by the United States National Oceanic and Atmospheric Administration. Climatic data are prepared for selected stations by Members of the WMO and exchanged monthly via international telecommunications under the provisions of regulation (A.2.4) 3.1.1 of the WMO Technical Regulations and WMO Publications (pub) No. 306 - Manual on Codes, and No. 386 - Manual on the Global Telecommunication System. Codes used are CLIMAT, CLIMAT SHIP, CLIMAT TEMP, and CLIMAT TEMP SHIP. Confirmation copies received by mail are also used in compiling the tables. Percentage of Long Term Sunshine was authorized during the Fourth Session (Stockholm 1965) of the WMO Commission for Climatology and recorded in paragraph 23.11 of the General Summary of the Report - WMO No. 177.RP.65.

REFERENCE NOTES

SURFACE DATA TABLE

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

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

TEMPERATURE: Monthly mean temperature and departure from normal value. "S" indicates sea surface temperature.

VAPOR PRESSURE: Monthly mean vapor pressure and departure from normal value.

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

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

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

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

UPPER AIR DATA TABLE

TIME OF OBSERVATIONS: 1 = 0000 GMT, 2 = 1200 GMT, 3 = 0000 and 1200 GMT, / = other hours, BLANK = unknown.

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

TEMPERATURE AND DEW POINT DEPRESSION: Monthly mean values for the pressure surface.

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

STEADINESS FACTOR: The ratio of the speed of the monthly mean vector wind to the speed of the monthly mean scalar wind.

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

LATE REPORTS AND CORRECTIONS

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

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SURFACE DATA

MAY 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															
ALASKA															
BARROW	71 18 N	156 47 W	4	31	1018.3	1018.7	- 6.6	+ 0.7	3.3		0	2	- 2	2	
BARTER ISLAND	70 08 N	143 38 W	15	31	1016.3	1018.2	- 7.4	- 1.2	3.2		1	3	- 6	1	
KOTZEBUE	66 52 N	162 38 W	5	31	1011.9	1012.4	- 1.3	- 1.1	4.4		0	0	- 8	1	
NOME	64 30 N	165 26 W	7	31	1011.0	1011.7	0.9	- 1.2	4.5		3	8	- 6	2	186
FAIRBANKS	64 49 N	147 52 W	138	31	992.2	1009.4	8.8	- 0.2	5.1		5	14	- 1	3	
MCGRATH	62 58 N	155 37 W	103	31	996.6	1009.5	6.4	- 0.6	5.2		3	17	- 1	3	
BETHEL	60 47 N	161 48 W	46	31	1009.3	1010.7	3.9	- 0.7	5.1		5	20	- 1	3	
ANCHORAGE	61 10 N	150 01 W	40	31	1003.1	1007.9	8.1	+ 0.2	6.1		2	13	- 2	3	152
ST. PAUL	57 09 N	170 13 W	9	31	1010.7	1011.6	2.2	+ 0.6	6.0		8	30	- 2	3	
COLD BAY	55 12 N	162 43 W	31	31	1008.1	1012.1	3.3	- 0.9	6.2		8	51	- 11	3	
KING SALMON	58 41 N	156 39 W	15	31	1007.1	1009.3	5.6	- 0.1				26	- 4		
YAKUTAT	59 31 N	139 40 W	9	31	1009.8	1010.8	6.4	+ 0.4	8.1		18	208	- 24	3	
ANNETTE ISLAND	55 02 N	131 34 W	34	31	1009.5	1013.7	8.9	- 0.5	8.4		18	165	5	3	
CANADA-WESTERN															
MOULD BAY	76 14 N	119 20 W	12	31	1019.1	1020.8	-11.8	- 0.6	2.1	-0.3	1	5	- 2	3	73
SACHS HARBOUR	71 59 N	125 17 W	86	31	1006.9	1017.9	- 7.5	+ 0.6	3.2	-0.1	5	15	+ 6	4	69
CAMBRIDGE BAY	69 06 N	105 07 W	27	31	1013.4	1017.1	- 9.3	+ 0.1	3.0	0.0	6	23	+ 13	5	78
COPPERMINE	67 50 N	115 08 W	22	31	1014.3	1017.2	- 5.4	- 0.1	4.0	-0.1	4	32	+ 20	6	84
INUVIK	68 18 N	133 29 W	68	31	1007.8	1016.6	- 3.3	- 2.5	3.6	-0.8	5	21	+ 3	4	85
NORMAN WELLS	65 17 N	126 48 W	73	31	1004.4	1013.7	5.9	+ 0.5	5.0	-0.8	2	16	- 1	4	122
WHITEHORSE	60 43 N	135 04 W	703	31	926.6	1010.6	5.4	+ 1.3	5.2	+0.2	4	16	+ 3	4	93
FORT NELSON	58 50 N	122 36 W	379	31	965.2	1011.4	9.6	0.0	6.7	-0.1	6	45	+ 3	4	
FORT SMITH	60 01 N	111 58 W	203	31	989.1	1013.0	9.7	+ 1.8	7.1	+0.9	10	58	+ 30	5	84
PRINCE GEORGE	53 53 N	122 41 W	691	31	930.9	1012.8	9.2	- 0.1	7.0	+0.1	10	39	- 8	2	80
EDMONTON	53 34 N	113 31 W	676	31	932.4	1011.1	12.7	+ 1.4	7.8	+0.8	3	35	- 8	3	96
EDMONTON STONY PLAIN	53 33 N	114 06 W	766			U									
THE PAS	53 58 N	101 06 W	271	31	981.3	1014.2	15.0	+ 6.6	7.4	+0.2	6	26	- 11	2	125
WINNIPEG INT. AP	49 55 N	97 14 W	240	31	985.8	1014.6	14.0	+ 2.7	9.8	+1.7	5	25	- 41	1	118
REGINA	50 26 N	104 40 W	574	31	944.3	1012.7	13.0	+ 1.9	8.5	+0.7	8	115	+ 69	6	102
VERNON	50 14 N	119 17 W	555			U									
LETHBRIDGE	49 38 N	112 48 W	920	31	904.9	1012.1	12.2	+ 1.2	8.3	+1.2	9	69	+ 18	5	91
SANDSPIT	53 15 N	131 49 W	0	31	1012.0	1012.8	8.2	- 0.5	9.4	+0.3	18	86	+ 34	5	77
PORT HARDY	50 41 N	127 22 W	22	31	1012.2	1014.9	9.6	+ 0.3	9.4	0.0	18	135	+ 66	5	101
VANCOUVER INT. AP	49 11 N	123 11 W	0	31	1015.1	1015.4	12.5	+ 0.3	11.1	+0.6	14	101	+ 49	5	88
CANADA-EASTERN															
ALERT	82 30 N	62 20 W	63	31	1010.9	1018.6	-10.6	+ 1.1	2.5	+0.5	3	15	+ 5	4	72
EUREKA	80 00 N	85 56 W	10	31	1016.6	1018.0	-10.1	+ 0.6	2.3	-0.1	0	1	- 2	2	85
RESOLUTE	74 43 N	94 59 W	67	31	1008.1	1017.1	- 9.7	+ 1.2	2.6	+0.2	4	9	+ 1	4	75
CLYDE	70 28 N	68 37 W	25	31	1011.2	1014.7	- 7.6	- 0.3	3.1	-0.1	6	19	+ 2	4	95
HALL BEACH	68 47 N	81 15 W	8	31	1013.0	1014.0	- 8.1	+ 1.0	3.3	+0.3	6	16	0	4	
BAKER LAKE	64 18 N	96 00 W	18	31	1015.3	1017.6	- 4.8	+ 1.6	3.9	+0.4	5	28	+ 16	5	78
CORAL HARBOUR	64 12 N	83 22 W	64	31	1007.8	1016.2	- 5.7	+ 0.6	3.6	+0.1	6	20	+ 3	4	77
FROBISHER BAY	63 45 N	68 33 W	34	31	1010.4	1014.7	- 3.5	- 0.3	3.8	-0.3	6	33	+ 8	4	76
CHURCHILL	58 45 N	94 04 W	29	31	1014.4	1018.1	1.2	+ 2.7	5.8	+1.1	3	30	- 2	4	147
INOUCDJOUAC	58 27 N	78 07 W	8	31	1017.1	1017.5	- 1.9	- 0.3	4.7	-0.3	3	8	- 15	1	128
FORT CHIMO	58 06 N	68 25 W	37	31	1011.7	1016.4	0.6	+ 0.4	5.0	-0.1	7	30	- 2	3	93
TROUT LAKE	53 50 N	89 52 W	222	31	991.5	1018.2	8.1	+ 3.6	6.9	+0.7	8	31	- 14	2	
MOOSONEE	51 16 N	80 39 W	10	31	1015.9	1017.2	7.5	+ 1.8	7.4	+0.3	4	16	- 46	1	126
KAPUSKASING	49 25 N	82 28 W	229	31	988.9	1016.5	11.2	+ 2.9	7.9	+0.6	7	42	- 32	2	
SEPT-ILES	50 13 N	66 16 W	55	31	1008.9	1015.6	6.9	+ 1.0	6.9	+0.3	6	32	- 52	1	113
GOOSE	53 19 N	60 25 W	44	31	1008.9	1015.0	7.8	+ 2.8	5.8	-0.1	6	45	- 19	2	126
NORTH BAY	46 22 N	79 25 W	369	31	970.8	1015.1	12.2	+ 1.6	9.7	+1.4	14	125	+ 56	5	
MANIWAKI	46 23 N	75 58 W	170	31	993.3	1013.9	12.2	+ 1.4	10.5	+1.5	14	17	- 46	0	79
TORONTO/MALTON INT AP	43 41 N	79 38 W	176	31	994.1	1014.9	14.3	+ 2.0	11.5	+1.6	9	75	+ 9	4	
MONTREAL/DORVAL INT AP	45 28 N	73 45 W	30	31	1009.4	1013.8	13.8	+ 0.8	11.4	+1.6	15	82	+ 16	4	83
BAGOTVILLE	48 20 N	71 00 W	163	31		1015.3	10.7	+ 1.4	8.1	+0.6	9	123	+ 54	5	
CHATHAM	47 01 N	65 27 W	34	31	1010.9	1015.1	9.7	+ 0.2	8.0	-0.3	7	71	- 11	2	108
STEPHENVILLE	48 32 N	58 33 W	26	31	1012.1	1015.3	6.7	- 0.2	7.2	-0.2	9	50	- 31	2	138
GANDER INT AP	48 57 N	59 34 W	147	31	996.9	1015.4	7.1	+ 0.9	7.2	0.0	11	45	- 25	2	109
SHEARWATER	44 38 N	63 30 W	41	31	1009.1	1015.4	8.6	- 0.3	8.9	+0.2	11	82	- 19	2	82
SYDNEY	46 10 N	60 03 W	62	31	1008.1	1015.6	7.5	+ 0.1	8.1	0.0	8	56	- 39	1	114
SHELBURNE	43 43 N	65 15 W	30			U									
SABLE ISLAND	43 56 N	60 01 W	4	31	1014.8	1015.3	6.8	+ 0.1	8.7	0.0	9	45	- 57	1	106
ARGENTIA VTMS NFLD	47 18 N	54 00 W	15	31	1014.2	1016.1	5.5	- 0.1	7.2		8	51	- 16		
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	1015.4	1016.0	5.4	+ 0.3	7.4	+0.1	7	53	- 49	1	109
UNITED STATES-NORTHWEST															
QUILLAYUTE	47 57 N	124 33 W	62	31	1008.8	1016.5	10.7	+ 0.1	10.4		17	280	+161	5	89
PORTLAND	45 36 N	122 36 W	12	31	1011.0	1016.5	14.2	+ 0.5	11.3		11	56	+ 3	4	98
OLYMPIA	46 58 N	122 54 W	61	31	1009.0	1016.4	12.4	+ 0.7	10.5		11	81	+ 34	5	
MEDFORD	42 22 N	122 52 W	405	31	967.8	1015.5	15.1	+ 0.9	9.7		10	30	0	4	
SPOKANE	47 38 N	117 32 W	721	31	944.4	1013.0	12.9	+ 0.5	8.1		6	27	- 8	3	115
GREAT FALLS	47 29 N	111 22 W	1115	31	885.5	1012.6	11.8	0.0	7.6		9	44	- 20	2	75
SHERIDAN	44 46 N	106 58 W	1209	31	876.4	1012.7	11.4	- 0.3	7.3		8	45	- 16	3	128
BISMARCK	46 46 N	100 45 W	506	31	953.7	1013.9	13.3	+ 0.6	9.3		9	79	+ 22	4	105
RAPID CITY	44 03 N	103 04 W	966	31	899.8	1013.0	12.7	- 0.4	8.8		3	36	- 30	2	136
BOISE	43 34 N	116 13 W	871	31	917.2	1012.4	15.1	+ 1.0	7.4		7	28	- 3	3	101

SURFACE DATA

MAY 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	865.8	1012.7	12.1	- 0.5	4.9		3	27	+ 7	4	118
ELY	39 17 N	114 51 W	1909	31	807.0	1010.7	10.6	+ 0.5	4.8		3	13	- 14	2	111
SALT LAKE CITY	40 47 N	111 57 W	1288	31	864.9	1011.5	14.0	- 0.9	7.5		7	86	+ 49	5	100
GRAND JUNCTION	39 07 N	108 32 W	1475	31	856.6	1009.8	15.9	- 0.8	6.4		4	29	+ 10	4	117
DENVER	39 46 N	104 52 W	1625	31	836.0	1011.1	13.7	- 0.3	6.6		4	33	- 30	2	122
NORTH PLATTE	41 08 N	100 41 W	849	31	914.6	1012.7	14.4	- 0.2	10.5		11	71	- 14	3	112
UNITED STATES-NORTHEAST															
INTERNATIONAL FALLS	48 34 N	93 23 W	361	31	973.5	1015.8	13.3	+ 2.6	9.3		5	13	- 49	1	
DULUTH	46 50 N	92 11 W	432	31	974.9	1016.5	11.0	+ 0.8	9.2		8	66	- 14	3*	107
ST. CLOUD	45 35 N	94 04 W	318	31	978.0	1015.9	14.1	+ 0.9				65	- 18		
SAULT STE. MARIE	46 28 N	84 21 W	221	31	993.1	1015.8	12.4	+ 2.6	10.5		8	46	- 28	2	89
BURLINGTON	44 28 N	73 09 W	104	31	1000.1	1014.8	14.6	+ 1.7	11.8		12	104	+ 29	5	80
CARIBOU	46 52 N	68 01 W	146	31	991.5	1014.9	11.2	+ 1.1	9.0		10	54	- 19	2	
DES MOINES	41 32 N	93 39 W	294	31	983.3	1014.3	17.0	+ 0.3	12.7		10	110	+ 10	4	103
COLUMBIA	38 49 N	92 13 W	274	31	985.7	1013.7	18.9	+ 1.1	15.9		9	135	+ 22	4	75
CHICAGO O'HARE	41 59 N	87 54 W	205	31	991.4	1015.9	15.3	+ 0.2	11.8		10	79	- 1	3	
ST. LOUIS	38 45 N	90 22 W	172	31	994.1	1014.3	20.1	+ 1.4	16.1		9	61	- 28	2	81
DAYTON	39 54 N	84 12 W	306	31	983.1	1015.4	17.7	+ 1.1	14.9		10	58	- 36	1	82
COLUMBUS	40 00 N	82 53 W	254	31	986.2	1015.8	17.9	+ 1.6	13.8		10	63	- 33	1	80
BUFFALO	42 56 N	78 44 W	215	31	987.3	1015.2	15.4	+ 2.0	11.6		7	112	+ 39	5	93
NEW YORK LA GUARDIA	40 46 N	73 54 W	9	31	1003.7	1015.0	18.6	+ 2.1	13.2		6	37	- 51	1	
BOSTON	42 22 N	71 02 W	9	31	1010.4	1014.9	14.7	0.0	11.5		7	33	- 56	1	88
BLUE HILL OBS	42 13 N	71 07 W	195	31			14.1	+ 0.4	11.3		11	49	- 45	1	94
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	1012.0	1016.1	20.1	+ 1.2	14.1		4	19	- 69	0	109
UNITED STATES-SOUTHWEST															
SACRAMENTO	38 31 N	121 30 W	8	31	1010.4	1012.7	18.6	+ 0.3	10.8		1	2	- 7	2	112
SAN FRANCISCO	37 37 N	122 23 W	5	31	1014.6	1015.4	14.8	+ 0.5	11.1		1	4	- 4	3	
OAKLAND	37 44 N	122 12 W	3			U									
SANTA MARIA	34 54 N	120 27 W	73	31	1005.9	1014.6	14.0	+ 0.2	10.8		0	T	- 6		
SAN DIEGO	32 44 N	117 10 W	9	31	999.5	1013.3	18.1	+ 0.7	14.3		0	0	- 6	1	125
LAS VEGAS	36 05 N	115 10 W	664	31	943.1	1007.9	24.8	+ 1.9	4.7		0	7	+ 2	1	102
PHOENIX	33 26 N	112 01 W	337	31	970.0	1008.2	27.9	+ 2.9	6.4		0	T	- 4	2	98
EL PASO	31 48 N	106 24 W	1194	31	883.4	1008.3	21.9	- 0.3	6.4		4	21	+ 15	5	102
ALBUQUERQUE	35 03 N	106 37 W	1620	31	846.1	1009.4	17.6	- 0.3	6.3		6	28	+ 17	5	95
WICHITA	37 39 N	97 26 W	408	31	964.7	1012.3	19.3	+ 0.5	15.0		7	76	- 24	3	102
OKLAHOMA CITY/W ROGERS WORLD	35 24 N	97 36 W	397	31	969.6	1012.2	20.6	+ 0.4	17.1		10	209	+ 69	5	79
NORMAN	35 14 N	97 28 W	362			U									
ABILENE	32 25 N	99 41 W	534	31	950.6	1010.5	23.3	+ 0.8	15.6		8	102	+ 20	4	104
SAN ANTONIO	29 32 N	98 28 W	242	31	987.9	1012.0	23.7	- 0.5	20.4		12	160	+ 67	5	35
VICTORIA	28 51 N	96 55 W	36			U									
BROWNSVILLE	25 54 N	97 26 W	6	31	1009.5	1011.4	26.3	+ 0.1	25.1		6	73	+ 19	4	89
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			21.7	+ 0.4	17.7		8	87	- 40	2	134
LONGVIEW	32 21 N	94 39 W	124			U									
NASHVILLE	36 07 N	86 41 W	184	31	996.3	1015.7	20.3	+ 0.2	16.2		12	85	- 30	2	69
ASHEVILLE	35 26 N	82 32 W	661	31	938.8	1017.2	17.4	0.0	14.5		10	90	- 16	2	87
ATLANTA	33 39 N	84 25 W	315	31	974.9	1016.1	21.7	+ 1.0	16.1		9	75	- 27	3	100
WAYCROSS	31 15 N	82 24 W	46			U									
CAPE HATTERAS	35 16 N	75 33 W	3	31	1016.6	1017.0	20.1	+ 0.7	18.2		4	81	- 23	3	115
CHARLESTON	32 54 N	80 02 W	15	31	1015.1	1017.1	23.5	+ 1.2	20.5		3	24	- 88	1	83
NEW ORLEANS	29 59 N	90 15 W	9	31	1013.1	1015.0	24.8	+ 1.0	23.2		6	41	- 88	1	
BOOTHVILLE	29 20 N	89 24 W	0			U									
JACKSONVILLE	30 30 N	81 42 W	9	31	1015.5	1016.8	22.9	- 0.5	19.0		6	54	- 71		128
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	1015.1	1015.9	25.3	- 0.5	22.2		10	209	+ 43	4	
MEXICO-NORTHERN															
EMPALME	27 55 N	110 54 W	12			U									
MONTERREY AEROP. INTL	25 52 N	100 14 W	423			U									
MEXICO-SOUTHERN															
SOCORRO IS	18 14 N	111 03 W	35			U									
MEXICO CITY INT.AP, D.F.	19 26 N	99 05 W	2234			U									
BELIZE															
BELIZE INTL. AIRPORT	17 32 N	88 18 W	5	31	1009.9	1010.4	27.5		29.9		14	626			55
COSTA RICA															
JUAN SANTAMARIA	10 00 N	84 13 W	939	31	909.5	1010.2	23.4	+ 1.3	21.3	-0.3	18	317	+ 46	4	95
PUERTO LIMON	10 00 N	83 03 W	3	31	1010.6	1010.6	25.9	- 0.2	29.9	+0.7	15	202	- 81	2	105
PUNTARENAS	09 58 N	84 50 W	3	31	1009.6	1009.6	28.1	+ 0.3	29.6	-0.9	10	239	+ 47	3	95
ADJACENT ISLANDS															
NASSAU INTL.AP BAHAMAS	25 03 N	77 28 W	7	31	1015.1	1015.9	24.5	- 0.7	22.4	-2.3	6	61	- 56	2	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									

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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															
ADJACENT ISLANDS															
SAN JUAN/INT., P.R.	18 26 N	66 00 W	19	31	1012.2	1014.2	26.2	- 0.6	27.6			325	+182	5	113
JULIANA AP, ST. MAARTEN	18 03 N	63 07 W	9	31	1015.3	1015.8	27.1	0.0	28.2	+1.1	16	182	+ 93	5	55
RAIZET, GUADELOUPE	16 16 N	61 32 W	8	31	1013.4	1014.3	26.6	+ 0.5	26.4	+0.3	12	183	+ 38	4	99
LAMENTIN/MARTINIQUE	14 36 N	61 00 W	4	31	1012.7	1013.5	26.7	+ 0.4	27.8	+0.8	12	219	+ 90	5	86
GRANTLEY ADAMS AP,BARBADOS	13 04 N	59 29 W	56	31	1007.5	1014.0	27.2	+ 0.2	27.9	+1.6	9	38	- 26		94
HATO AP,CURACAO	12 12 N	68 58 W	67	31	1009.9	1010.8	27.7	- 0.1	29.2	+0.6	4	26	+ 6	4	100
SAN ANDRES,COLOMBIA	12 35 N	81 43 W	6	31	1010.2	1010.3	28.3		29.6		8	143			
PROVIDENCIA,COLOMBIA	13 22 N	81 21 W	6	31			27.9		29.2		6	207			
DOMINICAN REPUBLIC															
SANTO DOMINGO	18 26 N	69 53 W	14		1011.9	1013.5	25.7		26.8		17	363		5	
SOUTH AMERICA															
VENEZUELA															
LA CANADA(MARACAIBO)	10 31 N	71 39 W	26			U									
GUYANA															
GEORGETOWN	06 48 N	58 09 W	2		1011.6	1012.0	26.9		29.6		21	225		2	85
TIMEHRI	06 30 N	58 15 W	30		1003.7	1012.2	25.7		27.7		24	348			
FRENCH GUIANA															
CAYENNE/ROCHAMBEAU	04 50 N	52 22 W	9	31	1011.1	1012.2	26.1	+ 0.6	29.5	+0.7	28	585	- 1	3	83
COLOMBIA															
SANTA MARTA/SIMON BOLIVAR	11 08 N	74 14 W	14	31	1007.4	1007.9	29.0		29.0		4	108			
CARTAGENA/CRESPO	10 27 N	75 31 W	12	31	1008.5	1008.7	28.1		30.6		5	50			
BARRANQUILLA/ERNESTO CORTISS	10 54 N	74 46 W	30	31	1007.4	1009.0	28.2		30.3		7	47			
QUIBDO	05 42 N	76 38 W	73	31			26.6				26	698			
CUCUTA/CAMILO DAZA	07 56 N	72 31 W	317	31	974.0	1008.8	27.8		27.0		10	143			
BARRANCABERMEJA/YARIGUIES	07 01 N	73 48 W	134	31			27.3		29.9		13	361			
BUCARAMANGA/PALONEGRO	07 06 N	73 12 W	1189	31			21.3		21.9		13	129			
PEREIRA/MATECANA	04 49 N	75 48 W	1342	31	865.2		21.4		19.8		17	159			
BOGOTA/EL DORADO	04 42 N	74 08 W	2548	31	753.3		13.9		12.9		16	74			
IPIALES/SAN LUIS	00 49 N	77 38 W	2961	31			10.4		10.9		12	76			
CALI/PALMASECA	03 33 N	76 23 W	969	31	905.4		23.4		21.9		6	63			
GAVIOTAS	04 33 N	70 55 W	167	31	989.0	1008.4	25.4		28.0		23	497			
NEIVA/LA MANGUITA	02 58 N	75 18 W	443	31	950.5	998.1	28.2		24.0		7	94			
LETICIA/VASQUEZ COBO	04 10 S	69 57 W	84	31	1000.5	1010.3	28.2		29.8		20	268			
ECUADOR															
SAN CRISTOBAL/GALAPAGOS	00 54 S	89 36 W	6	31	1010.4		24.4	- 0.5	27.0	+1.2	1	4	- 49	3	85
QUITO-BODEGA	00 10 S	78 29 W	2800	31	730.0		14.5	+ 0.1	11.7	-1.1	7	87	- 18		95
IZOBAMBA-SANTA CATALINA	00 22 S	78 33 W	3058	31	707.1		12.0	+ 0.2	11.0	-0.2	8	202	+ 56	4	105
NUEVO ROCAFUERTE	00 55 S	75 24 W	215	31			25.5	+ 0.5	28.9	+0.2	21	417	+ 52		100
PORT VIEJO-GRANJA	01 02 S	80 26 W	44	31	1005.6		25.1	- 0.5	24.0	-1.0	1	4	- 29	1	95
PICHILINGUE	01 06 S	79 28 W	73	31	1002.7		23.7	- 1.5	26.6	-0.8	7	40	-115	2	65
EL PUYO	01 30 S	77 57 W	950	31			21.2	+ 0.3	23.3	+1.3	26	408	+ 18	3	100
MILAGRO	02 07 S	79 36 W	13	31	1012.3		24.2	- 1.5	25.7	-1.0	1	3	- 69	1	80
CANAR	02 33 S	78 56 W	3120	31			11.3	- 0.1	10.8	+0.1	4	52	+ 15	4	105
PERU															
TALARA	04 34 S	81 15 W	90		1001.6	1011.7	22.2		19.6		0	0		5	
CHICLAYO	06 47 S	79 50 W	34		1009.2	1012.2	20.7		18.3		0	0		5	
LIMA-CALLAO/INTL AP/	12 00 S	77 07 W	13		1011.7	1013.4	18.2		17.3		0	T		2	
PISCO	13 45 S	76 17 W	7		1010.8		18.2		17.1		0	0		5	
SAN JUAN	15 23 S	75 10 W	60		1007.3	1014.4	18.0		17.0		0	0		5	
PIURA	05 11 S	80 36 W	55		1007.3	1013.6	22.2		18.4		0	0		4	
YURIMAGUAS	05 54 S	76 05 W	184		993.3	1013.0	27.7		27.8		9	120		2	
CHACHAPOYAS	06 13 S	77 50 W	2435		752.0		14.9		6.0		4	37		2	
AYACUCHO	13 08 S	74 13 W	2749		733.8		17.0		9.1		20	11		2	
CUZCO	13 33 S	71 59 W	3249		688.7		10.7		7.4		4	6		3	
AREQUIPA	16 19 S	71 33 W	2520		752.9		13.9		4.9		0	0		5	
JULIACA	14 29 S	70 09 W	3827		644.8		8.7		6.5		2	3		2	
TACNA	18 04 S	70 18 W	458		965.1				16.0		0	0		4	
TINGO MARIA	09 08 S	75 57 W	665		940.1	1011.8	25.1		25.2		19	338		4	
PUCALLPA	08 25 S	74 36 W	149		993.6	1010.5	25.9		28.1		10	158		5	
BOLIVIA															
COBIJA	11 05 S	68 52 W	252	27			26.7	+ 2.6	20.5		1	9	- 72	1	
RIBERALTA	11 01 S	66 07 W	135	30		1005.2	27.7	+ 1.5	21.2		5	147	+ 60	5	
SAN JOAQUIN	13 04 S	64 40 W	140	30			27.6	+ 1.7	20.0		2	42	- 16	2	
SANTA ANA	13 43 S	65 35 W	144	29			27.0		19.8		2	38		2	
RURRENABAQUE	14 29 S	67 29 W	202	30		1007.7	26.1	+ 1.5	19.8		10	152	+ 31	4	
TRINIDAD	14 51 S	64 57 W	157	31		1015.6	26.6	+ 1.4	20.2		5	101	+ 14	4	
CONCEPCION	16 15 S	62 06 W	497	31		1012.6	24.2		17.0		6	106			
SAN IGNACIO DE VELASCO	16 22 S	60 57 W	413	31		1008.6	24.6	+ 2.5	18.2		5	99	+ 44	5	
SANTA CRUZ	17 48 S	63 10 W	414	31		1012.4	23.6	+ 1.5	16.9		8	113	+ 37	5	
ROBORE	18 19 S	59 45 W	265	31		1010.7	26.2	+ 2.6	16.4		5	107	+ 41	4	
POTOSI	19 32 S	65 43 W	3934	24	642.7		6.0	+ 1.8	4.2		1	2	- 3	4	
CAMIRI	20 03 S	63 34 W	810	28		1012	22.6	+ 2.8	13.6		1	2	- 23	1	
TARIJA	21 32 S	64 43 W	1875	28	813		19.5		7.2						

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
SOUTH AMERICA															
BOLIVIA															
YACUIBA	22 01 S	63 42 W	643	27		1010	21.1	+ 2.5	14.7		7	34	+ 4	3	
LA PAZ/ALTO	16 31 S	68 11 W	4071	31	627.1		8.1	- 2.7	3.5		3	16	+ 7	2	
ORURO	18 03 S	67 04 W	3702	31	653.6		9.2	+ 1.0	3.1		2	5	+ 1	4	
COCHABAMBA	17 27 S	66 06 W	2548	27	749.1		17.7	+ 1.2	5.6		2	2	- 2	0	
SUCRE	19 01 S	65 16 W	2903	28	718.9		15.7		5.2						
PUERTO SUAREZ	19 00 S	57 44 W	135	31		1005.3	26.2	+ 3.1	16.9		9	109	+ 57	5	
BRAZIL-NORTHERN															
BOA VISTA	02 49 N	60 39 W	90	31			27.3	+ 0.6	30.2	+3.9	16	187	-117	1	
S.GAB. DO CACHOEIRA/UAUPES	00 08 S	67 05 W	90	31	999.0	1008.5	24.7	- 0.3	29.5	+1.0	18	245	- 72	1	
COARI	04 05 S	63 05 W	46	31	1004.2	1009.6	25.9	+ 0.6	35.0	+5.6	20	236	+ 10	3	
MANAUS	03 08 S	60 01 W	72	31	1002.5	1010.6	26.4	0.0	29.3	-0.5	15	180	- 13	3	
MANAUS AERO PONTA PELADA	03 09 S	59 59 W	84			U									
BENJAMIN CONSTANT	04 23 S	70 02 W	65	31	1004.4	1011.5	26.0		28.6		18	221		4	
CRUZEIRO DO SUL	07 38 S	72 40 W	170	31	997.5	1006.9	24.5	+ 0.4	20.0	-6.5	12	145	+ 7	3	
PORTO VELHO/AEROPORTO	08 46 S	63 55 W	105	31	1001.2	1008.1	25.5	+ 0.3	29.9	+3.0	11	105	- 3	3	
VILHENA /AEROPORTO/	12 44 S	60 08 W	652	31	943.0	1010.9	23.6		25.9		16	135			
RIO BRANCO	09 58 S	67 48 W	136	31			25.4		28.0		10	233			
SAO FELIX DO XINGU	06 38 S	51 58 W	150	31	989.6	1011.0	25.7		28.1		8	57			
BELEM	01 27 S	48 28 W	24	31	1011.0	1011.6	25.9	- 0.1	30.8	+1.6	8	233	- 32	3	
BELEM/AERO VAL DE CAS	01 23 S	48 29 W	16			U									
SAO LUIZ	02 32 S	44 17 W	51	31	1004.8	1010.6	26.2		29.9		22	174		2	
FORTALEZA	03 44 S	38 33 W	19	31	1008.1	1011.2	27.0		29.3		15	186		4	
NATAL	05 55 S	35 15 W	49			U									
CONCEICAO DO ARAGUAIA	08 15 S	49 12 W	160	31			26.7	+ 1.1			8	80	+ 28	4	
CAROLINA	07 20 S	47 28 W	192	31	989.2	1013.2	26.4		26.1		2	9		2	
BARRA DO CORDA	05 30 S	45 16 W	153	31	992.4	1012.2	26.3	+ 1.1	27.9	+1.3	5	34	- 19	3	
FLORIANO	06 46 S	43 01 W	123	31	996.7	1012.5	26.2		25.8		2	42			
QUIXERAMOBIM	05 12 S	39 18 W	211	31	987.3	1011.2	25.1	- 1.6	26.2	+1.3	15	241	+140	5	
PORTO NACIONAL	10 31 S	48 43 W	250	31	984.7	1011.5	26.7	+ 1.0	26.1	+1.6	4	19	- 18	2	
BOM JESUS DA LAPA	13 16 S	43 25 W	440	31	962.1	1013.2	25.3		20.7		0	0			
PETROLINA	09 23 S	40 29 W	370	31	970.3						1	25			
RECIFE /CURADO/	08 03 S	34 55 W	7	31	1012.1	1013.0	26.0	+ 0.4	28.5	+1.7	26	574	+239	5	
ARACAJU	10 55 S	37 03 W	6	31	1012.0	1012.7	29.0	+ 3.6	26.2	-0.2	18	375	+112	4	
SALVADOR	13 01 S	38 31 W	51	31	1007.1	1013.1	25.4	+ 0.5	27.8	+1.5	25	214	- 80	2	
BRAZIL SOUTHERN															
CUIABA	15 33 S	56 07 W	179	31	994.4	1011.6	25.7	+ 1.4	25.2	+1.5	9	82	+ 30	4	
PONTA PORA	22 32 S	55 44 W	650	31	938.0	1012.6	19.7	+ 2.6	19.3	+3.8	16	302	+183	6	
CAMPO GRANDE	20 28 S	54 40 W	560	31	953.4	1012.8	22.2	+ 1.9	20.9	+2.6	10	254	+174	5	
CAMPO GRANDE (AEROPORTO)	20 28 S	54 40 W	567			U									
TRES LAGOAS	20 47 S	51 38 W	313	31	979.2	1013.8	23.9	+ 3.6	22.5	+3.5	8	87	+ 26	4	
GOIANIA	16 41 S	49 17 W	729	31	930.0	1011.6	23.6	+ 3.5	19.7	+3.1	5	22	- 12	3	
MONTES CLAROS	16 43 S	43 52 W	646	31	942.0	1013.7	22.5		18.5		1	18		5	
BRASILIA	15 47 S	47 56 W	1158	31	887.5	1012.8	21.0		17.9		5	9			
BRASILIA/AEROPORTO/	15 52 S	47 56 W	1061			U									
BELO HORIZONTE	19 50 S	43 56 W	850	31	913.8	1014.7	21.1	+ 2.0	16.9	+0.9	4	69	+ 47	5	
CARAVELAS	17 44 S	39 15 W	3	31	1014.8	1015.3	24.8	+ 1.9	21.8	-1.8	8	30	-111	0	
CORUMBA	19 00 S	57 39 W	130	31	994.5	1012.2	24.1	+ 1.0	25.3	+3.7	8	160	+ 98	5	
JUIZ DE FORA	21 46 S	43 21 W	939	31	912.6	1016.8	19.0		18.2		9	41		4	
RIO DE JANEIRO	22 55 S	43 10 W	5	31	1015.5	1015.9	24.5	+ 2.2	25.7	+4.2	7	29	- 44	1	
GALEAO	22 49 S	43 15 W	6			U									
LONDRINA	23 23 S	51 11 W	566	31	949.0	1013.9	19.4		18.9		14	132			
SAO PAULO	23 30 S	46 37 W	792	31	925.3	1014.0	19.5	+ 2.2	18.3	+1.9	12	85	+ 37	4	
SAO PAULO(AEROPORTO)	23 37 S	46 39 W	803			U									
CURITIBA	25 26 S	49 16 W	923	31	912.2	1015.2	16.3	+ 1.8	16.4	+2.7	10	92	+ 7	4	
CURITIBA (AEROPORTO)	25 31 S	49 10 W	908			U									
FLORIANOPOLIS	27 35 S	48 34 W	2	31	1013.3	1013.5	20.1		20.6		9	58		1	
ALEGRETE	29 41 S	55 31 W	121	31	998.1	1012.2			16.1	+1.9	9	343	+194	4	
IGUAPE	24 43 S	47 33 W	3	31	1013.9	1014.4	22.2		22.6		12	81		2	
PORTO ALEGRE	31 01 S	51 13 W	47	31	1007.9	1013.7	16.9	- 0.2	13.7	-2.0	7	164	+ 49	5	
PORTO ALEGRE (AEROPORTO)	30 00 S	51 11 W	3			U									
SANTA VITORIA DO PALMAR	33 31 S	53 22 W	6	31	1009.0	1013.4	14.1	- 0.2	13.8	-0.1	9	167	+ 61	5	
CHILE															
ARICA	18 21 S	70 20 W	55	31	1008.2	1015.7	18.2	- 0.5	15.0	-1.8	0	0	0	5	
IQUIQUE/CAVANCHA	20 13 S	70 09 W	8	31	1009.4	1015.7	17.7	+ 1.0	14.4		0	0	0	5	
ANTOFAGASTA	23 26 S	70 27 W	140	31	1008.0	1015.1	16.0	+ 0.9	14.0	+0.8	0	1		5	
ISLA DE PASCUA	27 10 S	109 26 W	69	31	1009.6	1015.2	20.2	+ 0.3	18.0	-1.7	15	68	-.49	2	
ISLA ROBINSON CRUSOE	33 37 S	78 50 W	30	31	1012.3	1015.9	15.6	+ 0.3	14.0	+0.4	15	137	+ 3	3	
LA SERENA	29 55 S	71 12 W	146	31	998.9	1015.9	13.0	- 0.4	12.9	+0.3	4	18	- 9	4	
QUINTERO	32 47 S	71 32 W	2	31			12.8	- 0.9			7	108	+ 70	5	
PUNTA ANGELES	33 01 S	71 39 W	41	31	1010.5	1015.6	13.8	+ 0.8	13.6	+1.6	8	185	+114	5	
VALDIVIA	39 38 S	73 05 W	19	31	1011.1	1013.4	9.4	- 0.3	10.7	-0.5	21	390	+ 9	3	
PUERTO MONTT	41 26 S	73 06 W	90	31	1001.8	1012.1	8.6	- 1.0	9.8	-1.3	21	202	- 27	3	
ISLA GUAFA	43 34 S	74 44 W	140	31	992.4	1009.4	9.2	- 0.1	10.0	-0.3	19	148	- 84	2	
PUNTA ARENAS	53 00 S	70 51 W	44	31	995.4	999.8	2.4	- 1.8	6.5	-0.1	15	78	+ 27	4	
ARGENTINA-NORTHERN															
ORAN AERO	23 09 S	64 19 W	357	31	968.7	1009.4	19.0	+ 1.1	18.7	+1.1	3	120	+ 11		85

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MAY 1986

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS i MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
SOUTH AMERICA															
ARGENTINA-SOUTHERN															
COMANDANTE ESPORA B.N.	38 44 S	62 10 W	74			U									
TRELEW AERO	43 12 S	65 16 W	43	31	1003.5	1008.9	8.5	- 1.1	6.6	-0.2	3	12	- 18	3	110
URUGUAY															
SALTO	31 23 S	57 57 W	46	31	1009.1	1013.0	15.8	+ 0.3	14.0	+1.2	6	158	+ 75	5	
MELO	32 22 S	54 11 W	93	31	1000.6	1012.9	13.7	- 0.9	13.5	-0.4	11	243	+146	6	
PASO DE LOS TOROS	32 48 S	56 32 W	79	31	1003.5	1012.7	14.3	+ 0.2	13.1	-0.8	8	237	+148	5	
MERCEDES	33 15 S	58 04 W	22	31	1010.9	1013.0	14.4	- 0.3	12.9	-0.3	10	99	+ 28	4	
TREINTA Y TRES	33 13 S	54 23 W	44	31	1007.1	1012.7	14.1	- 0.7	12.8	+0.1	8	188	+109	5	
COLONIA	34 27 S	57 50 W	20	31	1009.7	1012.6	14.7	- 0.4	12.1	-1.4	7	114	+ 17	4	
MONTEVIDEO/PRADO	34 51 S	56 16 W	22	31	1010.5	1012.6	14.2	+ 0.5	12.7	-0.2	9	89	- 6	3	
PUNTA DEL ESTE	34 58 S	54 57 W	16	31	1009.3	1011.2	13.8	- 0.1	13.8	-0.5	7	165	+ 83	5	
ROCHA	34 29 S	54 18 W	22	31	1010.2	1012.5	14.0	+ 0.1	12.4	-1.7	9	170	+100	5	
ANTARCTICA															
ISLAS ORCADAS B.N.	60 45 S	44 43 W	6		996.3	998.0	- 5.8		4.2		0	2			
CENT.MET.ANT.PDTE.ED.FREI	62 15 S	58 56 W	10	31	998.1	999.3	- 7.7		2.3		4	10			
B.A. ATURO PRAT	62 30 S	59 41 W	5	31	997.7	998.3	- 8.1		2.8		7	20			
B.A. BERNARDO O'HIGGINS	63 19 S	57 54 W	10	31	997.6	999.3	-10.5		1.9		10	38			
S.A.N.A.E. STATION	70 18 S	02 21 W		31	987.9	995.1	-24.8		19.6						
BASE GENERAL BELGRANO II	77 52 S	34 37 W			965.7	1000.2	-24.3				4	12			
EUROPE															
GREENLAND															
NORD	81 36 N	16 40 W	36	31	1013.7	1018.4	- 8.5	+ 2.7	2.3		2	5	+ 1		
DANMARKSHAVN	76 46 N	18 46 W	12	31	1016.1	1017.7	- 6.2	+ 0.5	2.8		1	4	0		
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	1006.6	1012.6	- 1.4	- 0.7	4.3		2	4	- 13		
EGEDESMINDE	68 42 N	52 45 W	40			U									
GODTHAB	64 10 N	51 45 W	48	31	1008.4	1011.9	0.3	- 2.0	5.3		10	47	+ 23		
ANGMAGSSALIK	65 36 N	37 38 W	52	31	1008.4	1013.0	- 0.3	- 1.7	4.7		6	18	- 54		
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	1002.2	1011.8	1.3	- 1.0	5.2						
ICELAND															
REYKJAVIK	64 08 N	21 54 W	61	31	997.4	1004.9	5.6	- 1.3	6.3	-1.2	7	37	- 5	3	128
KEFLAVIK	63 58 N	22 36 W	54	31	998.5	1005.1	5.2	- 1.3	6.7	-0.9	11	55	- 4		
AKUREYRI	65 41 N	18 05 W	27	31	1004.7	1008.1	3.4	- 2.9	5.9	-0.9	8	48	+ 33	6	72
HJARDARNES I HORNAFIROI/HORN	64 17 N	15 13 W	10	31	1003.4	1004.7	5.3		6.3		6	77			100
UNITED KINGDOM															
LERWICK	60 08 N	01 11 W	84	31	995.1	1005.1	8.4	+ 0.6	9.4	+0.1	16	106	+ 48	5	82
STORNOWAY	58 13 N	06 19 W	13	31	1001.9	1003.6	9.1	- 0.2	9.5	-0.6	21	145	+ 93	6	61
TIREE	56 30 N	06 53 W		31	1004.1	1005.2	9.1	- 1.0	9.9	0.0	23	174	+119	6	68
ABERDEEN/DYCE	57 12 N	02 13 W		31	998.7	1006.5	10.0	+ 1.0	9.6	+0.2	17	78	+ 16	4	119
EDINBURGH AIRPORT	55 57 N	03 21 W		31	1003.0	1007.4	10.4	+ 0.2	9.0	-0.6	17	83	+ 34		98
ESKDALEMUIR	55 19 N	03 12 W		31	979.5	1008.7	8.4	- 0.5	9.2	+0.1	23	257	+170	6	67
LEEMING	54 18 N	01 32 W		31	1006.8	1010.7	11.2		9.6		10	76			
BELFAST/ALDERGROVE AP	54 39 N	06 13 W	68	31	999.1	1007.5	10.3	- 0.2	9.5	-0.8	21	118	+ 66	5	85
VALLEY	53 15 N	04 32 W		31	1009.1	1010.5	10.4	- 0.6	10.3	-0.4	12	48	- 8	3	104
AUGHTON	53 33 N	02 55 W	56			U									
MANCHESTER AIRPORT	53 21 N	02 16 W	75	31	1002.4	1011.6	11.5	- 0.2	9.5	-0.7	12	69	+ 12	4	106
BIRMINGHAM AP	52 27 N	01 44 W		31	1001.1	1013.0	11.2	+ 0.1	9.4	-0.7	13	79	+ 27		99
LONDON/GATWICK AIRPORT	51 09 N	00 11 W		31	1008.6	1015.6	11.1		10.1		12	62			
CRAWLEY	51 05 N	00 13 W	144			U									
CARDIFF-WALES AP	51 24 N	03 21 W		31	1006.1	1014.0	10.7		10.5		13	79			
BOURNEMOUTH AP	50 47 N	01 50 W		31	1014.1	1015.4	10.7		10.5		15	73			
PLYMOUTH/MOUNT BATTEN	50 21 N	04 07 W		31	1011.3	1014.7	10.9	- 0.8	11.0	-0.1	14	75	+ 10	4	91
IRELAND															
MALIN HEAD	55 22 N	07 20 W	25	31	1002.7	1005.7	9.8	- 0.4	9.8	-0.3	20	102	+ 49		69
BELMULLET	54 14 N	10 00 W	10	31	1004.7	1005.9	9.6	- 1.4	10.0		22	151	+ 88		75
DUBLIN AIRPORT	53 26 N	06 15 W	85	31	998.3	1008.6	10.5	- 0.1	9.5	-0.6	16	63	+ 5		88
SHANNON AIRPORT	52 42 N	08 55 W	20	31	1006.1	1008.5	10.7	- 0.8	10.1	-0.7	22	106	+ 44		80
CORK AIRPORT	51 51 N	08 29 W	162	31	990.1	1009.7	9.3	- 1.3	10.0		21	143	+ 59		
VALENTIA OBSERVATORY	51 56 N	10 15 W	14	31	1007.4	1009.1	10.1	- 1.4	10.4	-0.5	25	183	+ 97	6	73
DENMARK AND FAROE IS															
THORSHAVN	62 01 N	06 46 W	39	31	999.2	1002.1	7.2	- 0.1	9.5		19	139	+ 72	5	63
THORSHAVN	62 01 N	06 46 W	55			U									
ALBORG	57 06 N	09 52 E	3	31	1014.3	1014.7	10.8	+ 0.2	9.7		13	56	+ 23	5	
KOBENHAVN/JAEGERSBORG	55 46 N	12 31 E	40			U									
KOBENHAVN/LANDBOHOJSKOLEN	55 41 N	12 33 E	9	31	1015.8	1016.4	12.6	+ 0.8	9.7		9	53	+ 11	4	102
RONNE	55 04 N	14 45 E	16	31	1015.9	1017.9	10.8	+ 1.2	9.4		8	28	- 3	3	
NORWAY															
BJORNOYA	74 31 N	19 01 E	14	31	1011.0	1012.8	- 0.2	+ 1.1	5.4		7	19	+ 1	3	
BJORNOYA	74 31 N	19 01 E	18			U									
JAN MAYEN	70 56 N	08 40 W	9	31	1008.3	1009.5	- 0.7	- 0.2	5.0		6	20	- 17	2	

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
NORWAY															
VARDO	70 22 N	31 06 E	15	31	1011.7	1013.4	2.8	+ 0.2	6.4	+0.2	3	9	- 27	0	
SVALBARD LUFTHAVN	78 15 N	15 28 E	29	31	1012.4	1016.1	- 2.9	+ 1.2	3.6		2	6			
TROMSO/LANGNES	69 41 N	18 55 E	10	31	1008.5	1009.6	7.2	+ 2.9	6.7	+0.6	6	37	- 18		83
BODO	67 16 N	14 22 E	13	31	1007.0	1008.5	8.2	+ 2.0	7.5	+0.3	11	51	+ 2	4	71
BODO	67 15 N	14 24 E	8			U									
ORLAND	63 42 N	09 36 E	7	31	1007.1	1008.2	9.9	+ 2.0	9.5	+1.7	12	63	+ 10	4	
ORLAND	63 42 N	09 36 E	10			U									
BERGEN/FLORIDA	60 23 N	05 20 E	36	31	1005.1	1009.4	10.5	+ 0.1	9.3	+0.2	17	198	+109	5	40
STAVANGER/SOLA	58 53 N	05 38 E	9	31	1010.0	1011.2	10.1	+ 0.5	10.0	+0.9	15	84	+ 36	5	
STAVANGER/SOLA	58 52 N	05 40 E	33			U									
OSLO/BLINDERN	59 56 N	10 44 E	96	31	1000.0	1011.5	10.9	+ 0.2	8.5	+0.3	9	63	+ 19	4	95
OSLO/GARDERMOEN	60 12 N	11 05 E	204	31	987.2	1011.6	10.0	+ 0.6	8.5	+0.7	10	50	- 1	2	
OSLO/GARDERMOEN	60 12 N	11 06 E	201			U									
SWEDEN															
KARESUANDO	68 27 N	22 30 E	327	31	971.5	1011.1	5.1	+ 2.1	6.6	+0.7	8	19	- 7	3	49
HAPARANDA	65 50 N	24 09 E	6	31	1011.0	1011.9	6.1	+ 0.3	7.1	+0.6	7	38	+ 8	4	71
STENSELE	65 04 N	17 09 E		31	976.4	1010.1	7.6	+ 1.7	7.6	+1.2	11	64	+ 31	5	
OSTERSUND/FROSON	63 11 N	14 30 E	366	31	967.0	1010.4	9.6	+ 2.6	7.7		4	20	- 7	2	97
HARNOSAND	62 38 N	17 57 E	8	31	1010.7	1011.9	7.9	+ 0.1	7.9	+0.6	7	50	+ 16	5	116
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	1007.9	1013.5	10.4	+ 0.4	8.8	+0.5	6	30	- 5	3	91
JONKOPINGS AIRPORT	57 46 N	14 05 E	232	31	988.2	1015.3	11.1	+ 1.9	8.8		9	43	- 6	3	103
GOTEBORG/SAVE	57 47 N	11 53 E	53	31	1008.8	1015.2	11.5	+ 0.5	10.2	+1.4	9	68	+ 34	5	77
GOTEBORG/LANDVETTER	57 40 N	12 18 E	155			U									
VISBY FLYGPLATS	57 40 N	18 21 E	47	31	1010.4	1016.6	11.3	+ 2.3	9.9	+1.4	6	54	+ 24	5	116
FINLAND															
SODANKYLA	67 22 N	26 39 E	179	31	990.7	1012.6	5.7	+ 0.8	6.2	+0.3	11	37	+ 6	4	70
KAJAANI	64 17 N	27 41 E	136	31	996.7	1013.1	8.1	+ 1.2	7.6	+0.5	12	75	+ 37	5	78
JYVASKYLA	62 24 N	25 41 E	145	31	995.7	1013.1	10.2	+ 2.1	8.3	+0.8	7	60	+ 19	4	95
VAASA	63 03 N	21 46 E	4	31	1011.1	1012.1	10.0	+ 2.5	8.7	+1.1	8	28	- 3	3	102
JOKIOINEN	60 49 N	23 30 E	103	31	1002.3	1014.7	10.5	+ 1.7	8.0	+0.5	10	52	+ 13	4	118
TURKU	60 31 N	22 16 E	59	31	1007.7	1014.8	10.8	+ 2.1	8.4	+0.8	9	55	+ 25	5	112
HELSINKI-VANTAA	60 19 N	24 58 E	56	31	1007.6	1015.1	10.9	+ 1.9	8.4	+0.5	7	42	+ 1	4	100
FRANCE															
CHERBOURG	49 39 N	01 28 W	138	31	999.8	1016.4	10.6		10.1		14	63			
BREST/GUIPAVAS	48 27 N	04 25 W	103	31	1003.7	1016.2	10.8	- 0.8	10.7	-0.8	16	88	+ 20	4	87
NANTES	47 10 N	01 36 W	27	31	1015.1	1018.4	13.4	- 0.5	11.8	-0.5	17	59	+ 1	4	94
TRAPPES	48 46 N	02 01 E	168	31	997.6	1017.7	13.2	+ 0.2	10.9	-0.3	11	33	- 22	2	104
PARIS/LE BOURGET	48 58 N	02 27 E	65	31	1010.1	1018.0	13.8	- 0.2	11.7	+0.6	9	31	- 21	2	98
NANCY/ESSEY	48 41 N	06 13 E	217	31	992.7	1018.5	14.2	+ 0.9	12.9	+1.7	16	100	+ 46	5	83
STRASBOURG	48 33 N	07 38 E	154	31	1000.2	1018.5	15.6	+ 1.6	13.5	+2.0	16	92	+ 32	5	76
DIJON	47 16 N	05 05 E	227	31	991.6	1018.6	14.2	- 0.1	13.6	+2.4	13	129	+ 65	6	63
BOURGES	47 04 N	02 22 E	166	31	998.6	1018.5	14.0	- 0.2	13.4	+2.1	17	100	+ 32	5	100
LIMOGES	45 52 N	01 11 E	402	31	971.7	1019.0	13.3	0.0	12.6	+1.8	14	92	+ 12	4	89
LYON/BRON	45 43 N	04 57 E	201	31	994.9	1018.7	15.4	+ 0.5	13.8	+2.2	14	94	+ 25	4	80
LYON/SATOLAS	45 44 N	05 05 E	240			U									
BORDEAUX/MERIGNAC	44 50 N	00 42 W	61	31	1011.6	1019.0	15.1	+ 0.4	12.4	+0.1	12	42	- 19	2	103
TOULOUSE/BLAGNAC	43 38 N	01 22 E	153	31	1000.8	1019.0	16.2	+ 1.4	13.5	+1.1	7	43	- 32	2	95
PERPIGNAN	42 44 N	02 52 E	48	31	1012.8	1018.5	18.0	+ 0.9	13.6	+1.0	2	4	- 47	1	93
NIMES/COURBESSAC	43 52 N	04 24 E	62	31	1011.2	1018.5	18.2	+ 1.6	13.7	+1.7	3	14	- 54	1	100
MARSEILLE/MARIGNANE	43 27 N	05 13 E	36	31	1013.4	1017.7	18.7	+ 1.9	13.1	+0.5	0	2	- 44	1	108
NICE	43 39 N	07 12 E	10	31	1016.5	1017.7	18.8	+ 2.1	16.1	+1.5	3	22	- 46	1	103
AJACCIO	41 55 N	08 48 E	9	31	1016.4	1017.0	17.9	+ 2.0	16.9	+2.6	3	35	- 15	3	112
BELGIUM															
UCCLE	50 48 N	04 21 E	104	31	1004.6	1016.7	14.0		11.6		12	52		3	116
NETHERLANDS															
DE BILT	52 06 N	05 11 E	4	31	1016.2	1016.7	13.3	+ 0.9	11.0	+0.5	11	44	- 8	3	109
LUXEMBOURG															
LUXEMBOURG AP	49 37 N	06 13 E	379	31	972.8	1017.4	13.0	+ 1.3	10.7	+1.2	14	88	+ 15	4	105
SWITZERLAND															
SANTIS	47 15 N	09 21 E	2500	31	753.8	3096 Z	2.5	+ 2.1	6.2	+1.2	15	264	+ 67	5	103
ZURICH/TOWN/VILLE/	47 23 N	08 34 E	569	31	952.8	1018.8	14.1	+ 1.4	12.1	+2.0	15	151	+ 44	5	85
GENEVE/COINTRIN	46 15 N	06 08 E	416	31	969.8	1018.3	15.4	+ 2.4	11.9	+1.6	10	55	- 11	3	85
PAYERNE	46 49 N	06 57 E	491			U									
LUGANO	46 00 N	08 58 E	276	31	985.3	1017.6	17.0	+ 1.6	13.5	+1.8	16	194	- 20	3	104
FEDERAL REP OF GERMANY															
MUNCHEN/OBERSCHLEISSHEIM	48 15 N	11 33 E				U									
GERMAN DEMOCRATIC REP															
WARNEMUNDE	54 11 N	12 05 E	10	31	1016.3	1017.5	13.1	+ 1.6	10.6	+0.1	10	52	+ 3	3	96
GREIFSWALD	54 06 N	13 24 E	6	31	1017.0	1017.8	14.0	+ 1.7	11.2	+0.5	9	46	+ 1	3	94
POTSDAM	52 23 N	13 04 E	94	31	1006.4	1018.4	15.1	+ 1.7	11.5	+1.4	12	112	+ 65	6	102
LINDENBERG	52 13 N	14 07 E	115			U									

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
GERMAN DEMOCRATIC REP															
LINDENBERG	52 13 N	14 07 E	112	31	1004.4	1017.9	14.9	+ 1.5	11.4	+1.1	14	97	+ 52	5	102
LEIPZIG-SCHKEUDITZ	51 25 N	12 14 E	133	31	1001.8	1017.7	15.3	+ 2.3	12.2	+1.5	11	67	+ 20	4	98
DRESDEN-KLOTZSCHE	51 08 N	13 47 E	226	31	990.9	1017.8	15.7	+ 2.7	12.1	+1.7	14	137	+ 74		99
GORLITZ	51 10 N	14 57 E	238	31	989.7	1018.0	14.9	+ 2.4	12.1	+1.6	14	125	+ 60	5	97
ERFURT-BINDERSLEBEN	50 59 N	10 58 E	323	31	979.7	1017.9	14.6	+ 2.5	11.6	+1.5	10	80	+ 22	4	103
MEININGEN	50 34 N	10 23 E	453	31	964.6	1017.9	13.4	+ 2.3	11.3	+1.7	14	78	+ 23		
FICHTELBERG	50 26 N	12 57 E	1215	31	880.8	1510 Y	9.1	+ 2.6	9.1	+1.0	15	140	+ 46	5	99
AUSTRIA															
ST. POLTEN	48 12 N	15 37 E	282	31	983.0	1017.6	16.3	+ 1.6	11.8	+0.7	12	99	+ 10	4	106
WIEN/HOHE-WARTE	48 15 N	16 22 E	209	31	992.1	1017.6	17.2	+ 2.4	12.9	+2.0	12	52	- 18	3	100
SALZBURG-FLUGHAFEN	47 48 N	13 00 E	450	31	964.1	1017.4	15.7	+ 2.5	11.6	+0.5	14	139	+ 12	4	101
INNSBRUCK-FLUGHAFEN	47 16 N	11 21 E	598	31	945.7	1017.0	15.3	+ 1.5	10.9	+0.9	10	162	+ 85	6	104
KLAGENFURT-FLUGHAFEN	46 39 N	14 20 E	452	31	961.5	1016.9	15.8	+ 2.5	11.9	+0.6	10	105	+ 17	4	102
GRAZ-THALERHOF-FLUGHAFEN	47 00 N	15 26 E	347	31	975.4	1017.7	16.0	+ 2.3	14.2	+2.9	11	107	+ 14	4	98
SONNBLICK	47 03 N	12 57 E	3107	31	696.9	3135 Z	- 0.6	+ 3.2	5.4	+1.3	13	115	- 36	3	103
CZECHOSLOVAKIA															
CHEB	50 05 N	12 24 E	471	31	962.4	1017.6	14.4	+ 2.7	11.7	+1.6	14	90	+ 37	5	88
PRAHA/RUZYNE	50 06 N	14 17 E	369	31	974.6	1017.9	14.9	+ 2.0	12.0	+1.8	13	166	+105	6	89
PRAHA/LIBUS	50 00 N	14 27 E	304	31	981.8	1017.5	16.2	+ 2.0	11.9	+1.3	12	107	+ 52		
BRNO/TURANY	49 09 N	16 42 E	246	31	989.0	1018.2	16.2	+ 2.0	12.2	+1.8	10	90	+ 35	5	94
OSTRAVA/MOSNOV	49 41 N	18 07 E	256	31	987.8	1018.3	15.2	+ 2.1	12.3	+1.7	11	120	+ 41	5	112
SLIAC	48 38 N	19 09 E	318	31	980.0	1018.2	15.7	+ 2.1	11.9	+1.1	10	48	+ 29	2	91
POPRAD/TATRY	49 04 N	20 15 E	707	31	936.6		12.8	+ 1.9	11.1	+1.6	10	79	+ 11	4	95
POPRAD/GANOVCE	49 02 N	20 19 E	706			U									
HUNGARY															
MISKOLC	48 08 N	20 48 E	119	31	1003.3	1017.9	17.0	+ 1.4	13.5	+1.2	6	49	- 21	2	110
BUDAPEST/METEOROLOGIA	47 31 N	19 02 E	129	31	1002.4	1017.7	18.6	+ 2.1	12.0	+0.3	5	26	- 46	1	113
BUDAPEST/LORINC	47 26 N	19 11 E	139	31	1000.9	1017.4	18.2	+ 2.3	12.4	+0.5	7	37	- 33	2	121
DEBRECEN	47 29 N	21 38 E	112	31	1003.6	1017.5	17.8	+ 1.5	13.5	+1.0	7	46	- 12	2	109
PECS	46 00 N	18 14 E	203	31	993.6	1017.5	18.0	+ 2.4	14.3	+1.9	6	86	+ 16	4	120
SZEGED	46 15 N	20 06 E	83	31	1007.7	1017.5	18.7	+ 2.3	13.3	+0.2	5	28	- 35	2	101
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	1017.1	1017.5	19.6	+ 0.4	16.4	+0.9	0	0	- 27	0	90
PORTUGAL															
LAJES /ACORES/	38 45 N	27 05 W	54			U									
LISBOA/GAGO CONTINHO	38 46 N	09 08 W	105			U									
CAPE VERDE															
SAL	16 44 N	22 57 W	55		1008.3	1014.7	21.8		19.9		0	0		0	
SPAIN															
LA CORUNA	43 22 N	08 25 W	67	31	1011.5	1019.6	14.1	0.0	12.3	-0.6	8	68	- 2	3	95
VALLADOLID	41 39 N	04 45 W	696	31	932.8	1017.4	15.2	+ 1.4	5.3	-3.5	11	38	- 6	3	110
MADRID/BARAJAS	40 27 N	03 35 W	582			U									
MADRID	40 25 N	03 41 W	667	31	942.0	1017.3	18.7	+ 2.5	10.4	+0.3	4	12	- 31	1	100
BADAJOZ	38 53 N	06 58 W	195	31	996.5	1016.8	18.9	+ 0.2	12.4	+0.4	3	14	- 21	2	105
SEVILLA/TABLADA	37 22 N	06 00 W	14	31	1014.1	1015.8	22.0	+ 2.4	14.4	+0.1	2	10	- 25	2	100
ALICANTE	38 22 N	00 30 W	82	31	1008.6	1018.2	19.3	+ 0.3	15.1	+0.4	3	14	- 16	3	85
PALMA/SON BONET	39 36 N	02 42 E	45			U									
MENORCA/MAHON	39 52 N	04 14 E	82	31	1008.5	1018.4	18.6	+ 1.5	16.1	+2.0	1	5	- 24	1	115
ITALY															
UDINE/CAMPOFORMIDO	46 02 N	13 11 E	94			U									
MALTA															
LUQA	35 51 N	14 29 E		31	1009.2	1017.8	19.7	+ 0.7			0	T	- 10	0	109
YUGOSLAVIA															
ZAGREB/MAKSIMIR	45 49 N	16 02 E	128			U									
BEOGRAD/ZELENO BROO	44 47 N	20 32 E	243			U									
GREECE															
ATHENS/HELLINIKON	37 54 N	23 44 E	15			U									
ROMANIA															
BUCURESTI/IMH	44 30 N	26 08 E	90			U									
CONSTANTA	44 13 N	28 38 E	14			U									
TURKEY															
RIZE	41 02 N	40 30 E	4		1015.7	1016.2	14.4	- 1.3	13.6	-0.9	16	119	+ 22	4	17
SAMSUN	41 17 N	36 20 E	44		1015.8	1016.2	13.7	- 1.7	13.4	-0.5	9	133	+ 91	6	17
ISTANBUL/GOZTEPE	40 58 N	29 05 E	40		1013.1	1017.1	15.3	- 0.9	13.6	0.0	1	4	- 28	1	59
BURSA	40 11 N	29 04 E	100		1009.8	1016.6	16.5	- 0.9	11.4	-2.2	2	14	- 43	1	61

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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															
CANAKKALE	40 08 N	26 24 E	3		1016.0	1016.6	17.3	+ 0.2	13.0	-0.8	3	24	- 5		73
IZMIR	38 26 N	27 10 E	25		1010.3	1013.2	20.4	+ 2.1	3.0	-0.9	2	7	- 32	1	37
ANTALYA	36 42 N	30 44 E	57		1005.7	1010.6	20.2	- 0.3	13.6	-2.9	4	29	+ 3	4	70
KASTAMONU	41 22 N	33 46 E	799		923.2	1015.1	10.9	- 3.5	9.0	+1.7	14	123	+ 44	5	40
ANKARA/CENTRAL	39 57 N	32 53 E	894		911.6	1013.1	12.8	+ 3.2	9.0	+1.0	14	39	- 12	3	52
SIVAS	39 45 N	37 01 E	1285		869.8	1013.4	9.9	- 3.3	8.7	-0.2	18	111	+ 52	5	32
ERZINCAN	39 44 N	39 30 E	1215		876.7	1012.1	12.1	- 3.8	9.3	-0.4	16	105	+ 57	4	38
ERZURUM	39 55 N	41 16 E	1758		810.0	1012.1	7.7	- 3.2	7.4	-0.1	20	123	+ 86	5	35
MUGLA	37 12 N	28 21 E	646		938.1	1012.0	16.3	- 1.4	10.9	+0.1	9	94	+ 50	5	56
AFYON	38 45 N	30 32 E	1034		898.2	1015.1	12.4	+ 2.8	9.3	-0.6	11	35	- 26	2	58
ISPARTA	37 45 N	30 33 E	997		900.6	1012.9	13.4	- 1.9	8.8	-1.3	5	41	- 21	2	64
KONYA	37 58 N	32 33 E	1022		897.1	1012.7	12.6	- 3.3	9.2	-0.5	12	78	- 39	5	50
URFA	37 08 N	38 46 E	547		946.2	1008.2	19.8	-20.1	3.2	+2.7	5	46	+ 22		67
MALATYA/ERHAC	38 26 N	38 05 E	849		901.1	1013.3	14.0	- 4.0	10.3	+0.7	15	70	- 30	5	50
DIYARBAKIR	37 53 N	40 11 E	677		934.2	1010.9	16.5	- 2.7	1.9	+0.4	14	64	+ 23	4	59
VAN	38 27 N	43 19 E	1661		824.7	1009.8	11.3	- 1.8	7.1	-1.4	17	79	+ 39		56
USSR															
MOSKVA	55 45 N	37 34 E	156			U									
AFRICA															
MOROCCO															
CASABLANCA	33 34 N	07 40 W	62		1009.1	1015.8	18.4		17.6		0	T		1	
AGADIR	30 23 N	09 34 W	23		1012.2	1014.9	19.6		17.3		0	0		1	80
MEKNES	33 53 N	05 32 W	549		853.1	1015.4	20.0		14.2		0	T		0	100
MARRAKECH	31 37 N	08 02 W	466		961.5	1014.3	23.2		11.4		1	31		4	100
OUARZAZATE	30 56 N	06 54 W	1140		889.1	1529 Y	24.2		7.3		0	3		1	65
ALGERIA															
BEJAIA	36 43 N	05 04 E	3		1017.1	1017.6	19.2		17.0						
SKIKDA	36 52 N	06 57 E	9		1016.6	1017.8	19.4		17.5		1	12			
MILIANA	36 18 N	02 14 E	722		935.5	1016.1	21.1		12.8		1	3			75
BORDJ BOU ARRERIDJ	36 04 N	04 46 E	928		913.6		21.2		10.6		4	27			
BISKRA	34 48 N	05 44 E	88		1005.6	1015.7	27.1		10.4		2	35			
D JELFA	34 40 N	03 15 E	1178		889.9	1537 Y	20.3		8.3		10	360		3	
EL OUED-GUEMAR	33 30 N	06 47 E	63		1008.6	1015.8	26.6		12.1		2	9			85
AIN SEFRA	32 46 N	00 36 W	1058		895.7	1512 Y	23.4		8.3						65
HASSI-MESSOUD/OUED IRARA	31 40 N	06 09 E	143		998.1	1014.5	27.9		10.1		0	T			
TIMIMOUN	29 15 N	01 07 E	313		976.6	1011.5	29.9		7.0		2	2			70
MAURITANIA															
NOUADHIBOU	20 56 N	17 02 W	3		1012.9	1013.4	20.1		18.8		1	1		5	
BIR MOGHREIN	25 14 N	11 37 W	360		971.1	1011.2	27.8		20.8		0	0			
ZOUERATE	22 45 N	12 29 W	343		972.4	1010.5	29.5		13.7		0	T			
ATAR	20 31 N	13 04 W	224		985.3	1010.0	32.9		9.5		0	T			
NEMA	16 36 N	07 16 W	269				36.4		12.1		0	0			
SENEGAL															
SAINT-LOUIS	16 03 N	16 27 W	4		1011.0	1011.5	23.5		21.4		1	1		5	
DIOURBEL	14 39 N	16 14 W	9				28.6		19.5		0	0		4	
KAOLACK	14 08 N	16 04 W	7		1010.9	1011.7	29.7		20.9		0	0		5	
ZIGUINCHOR	12 33 N	16 16 W	23		1009.8	1011.3	27.6		25.0		0	0		2	
PODOR	16 39 N	14 56 W	7		1010.1	1010.9	30.1		16.1		0	T		4	
LINGUERE	15 23 N	15 07 W	21		1007.7	1010.0	31.7		16.4		0	0		1	
MATAM	15 39 N	13 15 W	17		1006.8	1009.2	33.6		16.3		0	T		5	
TAMBACOUNDA	13 46 N	13 41 W	50		1004.0	1009.6	33.3		20.0		1	7		2	
KOLDA	12 53 N	14 58 W	10				31.5		21.3		2	24		4	
KEDOUGOU	12 34 N	12 13 W	167		990.3	1008.8	31.2		23.6		8	179		5	
MALI															
KIDAL	18 26 N	01 21 E	459		957.2		33.9		7.2		2	6		4	85
NARA	15 10 N	07 17 W	265		978.4	1007.3	34.8		13.4		0	T			
NIORO DU SAHEL	15 14 N	09 21 W	237		981.2	1007.2	34.5		14.1		0	0		1	
KITA	13 04 N	09 28 W	334		971.8	1008.4	31.5		2.2		4	59		3	85
BAMAKO/SENOU	12 32 N	07 57 W	381		965.8	1007.3	31.3		21.5		5	31			
SEGOU	13 24 N	06 09 W	289		976.1	1007.6	32.8		20.5		3	100		6	25
SAN	13 20 N	04 50 W	284		977.4	1008.4	32.9		19.9		6	24		2	
KOUTIALA	12 23 N	05 28 W	367		967.4	1008.6	30.7		22.2		7	818		4	
BOUGOUNI	11 25 N	07 30 W	351		970.3	1008.7	29.2		24.9		10	117		4	80
NIGER															
BILMA	18 41 N	12 55 E	357		968.0	1008.9	32.7		7.0		0	T		5	100
AGADEZ	16 58 N	07 59 E	502		952.1	1006.2	34.2		7.0		0	T		3	95
N GUIGMI	14 15 N	13 07 E	286		974.8	1006.0	33.7		12.4		0	T		3	110
MAINE-SOROA	13 14 N	11 59 E	337		969.2	1005.9	33.8		11.8		0	T		1	95
ZINDER	13 47 N	08 59 E	453		957.3	1006.3	33.6		12.3		1	33		5	105
MAGARIA	12 59 N	08 56 E	403		963.7	1007.5	32.3		15.2		1	5			
MARADI	13 28 N	07 05 E	373		966.0	1006.4	33.4		16.6		0	2		1	100
BIRNI-N KONNI	13 48 N	05 15 E	273		976.3	1006.0	34.1		18.1		1	5		1	105
TAHOUA	14 54 N	05 15 E	391		964.0	1006.3	34.5		12.8		1	2		1	110
TILLABERY	14 12 N	01 27 E	210		984.2	1007.1	34.9		20.6		2	3		1	100

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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															
NIGER															
NIAMEY-AERO	13 29 N	02 10 E	234		982.0	1006.8	34.0		20.6		4	66		5	100
GAYA	11 53 N	03 27 E	203		984.1	1006.3	32.5		24.1		5	46		2	105
SIERRA LEONE															
LUNGI	08 37 N	13 12 W	27	31	1005.8	1008.7	27.1	- 0.2	28.6	0.0	13	220	+ 17		93
NJALA	08 06 N	12 06 W	56	31	1001.4	1007.7	27.1	- 0.2	29.0	-0.1	21	412	+169		70
KABALA	09 35 N	11 33 W	464	31	958.8	1010.3	27.2	+ 0.9	25.5	0.0	17	224	+ 26		140
DARU	07 59 N	10 51 W	186	31	988.8	1010.0	27.0	- 0.1	27.9	-0.1	12	207			113
LIBERIA															
ROBERTS FIELD	06 15 N	10 21 W	18	31	1010.0	1011.0	27.0	+ 0.5	29.8	+0.1	22	268	- 1		
UPPER VOLTA															
DORI	14 02 N	00 02 W	277		976.9	1007.1	34.5		17.2		1	19		1	
OUAHIGOUYA	13 34 N	02 25 W	336		970.6	1007.2	33.1		18.1		7	40		1	
OUAGADOUGOU	12 21 N	01 31 W	306		974.2	1007.6	32.0		22.5		8	85		3	105
FADA N GOURMA	12 02 N	00 22 E	309		974.1	1008.0	32.0		23.3		5	23		1	
BOROMO	11 45 N	02 56 W	271		977.6	1008.5	30.9		23.9		9	151		5	
BOBO-DIOULASSO	11 10 N	04 19 W	460		968.5	1009.1	28.9		24.0		5	84		2	
GAOUA	10 20 N	03 11 W	335		972.3	1009.3	28.7		26.1		11	122		2	
BENIN															
KANDI	11 08 N	02 56 E	292	31	976.1	1008.3	30.4	+ 0.5	24.9	-0.9	5	150	+ 43	4	
NATITINGOU	10 19 N	01 23 E	461	31	958.9	1009.6	27.9	+ 0.1	25.4	-0.4	7	90	- 34	2	
PARAKOU	09 21 N	02 37 E	393	31	966.3	1009.7	27.5	+ 0.3	25.6	-0.9	8	114	- 12	3	
SAVE	07 59 N	02 26 E	200	31	987.7	1010.1	27.3	- 0.1	26.5	-0.8	7	63	- 70	1	
BOHICON	07 10 N	02 04 E	167	31	991.4	1010.2	27.3	- 0.3	29.4	+1.2	9	124	- 29	2	
COTONOU	06 21 N	02 23 E	9	31	1009.6	1010.6	27.9	+ 0.4	30.4	-0.2	8	90	-109	0	
TOGO															
DAPON	10 52 N	00 15 E	330		972.4	1009.1	30.5		23.0		5	62			
MANGO	10 22 N	00 28 E	146		992.3	1008.5	30.9		26.8		4	25		0	
SOKODE	08 59 N	01 09 E	387		966.4	1010.0	27.0		26.2		9	56		0	105
ATAKPAME	07 35 N	01 07 E	402		965.4	1010.6	26.4		25.7		10	104		2	
TABLIGBO	06 35 N	01 30 E	44		1005.8	1010.9	27.3		29.1		9	130		2	
LOME	06 10 N	01 15 E	25		1008.1	1010.8	28.1		31.4		8	41		0	110
UNITED REP OF CAMEROON															
DOUALA R.S.	04 01 N	09 42 E	15			U									
CENTRAL AFRICAN REP															
BIRAO	10 17 N	22 47 E	464		955.8	1005.8	32.0		16.7		3	6			
N DELE	08 04 N	20 39 E	511		951.7	1007.3	28.4		24.1		7	53		1	
BRIA	06 32 N	21 59 E	584		944.9	1008.3	25.6		25.2		17	159			
YALINGA	06 30 N	23 16 E	602		942.2	1007.5	25.4		25.2		13	166			
BAMBARI	05 51 N	20 39 E	475		956.6	1008.6	25.7		26.2		15	169			
ALINDAO	05 03 N	21 12 E	449				25.7		26.3		16	140			
BANGASSOU	04 44 N	22 50 E	500		954.0	1009.8	25.3		26.4		14	196		3	106
OBO	05 24 N	26 30 E	651		937.8	1008.2	25.2		25.1		15	138			
BOSSANGOA	06 29 N	17 26 E	465		957.1	1007.8	27.4		25.4		11	142		4	97
BOUAR	05 58 N	15 38 E	1020		899.6	1510 Y	23.1		22.3		15	146			
BOSSEMBELE	05 16 N	17 38 E	674		935.4	1008.2	25.1		24.4		12	121			
BERBERATI	04 15 N	15 48 E	583	31	945.2	1009.5	24.4		25.2		11	131			101
BANGUI	04 24 N	18 31 E	366		968.7	1010.2	26.8		25.9		12	145		3	112
KENYA															
MOYALE	03 32 N	39 03 E	1113	31			21.6	- 0.3	21.2	+1.1	4	60	- 69	1	
ELDORET	00 32 N	35 17 E	2133	31	790.4	1493 Y	17.0	- 0.1	13.8		3	63	- 51	1	110
NAIROBI/KENYATTA AIRPORT	01 19 S	36 55 E	1624	31	840.0	1518 Y	18.9	- 0.3	17.0	+0.2	14	168	+ 44		79
GARISSA	00 28 S	39 38 E	147	31	995.6	1012.2	28.0	- 0.9	24.0	-0.6	8	20	+ 2	4	
MALINDI	03 14 S	40 06 E	23	31	1010.4	1013.0	25.8	- 0.2	28.0	+0.3	19	601	+211	5	78
ETHIOPIA															
ASMARA	15 17 N	38 55 E	2325	31	772.1		15.9		8.1		3	43			108
COMBOLCHA	11 05 N	39 43 E	1916	31	815.3		21.6		12.4		5	49			112
ADDIS ABABA	08 59 N	38 48 E	2324	31	767.0		18.1		9.1		10	131			106
DIRE DAWA	09 36 N	41 52 E	1146	31	884.1		27.3		16.5		5	151			108
ZIMBABWE															
BULAWAYO/GOETZ OBS	20 09 S	28 37 E	1344	31	871.1	1551 Y	16.3	+ 0.4	10.3	+0.8	0	0	- 9	2	107
HARARE (BELVEDERE)	17 50 S	31 01 E	1472			U									
HARARE/KUTSAGA OBS	17 55 S	31 08 E	1480	31	857.4	1549 Y	15.2	- 0.7	10.6	+0.1	0	0	- 11	1	105
CHIPINGA	20 12 S	32 37 E	1132	31	893.2	1550 Y	16.4	+ 0.1	11.8	-0.8	2	20	- 1	4	106
ZAMBIA															
KASAMA	10 13 S	31 08 E	1384		865.0	1531 Y	19.1		15.5		0	0		2	95
KABWE	14 27 S	28 29 E	1207		883.8	1538 Y	17.7		14.7		0	0		3	100
LUSAKA CITY AIRPORT	15 25 S	28 19 E	1280			U									
MONGU	15 15 S	23 10 E	1053		899.2	1534 Y	20.0		14.9		1	2		5	95
LIVINGSTONE	17 49 S	25 49 E	987		907.1	1541 Y	18.6		11.3		0	0		4	105

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		%
AFRICA															
MALAWI															
KAMUZU INT.AP	13 47 S	33 46 E	1229	31	882.4	1533 Y	17.1		14.2		2	19			
CHILEKA	15 41 S	34 58 E	767	31	930.6	1539 Y	20.7	+ 0.6	16.0			0	- 10		115
ANGOLA															
MALANGE	09 33 S	16 22 E	1142	31	1004.4	1015.6	25.3	- 0.5	24.0	0.0	1	2	- 20		115
SEYCHELLES															
SEYCHELLES INTERNATIONAL AP	04 41 S	55 32 E	4			U									
MOZAMBIQUE															
LICHINGA	13 17 S	35 15 E	1365	31	868.6	1546 Y	17.1	- 0.2	15.1	+0.8	1	10	- 12		106
TETE	16 11 S	33 35 E	150	31	1000.1	1017.5	24.4	- 0.1	19.1	-1.0	0	0	- 2		111
NAMPULA	15 06 S	39 17 E	441	31	966.2	1017.0	22.2	- 0.5	20.7	-0.1	2	7	- 11		106
QUELIMANE	17 53 S	36 53 E	16	31	1016.3	1018.2	22.8	- 1.2	22.8	-0.8	5	48	- 31	3	110
BEIRA	19 48 S	34 54 E	16	31	1016.2	1018.0	23.0	- 0.1	21.2	-0.9	3	37	- 25	2	113
INHAMBANE	23 52 S	35 23 E	15	31	1017.1	1018.7	22.5	- 0.5	21.1	-0.1	5	48	- 7	3	113
MAPUTO/MAVALANE	25 55 S	32 34 E	44	31	1013.2	1018.4	22.4	+ 1.0	18.8	+0.4	0	0	- 28		110
OCEAN ISLANDS															
AGALEGA/MAURITIUS	10 26 S	56 45 E	3		1012.4	1012.7	27.4	+ 0.4	8.3	-0.3	11	58	- 73	2	
ILES GLORIEUSES	11 35 S	47 17 E	3		1014.7	1015.2	27.0		27.1		12	131			
SERGE-FROLOW/ILE TROMELIN	15 53 S	54 31 E	13		1013.3	1014.7	26.1		26.1		4	19			
ST. BRANDON/ST. RAPHAEL/	16 27 S	59 37 E	4		1014.5	1014.8	25.6	- 0.3	26.8	+0.1	12	91	+ 27	4	
ILE JUAN DE NOVA	17 03 S	42 42 E	10		1014.3	1015.5	26.5		25.0		4	17			
RODRIGUES/MAURITIUS	19 41 S	63 25 E	59		1010.6	1016.9	24.3	+ 0.1	23.7	+0.8	11	75	- 37	2	97
VACOAS/MAURITIUS	20 18 S	57 30 E	425			U									
PLAISANCE/MAURITIUS	20 26 S	57 40 E	57		1010.9	1017.2	23.2	+ 0.2	22.5	-0.4	16	157	- 8	4	87
ST. DENIS/GILLOT, REUNION	20 53 S	55 31 E	25		1014.6	1017.5	23.1		21.3		12	170			90
ILE EUROPA	22 19 S	40 20 E	13		1016.1	1017.6	23.9		21.7		2	10			100
MARTIN DE VIVIES (ILE AMSTER	37 48 S	77 32 E	29		1013.3	1016.8	14.6		14.1		13	111			
ALFRED FAURE (ILES CROZET)	46 26 S	51 52 E	142		985.6	1002.9	3.9		6.7		24	238			
PORT-AUX-FRANCAIS/KERGUELEN	49 21 S	70 15 E	30		991.7	995.3	3.3		6.2		14	94			
SOUTH AFRICA															
UPINGTON	28 24 S	21 16 E	800	31	926.9	1538 Y	18.3	+ 3.4	6.7	-1.2	0	0	- 11	1	109
PIETERSBURG	23 52 S	29 27 E	1200	31	886.4	1553 Y	15.4	+ 0.9	10.5	0.0	1	3	- 8	3	106
PRETORIA	25 44 S	28 11 E	1300	31	875.7	1552 Y	16.7	+ 2.3	8.8	-1.6	0	0	- 22	1	110
PRETORIA/IRENE	25 55 S	28 13 E	1500			U									
JAN SMUTS	26 08 S	28 14 E	1700	31	835.4	1553 Y	15.5	+ 3.2	7.7	-0.2	0	0	- 20	1	106
BLOEMFONTEIN/J.B.M. HERTZOG	29 06 S	26 18 E	1400	31	865.4	1550 Y	12.9	+ 2.6	5.2	-2.6	0	0	- 23	1	115
KIMBERLEY	28 48 S	24 46 E	1200	31	885.7	1547 Y	15.5	+ 2.2	6.0	-2.4	0	0	- 20	1	114
ALEXANDER BAY	28 34 S	16 32 E		31	1013.5	1016.2	15.2	- 0.1	13.4	+1.9	0	0	- 8	1	103
CAPE TOWN/D.B.MALAN	33 58 S	18 36 E		31	1011.2	1017.0	15.6	+ 1.5	14.3	+1.2	8	53	- 25	2	105
PORT ELIZABETH	33 59 S	25 36 E		31	1009.6	1016.9	17.0	+ 1.3	14.0	+0.6	3	42	- 23	3	76
EAST LONDON	33 02 S	27 50 E		31	1001.9	1016.9	18.2	+ 1.3	14.5	+0.7	2	9	- 45	1	117
DURBAN/LOUIS BOTHA	29 58 S	30 57 E		31	1016.0	1017.6	19.7	+ 1.1	16.3	-0.3	0	1	- 74	0	114
GOUGH ISLAND	40 21 S	09 53 W		31	1001.7	1008.1	11.8	+ 0.6	10.9	-0.5	29	266	- 34		85
MARION ISLAND	46 53 S	37 52 E		31	1000.6	1003.3	4.4	- 0.5	6.5	-0.6	22	266	+ 31		137
ASIA															
USSR-EASTERN															
OLENEK	68 30 N	112 26 E	127			U									
VERHOJANSK	67 33 N	133 23 E	137			U									
CITA	52 01 N	113 20 E	685			U									
HONG KONG															
ROYAL OBSERVATORY	22 18 N	114 10 E	62	31	1000.3	1007.5	25.9	0.0	28.2	+0.4	14	379	+ 81	4	91
KINGS PARK	22 19 N	114 10 E	66			U									
MACAO															
MACAO	22 12 N	113 32 E	59		1000.5	1007.2	26.4		28.3		9	382		5	
DEM PEOPLE'S REP OF KOREA															
CHUN GGANG	41 47 N	126 53 E	332		969.0	1007.3	13.9		9.7		7	103		4	
HYESAN	41 24 N	128 10 E	714		924.8	1008.9	11.7		7.7		3	75			
KIMCHAEK	40 40 N	129 12 E	23		1004.9	1007.7	11.4		10.9		5	53			
SINUIJU	40 06 N	124 23 E	7		1008.2	1009.2	15.4		11.7		5	42		2	
WONSAN	39 11 N	127 26 E	36		1004.1	1008.4	15.8		11.8		7	53		2	
PYONGYANG	39 02 N	125 47 E	38		1004.9	1009.4	16.0		11.9		10	51		3	
HAEJU	38 02 N	125 42 E	81		999.4	1009.0	15.7		11.6		6	59		2	
REPUBLIC OF KOREA															
KANGNUNG	37 45 N	128 54 E	27	31	1005.1	1008.3	17.6	+ 0.1	11.2	-0.8	7	40	- 32	2	120
INCHON	37 29 N	126 38 E	70	31	1000.6	1009.0	15.5	- 0.2	12.2	-0.3	7	77	+ 4	4	119
PUSAN	35 06 N	129 02 E	71	31	1001.2	1009.5	17.4	+ 0.3	13.7	0.0	7	193	+ 38	4	121
MOKPO	34 47 N	126 23 E	56	31	1003.8	1010.4	16.5	- 0.4	13.6	-0.7	6	108	+ 5	3	118
JAPAN															
WAKKANAI	45 25 N	141 41 E	11	31	1005.8	1007.2	8.4	- 0.3	8.5	-0.2	6	70	- 6	4	
ASAHIKAWA	43 46 N	142 22 E	116	31	993.9	1007.8	10.6	- 0.9	8.7	-0.2	14	85	+ 11	4	
ABASHIRI	44 01 N	144 17 E	43	31	1002.6	1007.8	9.2	- 0.2	8.4	0.0	12	80	+ 13	4	

SURFACE DATA

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	° '	° '	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
JAPAN															
SAPPORO	43 03 N	141 20 E	19	31	1005.7	1007.9	11.4	- 0.6	8.8	-0.5	11	48	- 11	3	
NEMURO	43 20 N	145 35 E	26	31	1005.2	1008.3	7.9	+ 0.6	8.6	+0.1	14	123	+ 19	4	
URAKAWA	42 10 N	142 47 E	33	31	1004.7	1008.7	8.5	- 0.9	9.2	-0.4	15	158	+ 51	5	
AKITA	39 43 N	140 06 E	10	31	1008.8	1010.0	13.8	- 0.3	10.9	-0.9	12	115	- 2	3	
MIYAKO	39 39 N	141 58 E	47	31	1003.8	1009.4	12.9	- 0.4	9.9	-0.9	9	117	+ 17	4	
SENDAI	38 16 N	140 54 E	43	31	1005.0	1010.2	14.5	- 0.4	11.2	-0.8	9	145	+ 36	4	
WAJIMA	37 23 N	136 54 E	6	31	1009.1	1009.9	14.8	- 0.4	12.0	-1.0	15	130	+ 3	4	
NIIGATA	37 55 N	139 03 E	6	31	1009.4	1010.2	15.6	- 0.3	11.5	-1.4	11	74	- 17	2	
KANAZAWA	36 33 N	136 39 E	28	31	1006.8	1010.1	16.6	- 0.2	12.4	-1.2	13	178	+ 32	4	
MATSUMOTO	36 15 N	137 58 E	611	31	939.3	1009.1	14.9	- 0.4	10.1	-0.7	7	89	- 7	3	
MAEBASHI	36 24 N	139 04 E	113	31	996.6	1009.8	17.0	- 0.1	12.0	-0.9	8	143	+ 42	5	
NAGOYA	35 10 N	136 58 E	56	31	1003.6	1010.1	17.9	- 0.1	13.2	-1.1	11	210	+ 48	5	
TATENO	36 03 N	140 08 E	31			U									
CHOSHI	35 43 N	140 51 E	28	31	1007.0	1010.3	15.5	- 1.5	14.7	-1.0	12	170	+ 6	3	
OMAEZAKI	34 36 N	138 13 E	47	31	1004.3	1009.8	17.4	- 0.5	15.6	-0.8	11	296	+ 56	4	
TOKYO	35 41 N	139 46 E	36	31	1005.6	1009.8	17.9	- 0.5	14.1	-0.2	11	210	+ 62	5	
HACHIJOJIMA	33 06 N	139 47 E	80	31	1000.7	1010.1	18.6	- 0.6	17.2	-0.8	12	299	+ 19	4	
HACHIJOJIMA/OMURE	33 07 N	139 47 E	153			U									
YONAGO	35 26 N	133 21 E	8	31	1008.7	1009.6	16.7	- 0.2	13.6	-0.3	11	153	+ 27	4	
HIROSHIMA	34 22 N	132 26 E	30	31	1006.2	1009.7	17.6	0.0	15.1	+0.5	12	266	+105	5	
OSAKA	34 41 N	135 31 E	50	31	1004.2	1010.1	18.6	- 0.6	14.1	-0.2	13	225	+ 84	5	
SHIONOMISAKI	33 27 N	135 46 E	75	31	1001.0	1009.7	18.7	0.0	16.8	+0.2	11	352	+ 64	4	
IZUHARA	34 12 N	129 18 E	22	31	1007.1	1009.7	17.6	+ 0.3	15.0	+0.6	10	413	+194	5	
FUKUOKA	33 35 N	130 23 E	14	31	1007.8	1009.5	18.9	+ 0.5	15.7	+0.4	13	240	+ 96	5	
OITA	33 14 N	131 37 E	13	31	1008.0	1009.5	18.0	+ 0.1	15.3	-0.2	12	207	+ 47	4	
NAGASAKI	32 44 N	129 52 E	35	31	1005.5	1009.7	19.2	+ 0.4	16.5	+0.4	11	271	+ 67	4	
KAGOSHIMA	31 34 N	130 33 E	5	31	1009.0	1009.6	20.4	+ 0.6	16.9	-0.7	11	232	- 43	2	
KAGOSHIMA/YOSHINO	31 38 N	130 35 E	283			U									
MIYAZAKI	31 55 N	131 25 E	7	31	1008.4	1009.2	20.0	+ 0.7	17.2	-0.6	12	323	+ 30	4	
KOCHI	33 33 N	133 32 E	18	31	1007.7	1009.7	18.9	- 0.2	15.6	-0.8	11	279	+ 2	3	
SHIMIZU/ASHIZURI	32 43 N	133 01 E	33	31	1005.6	1009.4	19.7	- 0.1	17.4	0.0	11	329	+ 50	4	
NAZE	28 23 N	129 30 E	7	31	1009.2	1010.1	22.6	+ 0.1	20.5	-1.0	6	140	-224	0	
NAZE/FUNCHATOGE	28 23 N	129 33 E	295			U									
ISHIGAKIJIMA	24 20 N	124 10 E	7	31	1008.1	1008.9	25.3	- 0.4	26.1	-1.7	15	256	+ 37	4	
MIYAKOJIMA	24 47 N	125 17 E	41	31	1004.5	1009.2	24.5	- 0.3	24.9	-1.7	6	246	+ 34	4	
NAHA	26 14 N	127 41 E	36	31	1005.5	1009.6	23.4	- 0.3	22.4	-2.1	6	138	-111	2	
MINAMIDAITOJIMA	25 50 N	131 14 E	15	31	1008.2	1010.1	23.8	- 0.2	23.8	-1.5	7	33	-157	0	
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									
JORDAN															
H-4 'IRWAISHED'	32 30 N	38 12 E	688	31	931.4	1008.0	20.6	- 2.1	10.3	+1.9	2	4	- 2	4	102
MAFRAQ	32 22 N	36 15 E	687			U									
AMMAN AIRPORT	31 59 N	35 59 E	768	31	922.9	1010.2	18.0	- 2.9	10.8	+1.3	2	8	+ 3	4	95
MA'AN	30 10 N	35 47 E	1070	31	892.1	1512 Y	17.9	- 3.0	9.4	+0.5	0	1	- 1	4	103
KUWAIT															
KUWAIT INTL AIRPORT	29 13 N	47 59 E	55	31	1001.7	1008.1	32.0	+ 0.8	11.6	-0.5	2	6	+ 1		99
SAUDI ARABIA															
WEJH	26 12 N	36 28 E	21		1007.0	1009.4	25.7		19.0		0	0			
YENBO	24 09 N	38 07 E	8		1007.0	1007.7	28.6		16.8		0	0			
JEDDAH (KING ABDULAZIZ) AP	21 40 N	39 09 E	18		1005.6	1006.4	28.7		19.8		0	0			
MAKKAH	21 29 N	39 50 E	310		980.6	1014.9	32.3		7.7						
RAFHA	29 38 N	43 29 E	447		959.2	1008.6	35.4		12.7		1	3			
AL-JOUF	29 48 N	40 04 E	559		932.8	1008.9	24.5		6.5		0	0			
GIZAN	16 54 N	42 35 E	3		1005.7	1006.0	31.6		30.4						
ARAR	30 54 N	41 08 E	552		946.6	1007.7	25.1		5.9		0	0			
TABOUK	28 22 N	36 35 E	776		924.2	1009.3	23.9		7.7		0	0			
TURAIF	31 41 N	38 40 E	818		918.4	1481 Y	20.0		0.7			4			
GURIAT	31 25 N	37 16 E	504		952.6	1009.3	21.2		8.6		0	0		1	
HAIL	27 26 N	41 41 E	1001		899.2	1007.7	25.8		6.4		0	T			
MADINAH	24 33 N	39 42 E	636		936.8	1005.4	30.7		6.8		1	1			
TAIF	21 29 N	40 33 E	1454		854.5	1496 Y	25.2		12.0			7			
KHAMIS MUSHAIT	18 18 N	42 48 E	2057		797.6	1005.5	21.3		13.7		2	90			
ABHA	18 14 N	42 39 E	2093		793.2	1486 Y	20.6		13.7		0	0			
BISHA	19 59 N	42 37 E	1163		884.3	1511 Y	36.7		10.4						
AL BAHA	20 18 N	41 38 E	1662		836.0	1513 Y	25.0		11.5		2	13			
SULAYEL	20 28 N	45 37 E	614		939.6		35.9		8.0						
RIYADH	24 43 N	46 43 E	611		938.4	1004.6	31.9		8.9		0	0			
KING KHALED INT AP	24 56 N	46 43 E	612		940.4	1006.6	31.1		8.0			2			
GASSIM	26 17 N	43 51 E	650		934.4	1004.7	29.6		9.6		1	6			
QAISUMAH	28 20 N	46 07 E	360		967.0	1006.7	30.3		9.5		3	192			
DHAHRAN	26 16 N	50 10 E	17		1003.8	1005.8	32.0		17.4			2			
NEJRAN	17 37 N	44 26 E	1210		877.9	1495 Y	30.7		11.1		0	0			
OMAN															
SUR	22 35 N	59 30 E	6		1005.9	1006.6	33.4		27.6		0	0			
SEEB INTERNATIONAL AP	23 35 N	58 17 E			1004.4	1006.0	36.3		16.6		0	0			

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
OMAN															
MASIRAH	20 40 N	58 54 E			1005.2	1007.4	30.4	+ 0.1	27.9		0	0			
SALALAH	17 02 N	54 05 E	22		1005.8	1008.5	29.8	+ 0.9	30.2		0	0		3	
THUMRAIT	17 44 N	53 56 E			958.1		30.7		17.3		0	0			
UNITED ARAB EMIRATES															
ABU DHABI BATEEN AP	24 26 N	54 28 E	3	31	1005.8	1006.3	32.1	+ 2.1	21.8	-1.4	0	0	- 18	4	106
ABU DHABI INT AIRPORT	24 26 N	54 39 E	27	31	1003.2	1006.0	32.3		19.9		0	0			
AFGHANISTAN															
MAZARI-SHARIF	36 42 N	67 12 E	378	31	967.5	1010.0	26.6	+ 2.1	15.8	+3.2	2	20	+ 9	4	93
KABUL-AIRPORT	34 33 N	69 13 E	1791	31	819.3	1474 Y	17.8	+ 0.5	8.2	-0.8	3	28	+ 5	4	111
KANDAHAR-AIRPORT	31 30 N	65 51 E	1010	31	896.3	1005.0	25.2	- 0.2	11.8	+2.9	1	3	+ 1	5	94
HERAT	34 13 N	62 13 E	964	31	903.0	1008.6	23.1	+ 1.0	10.4	-0.4	0	0	- 10	1	100
CHAKHCHARAN	34 32 N	65 16 E	2230	31	776.5	1470 Y	12.4	- 0.4	6.4	-0.2	1	4	- 25	1	107
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	939.3	1482 Y	15.8	- 2.1	11.1	-1.2	10	50	- 13	2	90
AMRITSAR	31 38 N	74 52 E	234	31	976.5	1002.4	27.2	- 2.9	18.4	+5.1	6	29	+ 18		97
MUKTESWAR KUMAON	29 28 N	79 39 E	2311	31	770.9	3121 Z	15.3	- 3.4	10.5	+1.6	11	145	+ 94	5	
BIKANER	28 00 N	73 18 E	224	32	977.4	1001.8	33.4	- 1.2	12.0	-1.3	4	20	+ 13	5	
NEW DELHI/SAFDARJUNG	28 35 N	77 12 E	216	31	977.7	1001.5	30.7	- 2.8	19.4	+5.9	3	23	+ 15	5	114
AGRA	27 10 N	78 02 E	169	31	982.5	1001.0	32.6	- 1.9	17.8	+2.4	2	34	+ 24	5	
DARJEELING	27 03 N	88 16 E	2128	31	787.9	1496 Y	13.9	- 1.8	13.6	-1.7	14	163	- 24	3	
DIBRUGARH/MOHANBARI	27 29 N	95 01 E	111	31	993.1	1005.5	26.4	+ 1.1	25.1	-0.8	7	87	-269	0	
JODHPUR	26 18 N	73 01 E	224	31	977.5	1001.3	34.0	- 0.4	14.3	-1.2	4	51	+ 45	6	
LUCKNOW/AMAUSI	26 45 N	80 53 E	128			U									
DARBHANGA	26 10 N	85 54 E	49	31	998.3	1003.8			26.5	+0.5	8	140	+ 83	6	
GAUHATI	26 06 N	91 35 E	54	31	998.9	1005.0	26.7	0.0	25.7	-2.1	10	89	-185	0	
KOTA AERODROME	25 09 N	75 51 E	274	31	971.5	1001.1	35.9	+ 0.6	14.0	+3.1	4	26	+ 20	5	
ALLAHABAD/BAMHRAULI	25 27 N	81 44 E	98	31	990.6	1001.3	31.5	- 3.2	18.1	+2.8	7	73	+ 65	6	
CHERRAPUNJI	25 15 N	91 44 E	1313	31	865.6	1474 Y	18.9	- 0.3	18.1	-2.0	17	154	-1551	0	
DALTONGANJ	24 03 N	84 04 E	221	31	976.5	1001.2	32.3	- 1.6	20.1	+3.6	3	13	0	4	
AHMADABAD	23 04 N	72 38 E	55	31	998.9	1004.5	33.7	+ 0.2	20.5	-2.0	1	10	+ 5	5	100
SAGAR	23 51 N	78 45 E	551	31	942.1	1000.9	32.9	- 1.0	10.9	-2.1	4	11	+ 3	4	
DWARKA	22 22 N	69 05 E	11	31	1004.3	1005.7	29.7	+ 0.6	32.0	-0.1	0	0	0	5	
INDORE	22 43 N	75 48 E	567	31	941.9	1002.5	32.2	- 0.1	13.7	-1.8	1	2	- 11	3	
CALCUTTA/ALIPORE	22 32 N	88 20 E	6	31	1003.3	1004.0	29.9	- 1.2	29.6	-2.3	11	148	+ 27	4	88
CALCUTTA/DUM DUM	22 39 N	88 27 E	6			U									
NAGPUR/SONEGAON	21 06 N	79 03 E	310	31	968.0	1001.3	34.9	- 0.7	12.7	-3.2	2	27	+ 14	5	94
VERAVAL	20 54 N	70 22 E	8	31	1005.3	1006.1	29.4	+ 0.9	33.2	+0.6	0	0	- 5	4	
AKOLA	20 42 N	77 02 E	282	31	972.3	1002.7	35.3	0.0	17.9	+2.1	2	3	- 8	3	
BHUBANESWAR	20 15 N	85 50 E	46	31	998.7	1003.8	29.7	- 2.6	31.8	-1.5	6	69	+ 8		
BOMBAY/SANTACRUZ	19 07 N	72 51 E	14			U									
JAGDALPUR	19 05 N	82 02 E	553	31	942.9	1002.1	31.5	0.0	20.7	+0.5	7	30	- 35	2	
BOMBAY/COLABA	18 54 N	72 49 E	11	31	1006.3	1007.5	30.7	+ 0.8	30.3	+0.1	1	1	- 15	3	103
POONA	18 32 N	73 51 E	559	31	945.1	1005.9	29.7	+ 0.2	20.2	+1.6	3	35	0	3	112
HYDERABAD AIRPORT	17 27 N	78 28 E	545	31	944.3	1002.1	33.8	+ 1.5	16.9	-3.9	0	0	- 30	1	105
VISHAKHAPATNAM	17 43 N	83 14 E	3	31	1003.7	1004.1	31.9	0.0	30.5	-6.2	5	37	- 16	3	
MACHILIPATNAM (FRANCHPET)	16 12 N	81 09 E	3	31	1003.3	1003.6	32.3	- 0.2	30.7	-1.6	3	37	+ 1	4	
GOA/PANJIM	15 29 N	73 49 E	60	31	1001.1	1007.9	30.6	+ 0.8	29.3		0	1	- 86	1	
BELGAUM/SAMBRA	15 51 N	74 37 E	747	31	925.7	1006.5	27.9	+ 0.6	22.0	-0.2	4	45	- 78		
MADRAS/MINAMBAKKAM	13 00 N	80 11 E	16	31	1003.0	1004.7	33.4	+ 0.7	28.3	-2.2	0	1	- 51	2	102
PANAMBUR	12 57 N	74 50 E	31			U									
BANGALORE	12 58 N	77 35 E	921	31	907.1	1493 Y	27.9	+ 1.0	19.4	-0.7	10	85	- 32	2	107
KOZHIKODE	11 15 N	75 47 E	5	31	1008.0	1008.5	29.8	+ 0.7	31.3	-0.6	6	57	-266	1	
PORT BLAIR	11 40 N	92 43 E	79	31	998.7	1007.6	27.4	- 0.6	30.0	-0.7	17	295	-101		99
COCHIN/WILLINGDON	09 57 N	76 16 E	3			U									
PAMBAN	09 16 N	79 18 E	11	31	1005.3	1006.5	31.2	+ 1.1	33.0	+0.1	2	28	+ 4	4	
MINICOY	08 18 N	73 09 E	2	31	1008.9	1009.1	29.6	+ 0.8	31.9	+0.2	11	142	- 58	3	
TRIVANDRUM	08 29 N	76 57 E	64	31	1001.3	1008.5	29.1	+ 0.8	31.1	+0.6	7	151	- 98	2	110
MONGOLIA															
ULAN-GOM	49 48 N	92 05 E	936		904.8	1011.0	13.8		7.7		0	0			
ULGI	48 58 N	89 58 E	1714		824.0	1008.5	12.0				1	1			
MUREN	49 38 N	100 10 E	1288		866.9	1009.8	11.7		6.8		4	12			
BULGAN	48 48 N	103 33 E	1210		873.0	1009.5	10.2		7.9		4	22			
CHOIBALSAN	48 04 N	114 30 E	756		924.0	1014.3	11.9		4.1		0	0			
ALTAI	46 24 N	96 15 E	2147		780.1	1005.2	10.4		5.8		0	0			
ULIASTAI	47 45 N	96 51 E	1753		818.6	1007.2	11.1		3.6		6	11			
ARBAIHER	46 16 N	102 47 E	1813		814.0	1007.8	12.2		5.8		2	14			
ULAN-BATOR	47 56 N	106 59 E	1338		862.8	1007.3	12.3				4	8			
MANDALGOVI	45 46 N	106 17 E	1398		855.2	1007.6	13.6		6.4		4	6			
SAINSHAND	44 54 N	110 07 E	936		902.2	1003.7	11.7		9.7		0	T			
DALANZADGAD	43 35 N	104 25 E	1470		848.0	1005.5	16.9		5.2		0	1			

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
BURMA															
MYITKYINA	25 22 N	97 24 E	147		990.9	1007.7	28.0		24.1			5		4	
MANDALAY	21 59 N	96 06 E	76		997.0	1005.6	31.0		30.1			3		1	
MEIKTILA	20 50 N	95 50 E	220			U									
AKYAB	20 08 N	92 53 E	5		1006.9	1007.6	29.4		29.3		5	5		2	
RANGOON	16 46 N	96 10 E	15		1005.8	1007.9	29.3		24.8			27		3	
THAILAND															
UBON RATCHATHANI	15 15 N	104 52 E	127			U									
MALAYSIA															
KUALA LUMPUR/PETALING JAYA	03 06 N	101 39 E	57			U									
SINGAPORE															
SINGAPORE/CHANGI AIRPORT	01 22 N	103 59 E	16	31	1007.1	1008.9	28.2		31.0		13	145		2	105
CHINA															
HAILAR	49 13 N	119 45 E	611		936.7	1008.0	10.8		5.2		1	2		1	110
QIQIHAR	47 23 N	123 55 E	148		988.3	1005.7	14.3		7.4		2	48		4	115
ALTAY	47 44 N	88 05 E	737		928.6	1012.3	17.0		7.8		1	3		1	95
URUMQI	43 47 N	87 37 E	919		910.1	1013.1	17.5		8.2		7	37		4	95
YINING	43 57 N	81 20 E	663		939.2	1015.1	17.1		11.0		4	34		4	100
YANJI	42 53 N	129 28 E	178		985.5	1006.6	13.8		9.0		11	121		5	100
HAMI	42 49 N	93 31 E	739		923.8	1005.5	22.6		7.5		0	T		3	95
SHENYANG	41 46 N	123 26 E	43		1002.9	1008.0	17.0		9.9		6	30		1	100
BEIJING	39 56 N	116 17 E	55		1001.7	1008.0	21.3		11.7		1	5		1	100
JIUQUAN	39 46 N	98 29 E	1478		849.1	1008.2	17.5		7.4		1	7		4	100
KASHI	39 28 N	75 59 E	1291		868.0	1007.5	19.8		7.6		2	3		3	120
RUOQIANG	39 02 N	88 10 E	889		908.0	1005.7	22.1		7.3		1	7		5	105
YINCHUAN	38 29 N	106 13 E	1112		885.7	1007.6	19.1		9.8		1	2		1	100
TAIYUAN	37 47 N	112 33 E	779		921.7	1009.2	18.8		11.2		6	35		4	90
HOTAN	37 08 N	79 56 E	1375		858.7	1006.1	20.1		7.5		1	4		3	100
DULAN	36 18 N	98 06 E	3192		691.4		8.5		5.3		9	58		5	90
QINGDAO	36 04 N	120 20 E	77		1000.7	1009.9	16.7		12.3		5	24		2	125
LANZHOU	36 03 N	103 53 E	1518		845.3		18.0		9.5		5	72		5	85
ZHENGZHOU	34 43 N	113 39 E	111		995.6	1008.6	21.9		15.8		8	74		5	115
XI'AN	34 18 N	108 56 E	398		963.2	1008.8	20.7		16.4		3	25		1	80
SHANGHAI	31 10 N	121 26 E	5		1009.3	1010.1	19.9		16.6		7	71		1	140
YICHANG	30 42 N	111 18 E	134		993.6	1009.1	23.4		19.1		6	45		0	145
CHENGDU	30 40 N	104 01 E	508		951.7	1009.1	21.5		19.3		8	126		4	105
LHASA	29 40 N	91 08 E	3650		651.3		11.8		4.8		4	19		3	105
NANCHANG	28 36 N	115 55 E	50		1002.9	1008.2	23.9		20.6		5	53		0	195
XICHANG	27 54 N	102 16 E	1599		834.9		21.6		13.2		9	48		2	120
ZHIJIANG	27 27 N	109 41 E	273		977.6	1009.0	21.9		20.3		6	48		1	155
GANZHOU	25 51 N	114 57 E	125		993.5	1007.9	24.8		23.2		13	79		1	
TENGCHONG	25 07 N	98 29 E	1649		832.3		18.4		14.5		7	20		0	140
KUNMING	25 01 N	102 41 E	1892		803.0		19.0		15.4		9	71		2	80
SHANTOU	23 24 N	116 41 E	3		1007.7	1008.6	24.0		25.0		14	215		4	90
GUANGZHOU	23 08 N	113 19 E	8		1006.4	1007.3	26.2		27.4		15	231		2	85
NANNING	22 49 N	108 21 E	73		998.1	1006.4	25.9		26.9		11	269		5	90
MENGZI	23 23 N	103 23 E	1302		865.6	1005.0	21.6		19.5		14	114		4	85
HAIKOU	20 02 N	110 21 E	15		1004.7	1006.4	27.0		29.6		11	161		3	90
PHILIPPINES															
BASCO	20 27 N	121 58 E	11	31	1006.0	1007.2	27.5	- 0.4	33.6	+1.9	22	646	+514	6	
APARRI	18 22 N	121 38 E	4	31	1005.6	1005.9	28.1	- 0.3	31.7	+1.9	12	113	+ 20	4	
DAGUPAN	16 03 N	120 20 E	2	31	1007.9	1008.1	29.1	+ 0.2	29.8	0.0	17	203	- 28	3	
MANILA INT. AIRPORT	14 31 N	121 00 E	15	31	1007.8	1009.0	29.5	+ 0.3	29.8	+1.7	13	129	+ 4	4	
TAYABAS	14 02 N	121 35 E	158	31	990.2	1008.7	27.0	- 0.6	24.9	-4.9	11	74	-197		
DAET	14 08 N	122 59 E	4	31	1007.2	1007.7	29.3	+ 1.3	29.8	0.0	9	77	- 61	2	
CALAPAN	13 25 N	121 11 E	40	31	1007.4	1012.0	28.8	+ 1.0			6	18	-141		
LEGASPI	13 08 N	123 44 E	17	31							12	80	-113	1	
CATARMAN	12 29 N	124 38 E	6	31	1006.2	1006.9	29.5	+ 2.2			8	35	-110		
CATBALOGAN	11 47 N	124 53 E	5	31	1006.9	1007.5	29.4	+ 1.3	31.7	+1.9	9	106	- 70	2	
TACLOBAN	11 15 N	125 00 E	21	31	1007.7	1008.0	28.7	+ 1.0	31.7	+1.9	6	86	- 61	2	
ILOILO	10 42 N	122 34 E	8	31	1008.5	1009.4	29.5	+ 1.1	31.7	+1.9	10	70	- 52	2	
MACTAN	10 18 N	123 58 E	9	31	1007.9	1009.3	29.5	+ 0.2	31.7	+1.9	2	9	- 49		
SURIGAO	09 48 N	125 30 E	10	31	1002.3	1008.6	28.6	+ 1.1	31.7	0.0	11	144	- 23	3	
PUERTO PRINCESA	09 45 N	118 44 E	16	31	1006.7	1008.5	28.1	+ 0.3	29.8	-1.9	9	77	- 73		
DIPLOG	08 36 N	123 21 E	5	31	1008.3	1008.9	29.6	+ 1.8			9	77	-114	1	
TAGBILARAN	09 36 N	123 51 E	6	31	1011.2	1011.9	28.8	+ 0.8	28.1	-1.7	7	12	- 69		
CAGAYAN DE ORO	08 29 N	124 38 E	6	31	1007.1	1007.8	29.1	+ 1.1	31.7	+1.9	4	76	- 35		
DAVAO AIRPORT	07 07 N	125 39 E	25	31	1006.8	1008.8	28.6	+ 1.1	31.7	+1.9	11	103	-115		
ZAMBOANGA	06 54 N	122 04 E	6	31	1008.8	1009.5	29.2	+ 1.9	29.8	0.0	13	35	- 58	1	
AUSTRALASIA															
NEW ZEALAND															
AUCKLAND AERODROME	37 01 S	174 48 E	6		1016.8	1017.6	14.0		13.5		13	115		2	126
GISBORNE AERODROME	38 40 S	177 59 E	8		1015.6	1016.6	12.0		10.8		12	62		2	103
NEW PLYMOUTH AERODROME	39 01 S	174 11 E	36		1013.0	1016.8	12.3		11.8		16	147		3	106
WELLINGTON	41 17 S	174 46 E	128		999.4	1015.0	11.9		11.1		14	83		2	118
CHRISTCHURCH AERODROME	43 29 S	172 33 E	34		1009.5	1013.8	8.9		9.3		7	29		1	135

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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		%
AUSTRALASIA															
NEW ZEALAND															
HOKITIKA AERODROME	42 43 S	170 59 E	40		1010.2	1015.6	10.0		10.2		13	188		2	83
INVERCARGILL AERODROME	46 25 S	168 20 E	1		1012.2	1012.4	8.4		9.1		16	133		5	78
NORTH PACIFIC															
LIHUE, KAUAI, HAWAII	21 59 N	159 21 W	45	31	1011.5	1016.9	24.6	+ 0.4	23.1		8	66	- 10	3	120
HONOLULU, OAHU, HAWAII	21 20 N	157 56 W	5	31	1015.9	1016.3	25.7	+ 0.4	21.0		3	21	- 10	3	110
HILO/GEN. LYMAN, HAWAII	19 43 N	155 04 W	11	31	1015.6	1016.8	24.1	+ 1.0	21.9		21	219	- 20	3	117
WAKE ISLAND	19 17 N	166 39 E	4	31	1013.9	1014.4	26.4	- 0.3	23.9		7	11	- 36	1	99
GUAM, TAGUAC, MARIANA IS.	13 33 N	144 50 E	111	31	997.1	1009.7	26.3	- 0.2	29.0		21	197	+ 35	5	39
YAP, CAROLINE ISLANDS	09 29 N	138 05 E	17	31	1007.5	1009.2	27.6	0.0	31.4		13	244	- 9	3	96
KWAJALEIN, MARSHALL IS.	08 44 N	167 44 E	8	31	1008.8	1009.6	27.9	+ 0.3	30.6		22	238	- 47	3	
TRUK, CAROLINE ISLANDS	07 28 N	151 51 E	2	31	1008.8	1009.0	28.3	+ 0.8	31.1		18	276	-121	1	68
KOROR, PALAU ISLANDS	07 20 N	134 29 E	33	31	1005.8	1009.6	28.5	+ 0.6	31.2		21	311	- 22	3	114
MAJURO, MARSHALL ISLANDS	07 05 N	171 23 E	3	31	1009.5	1009.8	27.6	+ 0.4	30.9		15	379	+ 67	4	112
PONAPE/POHNPEI, CAROLINE ISL	06 58 N	158 13 E	46	31	1002.7	1007.8	27.0	- 0.1	29.8		27	720	+203	5	95
TARAWA, GILBERT ISLANDS	01 21 N	172 55 E	4		1008.7	1009.1	28.2		30.6		4	24		1	
SOUTH PACIFIC															
FUNAFUTI, ELLICE IS.	08 31 S	179 13 E	2		1009.0	1009.2	28.2		31.3		20	183		2	
ATUONA, MARQUESAS ISLAND	09 48 S	139 02 W	52	31	1005.6	1011.6	26.2		27.5		20	134		4	95
HIHIFO/AERO/WALLIS IS.	13 14 S	176 10 W	27	31	1007.6	1010.7	26.5	0.0	29.1	-0.2	17	247	- 84	3	87
APIA, SAMOA	13 48 S	171 47 W	2		1010.8	1011.1	26.2		28.6		19	279		5	72
PAGO PAGO, SAMOA	14 20 S	170 43 W	3	31	1011.2	1011.4	27.0	+ 0.4	29.4		20	313	+ 41	4	68
RANGIROA	14 58 S	147 40 W	4	31	1012.1	1012.5	27.7		28.4		12	60		2	110
TAKAROA, TUAMOTU IS.	14 29 S	145 02 W	3	31	1012.0	1012.3	27.7		28.4		6	18		1	110
PUKA-PUKA, TUAMOTU IS.	14 48 S	138 49 W	3	31	1012.3	1012.7	27.3		27.9		5	20		0	120
HAO, TUAMOTU IS.	18 04 S	140 57 W	3	31	1013.1	1013.5	26.5		27.3		15	113		4	100
HERE HERETUE, TUAMOTU IS.	19 52 S	145 00 W	3	31	1013.1	1013.5	25.7		26.6		17	264		5	80
BORA-BORA, SOCIETY IS.	16 27 S	151 45 W	3	31	1011.8	1012.1	26.9		28.8		14	223		5	90
TAHITI, SOCIETY IS.	17 33 S	149 37 W	2	31	1012.1	1012.4	26.0		26.9		15	206		5	85
NANDI, FIJI IS.	17 45 S	177 27 E	18		1010.4	1012.5	23.3		22.1		4	35		1	97
NAUSORI	18 03 S	178 34 E	7		1011.9	1013.2	23.3		23.9		16	130		1	
KOUMAC/NOUVELLE-CALEDONIE	20 34 S	164 17 E	18	31	1011.6	1013.7	22.6	+ 0.3	21.2	+0.3	6	176	+100	5	90
NOUMEA/NOUVELLE-CALEDONIE	22 17 S	166 27 E	72	31	1009.3	1015.5	22.1	+ 0.1	20.3	-0.3	8	195	+101	5	102
RAROTONGA, COOK IS.	21 12 S	159 49 W	7		1013.3	1014.1	22.9		22.6		12	219		4	90
RIKITEA, GAMBIER IS.	23 08 S	134 58 W	89	31	1005.3	1015.5	22.8		22.8		18	151		4	70
MUROROA	21 49 S	138 49 W	3	31	1014.7	1015.0	24.8		25.1		14	252		6	85
TUBAI, AUSTRAL IS.	23 21 S	149 29 W	3	31	1014.0	1014.3	22.5		22.1		14	180		4	90
RAPA, AUSTRAL IS.	27 37 S	144 20 W	2	31	1015.2	1015.5	20.3		18.2		14	120		2	100
RAOUL IS.,KERMADEC IS.	29 15 S	177 55 W	49		1012.8	1018.6	19.1		16.7		13	139		3	112
CHATHAM ISLAND	43 57 S	176 34 W	48		1006.9	1012.7	10.9		11.5		14	49		0	71
CAMPBELL ISLAND	52 33 S	169 09 E	19		1000.9	1003.2	6.2		7.6		23	92		1	95

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		%
FEBRUARY 1986															
SOUTH AMERICA															
BRAZIL-NORTHERN															
BOM JESUS DA LAPA	13 16 S	43 25 W	440		961.2	1012.1	26.0		25.0		6	45			
AUSTRALASIA															
INDONESIA															
JAKARTA/OBS	06 11 S	106 50 E	8	28	1010.3		26.4	+ 1.1				240	+ 5		
MARCH 1986															
SOUTH AMERICA															
VENEZUELA															
MARACAIBO-LA CHINITA	10 34 N	71 44 W	65	31	1002.6	1010.2	27.1	- 0.2	24.2						100
MARACAY-B.A. SUCRE	10 15 N	67 39 W	437	31	962.0	1010.6	25.3	+ 0.2	22.2		0	T	- 2		101
CARACAS/LA CARLOTA	10 30 N	66 53 W	835	31	920.9	1525 Y	21.2	- 0.4	19.6		1	11	- 3		89
BARCELONA	10 07 N	64 41 W	7	31	1012.0	1012.8	26.6	0.0	22.7		1	1	- 2		101
CIUDAD BOLIVAR	08 09 N	63 33 W	48	31	1006.7	1010.9	27.0	- 1.0	22.7		0	T			106
SAN ANTONIO DEL TACHIRA	07 51 N	72 27 W	378	31	969.3	1011.6	28.7	+ 3.3	24.4		3	27	- 11		95
MERIDA	08 36 N	71 11 W	1498	31	852.7	1524 Y	18.4	- 0.6	15.9		5	38	- 15		91
SANTA ELENA DE UAIREN	04 36 N	61 07 W	907	31	909.5	1461 Y	22.1	0.0	20.9		10	57	- 9		106
BRAZIL-NORTHERN															
SALVADOR	13 01 S	38 31 W	51		1005.7	1011.4	28.2	+ 1.6	28.4	+0.7	22	107	- 46	2	
EUROPE															
GERMAN DEMOCRATIC REP															
WARNEMUNDE	54 11 N	12 05 E	10	31	1013.6	1014.8	2.7	0.0	6.2	-0.1	9	32	- 1	3	69
GREIFSWALD	54 06 N	13 24 E	6	31	1014.8	1015.6	2.1	- 0.3	5.9	-0.2	11	31	+ 1	4	74
POTSDAM	52 23 N	13 04 E	94	31	1003.8	1016.3	3.0	- 0.3	5.8	-1.0	6	53	+ 21	4	73
LINDENBERG	52 13 N	14 07 E	112	31	1002.7	1016.7	3.0	0.0	6.1	+0.2	8	50	+ 16	4	77
LEIPZIG-SCHKEUDITZ	51 25 N	12 14 E	133	31	999.6	1016.2	3.2	- 0.2	6.3	0.0	8	50	+ 16	4	74
DRESDEN-KLOTZSCHE	51 08 N	13 47 E	226	31	988.9	1016.9	3.8	+ 0.6	6.0	0.0	8	49	+ 12		71
GORLITZ	51 10 N	14 57 E	238	31	988.0	1017.5	3.0	+ 0.7	5.9	-0.1	5	26	- 18	2	80
ERFURT-BINDERSLEBEN	50 59 N	10 58 E	323	31	976.4	1016.2	2.7	- 0.1	6.2	+0.1	10	60	+ 32	5	80
MEININGEN	50 34 N	10 23 E	453	31	961.1	1016.4	2.0	+ 0.5	5.4	-0.3	11	100	+ 67		
FICHTELBERG	50 26 N	12 57 E	1215	31	874.4	1440 Y	- 2.7	- 0.2	4.8	+0.1	12	65	- 14	4	71
POLAND															
SZCZECIN	53 24 N	14 37 E	3	31	1015.4	1016.2	2.5	+ 0.3	5.9	+0.2	9	56	+ 30		
GDANSK-SWIBNO	54 20 N	18 56 E	9	31	1017.9	1019.0	1.3	+ 0.4	5.8	+0.6	6	25	+ 6		
POZNAN	52 25 N	16 50 E	92	31	1007.2	1017.7	2.7	+ 1.1	5.9	+0.4	5	29	+ 4		
WARSZAWA-OKECIE	52 10 N	20 58 E	107	31	1007.6	1021.1	1.9	+ 1.3	5.7	+0.6	6	17	- 3		
BIALYSTOK	53 06 N	23 10 E	151	31	1003.3	1022.4	0.7	+ 1.7	5.3	+0.6	6	18	- 10		
WROCLAW II	51 06 N	16 53 E	121	31	1003.5	1018.6	2.8	+ 0.5	5.9	+0.3	6	19	- 8		
KRAKOW/BALICE	50 05 N	19 48 E	237	31	990.6	1020.2	1.9	+ 0.6	5.6	+0.1	6	16	- 15		
PRZEMYSL	49 48 N	22 46 E	280	31	987.3	1022.2	2.1	+ 1.0	5.6	+0.6	2	12	- 15		
AFRICA															
SUDAN															
DONGOLA	19 10 N	30 29 E	226	31	983.3	1009.7	25.8	- 1.7	7.1	+0.7	0	0		5	
PORT SUDAN	19 35 N	37 13 E	2	31	1009.9	1010.3	22.9	+ 0.4	23.3	+1.3	2	24		5	
KHARTOUM	15 36 N	32 33 E	380	31	962.9	1006.6	25.1	- 3.3	5.6	+1.7	0	0		5	
EL OBEID	13 10 N	30 14 E	574	31	944.0	1007.1	28.7	- 1.2	4.5	+0.3	0	0		5	
EL FASHER	13 37 N	25 20 E	730	31	928.2	1008.1	27.2	- 1.6	6.6	-0.1	0	0		5	
DAMAZINE	11 47 N	34 23 E	470	31	951.5	1003.9	31.3	- 0.6	8.9	+0.6	0	T		5	
MALAKAL	09 33 N	31 39 E	388	31	963.6	1006.4	32.2	- 1.5	12.4	-0.3	0	0		4	
WAU	07 42 N	28 01 E	438	31	956.3	1005.4	30.5	- 0.2	16.8	-2.3	2	2		3	
JUBA	04 52 N	31 36 E	457	31	955.2	1005.5	28.1	+ 1.9	21.4	-2.1	11	42		0	
UPPER VOLTA															
DORI	14 02 N	00 02 W	277	31	976.9	1007.4	31.1	+ 1.1	13.1	+4.0	0	0	0	3	57
OUAHIGOUYA	13 34 N	02 25 W	336	31	970.2	1006.9	31.6	+ 1.3	8.0	-1.2	0	0	- 3	3	
OUAGADOUGOU	12 21 N	01 31 W	306	31	973.0	1006.4	32.1	+ 1.0	11.1	-0.5	0	0	- 4	2	68
FADA N GOURMA	12 02 N	00 22 E	309	31	972.8	1006.6	32.2	+ 1.4	12.6	+0.5	0	0	- 14	2	58
BOROMO	11 45 N	02 56 W	271	31	976.9	1006.6	32.2	+ 1.3	11.7	-0.8	1	12	- 1	4	
BOBO-DIOULASSO	11 10 N	04 19 W	460	31	956.8	1006.8	30.7	+ 0.7	12.5	-1.0	1	11	- 9	3	46
GAOUA	10 20 N	03 11 W	335	31	970.1	1006.7	31.4	+ 0.9	15.8	-0.8	2	45	+ 8	4	
GABON															
BITAM	02 05 N	11 29 E	599	31	943.4	1009.4	23.8	- 1.3	24.6		11	122	- 72		
MITZIC	00 47 N	11 32 E	583	31	945.1	1009.5	23.5	- 1.2	24.4		13	180	- 33		
MEKAMBO	01 01 N	13 56 E	501	31	953.6	1009.1	23.2	- 0.9	23.8		14	173	+ 1		
MAKOKOU	00 34 N	12 52 E	515	31	952.4	1009.6	23.7	- 1.3	24.8		3	215	+ 1		
LASTOURSVILLE	00 50 S	12 43 E	485	31	956.5	1010.0	23.7	- 1.4	25.4		14	200	- 23		
MOANDA	01 32 S	13 16 E	573	31	946.3	1009.7	23.3	- 1.6	24.2		14	369	+ 92		
LAMBARENE	00 43 S	10 14 E	26	31	1007.3	1010.0	26.0	- 1.3	28.8		15	255	- 17		
MOUILA	01 52 S	11 01 E	89	31	1000.0	1010.2	26.0	- 1.4	28.2		15	186	- 63		
TCHIBANGA	02 51 S	11 01 E	79	31	998.7	1007.3	25.6	- 1.7	28.5		15	290	+ 81		

May

SURFACE DATA LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
MARCH 1986															
AFRICA															
GABON															
MAYUMBA	03 25 S	10 39 E	34	31	1005.7	1009.9	26.4	- 0.5	29.9		13	396	+154		
PORT-GENTIL	00 42 S	08 45 E	4	31	1009.6	1010.1	27.0	- 0.3	29.7		15	313	+ 12		
LIBREVILLE	00 27 N	09 25 E	15	31	1008.3	1009.9	26.1	- 0.9	28.8		19	563	+158		
COCOBEACH	01 00 N	09 36 E	13	31	1008.9	1010.3	26.1	- 0.7	29.6		18	384	+ 93		
ETHIOPIA															
NEGHELLI	05 17 N	39 45 E	1455	31	845.0		21.0		18.5		3	16			
ASIA															
SYRIAN ARAB REPUBLIC															
KAMISHLI	37 03 N	41 13 E	455	31	961.5	1014.8	12.4	+ 1.1	8.3	0.0	9	19	- 55		63
DEIR EZZOR	35 19 N	40 09 E	212	31	989.8	1014.8	13.8	+ 0.7	8.7	+0.4	11	27	- 4		64
PALMYRA	34 33 N	38 18 E	404	31	967.6	1014.8	14.1	+ 1.2	8.5	+0.8		8	- 13		69
DAMASCUS/NEW INTL AP	33 25 N	36 31 E	611	31	943.5	1013.8	12.8	+ 1.5	7.1	-0.4	0	0	- 14		67
LATTAKIA	35 32 N	35 46 E	7	31	1014.9	1015.8	15.4	+ 0.3	11.1	0.0	7	51	- 45		65
ALEPPO	36 11 N	37 13 E	393	31	970.2	1016.5	12.4	+ 1.7	8.3	-0.8	6	15	- 32		65
AUSTRALASIA															
INDONESIA															
JAKARTA/OBS	06 11 S	106 50 E	8	31	1009.1		26.7	+ 0.9				163	- 35		
APRIL 1986															
AUSTRALASIA															
INDONESIA															
JAKARTA/OBS	06 11 S	106 50 E	8	30	1009.4		27.2	+ 1.0				134	+ 4		

UPPER AIR DATA

MAY 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
ALASKA																																									
BARROW	2	1,019		-7.7	1.9					1,419	0	-9.0	6.4	2	21	77	1	2,904	0	-15.7	9.4	1	4	123	**	5,370	0	-30.7	8.2	1	8	262	1	8,832	1	-49.5		1	20	291	3
		1,494	2	-46.8		2	29	253	2	13,408	3	-46.2		3	22	224	1	16,094	5	-47.0		5	45	178	2	20,682	8	-47.3		9	77	124	3	24,079	15	-46.6		15	94	102	4
BARTER ISLAND	2	1,016		-9.1	1.6					1,406	1	-7.9	6.8	5	29	262	1	2,898	1	-14.6	7.8	2	63	261	3	5,366	1	-30.7	6.8	1	67	260	6	8,830	1	-50.0		1	54	261	7
		1,496	1	-46.7		1	54	257	3	13,408	1	-46.3		1	56	228	3	16,097	1	-47.2		1	60	202	2	20,674	1	-48.2		1	67	131	2	24,043	2	-47.4		2	91	105	4
KOTZEBUE	2	1,012		-3.3	2.7					1,389	0	-5.5	10.1	2	27	166	2	2,891	0	-13.2	11.1	3	45	175	3	5,377	0	-28.7	8.9	3	32	209	4	8,858	1	-49.9		7	38	217	7
		1,510	1	-47.9		7	43	227	4	13,416	2	-47.2		6	47	234	3	16,094	2	-48.2		6	53	180	2	20,659	2	-48.5		5	81	130	3	24,022	2	-48.3		4	91	104	4
NOME	2	1,011		-1.1	3.8					1,383	0	-5.3	10.2	0	24	129	2	2,887	0	-12.9	11.0	1	13	207	1	5,379	1	-28.3	8.1	1	15	244	2	8,868	1	-49.8		1	37	272	6
		1,514	2	-48.6		2	37	274	4	13,411	2	-47.9		2	30	264	2	16,077	2	-49.2		2	16	208	1	20,624	3	-49.5		3	71	128	3	23,989	8	-49.0		8	85	106	4
FAIRBANKS	2	993		4.8	6.8					1,398	1	-0.4	7.0	1	22	216	1	2,917	2	-11.7	6.6	2	42	191	2	5,411	2	-28.4	9.1	2	43	207	3	8,895	3	-51.4		3	23	233	3
		1,532	3	-48.5		3	45	236	3	13,429	3	-47.8		3	53	218	3	16,103	3	-48.5		3	63	191	3	20,661	4	-49.3		4	83	133	3	24,018	5	-48.5		5	94	98	5
MCGRATH	2	997		3.3	6.6					1,391	0	-2.5	5.8	0	34	160	2	2,900	0	-12.9	7.2	0	47	182	3	5,390	0	-28.5	9.1	0	16	226	2	8,875	0	-50.4		0	22	310	3
		1,517	0	-48.4		0	38	257	3	13,414	0	-47.9		0	41	256	2	16,081	0	-49.1		0	29	205	1	20,622	0	-50.0		0	79	122	3	23,962	0	-49.8		0	88	102	5
BETHEL	2	1,006		0.2	2.9					1,385	1	-4.3	7.4	2	28	186	2	2,892	1	-12.1	11.0	2	18	240	2	5,391	1	-27.7	8.6	2	20	265	3	8,891	1	-49.4		2	34	294	5
		1,533	1	-49.4		2	53	289	6	13,423	1	-49.0		2	48	285	4	16,081	1	-49.9		2	29	271	1	20,605	1	-50.4		2	71	117	2	23,941	3	-50.4		4	94	94	4
ANCHORAGE	2	1,004		5.9	5.8					1,392	1	-1.4	5.2	2	47	113	2	2,908	1	-12.5	4.8	1	57	129	3	5,400	1	-28.1	9.5	2	28	121	2	8,898	3	-50.3		3	16	303	2
		1,542	3	-48.4		3	32	261	2	13,439	3	-48.5		3	47	253	3	16,101	3	-49.6		3	47	213	2	20,633	3	-50.5		3	79	130	3	23,964	4	-50.6		4	88	107	4
ST. PAUL	2	1,012		0.4	1.4					1,398	3	-4.0	5.8	6	32	309	3	2,914	3	-10.1	9.2	5	31	294	4	5,443	3	-24.0	9.5	4	36	299	5	8,981	3	-48.1		6	31	293	7
		1,618	3	-51.3		6	59	294	9	13,494	3	-50.5		7	65	281	7	16,131	4	-51.2		7	53	272	4	20,634	5	-51.6		7	42	83	1	23,954	6	-50.6		8	93	94	4
COLD BAY	2	1,009		2.1	2.3					1,394	1	-4.4	8.0	8	21	249	3	2,910	1	-9.7	8.6	7	36	274	5	5,439	1	-24.8	8.5	7	45	286	8	8,991	4	-47.9		7	64	273	18
		1,624	5	-51.9		9	75	274	14	13,495	5	-51.1		9	73	276	9	16,137	7	-52.1		8	66	267	4	20,624	8	-52.1		8	57	115	2	23,941	9	-51.6		10	90	101	5
KING SALMON	2	1,009		2.1	4.2					1,391	0	-2.9	5.8	1	9	246	1	2,903	0	-12.1	8.0	0	10	111	1	5,403	0	-27.1	8.2	1	19	331	2	8,912	0	-48.7		0	38	310	6
		1,559	0	-49.2		0	58	284	6	13,451	0	-48.9		1	57	273	5	16,106	0	-50.3		1	43	269	2	20,623	1	-50.8		1	62	129	2	23,959	3	-50.4		3	88	94	5
YAKUTAT	2	1,010		2.7	0.6					1,398	10	-3.6	3.4	13	72	130	4	2,904	10	-13.8	3.9	12	67	146	4	5,395	10	-27.8	7.0	11	59	184	5	8,883	10	-51.1		11	53	199	7
		1,520	10	-48.9		11	62	235	5	13,412	10	-48.9		11	67	234	4	16,070	10	-49.9		11	73	215	3	20,589	10	-51.5		10	84	134	3	23,907	10	-51.3		10	94	94	5
ANNETTE ISLAND	2	1,010		6.9	2.9					1,433	1	-1.8	3.7	1	72	173	7	2,952	1	-10.9	5.7	1	74	191	7	5,463	1	-26.5	9.4	1	65	213	9	8,988	1	-47.6		2	54	228	14
		1,643	1	-49.4		5	62	231	10	13,529	1	-49.9		6	66	226	7	16,170	1	-51.9		7	69	215	4	20,645	4	-53.2		5	81	137	3	23,939	6	-52.1		7	93	96	4
UNITED STATES-NORTHWEST																																									
QUILLAYUTE	2	1,009		7.9	1.1					1,464	1	2.9	5.3	5	54	218	5	3,014	1	-5.3	8.2	5	74	231	9	5,582	1	-20.5	10.9	5	72	247	15	9,177	1	-44.9	2.8	5	68	261	23
		1,818	1	-54.9		7	73	269	21	13,652	1	-55.4		7	78	257	14	16,233	1	-56.9		8	77	243	6	20,642	4	-56.5		8	65	138	2	23,896	6	-54.3		9	96	93	5
MEDFORD	2	969		8.6	2.6					1,486	0	6.5	5.3	1	28	211	1	3,060	0	-1.0	12.1	1	54	252	6	5,672	0	-16.6	10.2	0	61	262	11	9,313	1	-42.5	5.5	1	61	274	17
		1,962	2	-57.9		5	69	283	17	13,762	2	-60.0		6	73	267	13	16,292	2	-60.6		5	67	260	7	20,635	2	-58.4		2	64	93	2	23,884	6	-54.8		7	89	78	4
SPOKANE	2	930		7.7	3.9					1,463	0	8.7	11.2	3	54	240	3	3,037	0	-2.7	6.1	1	73	243	6	5,627	0	-18.8	9.7	1	74	242	10	9,235	1	-44.5	4.3	2	54	246	12
		1,860	2	-55.1		2	67	244	13	13,693	2	-55.9		3	74	249	10	16,259	3	-56.5		3	78	229	6	20,649	3	-56.8		4	53	121	2	23,905	5	-54.0		5	93	81	5
GREAT FALLS	2	885		6.6	4.3					1,454	1	8.3	9.1	1	59	252	4	3,033	0	-1.1	7.7	0	57	279	5	5,636	0	-17.8	9.4	0	61	251	7	9,251	1	-44.3	5.3	1	49	231	9
		1,902	3	-56.2		3	58	252	10	13,724	3	-56.6		3	60	247	7	16,296	3	-57.1		3	44	241	3	20,686	7	-56.7		7	70	92	3	23,948	7	-53.4		7	95	85	5
BISMARCK	2	955		7.9	3.1					1,467	2	7.4	7.2	3	35	207	4	3,044	2	-0.7	10.3	2	24	248	3	5,656	2	-16.4	10.2	3	30	248	5	9,301	3	-43.2	7.3	3	13	256	4
		1,927	7	-56.3		9	14	264	4	13,754	7	-56.1		10	12	282	2	16,325	7	-57.2		9	9	288	1	20,689	9	-57.3		9	76	72	3	23,950	10	-54.2		10	93	76	5
HURON/HOWES MUN	2	968		10.0	1.8					1,473	2	9.2	8.7	3	14	218	1	3,056	2	-0.1	10.1	3	34	241	4	5,671	2	-16.3	10.6	2	34	234	6	9,314	2	-43.0		2	32	237	8
		1,949	2	-57.3		2	33	245	9	13,764	3	-57.4		3	38	262	6	16,328	3	-57.6		3	45	259	4	20,689	5	-57.8		5	50	60	2	23,947	6	-53.5		6	91	74	5
RAPID CITY	2	903		7.6	3.5					1,470	3	9.2	8.4	4	29	279	2	3,057	3	0.5	9.4	4	32	270	3	5,674	3	-16.8	11.2	3	29	270	5	9,316	3	-42.9	9.0	3	20	282	5
		1,952	3	-56.6		3	23	276	6	13,770	3	-57.5		3	32	283	5	16,328	3	-58.6		3	25	306	2	20,685	4	-58.0		4	75	68	3	23,936	6	-54.0		7	91	69	5
BOISE	2	913		9.5	5.9					1,471	0	11.1	13.7	4	28	307	2	3,061	0	0.0	9.4	1	54	284	4	5,670	0	-17.4	9.2	0	60	260	8	9,289	4	-43.4	2.6	4	58	269	15
		1,929	4	-56.6		5	66	273	14	13,734	6	-57.6		7	70	269	10	16,266	8	-58.0		8	73	248	6	20,631	9	-57.9		9	41	125	1	23,878	10	-55.0		11	88	93	4
WINNEMUCCA	2	867		3.9	7.4					1,476	0	10.2	13.1	3	21	309	1	3,067	0	0.8	12.5	3	39	283	3	5,688	0	-16.0	12.0	2	63	265	10	9,341	1	-42.3	7.6	2	50	274	12
		1,981	1	-57.8		2	58	272	13	13,782	1	-60.4		2	64	270	10	16,308	2	-60.4		3	60	249	6	20,641	4	-59.0		4	46	102	2	23,872	5	-55.2		6	87	84	3
ELY	2	807		3.1	6.4													3,076	0	2.9	13.8	3	34	252	2	5,711	0	-14.7	12.5	1	59	265	7	9,371	0	-42.3	7.1	3	49	275	10
		2,008	0	-58.2		4	43	294	9	13,803	0	-61.0		4	54	283	9	16,330	0	-61.1		4	47	271	4	20,651	2	-59.4		3	37	111	1	23,887	4	-54.9		5	45	80	2
SALT LAKE CITY	2	869		9.6	7.4					1,472	0	12.6	14.6	0	54	158	3	3,074	0	2.2	12.6	0	34	254	3	5,700	0	-15.9	9.3	1	58	266	8	9,339	2	-43.0	5.6	2	57	276	13
		1,965	3	-57.4		5	56	287	12	13,770	3	-59.3		5	51	280	9	16,315	3	-59.5		4	47	258	4	20,655	4	-58.7		4	55	103	2	23,896	4	-54.6		4	72	72	3
GRAND JUNCTION	2	850		11.0	13.0					1,496	12	12.2	13.9	12	82	121	3	3,075	0	3.3	12.8	3	51	253	3	5,706	0	-15.4	11.6	2	54	269	7	9,360	0	-42.7	6.4	2	52	277	12
		1,994	0	-58.1		3	58	286	13	13,796	0	-59.7		3	60	277	10	16,333	0	-60.2		3	48	266	5	20,656	0	-59.2		2	47	80	2	23,900	0	-54.0		2	83	74	3
DENVER	2	835		7.5	6.5													3,057	2	2.3	11.2	5	50	290	3	5,687	2	-15.1	11.8	5	54	263	8	9,340	2	-43.3		6	51	283	12
		1,978	4	-58.6		6	51	274	13	13,781	4	-58.3		6	55	275	9	16,331	4	-59.5		6	45	276	4	20,662	4	-58.7		5	67	67	3	23,909	4	-54.0		5	74	73	4
OMAHA (NORTH)	2	967		12.7	2.9					1,480	0	10.2	7.7	0	32	231	3	3,072	0	1.4	8.6	0	51	262	5	5,701	0	-15.4	11.3	0	61	266	8	9,352	2	-42.9		2	42	258	9
		1,990	3	-57.7		3	55	248	11	13,795	3	-58.0		3	64	268	9	16,343	4	-59.7		4	54	263	5																
NORTH PLATTE	2	916		9.0	2.7					1,470	0	9.7	6.9	0	11	202	1	3,064	0	2.1	9.3	0	50	261	5	5,691	0	-16.1	10.5	0	58	260	9	9,339	0	-42.7		0	41	249	10
		1,972	0	-57.7		1	57	253	14	13,785	0	-57.8		1	61	261	10	16,337	0	-59.0		0	50	260	4	20,671	3	-58.6		3	57	76	3	23,918	4	-53.4		4	80	70	4
UNITED STATES-NORTHEAST																																									
INTERNATIONAL FALLS	2	973		7.3	2.6					1,480	0	7.0	7.0	0	16	243	1	3,054	0	-1.4	8.7	0	19	253	2	5,663	0	-16.9	11.3	0	26	256	4	9,299	0	-43.4	6.4	0	29	261	7
		1,931	0	-56.9		0	42	276	10	13,756	0	-56.4		0	39	282	6	16,333	0	-56.5		0	38	298	3	20,727	0	-56.1		0	71	58	3	23,997	2	-53.1		2	94	77	6
ST. CLOUD	2	979		8.5	1.8					1,486	0	7.9	8.2	0	16	208	2	3,066	0	-0.1	12.7	0	28	247	3	5,681	0	-16.0	13.2	2	26	257	4	9,326	1	-43.0	6.7	1	34	271	8
		1,956	2	-57.1		2	44	262	11	13,773	2	-57.0		2	46	274	7	16,341	2	-57.4		2	45	273	4	20,715	3	-57.0		4	57	52	3	23,974	4	-53.0		4	91	79	5
SAULT STE. MARIE	2	989		8.3	3.0					1,480	0	7.1	7.2	0	34	340	3	3,055	0	-0.9	8.4	0	42	326	4	5,672	0	-15.7	12.0	0	48	293	6	9,320	0	-43.1	7.1	0	46	269	9
		1,950	0	-57.9		0	60	290	11	13,761	0	-58.1		0	57	287	7	16,328	0	-57.3		0	62	311	5	20,699	1	-56.8		1	83	49	3	23,969	3	-52.2		3	93	77	5
CARIBOU	2	992		7.1	3.1					1,461	0	4.1	7.5	0	11	19	1	3,021	0	-2.8	9.8	1	34	297	4	5,621	0	-17.5	11.0	0	43	288	6	9,244	0	-44.2		1	42	283	9
		1,873	0	-56.7		2	55	287	11	13,696	0	-56.2		2	65	299	9	16,280	1	-56.4		2	68	316	5	20,684	1	-55.0		5	75	42	3	23,981	2	-51.3		2	82	81	4
PORTLAND/INTL JET PORT	2	1,013		9.7	4.3					1,474	0	6.4	6.9	2	37	303	3	3,047	0	-1.1	10.5	1	46	306	5	5,656	0	-17.1	11.5	1	45	302	6	9,290	0	-43.2		1	43	300	9
		1,928	0	-57.1		1	64	310	13	13,747	0	-57.0		1	68	295	10	16,310	1	-57.8		2	69	313	6	20,693	2	-55.4		2	61	42	2	23,981	4	-51.7		4	85	86	3

UPPER AIR DATA

MAY 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																																									
DAYTON	2	981		13.4	2.9					1,498	0	9.5	5.2	3	67	259	6	3,089	0	1.7	8.5	1	70	266	7	5,727	1	-14.1	10.2	0	70	270	9	9,404	3	-41.3	8.4	3	74	268	14
		2,036	5	-60.0		5	79	274	18	13,820	6	-62.0		6	83	283	14	16,338	7	-60.7		7	87	291	8	20,650	10	-58.6		10	76	35	3	23,902	14	-53.2		15	65	79	2
BUFFALO	2	990		11.8	4.1					1,486	1	7.7	5.4	2	55	267	5	3,064	1	-0.2	10.4	2	50	283	6	5,686	1	-15.2	13.8	1	52	296	9	9,342	1	-42.3	8.0	1	44	301	9
		1,975	1	-58.9		1	67	299	17	13,774	1	-58.6		1	69	300	10	16,324	1	-58.4		1	66	315	6	20,684	2	-56.7		2	63	42	3	23,953	4	-52.4		4	91	77	4
WASHINGTON DULLES	2	1,007		12.0	2.3					1,506	1	9.5	7.4	1	69	296	6	3,094	0	1.1	11.1	0	70	290	7	5,729	0	-13.9	14.5	0	71	294	11	9,408	0	-41.1	9.2	0	64	299	15
		2,048	0	-59.0		0	72	301	19	13,835	0	-61.6		0	77	301	12	16,361	0	-60.7		0	77	305	7	20,697	2	-57.2		2	57	33	2	23,968	5	-52.2		5	54	62	2
UNITED STATES-SOUTHWEST																																									
OAKLAND	2	1,014		11.4	3.3					1,486	0	11.4	15.5	5	49	316	3	3,085	0	3.6	18.4	2	40	285	4	5,734	0	-12.8	14.7	0	64	276	11	9,423	0	-40.8	9.2	0	65	284	15
		2,066	2	-59.8		3	64	285	16	13,854	3	-62.0		6	66	273	13	16,363	4	-62.7		4	67	267	8	20,675	5	-59.1		6	54	106	2	23,911	10	-54.5		10	73	92	3
SAN DIEGO	2	998		14.3	2.2					1,479	1	14.2	19.2	5	73	307	4	3,093	0	5.8	19.9	0	62	272	5	5,768	0	-11.2	15.8	0	64	272	8	9,469	0	-40.5	10.0	0	64	282	11
		2,110	0	-60.1		0	71	280	16	13,877	0	-65.1		1	74	270	14	16,353	0	-64.5		1	79	258	9	20,616	1	-60.7		1	38	107	2	23,847	5	-54.8		5	40	75	1
DESERT ROCK	2	896		16.4	20.7					1,459	1	17.1	21.5	4	21	190	1	3,077	0	4.9	17.4	2	30	242	2	5,729	0	-13.4	12.8	2	64	269	8	9,418	1	-41.1	8.7	6	54	291	11
		2,056	2	-59.0		8	63	295	13	13,841	2	-62.2		8	65	292	11	16,349	3	-62.6		8	60	258	6	20,646	3	-60.0		8	58	104	2	23,873	4	-55.0		11	47	69	2
EL PASO	2	880		15.9	16.5					1,490	0	18.1	17.8	0	13	307	1	3,121	0	7.5	16.3	1	80	260	6	5,793	0	-11.6	13.4	0	87	259	12	9,496	0	-40.0	8.2	0	90	262	18
		2,143	0	-59.6		0	93	261	23	13,915	0	-64.4		0	96	263	24	16,398	0	-65.4		1	91	259	11	20,654	1	-59.8		1	50	97	2	23,900	3	-53.1		3	43	66	2
ALBUQUERQUE	2	836		11.3	10.6													3,094	3	4.9	11.3	7	79	255	6	5,745	3	-13.8	12.4	3	85	264	12	9,423	3	-41.0	8.2	4	75	252	15
		2,067	3	-58.8		5	83	263	18	13,854	3	-61.7		6	86	270	14	16,363	3	-62.5		6	80	266	8	20,651	4	-59.6		4	41	69	2	23,893	5	-53.5		6	58	61	2
OKLAHOMA CITY/W ROGERS WORLD	2	966		16.4	2.3					1,485	1	14.7	9.5	5	69	223	7	3,104	1	5.6	11.6	5	69	262	7	5,760	1	-13.4	12.0	5	80	272	9	9,446	2	-40.3	8.8	4	80	262	17
		2,093	2	-58.7		4	83	262	23	13,879	2	-61.5		4	92	266	21	16,393	3	-62.6		5	87	266	9	20,679	3	-59.8		5	50	60	2	23,922	5	-53.1		7	51	51	2
STEPHENVILLE	2	966		17.0	1.7					1,493	0	16.2	10.5	1	63	210	6	3,119	0	7.0	13.9	1	44	266	4	5,791	0	-11.5	12.4	1	78	272	10	9,504	2	-38.9	8.6	4	89	262	20
		2,162	5	-59.0		6	90	258	28	13,941	5	-63.9		6	94	262	26	16,422	5	-65.2		5	92	261	12	20,659	7	-60.6		7	65	66	3	23,902	7	-53.4		7	66	80	3
VICTORIA	2	1,008		20.8	1.2					1,504	0	16.1	8.0	1	69	187	6	3,134	0	8.1	12.8	1	61	257	4	5,819	0	-10.1	12.4	3	84	275	10	9,552	1	-37.7	11.4	4	94	272	21
		2,227	1	-57.4		1	95	270	29	14,006	1	-65.5		1	96	268	30	16,457	1	-68.3		1	94	275	15	20,653	2	-61.4		4	67	80	2	23,896	3	-52.2		4	64	88	3
BROWNSVILLE	2	1,010		22.4	1.1					1,503	0	18.0	8.0	0	74	177	6	3,143	0	9.7	13.3	0	38	267	2	5,843	0	-8.8	10.8	1	85	288	8	9,600	0	-36.0	11.8	0	95	273	18
		2,291	0	-56.2		0	94	269	29	14,069	0	-67.3		0	96	267	30	16,488	0	-70.7		0	94	270	15	20,635	1	-62.3		1	84	85	4	23,871	2	-53.0		2	92	90	6
UNITED STATES-SOUTHEAST																																									
WALLOPS ISLAND	2	1,016		14.8	4.5					1,515	0	9.8	8.8	1	58	308	5	3,103	0	1.3	11.4	1	67	292	8	5,738	0	-13.8	13.4	1	76	292	12	9,416	0	-41.2	7.4	1	69	300	17
		2,057	0	-59.3		1	73	297	19	13,843	0	-61.0		2	78	298	14	16,366	1	-60.9		2	75	298	8	20,695	2	-56.9		4	55	49	2	23,960	5	-51.9		6	47	83	2
MONETT	2	963		14.8	2.3					1,499	0	12.6	7.8	1	68	235	6	3,105	0	3.6	9.1	1	68	257	7	5,750	0	-13.8	10.9	0	73	256	9	9,433	0	-40.6	7.9	0	79	258	16
		2,079	0	-58.8		1	80	263	20	13,868	0	-61.0		1	89	267	16	16,389	0	-61.8		0	84	269	8	20,684	0	-59.2		1	44	51	1	23,929	0	-53.6		1	62	76	2
NORTH LITTLE ROCK	2	994		17.5	3.3					1,507	0	13.1	6.4	1	70	236	5	3,116	0	4.6	9.8	0	64	253	6	5,771	0	-13.0	11.0	0	77	262	9	9,468	0	-39.5	8.4	0	77	261	15
		2,120	1	-59.0		1	88	272	21	13,901	1	-62.9		1	91	271	19	16,398	1	-63.7		1	91	276	10	20,670	3	-59.8		3	30	26	1	23,913	4	-53.4		4	58	68	2
LONGVIEW	2	1,000		18.0	1.5					1,508	7	14.7	10.7	9	80	211	8	3,129	7	6.1	12.1	9	54	249	5	5,794	7	-12.4	9.9	9	74	272	9	9,496	8	-39.6	8.4	11	84	276	17
		2,147	8	-59.1		11	87	267	21	13,922	8	-64.0		11	95	268	23	16,404	9	-65.3		10	92	267	12	20,641	9	-61.1		10	38	29	1	23,877	13	-53.6		14	69	64	3
NASHVILLE	2	995		16.1	1.9					1,514	0	11.9	6.1	1	60	258	6	3,116	0	3.2	8.3	0	66	259	7	5,768	0	-12.8	11.6	0	82	263	9	9,461	0	-40.2	8.5	0	77	267	13
		2,109	0	-59.0		0	85	275	18	13,888	0	-63.1		1	88	281	16	16,389	0	-63.0		0	86	281	9	20,672	0	-59.5		1	59	40	2	23,917	2	-53.5		2	68	67	2
WAYCROSS	2	1,012		17.1	3.3					1,533	1	13.5	6.7	2	31	286	2	3,143	1	4.9	12.7	1	53	273	3	5,807	1	-11.4	12.3	1	83	285	7	9,527	1	-38.6	9.3	1	83	294	11
		2,194	3	-58.5		5	89	292	19	13,966	3	-64.9		5	94	288	21	16,436	4	-66.6		4	93	288	12	20,680	4	-59.2		4	71	52	2	23,938	5	-52.3		6	69	81	3
CAPE HATTERAS	2	1,017		18.2	3.6					1,524	1	10.4	7.0	1	61	304	4	3,116	1	2.1	8.3	2	75	298	7	5,763	1	-12.7	13.4	1	81	287	11	9,458	1	-40.3	9.1	1	75	291	13
		2,103	1	-59.7		1	76	294	18	13,878	1	-62.8		1	84	288	14	16,384	1	-62.2		2	86	297	9	20,693	2	-57.5		2	55	12	2	23,965	3	-52.2		3	46	83	1
CHARLESTON	2	1,016		18.8	2.2					1,535	0	12.8	7.1	0	42	279	3	3,142	0	4.1	11.3	0	66	278	6	5,804	1	-11.5	12.2	1	75	288	7	9,515	3	-38.9	10.6	3	78	294	11
		2,170	3	-59.4		3	81	297	16	13,939	4	-64.4		4	90	293	18	16,417	4	-64.7		4	92	291	11	20,681	6	-59.0		6	53	33	2	23,940	6	-52.4		6	47	86	2
CENTREVILLE	2	1,000		16.9	2.0					1,526	0	13.3	6.4	0	60	219	4	3,137	0	4.7	10.3	0	72	250	7	5,796	0	-12.3	9.0	0	85	269	9	9,507	1	-39.2	8.9	1	85	272	14
		2,162	1	-58.9		1	89	284	20	13,936	1	-64.2		1	94	279	20	16,411	1	-65.6		1	90	285	11	20,668	3	-60.0		3	67	31	2	23,910	6	-53.0		6	32	53	1
APALACHICOLA	2	1,015		20.1	2.3					1,522	0	14.2	8.3	0	53	195	3	3,148	0	6.0	12.7	0	39	251	2	5,819	0	-10.7	11.2	1	84	289	7	9,554	2	-37.5	10.3	2	86	291	13
		2,226	3	-57.9		3	90	292	22	14,004	3	-64.5		3	93	286	23	16,461	3	-67.7		3	93	289	13	20,679	4	-59.9		4	67	49	3	23,930	4	-52.4		4	70	85	4
WEST PALM BEACH	2	1,016		22.3	3.5					1,538	3	14.5	7.1	4	63	82	3	3,158	3	6.5	13.0	6	37	55	2	5,839	3	-9.5	13.9	4	69	308	5	9,586	4	-36.8	10.4	6	89	298	12
		2,270	4	-56.9		6	89	295	22	14,055	5	-65.1		5	94	289	25	16,498	5	-69.7		5	95	292	14	20,687	6	-60.2		6	86	66	5	23,940	6	-51.8		7	87	86	6
KEY WEST	2	1,014		25.0	4.1					1,530	0	14.8	6.4	2	77	98	4	3,151	0	7.0	13.4	2	28	48	1	5,838	0	-8.9	14.2	2	85	309	6	9,592	0	-36.0	11.7	2	86	296	15
		2,289	0	-55.6		2	90	295	25	14,078	0	-65.0		2	94	290	27	16,510	0	-70.7		1	94	295	14	20,682	0	-60.3		1	88	70	5	23,934	1	-52.0		3	95	89	8
MEXICO-NORTHERN																																									
CHIHUAHUA UNIV. DE	2	856		13.1	11.3					1,491	5	17.0	16.7	8	61	258	1	3,126	5	8.5	14.9	8	69	251	6	5,812	5	-10.4	12.9	6	86	251	9	9,532	5	-38.5	8.3	6	92	253	19
		2,200	5	-57.8		6	95	255	29	13,979	5	-64.8		8	98	255	27	16,442	6	-66.6		8	98	257	17	20,662	7	-60.3		8	74	104	3	23,907	7	-52.7		8	83	82	4
MEXICO-SOUTHERN																																									
MERIDA AEROP. INTL.	2	1,009		23.3	1.5					1,496	0	17.8	6.2	3	86	118	5	3,135	0	9.6	11.8	4	43	16	2	5,847	0	-6.7	12.8	2	78	316	5	9,643	0	-33.2	9.7	5	87	275	15
		2,366	0	-54.4		4	92	273	22	14,155	0	-67.0		4	94	273	23	16,547	0	-74.9		4	93	276	12	20,640	0	-62.7		4	97	81	6	23,873	1	-52.4		4	97	84	11
MEXICO CITY INT.AP. D.F.	2	781		13.3	6.1													3,153	0	10.0	5.9	1	14	250	**	5,864	0	-7.3	6.3	0	57	305	4	9,663	0	-32.8	10.2	0	88	271	11
		2,388	0	-54.5		0	92	267	20	14,172	1	-67.7		1	86	264	17	16,555	8	-74.1		8	88	264	9	20,637	15	-63.9		16	67	104	3	23,863	15	-53.3		15	96	86	9
PANAMA																																									
HOWARD AFB	2	1,002		24.3	1.0					1,503	2	18.0	4.3	0	44	5	5	3,147	2	10.1	6.2	0	10	272	0	5,873	2	-4.7	13.5	2	31	239	3	9,704	3	-30.8	12.7	3	20	268	3
		2,444	3	-53.8		3	43	292	8	14,230	3	-68.0		3	32	301	8	16,587	3	-78.6		4	56	291	8	20,640	6	-64.6		6	68	283	7	23,862	11	-55.8		1	99	95	27
COSTA RICA																																									
JUAN SANTAMARIA		909		19.5	3.2					1,498	9	18.3	4.4	9	71	98	10	3,137	9	17.9	7.0	9	53	151	10	5,861	9	-4.2	16.8	9	23	260	11	9,681	12	-31.3	12.6	12	48	315	17
		2,418	13	-53.8		13	27	285	21	14,208	13	-67.4		13	36	274	31	16,589	13	-77.4		13	49	269	14	20,640	17	-62.3		17	45	283	14	23,826	19	-53.6		19	97	84	21
ADJACENT ISLANDS																																									
OWENS ROBERTS AP. GRAND CAYM	2	1,011		24.7	1.9					1,511	3	16.3	3.5	5	91	117	4	3,141	3	8.5	11.5	5	40	139	2	5,851	3	-6.6	12.3	4	45	318	4	9,647	3	-33.0	12.1	3	87	302	17
		2,368	4	-54.5		4	87	299	26	14,157	4	-66.9		5	90	290	26	16,545	4	-75.7		6	90	294	13	20,643	4	-61.9		4	87	77	6	23,882	4	-52.4		4	98	96	12

UPPER AIR DATA

MAY 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
ADJACENT ISLANDS																																											
SAN JUAN/INT., P.R.	2	1,014		23.9	1.4					1,535	0	16.0	3.4	1	69	154	4	3,165	0	7.7	8.0	1	63	217	4	5,863	1	-7.7	11.3	2	91	258	7	9,644	1	-34.1	11.6	1	89	279	17
		12,354	1	-55.4		1	89	284	26	14,138	1	-66.9		1	89	290	27	16,535	1	-73.8		2	92	290	14	20,654	1	-62.1		2	86	103	7	23,887	3	-52.8		3	98	110	12
JULIANA AP, ST. MAARTEN	2	1,016		26.7	3.8					1,549	0	15.8	4.9	0	74	129	9	3,178	0	7.9	9.9	0	43	152	5	5,881	0	-7.1	12.5	0	79	241	14	9,668	2	-33.6	10.0	3	88	263	32
		12,385	2	-55.1		3	90	269	50	14,171	2	-66.9		4	91	278	52	16,573	2	-74.1		4	92	271	32	20,687	3	-61.6		3	60	97	12	23,916	4	-52.8		5	79	92	19
RAIZET, GUADELOUPE	2	1,014		25.6	3.3					1,533	0	15.5	3.5	0	93	123	6	3,161	0	8.3	9.5	0	59	142	3	5,870	0	-6.4	13.1	0	80	235	5	9,665	0	-32.6	11.4	0	88	260	15
		12,391	0	-54.2		0	89	271	21	14,178	0	-66.8		0	88	282	24	16,565	1	-75.5		1	88	271	15	20,633	1	-63.8		1	59	101	6	23,829	9	-54.8		9	60	108	7
HATO AP,CURACAO	3	1,004		26.5	3.4					1,508	0	18.9	5.3	0	90	124	15	3,153	0	10.0	8.8	0	71	138	8	5,873	0	-5.4	12.3	0	65	229	7	9,689	0	-31.6	10.5	0	82	262	23
		12,429	0	-53.5		0	81	275	32	14,224	0	-67.1		0	80	282	35	16,607	1	-77.0		1	84	275	19	20,683	6	-62.2		6	55	56	5	23,899	7	-53.8		7	98	87	24
SOUTH AMERICA																																											
FRENCH GUIANA																																											
CAYENNE/ROCHAMBEAU	2	1,010		24.3	0.8					1,501	0	16.8	2.4	0	96	92	9	3,137	0	9.5	7.3	0	98	94	10	5,855	0	-5.3	9.1	0	88	103	7	9,683	0	-30.6	3.6	0	19	160	2
		12,434	0	-52.1		0	69	279	7	14,234	0	-66.1		0	83	282	11	16,600	1	-79.5		2	49	257	4	20,629	6	-66.7		8	97	278	16	23,776	6	-50.4		9	99	88	8
PERU																																											
LIMA-CALLAO/INTL AP/	1	1,011		18.2	2.4					1,495	17	18.6	13.5	18	18	335	1	3,145	17	12.0	18.3	18	57	139	2	5,872	17	-6.1	12.3	18	33	319	2	9,676	17	-33.1	14.2	18	90	290	13
		12,398	18	-54.2		19	92	295	18	14,188	18	-67.4		20	93	295	18	16,555	21	-78.0																							
BRAZIL-NORTHERN																																											
MANAUS AERO PONTA PELADA		1,002		25.8	2.5					1,523	14	18.0	3.9	13	97	94	9	3,165	15	9.8	8.4	13	87	90	7	5,889	15	-5.7	10.8	13	82	96	5	9,713	15	-30.8	16.0	14	62	74	5
		12,466	15	-52.0		14	53	341	5	14,271	16	-65.5		14	41	316	5	16,636	15	-79.8		14	42	252	3																		
BELEM/AERO VAL DE CAS		1,011		26.8	3.2					1,533	7	18.2	5.6	5	96	94	7	3,176	5	10.2	9.4	5	97	82	8	5,883	5	-5.0	11.1	5	93	84	6	9,731	5	-30.9	19.5	5	45	113	3
		12,479	5	-52.1		5	54	274	5	14,276	5	-66.1		5	74	248	6	16,644	6	-79.9		6	41	225	3	20,680	7	-65.8		7	85	216	41	23,840	8	-60.5		7	38	76	2
BRAZIL-SOUTHERN																																											
CAMPO GRANDE (AEROPORTO)		950		21.7	5.7					1,523	3	18.2	5.7	3	74	1	5	3,161	3	9.1	10.4	3	78	318	7	5,870	3	-6.6	19.8	3	79	301	9	9,671	3	-33.4	17.8	3	90	290	18
		12,391	3	-53.3		4	94	285	30	14,191	4	-64.8		7	94	280	24	16,602	6	-73.8		13	93	282	16																		
BRASILIA/AEROPORTO/		899		21.6	6.2					1,544	3	18.2	5.4	4	80	54	5	3,182	3	9.2	12.1	5	45	31	2	5,886	3	-5.3	17.4	4	72	266	4	9,716	3	-31.7	18.2	6	85	251	13
		12,443	3	-53.5		4	91	254	22	14,229	3	-66.6		5	93	252	21	16,598	7	-78.0		6	88	261	12	20,650	9	-64.1		8	70	69	5	23,854	11	-53.4		10	97	76	10
TRINIDADE/ILHA/		1,018		26.7	5.0					1,556	10	15.2	4.1					3,182	10	9.3	23.1					5,878	9	-7.2	32.4					9,651	12	-34.8							
		12,354	10	-56.4						14,123	13	-65.8																															
GALEAO		1,011		23.5	4.3					1,550	1	16.8	7.1	1	69	337	4	3,181	1	8.7	17.9	1	67	307	5	5,889	1	-6.7	19.8	1	80	291	8	9,674	1	-74.3	16.7	3	79	280	14
		12,387	2	-54.1		5	89	274	25	14,183	1	-65.1		6	92	274	25	16,599	2	-74.1		9	93	271	14	20,724	5	-62.0		12	62	86	4	23,963	6	-50.8		13	89	97	8
SAO PAULO(AEROPORTO)		926		18.9	3.6					1,534	2	16.2	5.3	2	77	343	5	3,165	2	8.2	14.3	3	83	304	7	5,864	2	-7.8	18.7	3	82	302	9	9,635	2	-35.0	15.4	6	82	286	16
		12,344	2	-54.8		9	87	276	22	14,132	2	-66.0		12	90	271	20	16,544	2	-73.4		14	92	276	15	20,656	5	-62.3		15	42	97	2	23,884	5	-52.8		15	92	94	6
CURITIBA (AEROPORTO)		915		15.7	2.1					1,533	6	15.3	7.1	5	81	316	5	3,160	6	7.1	15.7	5	80	286	7	5,851	6	-8.3	21.2	5	82	288	8	9,614	7	-35.2	19.3	10	79	270	13
		12,326	7	-54.6		12	90	262	22	14,117	9	-64.6		13	91	265	22	16,553	9	-71.9						20,716	10	-59.0						23,987	11	-49.6					
PORTO ALEGRE (AEROPORTO)		1,014		16.7	2.3					1,500	3	13.6	12.2	2	89	254	8	3,118	2	5.7	14.7	3	85	262	10	5,796	2	-11.0	18.1	3	88	263	15	9,525	2	-37.9	16.8	6	90	258	25
		12,208	3	-56.6		13	91	255	29	14,009	4	-62.5		16	93	248	26	16,466	4	-67.6						20,680	7	-59.9						23,944	9	-50.4					
ANTARCTICA																																											
SYOWA	1	991		-13.8	5.6					1,182	0	-15.6	8.4	0	68	36	7	2,628	0	-23.0	7.3	0	19	15	3	5,017	0	-38.2		0	34	287	5	8,361	0	-59.4		0	55	272	10
		10,884	0	-59.9		1	75	266	11	12,674	1	-60.1		1	82	270	12	15,189	1	-62.4		1	88	272	17	19,431	2	-65.9		4	96	276	28								
EUROPE																																											
GREENLAND																																											
DANMARKSHAVN	3	1,016		-6.2	4.2					1,401	0	-9.8	5.3	0	19	331	1	2,890	0	-14.2	9.0	0	4	265	1	5,371	0	-28.8	9.4	0	15	296	2	8,858	0	-49.5		0	20	276	3
		11,529	0	-45.4		0	29	212	3	13,448	0	-45.2		0	47	200	3	16,152	0	-45.6		0	39	186	2	20,760	0	-44.9		0	57	97	2	24,193	0	-44.1		0	82	95	4
SCORESBYSUND	3	1,007		-3.9	2.5					1,399	0	-8.2	5.9	0	66	13	5	2,890	0	-14.4	7.1	0	44	35	4	5,379	0	-27.4	9.5	0	22	25	3	8,876	0	-49.8		0	6	351	1
		11,535	0	-46.3		0	12	212	1	13,448	0	-45.7		0	30	192	2	16,142	0	-46.6		0	46	170	2	20,741	0	-46.3		0	66	114	2	24,138	0	-45.7		0	92	91	5
EGEDESMINDE	3	1,005		-1.2	3.4					1,360	0	-8.2	6.2	0	30	170	1	2,846	0	-14.9	9.3	0	44	198	3	5,319	0	-29.2	7.0	0	41	221	5	8,809	0	-47.5		0	50	248	8
		11,493	0	-46.1		0	60	273	6	13,407	0	-45.6		0	52	294	4	16,097	0	-46.9		0	50	319	2	20,688	0	-46.5		0	67	65	3	24,075	0	-46.1		0	92	78	5
ANGMAGSSALIK	3	1,007		-0.2	3.1					1,391	0	-6.0	8.5	0	41	66	2	2,889	0	-13.6	8.2	0	32	40	2	5,383	0	-27.0	9.2	0	15	342	2	8,890	0	-49.1		0	30	295	6
		11,550	0	-47.2		0	41	303	4	13,455	0	-46.7		0	44	295	3	16,135	0	-47.9		0	19	307	1	20,716	0	-47.0		0	81	92	3	24,100	0	-46.7		0	95	91	6
NARSSARSSUAQ	3	1,010		5.0	5.0					1,385	0	-4.2	5.8	0	43	105	2	2,894	0	-11.2	8.4	0	14	286	2	5,414	0	-24.5	9.3	0	43	289	7	8,948	0	-47.9		0	47	286	11
		11,600	0	-49.2		0	57	291	9	13,492	0	-48.4		0	60	293	6	16,156	0	-49.4		0	50	304	3	20,698	0	-48.6		0	73	65	3	24,063	0	-48.0		0	93	86	5
ICELAND																																											
KEFLAVIK	2	1,001		6.3	6.2					1,346	0	-3.6	5.5	0	47	83	3	2,859	0	-11.4	8.3	0	14	82	1	5,368	0	-26.4	10.0	0	7	268	1	8,870	0	-49.2		0	28	232	3
		11,532	0	-47.2		0	33	250	3	13,439	0	-47.0		1	33	229	2	16,117	0	-48.4		0	52	192	2	20,686	0	-48.2		0	82	123	3	24,054	0	-47.7		0	96	101	5
UNITED KINGDOM																																											
LERWICK	3	995		7.8	2.0					1,369	0	1.1	4.4	0	68	205	9	2,905	0	-7.8	6.0	0	74	207	10	5,443	0	-24.1	7.7	0	69	214	12	8,972	0	-48.5		0	67	219	16
		11,613	0	-50.0		0	73	219	12	13,496	0	-49.2		0	74	220	8	16,146	0	-50.5		0	68	209	4	20,652	0	-50.9		0	52	125	2	23,975	2	-50.0		2	87	91	6
STORNOWAY	3	1,003		8.8	2.7					1,357	0	0.0	2.7	0	70	221	9	2,889	0	-8.3	4.8	0	69	217	10	5,422	0	-24.3	6.8	0	66	218	12	8,948	0	-48.1		0	63	224	15
		11,602	0	-49.0		0	69	227	11	13,493	0	-49.1		0	73	223	8	16,146	0	-50.4		0	70	209	5	20,647	0	-48.6		0	57	124	2	23,972	1	-50.1		0	90	96	5
AUGHTON	3	1,005		10.8	4.4					1,423	0	1.2	4.0	0	75	227	10	2,962	0	-6.7	8.2	0	76	234	13	5,510	0	-22.7	10.4	0	72	230	17	9,066	0	-46.9		0	69	234	23
		11,698	0	-53.4		0	73	235	18	13,555	0	-51.9		0	76	239	12	16,175	0	-52.7		0	74	226	6	20,638	0	-52.9		0	31	125	1	23,939	0	-51.6		0	91	101	5
CRAWLEY	3	999		10.2	2.9					1,466	0	2.6	5.5	0	81	228	10	3,015	0	-5.0	9.2	0	80	232	13	5,584	0	-20.8	9.9	0	71	235	16	9,159	0	-46.7		0	65	237	22
		11,772	0	-56.3		0	70	241	19	13,605	0	-54.4		0	80	241	13	16,200	0	-54.7		0	80	234	7	20,634	0	-54.0		0	43	128	1	23,919	0	-52.6		0	87	94	4

UPPER AIR DATA

MAY 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
IRELAND																																									
VALENTIA OBSERVATORY	3	1,008		9.9	2.4					1,402	0	0.8	2.8	0	68	238	10	2,939	0	-7.0	6.6	0	70	239	12	5,486	0	-22.9	10.1	0	69	242	16	9,046	0	-45.5	11.8	0	68	249	22
		11,697	0	-51.8		3	67	252	15	13,564	0	-51.1		4	70	249	10	16,193	0	-52.2		5	69	236	6	20,644	17	-53.1		20	38	135	2								
DENMARK AND FAROE IS																																									
THORSHAVN	3	995		7.3	3.0					1,333	0	-0.7	3.5	1	25	192	3	2,861	0	-8.7	6.3	1	49	201	6	5,392	0	-24.7	8.1	1	60	202	9	8,916	0	-48.0		1	61	213	13
		11,583	0	-47.2		1	68	216	9	13,488	0	-47.2		1	73	211	7	16,158	0	-48.7		2	67	200	4	20,705	0	-49.4		9	75	119	3	24,049	13	-48.4					
KOBENHAVN/JAEGERSBORG	3	1,012		12.6	6.5					1,478	0	3.9	7.2	0	69	225	7	3,034	0	-3.8	12.4	0	75	229	9	5,612	0	-19.9	10.6	0	77	228	13	9,202	0	-46.3	8.4	0	72	226	16
		11,809	0	-57.8		0	72	229	12	13,640	0	-54.1		0	80	226	8	16,242	0	-54.0		0	66	229	3	20,700	0	-52.2		0	62	89	1	24,017	0	-50.4		0	83	72	3
NORWAY																																									
BJORNOYA	3	1,011		-0.3	1.3					1,391	0	-5.1	6.3	0	58	140	4	2,899	0	-12.1	7.7	0	38	152	3	5,399	0	-27.3	9.5	0	25	208	3	8,903	0	-49.1		0	22	245	6
		11,563	0	-46.5		0	21	250	5	13,475	0	-46.3		0	70	270	4	16,160	0	-47.3		0	50	285	2	20,754	0	-44.5		0	57	65	2	24,158	0	-44.8		0	89	90	4
JAN MAYEN	3	1,009		-0.7	1.6					1,364	0	-5.5	5.7	0	42	62	4	2,867	0	-13.0	8.6	0	25	49	2	5,358	0	-27.9	11.3	0	8	40	1	8,857	0	-47.8	17.6	0	18	248	3
		11,542	0	-45.3	29.8	0	51	212	4	13,460	0	-45.7	30.7	0	58	203	4	16,153	0	-46.7	31.1	0	60	188	3	20,742	0	-46.8	32.0	1	60	113	2	24,137	0	-45.8	33.1	2	87	96	5
BODO	3	1,008		7.9	2.8					1,394	0	0.6	3.6	0	72	218	7	2,929	0	-8.2	3.9	0	68	228	8	5,464	0	-24.2	5.1	0	69	234	9	8,993	0	-48.1		0	66	240	12
		11,641	0	-49.1		0	82	248	9	13,538	0	-47.7		0	79	250	6	16,208	0	-48.8		0	73	260	3	20,760	0	-48.2		0	63	80	3	24,137	0	-47.0		0	42	80	5
ORLAND	3	1,007		9.9	4.3					1,407	0	1.5	5.6	1	67	236	6	2,945	1	-7.7	4.4	1	79	236	8	5,584	1	-23.5	6.7	1	68	235	9	9,028	1	-47.5		1	77	236	15
		11,673	1	-49.1		1	86	237	11	13,559	1	-48.5		1	52	237	7	16,226	1	-49.8		1	71	239	3	20,747	1	-49.3		1	38	245	2	24,104	2	-48.1		3	94	90	6
STAVANGER/SOLA	3	1,007		10.4	4.4					1,424	0	1.8	3.6	0	77	200	9	2,967	0	-6.7	7.1	0	80	215	11	5,521	0	-22.2	7.0	0	75	205	15	9,062	0	-47.1		0	73	225	20
		11,723	0	-51.8		0	84	225	15	13,596	0	-50.2		0	87	230	10	16,240	0	-50.9		0	78	230	5	20,075	0	-50.6		0	35	110	2	24,085	0	-49.3		0	99	90	5
OSLO/GARDERMOEN	3	988		9.8	2.7					1,437	0	2.7	4.8	0	76	215	8	2,979	0	-6.1	8.6	0	75	224	9	5,539	0	-21.7	10.5	0	78	235	14	9,111	0	-46.5		0	79	240	21
		11,748	0	-52.5		0	82	235	15	13,621	0	-50.0		0	86	235	10	16,266	0	-50.9		0	76	235	5	20,786	0	-49.7		0	74	100	3	24,138	0	-48.5		0	87	85	5
FINLAND																																									
SODANKYLA	3	991		5.7	5.3					1,419	0	-1.2	2.7	0	41	236	3	2,945	0	-9.1	5.7	0	56	272	6	5,475	0	-24.3	8.9	0	66	282	9	8,999	0	-49.0	8.9	0	67	282	14
		11,634	0	-50.1		0	79	285	10	13,521	0	-49.0		0	7	291	6	16,179	0	-49.8		0	71	314	3	20,720	0	-48.5		0	74	62	2	24,093	1	-47.2		0	92	87	5
JYVASKYLA	3	997		10.3	7.1					1,452	0	2.2	4.3	0	69	252	6	2,994	0	-6.5	7.9	0	70	268	8	5,545	0	-22.3	9.1	0	71	268	13	9,097	0	-48.0	10.1	0	73	268	19
		11,708	0	-54.2		0	81	274	14	13,568	0	-51.7		0	80	278	8	16,194	0	-52.1		0	69	296	4	20,694	0	-50.0		0	71	66	2	24,042	1	-48.8		1	94	81	4
JOKIOINEN	3	1,002		10.7	6.0					1,461	0	2.7	5.7	0	68	253	6	3,007	0	-5.8	8.5	0	72	259	9	5,567	0	-21.8	8.1	0	73	263	14	9,131	0	-47.7	9.6	0	74	265	20
		11,736	0	-55.5		0	79	271	14	13,585	0	-52.5		0	80	273	9	16,203	0	-53.0		0	66	290	4	20,689	0	-50.7		0	64	64	2	24,025	0	-49.5		0	93	84	5
FRANCE																																									
BREST/GUIPAVAS	1	1,005		9.3	2.1					1,468	2	2.9	6.7	5	79	238	9	3,022	2	-4.0	11.7	5	80	242	11	5,596	2	-20.7	9.8	3	75	240	15	9,204	4	-44.3		3	73	247	20
		11,844	5	-57.1		3	78	248	18	13,662	5	-56.2		5	79	248	12	16,247	7	-55.6		7	75	244	7	20,686	16	-55.2													
TRAPPES	1	998		11.5	3.1					1,494	1	5.0	6.7	9	68	214	7	3,056	2	-3.4	9.0	9	73	225	10	5,641	2	-19.2	9.0	9	61	229	12	9,242	4	-45.1					
		1,856	4	-58.3						13,664	4	-56.8						16,240	6	-56.5						20,664	9	-55.4						23,910	10	-53.7					
NANCY/ESSEY	2	994		16.8	6.4					1,513	1	6.7	5.8	2	75	227	5	3,083	1	-1.9	7.0	2	82	234	9	5,681	1	-18.4	9.4	2	77	235	12	9,299	1	-44.1		2	69	243	16
		11,915	1	-58.7		2	77	243	15	13,727	2	-57.7		3	80	246	11	16,298	2	-56.3		3	85	241	6	20,700	10	-54.4		9	18	182	0								
LYON/SATOLAS	2	992		18.5	7.0					1,531	4	9.2	7.2	4	68	212	5	3,113	4	-0.3	6.7	4	65	222	6	5,726	4	-16.5	9.3	4	68	246	10	9,363	4	-43.7		4	69	258	14
		11,971	5	-60.2		4	77	252	14	13,757	5	-60.0		5	86	250	12	16,305	5	-57.5		5	79	253	5	20,708	10	-55.4													
BORDEAUX/MERIGNAC	1	1,014		12.4	2.9					1,516	1	6.8	5.8	3	66	235	5	3,088	1	-1.7	6.0	3	77	240	9	5,693	1	-17.2	9.1	3	75	242	12	9,319	1	-44.5		3	70	245	17
		11,922	2	-59.6		4	82	254	19	13,718	2	-59.2		4	85	253	14	16,266	2	-58.1		4	86	251	8	20,652	6	-56.5		8	31	221	1	23,900	10	-54.3					
NIMES/COURBESSAC	1	1,012		15.2	4.1					1,526	1	9.8	8.9	2	13	192	1	3,113	1	0.4	9.1	2	41	248	4	5,729	1	-16.4	10.0	2	73	258	10	9,355	2	-44.2		2	74	262	13
		11,970	3	-60.8		2	76	263	13	13,753	3	-60.3		2	84	264	12	16,289	5	-58.2		5	86	258	6																
AJACCIO	2	1,017		21.3	5.3					1,523	3	11.5	9.3	4	21	269	1	3,118	3	2.1	11.5	4	60	283	4	5,758	5	-15.0	10.8	4	74	278	7	9,402	6	-43.2		4	73	282	9
		12,004	7	-61.6		4	70	282	10	13,780	7	-61.7		4	85	278	10	16,309	9	-59.3		4	81	283	6	20,672	19	-56.2													
BELGIUM																																									
UCCLE	2	1,005		14.4	5.3					1,488	1	4.5	2.9	1	82	221	8	3,048	1	-3.0	4.8	1	80	228	11	5,636	1	-18.4	5.7	1	72	229	15	9,250	1	-44.4	6.0	1	67	237	19
		11,881	1	-55.8		1	73	235	20	13,715	1	-53.7		1	80	233	17	16,321	1	-53.6		1	84	234	9	20,782	1	-52.3		1	32	216	1	24,106	1	-49.5		1	83	99	3
NETHERLANDS																																									
DE BILT	1	1,016		10.7	2.7					1,487	0	4.5	6.5	0	80	228	9	3,045	0	-3.7	11.4	0	78	230	11	5,626	0	-19.3	10.7	0	72	234	15	9,224	0	-45.6		0	65	237	19
		11,843	2	-57.3		0	72	240	18	13,672	2	-54.2		0	77	239	11	16,274	3	-54.4		0	76	235	6	20,720	3	-53.3		0	40	182	2	24,027	4	-51.5		0	87	92	4
SWITZERLAND																																									
PAYERNE	3	962		14.7						1,523	0	8.6	5.6	0	70	238	6	3,099	0	-1.5	5.5	0	74	230	8	5,699	0	-17.8	8.0	0	72	244	10	9,312	0	-45.5	5.6	0	71	252	13
		11,910	0	-50.7	5.2	0	76	255	13	13,698	0	-59.4		0	80	257	10	16,242	0	-58.3		0	72	256	4	20,609	0	-56.6		0	30	96	4	23,869	1	-54.1		2	81	95	4
FEDERAL REP OF GERMANY																																									
SCHLESWIG	3	1,011		12.0	4.4					1,481	0	4.0	4.5	0	72	227	8	3,037	0	-4.0	7.4	0	81	235	11	5,615	0	-19.9	7.7	0	78	230	14	9,202	0	-46.4	5.9	0	70	234	19
		11,808	0	-57.7	5.7	1	72	243	16	13,632	0	-54.8		2	79	243	9	16,224	0	-54.8		2	76	244	5	20,658	0	-53.8		4	31	54	1	23,949	0	-52.2		4	90	86	4
HANNOVER	3	1,011		14.6	5.7					1,495	0	5.3	4.4	0	72	234	7	3,058	0	-3.0	9.1	0	75	234	9	5,644	0	-19.1	7.3	0	73	236	13	9,244	0	-45.9	6.2	0	66	240	17
		11,849	0	-58.9	5.8	0	72	244	16	13,660	0	-56.4		0	81	246	11	16,239	0	-55.8		0	80	249	5	20,658	0	-54.5		0	51	92	1	23,944	0	-52.4		0	89	93	4
BERLIN/TEMPELHOF	2	1,012		17.4	9.1					1,508	0	6.3	7.2	0	53	213	4	3,077	0	-1.8	10.9	0	66	229	7	5,675	0	-18.3	11.0	0	69	238	10	9,283	0	-45.9	10.7	0	65	244	13
		11,882	0	-59.5	12.8	0	69	248	12	13,694	0	-56.0		0	77	249	9	16,276	2	-55.5		1	73	252	4	20,710	2	-53.4		2	68	97	2	24,018	3	-50.9		3	94	98	4
ESSEN	3	1,000		14.7	6.3					1,503	0	5.2	4.8	0	78	231	7	3,066	0	-3.0	8.6	0	81	235	10	5,652	0	-19.2	8.7	0	77	233	14	9,252	0	-45.6	6.1	0	68	234	19
		11,858	0	-58.6	6.0	0	73	241	17	13,672	0	-56.2		0	82	241	12	16,251	0	-55.8		0	84	239	7	20,667	0	-54.7		0	15	119	0	23,949	0	-52.7		0	90	95	3
STUTTGART/BAD CANNSTATT	3	981		15.5	5.1					1,517	0	7.8	4.2	0	61	245	4	3,091	0	-1.7	5.8	0	74	240	8	5,692	0	-17.9	7.3	0	73	241	10	9,305	0	-45.3	6.0	0	68	248	14
		11,908	0	-59.9	5.9	0	72	254	13	13,707	0	-58.1		0	79	252	9	16,268	0	-57.2		0	80	254	5	20,657	0	-55.5		0	55	82	1	23,927	0	-53.6		0	86	96	3
MUNCHEN/OBERSCHLEISSHEIM	3	9,620		14.8	4.3					1,520	0	9.2	5.2	0	54	269	3	3,100	0	-0.9	5.5	0	64	257	5	5,706	0	-17.3	8.7	0	63	246	7	9,327	0	-45.0	6.5	0	59	260	11
		11,927	0	-60.6	5.9	0	67	259	12	13,718	0	-59.2		0	76	263	8	16,270	0	-57.6		0	76	269	4	20,658	0	-55.4		0	56	85	1	23,928	0	-53.4		0	87	93	4
AUSTRIA																																									
WIEN/HOHE-WARTE	3	996		17.8	7.2					1,532	0	9.4	6.4	0	25	264	4	3,115	0	0.1	9.1	0	45	267	6	5,726	0	-17.0	12.4	0	48	262	9	9,343	0	-45.8		0	45	267	13
		11,927	0	-61.8		0	53	280	17	13,711	0	-59.5		0	70	287	13	16,258	0	-57.9		0	72	298	7	20,649	3	-54.6		3	45	87	2	23,932	8	-52.7		8	73	92	6

UPPER AIR DATA

MAY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
EUROPE		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
CZECHOSLOVAKIA																																											
PRAHA/LIBUS	3	982		16.3	6.8					1,517	0	9.0	4.7	0	29	303	2	3,097	0	-0.3	6.3	0	51	297	4	5,707	0	-17.0	7.8	0	59	289	7	9,329	0	-45.1	6.2	0	52	284	9
		11,928	0	-60.8	5.4	1	64	278	12	13,718	1	-59.0	6.0	1	70	275	8	16,272	1	-57.6	8.3	3	68	277	3	20,657	12	-55.3		9	31	76	1	23,977	23	-53.2		9	85	85	5
POPRAD/GANOVCE	3	937		13.6	5.5					1,528	0	9.4	5.1	0	15	188	1	3,105	0	0.1	7.6	0	33	248	2	5,720	0	-16.3	9.1	0	39	270	3	9,354	0	-44.3	6.8	0	50	296	7
		11,958	0	-61.1	5.4	0	57	299	9	13,740	0	-59.8	5.9	0	68	305	7	16,290	0	-57.6		0	71	307	4	20,684	0	-55.0		0	18	80	1	23,967	3	-53.7		5	83	80	4
HUNGARY																																											
BUDAPEST/LORINC	3	1,001		18.2	8.4					1,522		9.3	5.8		13	287	1	3,106		0.1	8.6		36	286	2	5,721		-16.7	9.9		43	298	4	9,347		-45.1	6.2		50	311	6
		11,941		-61.7			58	316	8	13,723		-59.8			68	319	7	16,272		-57.4			71	329	4	20,678		-54.7			49	82	1	23,962		-52.6			72	95	3
SZEGED	3	1,008		19.0	7.7					1,528	0	10.1	5.6	6	3	244	0	3,116	0	0.2	7.5	4	32	307	2	5,730	0	-16.9	9.4	3	32	320	3	9,353	0	-45.3	6.4	2	54	331	7
		11,946	0	-61.8		3	62	329	8	13,726	0	-60.1		3	69	324	6	16,275	5	-58.2		9	73	324	4	20,669	7	-55.1		12	25	99	1	23,948	12	-52.8		17	76	93	3
POLAND																																											
LEBA	3	1,018		13.1	5.6					1,501	0	5.5	6.7	0	54	245	5	3,068	0	-2.1	8.8	0	62	245	7	5,662	0	-18.8	8.8	0	64	245	10	9,265	0	-46.2		0	62	250	15
		11,859	0	-60.0		0	71	260	14	13,669	0	-56.4		0	76	260	9	16,255	4	-55.8		4	70	270	5	20,673	7	-53.2		8	42	90	1	23,963	4	-55.4		10	82	85	4
POZNAN	3	1,009		16.1	9.1					1,516	0	6.2	7.4	0	39	230	3	3,087	0	-1.7	9.5	0	55	245	5	5,683	0	-18.6		0	61	245	8	9,288	0	-46.2		0	51	260	11
		11,881	2	-60.4		2	67	265	12	13,679	5	-57.4		5	79	265	8	16,255	7	-56.2		7	70	280	4	20,668	11	-54.0		11	37	55	1								
LEGIONOWO	3	1,008		15.1	7.2					1,522	0	7.1	6.2	0	33	245	2	3,099	0	-0.6	8.7	0	42	245	4	5,708	0	-17.3	8.3	0	48	265	6	9,326	0	-45.8		0	50	280	8
		11,907	0	-61.5		0	64	290	10	13,774	1	-58.1		1	70	290	7	16,283	3	-56.8		3	70	305	4	20,685	6	-54.0		16	36	55	1	23,953	8	-52.1		8	97	90	5
WROCLAW I	3	1,005		13.6	3.8					1,516	0	7.5	4.8	0	38	270	3	3,093	0	-0.8	7.6	0	50	250	4	5,699	0	-17.5	7.6	0	52	240	7	9,327	0	-44.1	6.3	3	55	265	12
		11,940	0	-60.0		12	64	280	12	13,721	6	-59.9																															
GIBRALTAR																																											
NORTH FRONT	3	1,018		18.9	4.8					1,539	0	14.3	12.6	0	18	195	1	3,153	0	5.4	15.0	0	79	237	7	5,802	0	-14.2	9.0	0	88	244	12	9,468	0	-42.2	7.2	0	86	254	14
		12,093	0	-60.5		0	87	256	17	13,864	0	-63.4		0	92	259	15	16,367	0	-62.1		0	94	256	11	20,672	0	-58.6		0	3	285	0	23,907	1	-55.1		0	38	93	2
PORTUGAL																																											
LISBOA/GAGO CONTINHO	2	1,007		19.5	9.1					1,534	0	10.8	13.2					3,130	0	2.8	20.2					5,762	0	-14.9	16.9					9,417	0	-42.8	12.3				
		12,035	0	-61.0	12.5					13,810	0	-61.7	16.7					16,335	0	-60.4						20,689	1	-56.7						23,955	2	-53.1					
MADEIRA																																											
FUNCHAL	2	1,017		19.9	7.1					1,541	1	11.0	14.5	1	53	29	3	3,144	2	1.6	7.6	2	20	297	2	5,796	2	-12.5	18.0	2	56	278	6	9,476	2	-41.4		2	60	267	9
		12,106	4	-58.8		4	96	279	18	13,889	5	-62.6		5	80	274	12	16,394	7	-62.2		7	91	261	10																
SPAIN																																											
MADRID/BARAJAS	3	946		18.2	11.0					1,535	0	12.2	11.1	0	50	225	3	3,130	0	1.9	14.7	0	83	238	8	5,758	0	-15.3	15.2	0	96	254	14	9,407	0	-43.3	12.1	0	78	257	15
		12,021	0	-60.3		0	83	259	16	13,802	0	-61.0		0	92	258	13	16,336	0	-59.1		0	93	256	8	20,698	0	-56.1		0	13	136	1	23,966	0	-53.4		0	48	100	2
PALMA/SON BONET	3	1,013		15.9	5.6					1,541	0	13.4	14.2	0	40	302	3	3,144	0	3.3	14.0	0	61	285	5	5,780	0	-15.4	13.5	0	63	280	8	9,428	0	-43.5	11.9	0	57	288	11
		12,051	0	-60.7		0	74	280	14	13,817	0	-61.8		0	83	276	13	16,340	0	-60.3		0	88	277	9	20,686	0	-57.3		0	36	304	2	23,937	0	-53.3		0	20	325	1
YUGOSLAVIA																																											
ZAGREB/MAKSIMIR	1	1,003		14.8	2.5					1,527	0	10.7	5.1	0	6	294	0	3,116	0	0.2	6.0	0	28	293	2	5,735	0	-16.2	11.5	0	39	296	4	9,370	0	-44.5		0	45	309	6
		11,966	0	-61.7		0	62	310	8	13,741	0	-61.0		0	69	304	7	16,277	0	-59.0		0	73	315	3	20,647	1	-56.2		2	40	86	1	23,906	3	-54.3		6	79	83	3
BEOGRAD/ZELENO BRDO	3	990		21.6	7.5					1,530	0	10.2	7.0	0	24	316	1	3,116	0	0.2	11.3	0	41	344	2	5,731	0	-16.5	13.7	0	46	351	1	9,357	0	-45.0		0	59	344	8
		11,953	0	-61.2		0	69	342	10	13,739	0	-59.6		0	75	336	7	16,291	0	-57.9		0	75	331	4	20,689	3	-54.7		3	41	114	1	23,988	11	-52.1		9	62	94	3
USSR																																											
MURMANSK		1,006		3.4	4.7					1,416	0	-3.6	3.5	0	24	260	2	2,932	0	-10.7	5.7	0	36	283	4	5,447	0	-25.8	5.8	0	48	291	7	8,961	0	-49.1		0	54	295	13
		11,603	0	-49.0		0	73	296	9	13,494	0	-48.3		0	78	301	7	16,157	0	-49.2		0	66	321	4	20,703	2	-48.0		3	76	55	3	24,081	4	-47.0		5	80	77	4
ARKHANGELSK		1,015		5.8	6.6					1,432	0	-3.1	5.0	0	42	271	4	2,950	0	-10.5	7.3	0	61	285	7	5,468	0	-25.5	7.2	0	61	294	12	8,988	0	-48.9	5.7	0	71	301	18
		11,622	0	-50.2	6.5	0	74	302	13	13,503	0	-49.7	7.4	0	78	304	10	16,154	0	-50.2	8.3	0	67	313	7	20,694	0	-48.5	9.9	1	56	358	5	24,060	0	-47.8	11.1	1	68	42	5
LENINGRAD /TOWN/VILLE/		1,008		10.9	6.4					1,473	0	3.3	5.8	0	62	264	6	3,021	0	-5.3	7.3	0	63	273	8	5,592	0	-20.5	7.3	0	63	278	12	9,182	1	-46.6		1	67	282	17
		11,781	1	-56.4		1	72	290	14	13,627	1	-52.7		1	75	291	9	16,241	1	-52.8		1	72	302	5	20,736	3	-50.5		3	33	40	1	24,077	3	-49.2		4	94	66	4
KAUNAS		1,009		14.5	7.7					1,511	0	5.3	6.1	0	31	246	3	3,077	0	-2.1	7.6	0	43	251	5	5,671	0	-18.4	7.5	1	57	260	8	9,285	0	-45.0	5.6	4	58	281	12
		11,891	0	-59.7	4.8	7	56	276	11	13,694	0	-57.5	5.1	8	54	282	8	16,265	0	-55.9	5.6	7	50	272	6	20,704	0	-53.8	6.4	5	27	283	3	24,004	2	-52.5	7.3	5	18	280	2
MINSK		991		14.2	8.2					1,512	0	5.9	7.2	0	36	280	3	3,078	0	-2.2	9.4	0	36	298	4	5,666	0	-19.3	9.5	0	43	301	6	9,253	0	-47.2	5.9	0	55	322	10
		11,837	0	-59.9	5.2	0	62	317	10	13,650	0	-56.0	6.5	0	62	313	6	16,233	0	-55.0	8.1	0	55	315	3	20,675	0	-52.4	10.0	0	36	27	1	23,976	0	-51.2	11.2	0	81	89	4
VO.OGDA		1,001		10.2	9.5					1,468	0	1.1	6.6	1	53	285	5	3,004	0	-7.5	9.0	0	72	276	10	5,552	0	-22.6	8.2	0	70	279	15	9,106	0	-48.3	6.0	0	69	290	19
		11,712	0	-55.1	6.1	0	75	286	15	13,562	0	-52.4	6.8	0	81	289	10	16,182	0	-52.5	7.0	7	5	289	6	20,678	0	-50.4	9.2	0	15	337	1	24,013	0	-49.3	10.8	0	63	46	4
MOSKVA		995		12.2	7.4					1,492	0	3.9	7.8	0	37	303	3	3,044	0	-4.9	8.3	0	49	314	6	5,612	0	-20.9	9.5	0	55	318	9	9,186	0	-47.4	6.5	0	58	329	12
		11,786	0	-57.4	6.3	0	68	321	11	13,622	1	-54.3	8.3	1	80	312	8	16,229	1	-54.1	9.8	1	87	299	5	20,698	1	-52.0	12.4	1	34	3	1	24,022	5	-50.4	13.6	5	69	72	3
KAZAN		1,001		11.4	8.1					1,461	0	1.8	5.7	1	64	324	6	3,003	0	-7.0	5.5	1	70	307	8	5,553	0	-22.6	6.6	2	62	306	11	9,102	0	-48.2	4.7	0	63	309	12
		11,713	0	-54.0	5.0	0	61	307	12	13,567	0	-52.1	5.8	1	63	303	10	16,192	0	-52.2	6.5	1	65	301	9	20,683	0	-51.5	7.6	4	58	301	6	24,009	1	-50.5	9.3	4	64	299	6
SARATOV		997		14.6	11.7					1,495	0	5.3	8.1	0	42	332	3	3,051	0	-4.6	8.7	0	54	310	5	5,619	0	-21.3	9.1	0	59	310	7	9,184	0	-48.0	7.0	0	48	292	8
		11,786	0	-55.9	6.6	1	58	287	8	13,626	0	-53.4	7.1	1	68	270	7	16,233	0	-53.2	7.9	1	79	259	7	20,694	0	-53.1	9.0	2	41	269	2	23,996	2	-50.9	9.7	4	69	93	4
LVOV		980		16.0	7.5					1,522	0	7.9	6.5	0	17	281	1	3,099	0	-0.9	10.0	1	16	311	1	5,707	0	-17.7	10.7	0	47	323	4	9,319	0	-45.1	7.2	0	61	332	9
		11,929	1	-59.7	6.5	2	66	332	9	13,727	1	-58.7	6.7	2	73	320	71									20,702	1	-54.5	8.0	3	18	94	1	23,996	1	-52.6	8.9	5	62	112	4
KIEV		999		17.1	11.5					1,517	0	7.7	9.0	0	30	337	2	3,086	0	-1.7	11.3	0	43	346	4	5,681	0	-18.3	11.5	0	49	355	6	9,290	0	-45.1	8.4	0	67	360	11
		11,902	0	-58.7	6.8	0	73	356	11	13,715	0	-56.5	7.7	0	79	348	7	16,295	0	-55.0	9.4	0	60	317	3	20,735	0	-53.3	11.2	0	0	293	0	24,031	0	-52.3		1	70	92	3
HAR KOV		1,000		15.3	9.8					1,508	1	6.4	7.3	1	38	9	3	3,071	1	-3.9	7.7	1	48	9	4	5,651	1	-20.1	10.5	1	49	200	6	9,229	1	-47.0		1	49	20	9
		11,841	1	-56.6		1	55	9	6	13,676	1	-54.6		1	66	335	4	16,278	1	-54.2		1	71	268	3	20,726	2	-53.6		2	31	247	1	24,004	4	-53.0		4	86	98	3
ODESSA		1,013		17.0	8.8					1,515	1	7.4	8.4	1	72	25	5	3,083	1	-2.4	10.4	1	67	14	6	5,671	2	-19.4	11.7	2	71	10	9	9,256	2	-47.0	7.5	2	80	61	4
		11,861	3	-57.2	6.7	3	78	1	12	13,687	3	-55.4	8.0	4	76	350	7	16,271	4	-55.1	9.3	4	37	304	2	20,703	4	-54.3	10.9	4	23	148	1	23,984	4	-53.0	11.7	4	64	94	3
ROSTOV-NA-DONU		1,007		21.6	11.5					1,526	18	12.1	11.6	9	59	87	4	3,117	18	2.1	10.2	9	34	91	3	5,724	18	-17.8	10.9	9	34	105	3	9,331	18	-46.5	7.9	9	23	145	3
		11,928	18	-57.2	7.2	9	9	169	1	13,758	18	-55.3	8.3	9	55	247	3	16,341	18	-55.6	9.5	9	96	255	5	20,774	18	-54.8	10.6	9	42	79	1	24,063	19	-51.8	11.4	9	91	78	4
TBILISI		951		14.9	7.7					1,499	2	9.8	5.4	4	49	151	2	3,078	1	-0.3	3.4	2	49	207	4	5,683	1	-17.1	5.1	1	78	242	11	9,315	1	-45.2	5.7	1	82	241	18
		11,930	5	-56.1	6.2	4	8	245	22	13,771	7	-54.8	7.1	7	89	248	18	16,369	10	-55.3	8.1	9	91	246	14	20,742	9	-56.8	11.0	9	42	239	3								

UPPER AIR DATA

MAY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AFRICA																																									
MOROCCO																																									
CASABLANCA	2	1,010		20.8	7.8					1,519	4	15.7	15.6	6	4	360	0	3,135	3	5.8	14.3	5	7	222	1	5,782	4	-13.8	10.4	7	72	235	8	9,451	3	-41.6		9	78	247	13
		12,076	5	-59.7		9	85	252	14	13,850	7	-63.2		9	91	252	16	16,352	7	-62.6		9	95	252	14	20,656	11	-58.5													
ALGERIA																																									
ALGER/DAR EL BEIDA	3	1,014		19.7	5.4					1,542	0	16.1	14.7	0	38	200	3	3,159	0	5.1	2.4	0	79	270	6	5,801	0	-15.0	11.5	0	91	280	10	9,555	0	-42.5		0	86	270	13
		12,074	0	-50.8		0	88	270	16	13,843	0	-52.9		1	93	270	15	16,353	2	-51.8		5	95	270	10																
ELBAYADH	1																	3,169	1	5.7	15.2	1	5	200	4	5,821	1	-14.5	9.9	1	3	180	8	9,486	1	-41.8		1	9	190	15
		12,112	1	-58.7		1	9	180	17	13,883	1	-64.7		2	9	180	20	16,367	11	-64.4		9	10	180	18																
BECHAR	3	924		23.4	22.0					1,538	1	22.1	24.8	1	55	210	5	3,178	1	8.3	14.1	1	51	230	3	5,842	1	-12.6	13.1	1	75	250	7					4	81	260	13
		12,161	2	-59.1		9	90	270	17	13,939	2	-63.1						16,429	13	-64.3																					
IN SALAH	2	977		34.4	28.2					1,545	0	22.5	23.8	0	70	270	4	3,189	0	9.8	20.5	0	29	10	5	5,865	0	-11.3	19.1	0	63	270	7	9,577	0	-38.4	14.2	1	91	280	19
		12,943	0	-57.7		2	95	280	28	14,024	0	-63.7		3	97	280	32	16,486	2	-68.8		6	97	280	24	20,681	8	-59.9													
TAMANRASSET	3	866		27.6	27.8					1,536	0	26.3	26.6	1	36	90	6	3,200	0	11.5	14.9	1	13	200	14	5,891	0	-10.3	13.1	2	58	190	12	9,632	0	-33.9	12.7	0	29	212	15
																		16,516	4	-73.5																					
SUDAN																																									
KHARTOUM		966		38.1	34.5					1,539	0	27.8	29.8	0	85	360	6	3,187	0	14.4	24.1	4	64	260	2	5,120	0	-7.3	13.2	7	76	238	6	9,754	0	-31.1	20.2	8	69	266	10
		12,494	0	-53.1		8	19	257	5	14,291	0	-66.2		8	80	277	12	16,659	1	-75.2		9	84	268	11	20,724	14	-64.9		9	37	198	3								
MAURITANIA																																									
NOUADHIBOU	2	1,013		21.7	5.0					1,539	5	22.6	27.8	8	19	144	1	3,189	5	10.5	19.9	9	71	214	7	5,877	5	-10.6	14.4	9	92	226	10	9,618	5	-35.1	15.7				
		12,304	5	-54.3						16,543	5	-71.0																													
SENEGAL																																									
DAKAR/YOFF	3	1,009		22.6	3.7					1,536	1	23.1		3	72	54	4	3,193	1	10.8	11.7	3	78	104	6	5,896	2	-7.9	13.1	6	43	188	3	9,685	1	-33.1	17.7	7	88	250	15
		12,408	1	-54.0		9	90	251	22	16,591	1	-76.2		9	85	242	11									20,669	13	-63.0													
MALI																																									
BAMAKO/SENOU	3	967		30.8	12.1					1,523	0	23.9	14.2	0	37	75	3	3,184	0	11.1	10.1	1	93	75	11	5,896	0	-6.4	8.8	1	53	95	4	9,707	0	-31.5	10.0	2	82	235	11
		12,446	0	-53.7		2	82	240	17	16,612	0	-78.2		2	69	240	11																								
NIGER																																									
NIAMEY-AERO	3	984		34.3	19.8					1,529	0	25.6	17.3	1	10	30	1	3,196	0	12.3	14.9	1	39	80	6	5,908	0	-6.3	12.7	1	27	80	3	9,721	0	-31.6	12.0	1	41	270	7
		12,251	0	-66.5		1	65	270	19	16,625	0	-78.9		3	29	250	6									20,674	5	-63.7		8	17	90	2	23,890	14	-53.9		9	44	100	11
CENTRAL AFRICAN REP																																									
BANGUI		969		26.6	21.4					1,516		20.6	14.4			143	8	3,165		10.1	4.5			77	22	5,877		-5.7	12.8					9,700		-30.6	38.5				
		12,448		-52.5						14,244		-65.7						16,584		-31.1																					
KENYA																																									
NAIROBI/DAGORETTI	1	823		15.2	0.7													3,150	0	8.2	2.7	0	74	165	4	5,864	0	-5.5	11.4	0	65	175	5	9,684	0	-31.9	18.1	0	46	60	3
		12,416	0	-53.5		0	53	310	4	14,206	0	-67.1		1	62	325	6	16,562	0	-79.7		2	26	70	2	20,606	2	-66.3		8	86	5	14	23,756	20	-59.1		9	29	50	3
ETHIOPIA																																									
ADDIS ABABA	2	766		02.2	21.1													3,146	3	13.9	9.1	3	100	90	3	5,878	3	-5.7	9.7	3	86	75	6	9,708	3	-30.1	18.1	5	72	90	5
		12,458	3	-51.9	12.7	5	43	100	3	14,268	3	-64.9		6	50	100	4	16,653	3	-78.5		6	72	80	5	20,728	7	-63.8		12	60	260	3	23,903	28	-55.4		28		255	7
ZIMBABWE																																									
BULAWAYO/GOETZ OBS	1	871		12.0	4.3					1,548	0	14.7	9.6	1	100	108	7	3,167	0	5.5	12.6	1	13	225	1	5,853	0	-8.5	26.0	0	46	252	3	9,607	0	-35.7	20.9	0	90	255	14
		12,320	0	-53.4	18.8	2	94	261	24	14,127	0	-63.2		2	96	263	22	16,562	2	-72.5		5	88	267	11	20,679	5	-64.0		9	60	59	3	23,902	6	-52.5		10	82	98	7
HARARE (BELVEDERE)	1	~~12,591~~		12.5	3.5					1,549	1	13.6	5.5	1	67	64	2	3,168	1	6.2	11.4	1	25	90	1	5,868	1	-7.6	28.8	1	77	259	5	9,635	1	-34.4	25.4	3	86	266	17
		12,365	10	-52.7	20.5	11	88	266	23					14	94	267	23					17	96	272	13																
ZAMBIA																																									
LUSAKA CITY AIRPORT	2	876		21.8	8.6					1,544	3	18.8	11.6	6	98	297	9	3,166	3	8.0	20.0	6	50	333	2	5,869	3	-16.1	31.4	9	80	121	12	9,654	3	-33.3	18.7	9	56	117	22
		12,378	3	-53.5		9	66	135	23	14,179	3	-64.9		9	11	149	6	16,560	6	-76.5						20,627	16	-63.1						23,838	29	-53.9					
OCEAN ISLANDS																																									
MARTIN DE VIVIES (ILE AMSTER	2	1,008		14.9	4.0					1,463	1	6.4	4.9	1	85	288	13	3,038	1	-0.4	10.8	1	88	282	16	5,650	1	-16.4	12.8	2	86	278	18	9,291	1	-42.9	10.3	4	88	277	24
		11,913	2	-59.3		5	93	280	26	13,716	2	-58.4						16,251	15	-60.6						20,570	28	-58.3						23,769	22	-53.8					
PORT-AUX-FRANCAIS/KERGUELEN	2	992		4.2	4.5					1,266	2	-3.2	6.3	2	91	267	14	2,781	2	-11.0	10.0	2	93	269	18	5,287	2	-26.6	8.2	2	92	275	24	8,804	2	-47.6		2	88	276	32
		11,431	2	-53.6		2	95	274	32	13,284	2	-52.3		2	96	274	29	15,915	5	-52.4		8	97	272	26																
SOUTH AFRICA																																									
UPINGTON	1	923		14.1	11.5					1,541	0	16.9	16.9	0	59	345	4	3,162	0	6.0	17.8	0	77	291	6	5,830	0	-10.8	19.0	0	79	270	8	9,545	0	-38.6	13.6	0	78	254	14
		12,207	0	-57.5		0	88	261	19	13,998	0	-62.8		0	89	263	22	16,452	0	-69.5		0	85	264	13	20,627	0	-61.9		0	9	338	1	23,851	2	-53.6		3	85	111	8
PRETORIA/IRENE	1	853		10.0	6.9					1,555	1	10.2	7.3	2	65	162	1	3,169	0	4.8	10.3	0	68	256	4	5,837	0	-10.0	21.7	0	58	247	5	9,554	0	-38.7	15.2	0	74	249	10
		12,223	0	-55.9		0	84	251	16	14,021	0	-62.8		0	88	258	18	16,468	0	-70.3		0	92	265	14	20,616	0	-62.8		0	12	141	1	23,831	2	-53.8		4	77	99	6
BLOEMFONTEIN/J.B.M. HERTZOG	1	870		6.5	8.0					1,549	0	11.7	13.0	0	50	325	1	3,161	0	4.4	13.4	0	86	279	6	5,819	0	-11.7	20.8	0	78	260	9	9,520	0	-39.2	15.8	0	86	247	14
		12,178	0	-57.6		0	87	249	19	13,969	0	-62.8		0	88	253	20	16,429	0	-68.7		0	89	259	15	20,617	0	-61.7		0	38	238	1	23,835	1	-53.9		3	73	107	5
ALEXANDER BAY	1	1,014		13.0	1.9					1,526	2	16.9	20.3	2	43	350	2	3,149	2	6.8	19.6	2	70	297	5	5,822	2	-10.6	17.0	2	68	269	9	9,542	2	-38.6	12.6	2	74	260	15
		12,204	2	-57.2		2	86	260	21	13,993	2	-63.6		2	91	265	23	16,449	3	-69.6		4	86	264	13	20,616	9	-62.1		9	24	108	1	23,834	12	-54.0		9	89	107	8
CAPE TOWN/D.B.MALAN	1	1,012		13.4	1.7					1,515	0	11.0	9.2	0	74	297	7	3,114	0	3.5	16.5	0	82	286	13	5,762	0	-13.0	14.4	0	85	275	19	9,446	0	-40.5	11.1	0	86	270	29
		12,088	0	-59.2		0	83	266	35	13,873	0	-62.0		0	90	267	33	16,359	0	-65.6		0	90	272	23	20,621	1	-58.5		1	48	255	3	23,878	1	-52.3		3	57	102	5
PORT ELIZABETH	1	1,009		15.4	3.4					1,522	0	13.0	11.8	0	82	278	7	3,122	0	2.8	13.1	0	91	273	12	5,765	0	-13.2	14.7	0	91	268	15	9,441	0	-40.9	11.1	0	85	260	22
		12,080	0	-59.3		0	87	261	24	13,866	0	-61.6		0	90	259	24	16,353	0	-64.7		0	91	265	17	20,619	0	-58.8		1	56	262	3	23,870	3	-52.7		4	31	125	2
DURBAN/LOUIS BOTHA	1	1,016		16.9	2.7					1,542	1	14.5	11.1	1	38	290	2	3,153	1	4.5	13.5	1	81	250	5	5,810	1	-11.8	20.6	1	81	260	8	9,506	1	-40.0	13.5	1	78	256	13
		12,161	1	-57.4		1	86	253	18	13,951	1	-62.6		1	89	257	19	16,420	1	-67.6		0	93	265	14	20,626	1	-61.3		1	23	267	1	23,849	4	-53.8		4	66	106	5
GOUGH ISLAND	1	1,002		11.7	3.3					1,408	0	3.0	5.7	0	64	267	9	2,962	0	-3.6	15.7	0	70	263	15	5,542	0	-19.4	13.8	0	86	276	24	9,144	0	-44.7	12.8	0	84	274	36
		11,769	0	-57.5		0	84	272	40	13,587	0	-57.1		0	91	277	33	16,142	0	-58.4		0	95	278	27	20,520	3	-55.1		3	94	287	15								

UPPER AIR DATA

MAY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
AFRICA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH AFRICA																																									
MARION ISLAND	1	1,001		4.7	2.9					1,342	1	-1.5	9.9	1	85	267	14	2,868	1	-8.7	22.7	1	90	262	17	5,402	1	-23.4	22.1	1	90	262	26	8,948	1	-48.4	17.9	1	89	261	35
		11,547	1	-56.2		1	94	263	32	13,381	1	-54.9		1	96	265	34	15,974	1	-54.6		1	97	264	31	20,429	3	-49.2		3	95	273	20								
ASIA																																									
USSR-WESTERN																																									
DRUJNAYA/OSTROV HEJSA/		1,017		-7.7	2.1					1,414	0	-7.6	3.9	0	30	65	2	2,912	0	-13.5	7.1	0	24	41	2	5,396	0	-29.3	6.8	0	18	6	2	8,858	0	-51.8	5.1	0	12	341	2
		11,506	0	-46.8	6.9	0	42	353	3	13,418	0	-46.2	8.5	0	53	2	3	16,114	0	-45.9	10.1	0	59	10	3	20,746	0	-43.5	12.8	0	44	59	2	24,210	0	-40.2	14.8	0	72	71	3
MYS CELJUSKIN		1,016		-10.4	1.9					1,387	0	-10.5	6.0	0	37	64	3	2,870	0	-15.8	7.0	0	31	43	3	5,341	0	-30.5	6.7	0	31	24	4	8,804	0	-49.8		0	24	21	4
		11,475	0	-45.5		0	37	36	3	13,393	0	-45.5		0	43	51	3	16,096	0	-45.2		0	55	78	3	20,728	0	-44.4		0	62	84	3	24,153	0	-43.7		0	84	84	4
OSTROV DIKSON		1,005		-4.7	1.9					1,360	10	-6.6	4.4	9	23	56	2	2,860	10	-12.9	6.2	9	23	18	2	5,355	10	-27.5	6.7	9	27	350	3	8,841	10	-49.8	5.3	9	27	319	3
		11,504	10	-46.3	8.6	9	50	323	3	13,415	10	-46.1	10.8	9	49	329	2	16,101	10	-46.3	12.6	9	70	349	2	20,715	10	-45.0	14.9	9	66	60	2	24,130	12	-44.4		9	88	81	3
MYS KAMENNYJ		1,014		-5.9	2.3					1,377	0	-8.7	4.9	4	11	342	1	2,865	0	-15.3	5.1	5	0	123	0	5,337	0	-30.3	5.9	5	4	64	1	8,810	0	-49.3	5.0	6	37	356	5
		11,475	0	-46.3	6.9	4	27	344	2	13,389	0	-45.9	8.1	4	39	329	2	16,082	0	-46.7	9.5	3	39	327	2	20,695	0	-45.4	11.4	1	56	52	3	24,118	0	-43.4	12.5	0	85	68	6
NAR JAN-MAR		1,015		-3.6	3.4					1,403	0	-6.9	5.9	0	36	337	3	2,900	0	-13.7	7.6	0	49	339	5	5,385	0	-29.1	6.6	0	49	335	7	8,871	0	-48.8	5.3	0	55	338	10
		11,538	0	-46.9	7.2	0	74	330	8	13,449	0	-47.0	8.3	0	72	334	6	16,127	0	-48.0	9.4	0	69	338	4	20,706	0	-47.0	10.9	0	86	63	3	24,092	0	-46.8	12.6	0	93	79	5
SALEHARD		1,012		-5.4	3.3					1,373	14	-12.2	4.5	9	39	323	3	2,841	14	-18.6	5.0	9	65	313	6	5,287	14	-32.1	6.6	9	55	301	7	8,770	14	-45.9		9	69	304	10
		11,460	14	-44.3		9	86	298	8	13,381	14	-45.0		9	92	300	7	16,081	14	-46.6		9	91	317	5	20,683	14	-46.5		9	0	15	3	24,073	14	-46.6		9	90	55	4
HATANGA		1,011		-7.9	2.7					1,375	0	-8.5	3.8	0	11	22	1	2,866	0	-14.7	4.6	0	11	6	1	5,344	0	-29.3	4.0	1	1	325	2	8,815	0	-50.8	3.9	0	11	288	2
		11,465	0	-47.1	5.5	0	16	355	2	13,379	0	-46.3	7.0	0	26	27	2	16,075	0	-46.8	8.8	0	35	57	2	20,676	0	-46.3	11.3	0	90	86	4	24,073	1	-45.6	13.0	1	92	81	5
TURUHANSK		1,005		-0.8	5.5					1,361	11	-7.0	5.0	9	53	231	4	2,854	11	-14.0	5.1	9	60	244	6	5,342	11	-28.5	7.6	9	53	244	7	8,834	11	-47.6		9	57	244	11
		11,510	11	-46.1		9	83	262	10	13,428	11	-46.0		9	88	269	8	16,105	11	-46.9		9	88	277	6	20,692	11	-47.3		9	68	335	2	24,075	11	-46.9		9	95	61	4
SYKTYVKAR		1,001		5.8	8.5					1,439	0	-13.0	6.8	0	62	317	6	2,952	0	-11.4	7.5	0	68	316	8	5,461	0	-26.2	8.4	0	68	313	13	8,974	0	-48.2		0	68	310	19
		11,622	0	-49.3		0	74	309	13	13,509	0	-48.8		0	80	309	9	16,163	0	-50.2		0	85	306	6	20,697	0	-48.9		0	66	359	2	24,049	0	-48.3		0	87	76	4
HANTY-MANSIJSK		1,007		4.0	6.0					1,397	0	-3.9	5.2	0	35	287	3	2,902	0	-12.0	5.7	0	60	280	6	5,407	0	-25.8	7.4	0	66	277	11	8,929	0	-48.3		1	67	276	16
		11,585	1	-47.3		2	78	298	12	13,482	1	-47.2		2	82	276	10	16,155	1	-48.2		1	89	273	8	20,709	1	-48.8		2	49	275	2	24,051	2	-48.2		2	73	59	3
TURA		990		2.0	8.7					1,408	1	-5.0	6.1	0	41	290	37									5,388	0	-29.5	6.1	0	54	279	7	8,869	0	-49.9	4.6	0	47	276	9
		11,524	0	-47.2	7.6	0	75	276	9	13,428	0	-47.0	9.2	0	75	283	7	16,109	0	-47.7	10.3	0	69	292	5	20,695	0	-47.4	11.7	0	58	29	2	24,068	2	-46.6	12.3	2	88	77	4
SVERDLOVSK		978		6.3	7.2					1,425	0	-0.6	6.0	0	54	308	5	2,951	0	-9.2	7.0	0	73	288	9	5,477	0	-45.2	7.7	0	62	284	11	9,005	0	-48.4		0	62	287	15
		11,654	0	-50.0		0	80	280	14	13,535	0	-49.4		0	80	276	11	16,185	0	-50.6		0	86	270	9	20,702	0	-50.8		0	43	273	2	24,041	0	-49.4		0	81	68	4
OMSK		1,000		9.1	7.1					1,421	0	2.7	5.6	0	37	250	4	2,965	0	-6.2	6.5	0	68	259	10	5,517	0	-22.1	8.2	0	74	260	15	9,084	0	-46.8		0	73	262	21
		11,732	0	-51.3		0	85	262	19	13,608	0	-50.1		0	90	263	15	16,252	0	-51.1		0	90	263	11	20,739	0	-52.4		0	61	272	3	24,055	1	-50.4		1	73	63	3
KOLPASEV		1,004		5.5	6.5					1,422	0	-2.1	6.6	0	47	259	4	2,944	0	-9.4	7.1	0	79	262	10	5,476	0	-23.3	8.4	0	84	262	17	9,029	0	-46.9		0	84	259	23
		11,680	0	-49.9		0	95	263	22	13,567	1	-48.6		1	93	265	17	16,237	1	-49.2		2	91	267	12	20,752	2	-50.6		2	83	280	5	24,093	4	-49.2		4	41	53	2
KRASNOJARSK		988		8.3	8.8					1,439	3	2.0	7.2	3	58	269	5	2,980	3	-6.5	7.3	3	86	266	10	5,532	3	-21.0	8.1	3	86	272	17	9,116	3	-46.2		3	84	272	23
		11,753	3	-53.6		3	90	272	21	13,621	3	-50.3		3	88	275	16	16,267	4	-51.1		3	94	280	13	20,760	4	-51.5		5	78	293	5	24,101	4	-49.3		4	70	43	4
KIRENSK		983		5.2	10.1					1,424	2	-2.3	10.0	2	55	283	4	2,940	2	-12.3	7.4	2	86	284	9	5,450	2	-26.8	8.4	2	89	286	15	8,968	3	-48.8	5.9	2	79	289	22
		11,614	2	-50.0	7.7	2	89	294	20	13,494	2	-48.9	9.8	2	89	295	14	16,150	2	-49.8	10.6	2	90	298	10	20,675	4	-50.5	11.4	5	59	326	3	23,990	7	-49.5	12.6	9	63	49	3
ORENBURG		1,000		13.3	11.4					1,462	0	4.3	10.2	0	49	293	5	3,006	0	-7.5	9.6	0	62	282	9	5,525	0	-28.5	10.1	0	62	281	12	8,983	0	-51.4		0	73	273	15
		11,615	0	-52.8		0	76	270	13	13,481	0	-52.1		0	76	270	12	16,104	0	-53.2		0	81	270	10	20,597	2	-50.8		2	40	281	4	23,956	4	-46.4		4	20	42	2
KUSTANAJ		992		10.6						1,438	0	4.1	6.8	0	61	282	6	2,986	0	-5.9	5.8	0	74	282	10	5,543	0	-21.5	8.2	0	73	273	15	9,123	0	-45.4		0	73	269	21
		11,764	0	-52.6		0	81	268	19	13,622	0	-50.6		0	85	264	15	16,256	0	-51.3		0	89	262	11	20,733	0	-53.3		0	74	269	4	24,029	0	-51.3		0	52	60	2
KARAGANDA		948		13.0	7.9					1,465	0	9.2	8.8	0	62	249	6	3,036	0	-2.1	6.6	0	74	257	11	5,620	0	-18.6	8.5	0	80	257	16	9,219	0	-45.5		0	80	256	22
		11,841	0	-55.2		0	86	258	20	13,692	0	-52.1		0	86	259	17	16,310	0	-53.1		0	86	257	13	20,746	0	-53.9		1	58	265	4	24,041	2	-51.0		2	33	55	2
GUREV		1,016		17.1	4.6					1,485	1	9.2	13.0	1	28	301	2	3,061	1	-1.1	9.3	1	34	273	3	5,669	1	-16.8	9.7	1	59	261	7	9,309	1	-42.3		1	64	250	12
		11,949	1	-56.0		1	75	249	15	13,784	1	-53.3		1	88	252	15	16,390	1	-53.1		1	88	251	12	20,846	8	-56.2		9	75	252	5	24,108	14	-53.4		9	0	57	0
ASHABAD		977		23.5	15.8					1,496	0	15.7	13.2	0	0	61	0	3,108	0	4.5	9.6	0	76	249	6	5,748	0	-14.3	10.8	0	88	260	15	9,410	0	-41.6	9.1	0	88	266	28
		12,052	1	-56.6	8.1	1	94	265	35	13,861	3	-57.7	8.3	3	93	262	32	16,403	8	-61.1	8.6	8	89	256	21	20,671	13	-60.7	9.1	9	45	234	2	23,901	15	-55.5	10.8	9	52	98	2
TASKENT		957		21.6	16.0					1,504	0	15.9	16.2	0	46	260	2	3,112	0	2.8	10.6	0	72	257	5	5,743	0	-15.8	12.7	0	79	259	10	9,387	0	-44.0	8.8	0	78	261	15
		12,014	0	-56.0	8.1	0	88	266	18	13,847	0	-54.6	8.9	0	94	266	18	16,423	0	-57.4	9.8	0	92	266	14	20,762	0	-58.5	10.4	0	34	261	2	24,010	0	-53.8	11.5	0	48	58	2
ALMA-ATA		938		16.2	8.2					1,503	0	14.5	12.2	0	18	294	1	3,104	0	1.6	8.5	0	79	270	5	5,731	0	-16.7	9.2	0	70	286	8	9,381	0	-44.1	6.3	0	77	266	15
		11,991	0	-58.2	5.6	0	82	273	17	13,815	7	-55.4	7.1	0	88	275	16	16,382	0	-58.3	8.2	0	86	276	14	20,696	0	-58.7	8.8	0	46	288	2	23,925	1	-54.5	10.1	1	62	74	4
USSR-EASTERN																																									
OSTROV KOTELNYJ		1,013		-8.7	1.9					1,373	0	-11.4	3.2	0	31	98	3	2,847	0	-16.9	5.2	0	30	99	3	5,300	0	-31.7	5.2	0	12	121	2	8,764	0	-48.0	5.8	0	12	136	3
		11,462	0	-43.9	9.0	0	24	129	3	13,388	0	-44.1	10.2	0	43	126	3	16,099	0	-45.0	10.9	0	59	119	3	20,724	0	-44.4	12.1	0	91	111	4	24,149	1	-43.1	13.0	1	97	100	5
OSTROV CETYREHSTOLBOVOJ		1,007		-5.3	1.2					1,373	2	-6.8	4.8	2	22	136	2	2,866	2	-14.5	6.7	2	22	148	2	5,345	2	-29.6	7.7	2	5	160	1	8,818	2	-48.9	6.2	2	17	191	3
		11,493	2	-46.0	8.6	2	16	193	2	13,406	2	-45.3	10.0	2	27	164	2	16,098	2	-46.7	10.9	2	40	138	2	20,697	4	-46.4	12.1	5	81	111	3	24,094	5	-45.0	13.0	5	78	100	4
MYS SMIDTA		1,014		-3.7	2.1					1,389	0	-7.1	4.4	0	0	233	0	2,881	0	-14.7	5.4	0	31	197	2	5,355	0	-29.2	6.3	0	31	208	3	8,840	0	-48.2	5.8	0	31	229	5
		11,504	0	-47.0	8.2	0	36	236	4	13,411	0	-46.2	9.9	0	39	223	3	16,104	0	-47.3	11.0	0	34	187	2	20,687	0	-46.9	12.4	0	68	129	3	24,065	1	-46.4	13.3	1	97	104	5
ANADYR		1,013		-0.9	2.8					1,391	0	-6.7	3.9	0	0	282	0	2,888	0	-14.0	4.9	0	24	258	2	5,380	0	-27.7	6.5	0	36	263	5	8,883	0	-49.6	5.9	0	42	267	9
		11,532	0	-48.0	8.2	0	47	258	6	13,433	1	-47.4	9.7	1	44	258	4	16,117	1	-48.7	10.8	1	37	234	2	20,685	1	-48.4	11.8	1	52	119	2	24,056	2	-47.7	12.5	2	95	104	5
KORF		1,012		3.2	3.7					1,394	0	-5.4	3.5	0	37	208	3	2,902	0	-11.5	5.9	0	37	239	4	5,418	0	-25.0	5.9	0	55	266	9	8,950	0	-48.1	4.9	0	55	271	15
		11,584	0	-51.1	5.6	0	61	258	12	13,465	0	-48.9	6.6	0	66	250	8									20,682	0	-48.8	9.2	0	20	120	1	24,025	2	-48.5	10.6	4	87	91	4
PETROPAVLOVSK/KAMCATSKIJ		1,000		4.9	5.0					1,396	0	-1.1	5.2	0	6	171		2,926	0	-7.7	5.6	0	24	217	4	5,470	0	-22.6	8.0	0	43	236	8	9,035	0	-46.5	5.4	0	54	238	13
		11,673	0	-52.6		0	75	242	16	13,530	0	-51.3		0	75	241	12	16,163	0	-51.6		0	77	243	8	20,662	2	-51.4		2	63	197	3	23,977	5	-50.6		5	92	114	4
OHOTSK		1,008		1.4	3.5					1,371	0	-4.0	5.7	0	12	79	1	2,876	0	-12.5	6.4	0	6	281	1	5,373	0	-27.3	7.4	0	42	260	7	8,865	0	-51.4	5.1	0	54	262	12
		11,494	0	-49.8	7.0	0	60	251	8	13,278	0	-48.9	8.4	0	58	240	5	16,040	0	-49.2	9.6	0	57	222	4	20,587	0	-49.0	10.8	0	50	124	2	23,946	1	-48.6	11.7	1	76	99	4

UPPER AIR DATA

MAY 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-EASTERN																																									
JUZNO-SAHALINSK		1,004		7.8	5.3					1,376	10	2.5	7.4	9	41	264	5	2,924	10	-6.0	8.0	9	41	279	6	5,471	10	-23.2	7.7	9	58	274	9	9,022	10	-47.7		9	63	263	16
		1,646	10	-51.6		9	79	267	18	13,515	10	-50.9		9	83	263	16	16,141	10	-52.5		9	86	262	13	20,611	13	-51.8		9	75	234	4	23,922	13	-50.9		9	81	161	3
VLADIVOSTOK		996		10.6	5.7					1,403	0	7.4	11.2	0	34	274	4	2,971	0	-3.2	6.4	0	58	286	7	5,551	0	-19.9	9.4	0	76	285	13	9,145	1	-44.6		1	66	278	18
		1,800	1	-51.3		1	81	275	23	13,672	1	-51.4		1	90	274	22	16,293	2	-53.9		2	94	276	18	20,710	4	-55.5		5	78	279	5	23,991	6	-52.1		6	23	169	1
OLENEK		984		-0.4	5.7					1,353	4	-6.7	4.3	5	13	303	1	2,850	4	-13.7	6.6	4	24	310	2	5,334	5	-28.6	6.2	5	14	307	2	8,799	7	-51.0	5.3	6	17	298	4
		1,451	8	-46.7	8.5	7	21	299	2	13,336	9	-46.1	10.7	7	12	307	1	16,060	7	-46.5	12.2	7	15	24	1	20,679	9	-45.8	13.9	9	65	87	3	24,079	13	-44.3	15.0	9	88	88	5
VERHOJANSK		995		3.0	8.1					1,389	10	-5.3	5.0	9	32	270	2	2,887	10	-14.4	4.6	9	49	288	4	5,365	10	-29.4	4.8	9	56	296	8	8,839	10	-49.2	4.4	9	60	303	12
		1,515	10	-45.4	6.6	9	57	287	6	13,435	10	-45.3	7.8	9	38	282	3	16,135	10	-45.8	9.2	9	0	52	0	20,755	10	-45.9	10.7	9	64	79	3	24,168	10	-44.3	12.3	9	99	91	6
SEJMCAN		984		3.9	8.4					1,377	0	-5.2	5.4	0	0	210	0	2,878	0	-13.5	5.9	0	49	241	4	5,366	0	-28.0	6.0	0	43	238	7	8,865	0	-49.0		0	55	240	14
		1,519	0	-47.6		0	66	239	9	13,418	0	-47.2		0	66	231	6	16,094	0	-48.0		0	62	206	4	20,659	0	-48.2		0	76	132	3	24,031	0	-47.5		0	93	106	5
JAKUTSK		995		5.5	10.5					1,362	0	-4.0	8.0	0	53	297	4	2,864	0	-13.2	7.8	0	54	278	5	5,352	0	-27.8	6.9	0	54	282	8	8,838	0	-49.9		0	49	279	10
		1,481	0	-48.8		0	55	281	6	13,367	0	-47.9		0	49	281	4	16,035	0	-47.8		0	18	282	1	20,593	0	-48.0		0	44	86	2	23,959	1	-47.7		1	96	89	5
ALDAN		929		4.7	10.6					1,393	0	-0.3	8.1	0	52	294	5	2,921	0	-11.6	4.5	0	62	307	7	5,430	0	-26.1	6.9	0	46	294	8	8,942	0	-49.9	5.3	0	45	285	11
		1,569	0	-50.9	6.9	0	63	291	10	13,454	0	-49.2	9.0	0	72	295	8	16,107	0	-49.5	10.8	0	66	297	5	20,654	0	-49.4	12.2	2	19	38	1	23,999	2	-48.6	13.0	2	84	82	5
CITA		932		10.1	13.3					1,427	0	5.8	13.5	0	43	316	4	2,985	0	-6.2	7.4	0	67	312	8	5,534	0	-22.5	8.8	0	80	314	16	9,100	0	-46.2		0	85	312	23
		1,740	0	-53.2		0	88	302	22	13,608	0	-51.2		0	92	307	18	16,238	0	-52.5		0	98	308	14	20,702	0	-52.7		1	72	351	4	24,022	2	-50.2		2	64	70	3
BLAGOVESCENSK		989		14.5	3.5					1,399	6	6.8	13.5	6	57	354	5	2,952	6	-4.8	9.5	6	49	330	5	5,517	6	-21.9	9.2	6	54	323	7	9,080	6	-47.1		6	55	309	11
		1,719	6	-52.2		6	79	302	13	13,586	7	-51.1		8	92	299	13	16,223	9	-52.0		9	89	301	10	20,707	9	-52.5		9	55	329	3	24,023	10	-50.8		9	59	59	3
HONG KONG																																									
KINGS PARK	1	1,001		24.6	1.8					1,481	0	17.4	3.5	0	31	174	2	3,121	0	9.6	5.5	0	54	254	4	5,843	0	-4.8	8.1	0	71	267	7	9,688	0	-28.9	11.6	0	77	275	9
		2,460	0	-50.5	13.6	0	86	281	13	14,275	0	-64.6	14.1	0	76	292	10	16,665	1	-77.9	14.4	0	35	345	4	20,697	6	-63.4	17.8	4	97	87	8	23,926	10	-53.0	27.7	8	97	90	11
JAPAN																																									
WAKKANAI	2	1,006		7.7	3.5					1,389	0	2.9	9.6	0	50	253	5	2,935	0	-6.2	9.8	1	57	267	7	5,490	0	-22.1	11.5	0	56	273	9	9,050	0	-46.5		0	71	264	18
		1,695	0	-51.4		0	85	259	22	13,561	0	-52.0		0	88	295	18	16,172	0	-54.4		0	89	259	13	20,609	1	-53.8		2	64	232	3	23,899	5	-51.7		9	73	86	3
SAPPORO	2	1,006		10.6	5.8					1,404	0	3.7	7.8	1	53	255	6	2,956	0	-5.1	8.8	0	62	272	8	5,522	0	-20.7	15.7	0	77	271	14	9,109	0	-45.2		2	76	259	21
		1,757	0	-52.7		2	86	256	27	13,614	0	-53.1		2	91	260	22	16,208	0	-56.1		2	92	263	16	20,607	0	-55.3		1	57	252	3	23,889	3	-52.1		5	63	92	3
NEMURO	2	1,006		6.7	2.3					1,403	1	3.6	7.9	2	58	268	7	2,957	0	-4.6	7.3	0	63	256	8	5,527	0	-20.6	12.1	3	78	262	14	9,122	0	-44.0		2	81	260	27
		1,783	0	-52.4		2	89	256	30	13,635	0	-53.8		1	92	256	25	16,228	0	-56.0		0	92	256	17	20,625	1	-55.1		3	63	239	3	23,892	6	-53.2					
AKITA	2	1,009		13.4	5.1					1,432	0	5.6	8.9	0	65	249	7	2,994	0	-2.9	10.0	0	83	271	12	5,586	0	-18.1	12.5	0	83	266	16	9,217	0	-42.0		0	85	261	32
		1,881	0	-53.2		0	89	259	35	13,720	0	-55.4		0	94	263	32	16,282	0	-58.9		0	93	267	19	20,622	2	-56.6		5	63	250	3								
SENDAI	2	1,005		14.0	5.6					1,443	0	7.0	9.4	0	59	264	6	3,016	0	-1.4	10.9	0	75	265	11	5,621	0	-16.4	12.9	0	85	264	19	9,283	0	-39.9		0	87	260	35
		1,955	0	-54.5		0	92	259	40	13,781	0	-57.0		0	95	264	36	16,328	0	-60.9		0	94	266	21	20,641	1	-57.8		2	78	258	4	23,901	4	-53.4		8	31	38	1
WAJIMA	2	1,009		13.9	3.9					1,442	0	8.0	11.5	0	50	251	5	3,019	0	-0.5	13.0	0	71	265	9	5,631	0	-15.8	14.0	0	87	272	17	9,302	0	-40.1		2	91	260	32
		1,973	0	-54.2		4	90	259	37	13,803	0	-56.7		5	96	260	33	16,345	0	-61.5		5	96	265	22	20,635	3	-57.8		8	85	269	5	23,881	8	-53.9					
TATENO	2	1,007		14.8	3.7					1,451	0	9.3	8.6	0	36	219	3	3,035	0	0.6	12.0	0	69	261	8	5,664	0	-13.6	15.0	0	88	261	20	9,367	0	-38.4	9.0	0	90	257	35
		2,042	0	-55.5		0	91	259	43	13,856	0	-59.1		0	93	262	38	16,373	0	-63.4		0	95	267	24	20,637	0	-58.9		0	82	256	4	23,880	3	-53.7		7	6	333	0
HACHIJOJIMA	2	993		16.9	2.2					1,465	1	11.8	10.9	0	65	249	6	3,068	0	4.4	15.2	0	80	256	10	5,734	0	-10.1	15.3	0	90	260	20	9,480	0	-35.6	9.9	0	91	259	32
		2,178	0	-55.5		0	91	258	40	13,978	0	-61.5		0	94	265	37	16,460	0	-67.1		0	95	267	24	20,667	1	-59.6		1	58	254	3	23,905	3	-53.9		4	33	67	2
YONAGO	2	1,009		16.9	5.7					1,451	0	9.6	9.8	0	40	237	4	3,040	0	1.8	14.2	0	75	279	9	5,675	0	-13.5	13.3	0	89	273	18	9,379	0	-38.3		0	89	271	31
		2,061	0	-54.7		0	90	269	36	13,884	0	-58.3		0	94	271	33	16,400	0	-63.9		0	96	273	23	20,654	0	-59.0		1	82	270	5	23,900	2	-53.4		8	21	30	1
SHIONOMISAKI	2	1,002		18.3	3.4					1,459	0	11.3	7.6	0	32	259	3	3,058	0	3.9	14.1	0	79	265	9	5,716	0	-11.0	13.9	0	94	266	20	9,452	0	-36.4	10.9	0	91	266	32
		2,142	0	-55.4		0	92	262	37	13,949	0	-60.3		0	95	268	35	16,437	0	-66.6		0	96	271	24	20,652	0	-59.7		1	51	255	2	23,895	4	-53.6		9	63	48	3
FUKUOKA	2	1,008		18.7	4.8					1,458	0	12.0	12.0	2	49	257	4	3,059	0	3.6	14.4	0	72	273	8	5,714	0	-11.2	15.1	0	91	275	20	9,445	0	-36.5	12.0	0	90	274	32
		2,137	0	-54.5		0	90	273	36	13,956	0	-59.4		0	95	276	34	16,451	0	-66.4		0	96	278	24	20,669	0	-59.8		0	56	261	3	23,909	1	-53.5		3	39	65	2
KAGOSHIMA	2	977		17.9	4.4					1,465	0	13.0	9.8	0	36	262	3	3,075	0	5.9	15.3	0	0	274	8	5,753	0	-9.0	15.7	0	91	272	18	9,511	0	-35.4	12.3	0	93	270	28
		2,213	0	-54.6		0	90	272	33	14,026	0	-60.5		0	94	276	33	16,499	0	-68.5		0	95	277	22	20,674	0	-60.7		0	38	259	2	23,907	3	-53.7		6	48	79	2
NAZE	2	976		19.3	2.1					1,476	0	14.5	11.6	1	25	295	2	3,100	0	8.1	17.8	0	68	275	6	5,798	0	-7.3	16.0	0	94	270	13	9,588	0	-33.0	13.2	0	95	270	24
		2,314	0	-52.8		0	94	274	31	14,129	0	-62.2		0	95	278	29	16,562	0	-72.7		0	93	276	17	20,678	0	-61.5		3	51	102	2	23,906	6	-53.0		8	94	81	5
ISHIGAKIJIMA	2	1,008		24.9	3.8					1,486	0	17.0	6.9	1	17	186	1	3,123	0	9.2	7.0	1	70	262	5	5,837	0	-5.4	9.5	0	88	262	10	9,666	0	-30.2	11.8	0	93	273	17
		2,421	0	-51.5		0	94	282	22	14,232	0	-64.4		0	90	289	19	16,626	0	-76.8		0	67	295	9	20,665	2	-63.8		2	86	91	6	23,877	4	-53.7		9	99	75	9
NAHA	2	1,007		23.4	4.3					1,485	0	16.1	10.3	0	33	280	2	3,117	0	9.0	14.3	0	75	265	6	5,827	0	-5.8	12.2	0	94	269	11	9,641	0	-31.2	12.4	0	94	271	21
		2,389	0	-51.5		0	94	276	28	14,204	0	-63.1		0	93	280	25	16,619	0	-75.0		0	86	282	14	20,697	3	-63.4		3	69	100	4	23,915	5	-53.6		7	98	76	8
MINAMIDAITOJIMA	*2*	*1,008*		*23.1*	*3.3*					*1,485*	*0*	*16.5*	*9.3*	*0*	*43*	*245*	*3*	*3,118*	*0*	*9.0*	*12.3*	*0*	*82*	*260*	*7*	*5,826*	*0*	*-6.2*	*12.2*	*0*	*96*	*263*	*11*	*9,639*	*0*	*-31.6*	*11.7*	*0*	*93*	*264*	*20*
		2,377	0	-52.4		0	93	274	26	14,185	0	-64.2		0	92	279	23	16,592	0	-75.3		0	86	279	13	20,680	4	-62.9		4	80	99	5	23,903	5	-53.5		6	99	81	9
CHICHIJIMA	2	1,012		23.1	2.7					1,505	0	15.5	7.8	1	54	222	4	3,133	0	8.5	14.2	0	86	247	8	5,834	0	-6.7	13.1	0	93	248	14	9,635	0	-32.5	10.4	0	92	257	21
		2,359	0	-54.1		0	89	267	25	14,157	0	-64.2		0	92	270	24	16,569	0	-74.2		0	91	272	15	20,672	0	-62.1		3	81	97	4	23,907	3	-53.4		4	96	78	8
MINAMITORISHIMA	2	1,014		24.3	2.5					1,534	0	15.3	6.7	0	34	172	3	3,463	0	8.9	14.8	0	31	212	2	5,869	0	-6.4	14.6	0	56	250	5	9,665	0	-32.4	12.7	0	69	269	8
		2,392	0	-53.5		0	76	282	13	14,187	0	-65.9		0	80	290	15	16,579	0	-76.3		0	81	300	8	20,643	2	-63.0		3	97	90	7	23,856	4	-53.6		4	98	77	8
JORDON																																									
MAFRAQ	3	935		13.5	5.1					1,475	0	11.7	13.5	0	79	281	5	3,067	0	2.3	14.6	0	86	248	8	5,687	0	-16.3	13.8	0	91	236	30	9,319	0	-43.0		0	92	237	23
		1,965	0	-55.1		0	95	237	28	13,797	1	-56.9		1	97	237	25	16,348	7	-60.5		7	96	239	21																
KUWAIT																																									
KUWAIT INTL AIRPORT	3	1,001		32.3	7.9					1,509	0	23.0	2.4	0	45	259	3	3,160	0	10.5	11.5	0	86	240	9	5,849	0	-10.0	29.2	0	92	243	17	9,580	0	-37.5		0	97	246	31
		2,275	0	-55.1		0	96	250	38	14,079	0	-61.5		0	97	252	35	16,526	0	-71.8		0	91	247	16	20,671	2	-61.0		2	75	100	3	23,909	6	-54.5		6	80	90	4
SAUDI ARABIA																																									
JEDDAH (KING ABDULAZIZ) AP	3	1,005		29.5	13.1					1,503	3	23.7	23.1	4	52	242	3	3,164	3	12.4	22.0	3	89	212	7	5,879	3	-7.3	20.5	3	88	230	13	9,667	4	-33.1	17.3	3	92	251	23
		2,400	5	-53.0	17.3	4	95	253	26	14,199	4	-65.2	16.9	4	96	248	24	16,599	5	-76.5	16.8	5	92	240	14	20,669	7	-62.0	22.0	6	88	105	6								

UPPER AIR DATA

MAY 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
SAUDI ARABIA																																									
TABOUK	3	924		24.8	21.9					1,501	1	18.3	17.7	1	58	266	3	3,121	1	5.6	16.9	2	89	227	8	5,781	1	-12.4	22.3	2	94	242	19	9,477	1	-39.0	16.5	1	96	245	35
		12,157	2	-44.7	14.7	2	96	248	46	13,976	1	-60.1	17.5	5	96	248	43	16,464	7	-67.4	18.4	9	96	245	24	20,674	8	-59.3	23.0	9	71	118	3	23,922	14	-53.0	28.0				
HAIL	2	899		31.2	31.4					1,511	1	25.4	26.9	1	69	211	5	3,165	1	9.6	17.2	1	93	220	10	5,849	2	-10.5	19.2	1	96	237	21	9,586	2	-36.3	16.1	1	97	243	35
		12,291	2	-53.8	17.3	1	97	246	42	14,102	1	-62.6	18.4	1	97	247	40	16,549	1	-71.2	19.2	1	97	245	23	20,712	1	-59.9	23.9	1	90	120	4								
MADINAH	2	936		35.1	35.2					1,497	0	25.5	28.6	2	84	240	4	3,155	1	11.0	22.6	0	90	222	10	5,859	0	-8.5	20.9	0	95	235	18	9,625	0	-34.9	16.9	0	95	245	30
		12,332	1	-53.5	19.4	0	95	252	36	14,146	0	-64.1	20.6	0	97	248	35	16,562	1	-74.2	21.1	0	95	245	20	20,668	0	-60.8	25.9	0	95	118	6	23,905	1	-52.5	32.6	1	96	97	8
KHAMIS MUSHAIT	3	797		22.4	12.4													3,174	3	14.1	16.8	2	68	145	4	5,899	2	-6.1	23.9	2	60	174	5	9,704	3	-31.8	21.6	2	66	253	8
		12,444	2	-52.9	19.2	2	85	253	12	14,242	3	-66.1	17.3	3	86	239	10	16,617	3	-79.1	17.0	3	59	210	5	20,659	9	-63.2		9	93	101	6	23,882	8	-53.4		9	98	93	12
KING KHALED INT AP	3	939		31.5	29.4					1,506	2	26.2	26.5	3	51	188	3	3,172	2	12.4	17.3	2	92	223	8	5,879	2	-8.8	16.1	3	93	238	13	9,647	2	-34.7	16.2	3	97	246	23
		12,367	3	-53.1	18.0	2	97	254	28	14,176	2	-63.9	19.2	3	97	251	28	16,588	5	-74.7	19.7	5	94	240	15	20,689	8	-61.3	24.1	8	82	107	4	23,923	11	-53.0		9	95	93	7
DHAHRAN	3	1,003		32.4	18.2					1,503	3	26.1	24.7	3	57	267	3	3,170	3	12.2	15.3	3	78	247	7	5,878	3	-8.5	15.3	3	94	249	14	9,640	4	-35.2	13.0	6	97	251	22
		12,353	6	-52.8	14.9	7	97	257	29	14,167	6	-63.5	15.7	7	97	254	27	16,587	11	-75.4	15.8					20,682	13	-61.4	19.5												
OMAN																																									
SEEB INTERNATIONAL AP	3	1,003		35.9	22.4					1,506	0	27.3	25.0	0	83	304	4	3,178	0	13.6	20.0	0	67	297	4	5,906	0	-5.7	23.0	0	66	295	5	9,696	0	-38.2	19.7	0	91	278	12
		12,436	0	-51.9	18.8	0	92	268	16	14,245	0	-64.6	17.1	0	93	260	13	16,637	0	-77.3	16.1	0	77	247	6	20,690	0	-62.3	18.2	0	80	99	40	23,922	0	-52.5	24.9	0	97	91	8
UNITED ARAB EMIRATES																																									
ABU DHABI INT AIRPORT	3	1,003		32.4	14.0					1,507	0	27.6	27.2	1	56	299	4	3,178	0	13.1	20.1	1	47	305	3	5,901	0	-6.3	23.9	0	72	266	7	9,682	0	-33.7	19.1	0	92	261	15
		12,415	0	-51.8		1	96	261	21	14,227	1	-64.3		1	91	254	18	16,628	9	-76.6		2	88	240	10	20,696	17	-62.5		9	59	111	4								
AFGHANISTAN																																									
KABUL-AIRPORT	3	818		17.5	13.7													3,109	1	9.8	15.6	2	40	316	2	5,790	1	-11.4	10.2	2	86	296	10	9,500	1	-39.0	10.7	3	90	298	24
		12,180		-53.1	9.9	2	93	288	34	14,013	1	-56.6	9.9	1	94	282	34	16,530	1	-64.8	9.5	2	96	272	20	20,732	6	-62.2	9.9	6	42	239	2	23,944	8	-54.5	11.3	8	17	44	1
INDIA																																									
SRINAGAR	3	840		16.2	7.9													3,097	0	7.0	8.9	0	10	50	1	5,775	0	-11.3	9.2	0	53	300	4	9,493	0	-37.5		0	80	289	17
		12,193	0	-51.3		4	87	298	28	14,038	6	-53.7																													
NEW DELHI/SAFDARJUNG	3	970		30.1	16.6					1,443	0	22.6	16.8	0	28	286	2	3,092	0	9.4	14.1	0	75	288	7	5,783	0	-9.2		0	86	295	13	9,551	0	-33.8		0	87	286	19
		12,309	0	-48.2		0	89	283	22	14,157	0	-59.4		1	92	285	21	16,609	0	-71.9		3	87	283	18	20,759	8	-60.6						24,075	12	-48.4					
JODHPUR	3	977		33.5	22.7					1,456	1	25.9	23.1	2	82	258	7	3,121	1	12.5	20.9	3	73	284	6	5,831	2	-7.5		7	80	296	11	9,620	6	-31.7					
		12,374	7	-49.6						14,221	11	-58.0																													
LUCKNOW/AMAUSI	3	987		30.6	14.6					1,443	0	23.4	17.2	0	48	305	3	3,094	0	9.9	15.1	0	80	295	7	5,790	0	-8.6		0	94	295	13	9,571	0	-31.3		0	90	285	17
		12,342	0	-48.6		9	86	272	18	14,193	3	-61.7		9	87	276	14	16,619	6	-71.5																					
GAUHATI	3	999		26.3	5.2					1,451	0	18.5	6.9	0	58	244	3	3,079	0	7.1	8.6	0	76	266	6	5,771	0	-7.3		3	83	259	9	9,591	0	-29.6					
		12,367	0	-49.4						14,205	14	-62.6																													
AHMADABAD	3	998		34.3	15.6					1,480	0	26.1	21.4					3,146	0	13.4	18.5					5,876	2	-4.7						9,699	5	-30.2					
CALCUTTA/DUM DUM	3	1,002		28.9	5.4					1,455	0	22.0	11.2	0	70	254	4	3,108	0	10.6	13.1	0	83	307	7	5,821	0	-6.3	12.6	0	85	300	11	9,660	1	-27.8		1	95	254	19
		12,443	3	-49.7		3	93	251	18																																
NAGPUR/SONEGAON	3	968		34.1	24.0					1,470	0	27.0	20.0	2	47	280	3	3,136	0	12.5	8.8	0	75	301	5	5,849	0	-6.7	11.2	1	52	327	7	9,674	0	-25.9		2	55	290	10
		12,463	2	-49.8		7	87	257	10	14,280	10	-63.9						16,684	19	-74.4																					
BHUBANESWAR	3	998		29.6	4.8					1,455	0	23.7	12.8	0	63	252	4	3,117	0	11.7	12.9	0	81	317	7	5,834	0	-5.3	9.6	0	85	302	8	9,686	0	-28.2		0	90	254	13
		12,464	0	-51.0		0	86	243	13	14,276	1	-65.1		1	70	233	8	16,675	3	-76.9		3	49	153	4	20,836	5	-56.5		6	98	93	9	24,073	13	-48.6					
BOMBAY/SANTACRUZ	3	1,005		29.8	6.0					1,479	2	21.7	14.3	2	65	267	4	3,137	2	12.2	15.6	2	22	292	1	5,852	2	-6.0		2	82	1	7								
HYDERABAD AIRPORT	3	947		33.4	18.8					1,507	0	26.5	19.8	0	44	309	3	3,166	0	11.8	13.9	0	55	346	3	5,881	0	-6.3		0	75	350	6	9,715	1	-29.0		1	65	273	6
		12,486	1	-50.7		1	75	226	6	14,305	3	-65.1		2	51	181	4	16,684	8	-77.5		8	93	99	7																
VISHAKHAPATNAM/WALTAIR	3	997		28.8	2.4					1,444	0	23.1	10.5	0	64	274	3	3,099	0	11.2	13.5	0	81	345	6	5,808	1	-7.1	10.1	1	62	333	5	9,653	1	-28.5		1	74	264	7
		12,427	2	-51.1		2	69	230	6	14,240	3	-66.6		3	45	194	3	16,590	5	-75.9		9	46	177	3	20,767	13	-58.7		9	88	95	9								
GOA/PANJIM	3	1,000		29.3	5.6					1,484	0	21.0	13.6	0	79	320	5	3,142	0	12.2	16.3	0	41	50	2	5,863	0	-4.8		0	77	49	7	9,681	1	-29.3		1	48	6	4
		12,465	1	-51.6		1	39	193	2	14,278	2	-66.3		2	45	151	3	16,653	5	-74.6		3	63	100	5																
MADRAS/MINAMBAKKAM	3	1,002		31.2	7.5					1,467	0	23.7	13.7	0	65	276	3	3,124	0	11.4	14.6	0	74	24	5	5,840	0	-5.1	14.3	0	57	18	4	9,677	0	-29.3		0	12	278	1
		12,450	0	-51.8		0	68	134	4	14,265	2	-66.2		4	88	118	9	16,605	7	-80.7		8	93	96	10																
TANAMBUR	3	1,004		29.3	5.2					1,486	0	19.8	9.1	0	62	27	3	3,137	0	11.1	13.0	0	66	65	4	5,851	0	-5.5		0	69	44	5	9,695	0	-29.7		2	26	34	2
		12,459	2	-52.2		3	51	136	3	14,263	4	-67.9		9	81	131	8																								
PORT BLAIR	3	998		27.2	3.1					1,485	0	19.6	6.0	0	63	266	4	3,131	0	10.2	9.4	0	51	292	3	5,861	0	-3.4	8.0	0	52	266	3	9,747	3	-27.3	7.5	3	36	127	2
		12,519	4	-52.3		4	66	116	6	14,304	7	-67.8		7	83	118	10																								
COCHIN/WILLINGDON	3	1,007		28.9	4.1					1,491	0	19.5	5.6					3,140	0	10.8	4.5					5,859	0	-4.5	10.4					9,718	3	-28.2					
		12,494	5	-51.9																																					
MINICOY	3	1,008		29.0	4.2																																				
TRIVANDRUM	3	1,000		27.8	3.3					1,481	0	19.2	5.0	0	97	324	6	3,122	0	10.4	10.5	0	60	54	3	5,840	0	-4.9	9.6	0	32	300	2	9,698	0	-28.6		0	22	140	1
		12,468	0	-51.7		0	78	110	7	14,274	0	-66.4		0	91	101	11	16,685	3	-78.3		3	85	100	11	20,758	8	-60.6		9	51	240	3	23,990	13	-52.3		9	79	100	9
MONGOLIA																																									
ULAN-BATOR	1	865		11.2	11.2					1,442	7	10.8	11.0	9	36	292	3	3,052	7	1.0	9.9	7	68	303	7	5,663	7	-17.0	7.7	7	85	301	7	9,284	8	-44.6	5.7	8	79	301	19
		11,926	8	-55.2	5.8	8	87	292	21	13,765	8	-54.8	6.8	8	92	292	22	16,357	9	-57.5	7.3	8	93	294	17																
SAINSHAND	1	903		16.7	19.1					1,445	2	14.4	18.0	0	21	353	2	3,040	0	2.2	12.5	0	70	304	6	5,664	1	-16.8	8.4	0	88	302	14	9,304	0	-43.7	7.0	0	86	300	24
		11,932	0	-55.6	6.7	0	88	293	28	13,783	0	-55.0	7.8	0	93	293	26	16,347	1	-58.5	7.8	0	91	295	20																
DALANZADGAD	1	848		16.5	19.0					1,494	18	12.2	18.4	9	0	273	0	3,065	2	5.4	16.4	2	60	302	6	5,714	2	-13.7	10.6	2	76	298	10	9,382	2	-41.0	8.2	2	85	285	20
		12,052	1	-55.0	7.4	1	91	285	29	13,881	1	-55.8	8.1	2	90	282	29	16,424	1	-59.2	8.8	9	93	287	20																

UPPER AIR DATA

MAY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
ASIA																																									
THAILAND																																									
CHIANGMAI	1	970		23.9	2.0					1,469	0	19.1	3.5	0	63	265	2	3,117	0	10.3	4.5	0	40	260	2	5,845	0	-4.3	6.7	0	78	255	5	9,691	0	-28.4	12.2	0	56	250	4
		12,465	1	-50.4		1	44	180	5	14,276	1	-64.8		1	23	170	3	16,663	4	-76.6		4	34	120	4	20,702	12	-63.7													
BANGKOK	1	1,007		26.6	2.4					1,488	0	19.0	4.1	0	69	260	6	3,133	1	9.8	4.3	1	40	250	3	5,857	1	-4.7	6.4	1	60	245	4	9,698	1	-29.4	8.7	1	10	80	1
		12,464	1	-51.7		1	55	105	5	14,268	2	-66.2		2	73	95	10	16,634	5	-80.7		5	95	100	13	20,657	10	-65.2													
SONGKHLA	1	1,007		25.6	1.8					1,492	0	18.8	4.8	0	67	230	7	3,136	0	10.4	8.8	0	80	235	8	5,860	0	-5.0	8.3	0	38	240	3	9,692	0	-30.4	9.2	0	45	75	4
		12,444	0	-53.0		0	71	70	8	14,235	0	-68.1		0	83	75	14	16,579	1	-81.1		1	92	85	13	20,621	3	-65.4		3	80	275	5	23,795	6	-56.5		6	90	85	11
SINGAPORE																																									
SINGAPORE/CHANGI AIRPORT	1	1,007		25.7	0.8					1,502	0	18.9	4.2	0	82	196	5	3,145	0	9.8	5.7	0	67	224	4	5,862	0	-5.7	4.6	0	9	139	1	9,690	0	-30.5	8.1	0	88	92	6
		12,439	0	-52.8	9.8	0	91	72	12	14,232	0	-67.5		0	92	66	16	16,581	0	-80.2		1	78	83	9	20,632	0	-65.4		0	96	268	13	23,784	0	-59.4		0	65	89	4
CHINA																																									
HAILAR	1	938		8.2	9.9					1,420	0	5.4	13.0	1	50	321	4	2,975	0	-6.0	9.8	1	67	319	8	5,533	0	-21.8	10.3	1	78	314	14	9,108	0	-46.9	8.3	1	77	313	20
		11,734	2	-53.0	8.3	4	88	307	21	13,598	2	-51.5	9.1	5	95	303	19	16,230	3	-52.2	9.7	6	99	308	14	20,723	14	-52.7	10.3	9	75	348	3	24,052	15	-49.6	11.2	9	80	81	4
URUMQI	1	910		13.2	9.0					1,497	0	12.8	11.7	0	60	337	3	3,095	0	1.6	9.4	1	71	319	5	5,726	0	-14.6	10.4	1	58	258	7	9,393	0	-42.6	8.2	0	76	253	13
		12,024	0	-57.2	6.7	0	83	252	19	13,846	0	-55.7	7.4	0	91	253	20	16,419	2	-57.7	8.6	3	82	259	14	20,746	4	-59.7	9.1	5	71	294	5	23,974	8	-54.8	10.1	9	50	48	2
BEIJING	1	1,003		17.7	8.8					1,462	0	12.7	15.6	0	53	313	4	3,064	0	2.8	15.2	0	67	314	6	5,694	0	-15.6	11.1	0	82	294	13	9,361	0	-41.3	9.1	0	91	287	27
		12,026	0	-54.0	9.4	1	93	289	37	13,861	0	-66.3	10.0	1	95	288	32	16,412	0	-61.3	11.1	0	96	293	22	20,688	1	-60.5		3	79	321	5	23,911	4	-54.2		6	40	80	2
LANZHOU	1	846		12.9	6.9													3,097	0	5.7	8.5	0	4	18	2	5,769	0	-10.0	8.7	0	44	274	4	9,520	0	-35.6	8.3	0	86	269	19
		12,225	0	-53.2	7.7	0	97	270	30	14,053	1	-58.1	8.1	2	97	270	30	16,556	3	-66.5	6.4	3	95	279	21	20,733	4	-65.3		5	40	332	2	23,916	6	-56.0		8	60	80	3
SHANGHAI	1	1,010		9.1	4.7					1,479	0	14.6	10.7	0	14	300	1	3,099	0	6.9	13.5	0	56	281	5	5,789	0	-7.9	15.7	0	86	273	12	9,571	0	-34.0	10.8	0	92	278	22
		12,294	1	-52.0	9.6	1	94	279	33	14,129	1	-58.9	9.3	1	94	282	33	16,615	1	-68.3		1	91	286	21	20,757	2	-64.3		3	40	320	2	23,961	3	-54.8		7	50	95	2
TAIBEI	3	1,008		24.0	3.5					1,484	0	16.8	4.4	0	38	215	26	3,119	0	8.8	5.1	0	85	250	14	5,834	1	-55.5	7.9	1	92	263	21	9,657				1	95	275	37
		12,411				1	95	283	48	14,222				1	91	288	21	16,622				2	73	295	19	20,687				5	87	83	12	23,904				9	89	83	18
GUANGZHOU	1	1,007		24.4	22.4					1,481	0	17.4	2.7	0	43	197	3	3,121	0	10.0	3.9	0	57	246	4	5,851	0	-4.4	6.1	0	70	271	7	9,702	0	-28.7	7.7	0	80	277	12
		12,481	0	-49.4	6.7	0	94	280	15	14,310	0	-62.7	2.6	0	88	286	14	16,724	0	-76.2		0	50	316	6	20,733	3	-67.8		6	88	81	7	23,924	14	-54.9		9	99	88	11
AUSTRALASIA																																									
NEW ZEALAND																																									
CHRISTCHURCH AERODROME	1	1,011		11.8	4.1					1,457	0	4.0	8.1	0	60	263	9	3,015	0	-4.5	10.5	0	68	263	16	5,578	0	-21.6	10.7	0	73	257	23	9,130	0	-49.5	8.8	0	77	256	35
		11,691	1	-59.4	8.3	0	89	256	40	13,506	1	-55.0	9.7	2	93	261	39	16,068	1	-58.0		5	93	262	34	19,715	4	-55.1						23,690	8	-54.1					
INVERCARGILL AERODROME	1	1,014		8.8	2.7					1,441	0	1.3	3.9	0	78	274	18	2,984	0	-6.3	9.4	0	79	258	22	5,534	0	-23.4	10.0	0	78	253	26	9,068	0	-50.4		0	77	252	39
		11,634	0	-60.3		0	89	258	44	13,443	0	-57.0		0	94	259	41	16,014	1	-57.6		0	96	260	38	20,376	4	-57.9		1	97	264	31	23,644	12	-56.6		6	95	265	33
NORTH PACIFIC																																									
MIDWAY ISLAND	1	1,018		21.4	8.3					1,531	0	10.7	7.4	1	22	101	2	3,138	0	5.5	16.1	1	16	275	1	5,812	0	-9.9	14.3	0	57	267	7	9,548	0	-37.7	10.1	0	61	258	12
		12,218	0	-57.8		0	56	256	13	14,003	0	-63.5		0	61	261	14	16,472	0	-66.9		0	55	281	7	20,722	0	-58.9		0	84	92	4	23,982	4	-51.3		6	77	97	4
LIHUE, KAUAI, HAWAII	1	1,013		27.4	6.4					1,541	2	13.7	3.4	3	51	70	2	3,164	2	3.2	18.1	3	60	87	3	5,875	2	-6.8	15.8	2	48	246	2	9,662	2	-33.9	13.3	2	65	259	8
		12,374	2	-55.5		2	75	265	17	14,156	2	-67.2		2	77	273	17	16,554	2	-73.2		2	73	268	9	20,704	2	-61.6		2	90	92	5	23,941	5	-52.5		5	99	90	9
HILO/GEN. LYMAN, HAWAII	1	1,015		26.7	7.3					1,541	0	13.7	2.3	1	37	133	1	3,162	0	8.9	17.9	0	50	116	2	5,877	0	-6.2	16.5	0	19	360	1	9,672	0	-33.5	12.3	0	69	272	9
		12,386	0	-55.4		0	80	279	17	14,168	0	-67.2		0	84	284	18	16,559	0	-74.5		0	90	274	10	20,692	0	-61.9		0	85	91	5	23,922	4	-52.6		4	98	90	10
WAKE ISLAND	1	1,015		27.1	6.9					1,538	1	15.2	4.6	1	81	86	5	3,171	1	10.3	18.6	1	53	75	2	5,893	1	-5.7	19.3	2	49	356	2	9,699	2	-33.1	14.1	3	75	300	8
		12,423	3	-53.5		3	69	305	13	14,220	4	-66.1		4	74	312	15	16,616	3	-75.4		3	74	338	8	20,722	4	-62.3		6	95	79	8	23,954	6	-52.9		7	98	97	13
GUAM, TAGUAC, MARIANA IS.	1	998		27.4	3.2					1,515	0	18.1	3.5	0	80	98	4	3,160	0	10.9	10.1	0	72	97	3	5,890	0	-4.2	13.6	0	66	85	3	9,733	1	-29.5	14.9	2	21	351	1
		12,492	1	-52.0		1	17	319	2	14,295	1	-66.3		1	16	16	2	16,667	1	-78.9		1	91	65	8	20,722	2	-62.9		2	94	91	7	23,935	2	-54.0		2	99	90	13
TAP, CAROLINE ISLANDS	1	1,008		29.1	4.0					1,511	4	18.8	2.8	5	20	62	1	3,159	4	10.8	8.1	4	22	86	1	5,886	4	-4.9	10.5	4	20	120	1	9,727	6	-29.6	12.4	6	10	34	1
		12,487	7	-52.1		10	41	57	5	14,288	7	-66.5		9	49	56	6	16,654	9	-79.8		9	85	61	9	20,703	7	-64.9		9	37	46	2	23,899	10	-55.5		11	72	78	9
TRUK, CAROLINE ISLANDS	1	1,010		28.6	3.6					1,512	0	18.2	2.3	1	7	58	**	3,156	0	10.1	6.2	1	18	88	1	5,882	0	-4.8	6.8	2	10	53	1	9,726	0	-29.6	9.4	1	25	49	1
		12,486	0	-52.1		1	24	63	2	14,285	1	-66.9		1	39	52	4	16,647	0	-79.6		1	78	58	5	20,701	1	-63.9		2	75	266	4	23,900	2	-55.9		3	98	91	12
KOROR, PALAU ISLANDS	1	1,007		29.2	4.1					1,513	0	18.6	3.0	1	39	273	2	3,160	0	10.8	8.1	0	8	206	**	5,889	0	-5.0	9.0	0	26	89	1	9,729	0	-29.8	12.3	0	27	94	2
		12,487	0	-52.2		0	38	96	4	14,289	0	-66.3		0	57	86	8	16,658	1	-79.4		1	92	69	8	20,703	2	-65.2		2	72	281	4	23,889	3	-56.2		4	95	92	11
MAJURO, MARSHALL ISLANDS	1	1,011		28.8	3.9					1,519	1	18.3	2.6	1	59	123	3	3,165	0	10.3	4.2	0	58	111	2	5,893	0	-4.7	7.3	0	27	190	1	9,731	0	-29.9	10.5	0	75	272	5
		12,485	0	-52.6		0	74	282	8	14,280	0	-67.1		0	78	282	9	16,640	0	-80.2		0	85	281	8	20,694	0	-63.1		0	70	273	4	23,896	0	-56.2		1	97	101	12
PONAPE/POHNPEI, CAROLINE ISL	1	1,004		28.1	3.6					1,491	0	18.2	2.4	2	26	139	2	3,136	0	10.1	4.3	2	16	131	1	5,865	0	-4.6	5.5	2	23	194	1	9,711	0	-29.1	11.2	2	39	246	2
		12,475	1	-52.0		2	22	275	2	14,277	1	-66.5		2	36	331	4	16,640	1	-79.6		3	47	21	3	20,696	2	-63.7		3	81	266	6	23,888	2	-55.9		2	98	89	12
TARAWA, GILBERT ISLANDS	1	1,010		30.3	5.5					1,511	1	18.9	4.7	0	60	89	7	3,158	1	10.7	8.7	0	50	92	5	5,886	1	-4.8	10.4	0	62	100	9	9,718	1	-30.0	11.7	0	14	241	2
		12,457	1	-54.1	9.7	0	40	271	8	14,239	1	-69.1	8.5	0	73	260	16	16,573	1	-82.1		2	72	243	13	20,633	2	-64.2		4	98	269	35	23,817	2	-55.7		6	72	78	13
SOUTH PACIFIC																																									
FUNAFUTI, ELLICE IS.	1	1,010		30.0	4.9					1,515	0	18.5	3.1	0	73	69	10	3,162	0	10.3	6.0	0	68	76	8	5,888	0	-5.2	8.5	0	59	82	7	9,724	0	-30.7	10.2	0	35	145	4
		12,467	0	-53.7		0	23	231	7	14,256	0	-68.2		0	44	195	11	16,601	3	-81.4		3	36	185	5	20,661	6	-63.4		9	98	276	23	23,884	7	-53.3		11	96	89	19
ATUONA, MARQUESAS ISLAND	1	1,005		29.7	6.2					1,507	0	16.9	3.7	0	92	82	6	3,146	0	11.1	17.1	0	85	70	4	5,872	0	-4.3	20.7	0	35	79	3	9,699	0	-30.4	19.1	0	23	238	3
		12,449	0	-52.5		0	54	259	9	14,254	0	-64.4		0	72	259	11	16,647	0	-77.5		0	75	249	7	20,686	1	-65.3		1	74	274	5	23,859	4	-56.0		7	22	73	2
PAGO PAGO, SAMOA	1	1,012		28.1	3.9					1,523	0	16.9	3.5	0	50	89	3	3,161	0	9.6	11.2	0	27	328	1	5,884	0	-5.0	13.7	0	50	277	4	9,706	0	-31.2	12.7	0	63	243	9
		12,445	0	-53.6		0	83	241	17	14,240	0	-66.4		0	82	246	15	16,613	0	-79.0		0	82	257	9	20,668	0	-63.1		1	45	318	2	23,897	2	-52.6		3	96	87	7
HAO, TUAMOTU IS.	1	1,012		27.8	5.2					1,514	0	15.9	5.5	0	44	36	3	3,145	0	9.1	12.0	0	33	339	2	5,857	0	-5.7	17.3	0	61	286	5	9,660	0	-32.5	13.0	0	65	268	8
		12,386	0	-54.1		0	70	251	14	14,177	0	-65.7		0	79	258	16	16,566	5	-76.3		6	80	265	13	20,611	14	-66.9		15	17	5	1	23,796	19	-54.9		19	51	50	2
TAHITI, SOCIETY IS.	1	1,012		28.6	5.5					1,514	0	16.5	3.9	0	51	9	3	3,146	0	8.5	7.3	0	61	310	4	5,857	2	-5.9	14.0	1	63	299	6	9,665	2	-32.3	12.5	1	76	276	11
		12,397	2	-53.4		1	72	264	14	14,194	2	-65.5		1	84	260	17	16,582	2	-76.8		1	89	273	13	20,621	7	-64.5		6	47	38	3	23,819	16	-53.4		17	84	85	4
NANDI, FIJI IS.	1	1,012		27.5	7.5					1,523	0	15.4	5.1	0	65	87	8	3,156	0	10.0	14.5	0	21	278	2	5,868	0	-6.4	12.9	0	76	272	17	9,666	0	-31.8	11.6	1	92	261	43
		12,413	0	-53.6	10.9	2	92	262	51	14,204	0	-67.0		2	92	254	47	16,569	1	-79.6		3	92	253	32	20,613	1	-65.3		8	22	15	2	23,841	3	-52.7		12	80	86	12

UPPER AIR DATA

MAY 1986

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
AUSTRALASIA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH PACIFIC																																											
NOUMEA/NOUVELLE-CALEDONIE		1,008		23.9	6.0					1,529	0	12.4	5.8	0	64	101	4	3,144	0	7.6	20.3	0	42	293	3	5,839	0	-7.4	20.0	1	87	276	12	9,626	0	-32.0	16.6	4	95	270	27
		12,372	1	-51.4		9	95	272	35	14,184	1	-64.3		11	99	267	32	16,578	2	-76.5		13	97	269	23	20,644	7	-64.0		15	22	170	2	23,850	21	-52.7		28	93	48	3
RAROTONGA, COOK IS.	1	1,013		25.3	4.6					1,517	0	14.5	5.1	1	10	44	1	3,141	0	7.4	4.2	1	65	286	10	5,837	0	-8.0	11.5	1	85	275	31	9,621	0	-34.0	10.4	2	87	279	46
		12,350	0	-55.0		1	84	268	56	14,122	0	-66.1		1	93	267	60	16,513	2	-76.1		2	92	275	44	20,631	2	-58.4		5	31	318	3	23,879	4	-50.3		10	80	84	10
RAPA, AUSTRAL IS.	1	1,014		21.7	5.7					1,506	1	9.6	4.3	1	24	315	2	3,107	1	4.8	16.4	1	72	289	8	5,774	1	-10.6	13.6	2	91	285	16	9,517	1	-35.1	10.7	6	91	276	25
		12,224	1	-55.3		14	88	273	25	14,015	1	-64.1		18	89	259	21	16,459	3	-71.1		19	95	270	16	20,625	9	-62.4		22	78	106	5	23,880	23	-52.5		26	60	69	2
CHATHAM ISLAND	1	1,007		12.3	2.1					1,444	0	2.2	3.4					2,994	0	-4.5	13.0					5,560	0	-22.2	11.0					9,107	0	-50.6					
		11,627	0	-59.5						13,107	0	-50.3						16,065	1	-56.9						20,460	2	-56.7						23,718	6	-54.6					
CAMPBELL ISLAND	1	1,002		6.5	3.3					1,337	1	-3.3	2.0	3	84	263	29	2,853	1	-10.6	8.2	3	80	262	30	5,367	1	-26.3	7.6	3	81	265	41	8,865	1	-52.0	8.2	3	80	268	47
		11,424	3	-58.9	9.0	4	89	264	49	13,250	3	-55.0	10.8	4	93	265	46	15,836	3	-56.2		4	96	268	40	20,222	6	-58.0		8	95	271	40	23,440	13	-59.2		14	96	271	41

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
MARCH 1983																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	996		-18.9	6.1					1,188	26	-20.6	5.6					2,618	26	-23.5	4.6					5,014	26	-36.4	6.1					9,403	26	-55.1					
		11,019	26	-49.9						12,903	26	-49.4																													
APRIL 1983																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	982		-11.4	7.0					1,109	13	-19.2	4.8	14	96	191	9	2,533	13	-26.1	2.9	15	83	180	7	4,926	16	-36.7	6.1	17	50	129	4	8,311	17	-56.1		18	46	41	4
		10,920	23	-54.7																																					
MAY 1983																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	989		-13.2	6.0					1,157	5	-19.3	2.9	5	76	177	6	2,587	5	-24.2	3.8	5	29	176	2	4,986	5	-36.2	5.5	6	25	53	3	8,365	6	-57.9		7	36	9	6
		10,875	8	-62.7		9	41	328	5	12,652	10	-63.5		11	50	311	5	15,130	16	-66.4		17	77	306	9																
JUNE 1983																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	987		-20.0	7.1					1,114	9	-25.6	5.3	11	22	263	1	2,512	9	-28.3	6.9	11	24	250	1	4,881	9	-38.7	4.5	11	47	277	5	8,230	9	-59.4		10	46	303	7
		10,716	9	-65.8		10	62	294	7	12,464	14	-66.8		15	57	269	6	14,883	21	-70.3																					
JULY 1983																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	985		-22.2	6.3					1,080	10	-27.9	4.7	10	38	185	2	2,473	10	-29.3	5.8	10	17	296	1	4,820	10	-41.7	3.6	10	48	358	5	8,121	10	-62.8		10	77	357	12
		10,570	12	-71.7		17	76	348	10	12,326	24	-72.8																													
FEBRUARY 1985																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
SAN ANDRES.COLOMBIA	2	1,013		25.5	3.4					1,515	5	15.0	2.8	5	96	74	10	3,140	5	8.1	13.8	6	89	95	6	5,851	6	-5.3	19.0	6	74	119	6	9,647	8	-34.2	14.2	10	71	245	6
		12,366	13	-54.2		13	60	281	8	14,161	15	-67.0		15	37	253	6	16,531	15	-79.9		15	22	191	3	20,505	15	-68.2		15	95	84	8	23,649	15	-58.0		15	19	292	1
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	989		-10.4	6.4					1,173	6	-16.1	2.4	6	17	258	1	2,611	6	-24.7	2.7	6	50	292	3	5,003	6	-37.3	4.4	6	63	307	4	8,396	6	-49.4		7	80	303	8
		11,113	7	-42.1		8	88	305	8	13,071	8	-41.3		8	92	306	7	15,822	8	-41.8		9	93	308	6	20,517	12	-40.6		13	93	322	4	24,019	17	-39.4					
MARCH 1985																																									
NORTH AMERICA																																									
BELIZE																																									
BELIZE INTL. AIRPORT	2	1,013		23.5	1.9					1,521	0	14.9	3.5	3	80	113	6	3,146	0	8.2	17.0	3	72	96	4	5,852	0	-7.2	19.3	2	28	57	2	9,619	0	-36.2	13.4	2	56	289	5
		12,312	2	-54.5		4	89	267	13	14,114	4	-63.3		6	96	266	15	16,529	5	-75.9		7	75	267	5	20,559	7	-67.2		8	51	90	2	23,711	7	-57.1		9	61	1	2
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	989		-14.4	7.7					1,159	11	-19.3	4.7	13	59	184	5	2,586	11	-25.2	4.1	14	64	206	5	4,979	11	-36.2	3.6	14	38	260	5	8,374	12	-51.7		16	44	247	6
		11,044	13	-46.5		16	71	277	6	12,955	13	-46.8		16	81	284	6	15,638	17	-47.2		19	93	288	9	20,164	20	-49.5						23,505	23	-49.6					

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	SURFACE* 200 MB TEMPERATURE NUMBER OF MISSING DAYS	SURFACE* 200 MB TEMPERATURE MEAN	SURFACE* 200 MB DEW POINT DEPRESSION	SURFACE* 200 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	SURFACE* 200 MB MEAN VECTOR WIND STEADINESS FACTOR	SURFACE* 200 MB MEAN VECTOR WIND DIRECTION	SURFACE* 200 MB MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	850 MB TEMPERATURE NUMBER OF MISSING DAYS	850 MB TEMPERATURE MEAN	850 MB DEW POINT DEPRESSION	850 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	850 MB MEAN VECTOR WIND STEADINESS FACTOR	850 MB MEAN VECTOR WIND DIRECTION	850 MB MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	700 MB TEMPERATURE NUMBER OF MISSING DAYS	700 MB TEMPERATURE MEAN	700 MB DEW POINT DEPRESSION	700 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	700 MB MEAN VECTOR WIND STEADINESS FACTOR	700 MB MEAN VECTOR WIND DIRECTION	700 MB MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	500 MB TEMPERATURE NUMBER OF MISSING DAYS	500 MB TEMPERATURE MEAN	500 MB DEW POINT DEPRESSION	500 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	500 MB MEAN VECTOR WIND STEADINESS FACTOR	500 MB MEAN VECTOR WIND DIRECTION	500 MB MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	300 MB TEMPERATURE NUMBER OF MISSING DAYS	300 MB TEMPERATURE MEAN	300 MB DEW POINT DEPRESSION	300 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	300 MB MEAN VECTOR WIND STEADINESS FACTOR	300 MB MEAN VECTOR WIND DIRECTION	300 MB MEAN VECTOR WIND SPEED
APRIL 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
SAN ANDRES,COLOMBIA	2	1,012		25.9	3.3					1,511	0	15.6	4.1	0	93	60	7	3,138	0	8.2	13.1	0	48	47	2	5,857	0	-4.5	18.4	1	25	360	1	9,668	8	-32.9	12.2	8	79	277	9
		12,388	8	-55.0		8	88	258	15	14,167	10	-69.0		10	93	261	15	16,518	10	-80.6		11	50	278	4	20,527	11	-64.9		11	37	70	2	23,730	12	-53.9		12	37	319	2
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	990		-20.5	3.7					1,140	7	-23.3	3.2	8	43	194	4	2,543	7	-28.1	4.0	8	55	194	5	4,908	7	-39.5	1.8	8	29	227	3	8,264	8	-54.8		11	49	263	7
		10,883	9	-50.8		12	80	282	8	12,753	9	-52.0		12	88	287	10	15,384	12	-54.5		15	91	288	13	19,782	16	-57.7		17	90	287	19	23,031	20	-59.1					
MAY 1985																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
SAN ANDRES,COLOMBIA	2	1,010		26.7	2.5					1,508	7	17.1	1.9	8	84	69	4	3,147	7	9.9	11.7	8	70	83	4	5,866	7	-5.3	14.5	8	23	120	1	9,684	9	-31.7	12.9	10	16	245	1
		12,421	11	-54.1		11	62	258	5	14,204	11	-69.2		11	72	267	6	16,548	12	-79.5		12	48	261	2	20,610	12	-63.7		12	91	82	5	23,841	14	-52.9		14	58	89	2
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	992		-21.9	5.5					1,147	11	-25.0	3.9	14	42	188	5	2,545	11	-29.5	3.7	15	32	195	4	4,886	11	-42.7		14	24	265	3	8,170	12	-62.0		14	54	278	9
		10,692	13	-59.8		14	74	297	11	12,484	15	-61.8		16	89	283	16	14,950	19	-67.8		21	91	278	17																
JUNE 1985																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
SAN ANDRES,COLOMBIA	2	1,011		27.3	2.7					1,515	0	17.4	2.2	2	94	87	8	3,157	1	9.6	7.0	3	96	100	8	5,871	0	-6.3	10.1	2	79	112	5	9,682	0	-32.0	10.4	2	24	350	1
		12,412	0	-54.8		2	44	321	4	14,193	1	-68.9		3	49	337	5	16,557	1	-75.1		3	56	79	3	20,688	2	-61.3		4	98	84	9	23,912	6	-54.1		8	87	95	7
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	986		-21.2	5.0					1,107	9	-25.6	3.7	12	64	182	7	2,495	9	-32.4	3.4	15	79	194	6	4,807	10	-44.5		14	63	196	5	8,106	10	-58.6		13	55	262	7
		10,651	11	-60.1		13	78	277	10	12,444	12	-62.8		15	88	288	15	14,959	17	-65.9		18	95	300	25																
JULY 1985																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
SAN ANDRES,COLOMBIA	2	1,011		26.9	2.8					1,518	0	17.0	1.8	0	98	82	10	3,156	0	9.2	8.6	0	95	92	9	5,864	0	-6.8	11.7	0	92	105	7	9,663	0	-32.9	10.7	0	27	70	1
		12,382	1	-55.7		1	26	328	3	14,155	1	-69.4		1	34	334	3	16,526	1	-75.6		1	94	86	8	20,696	3	-60.9		3	96	81	10	23,924	4	-53.2		7	96	98	10
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	978		-30.3	4.0					1,018	7	-29.8	4.3	8	11	202	1	2,394	7	-32.1	4.9	8	38	229	3	4,724	7	-42.9		8	48	241	7	8,014	8	-62.8		10	61	277	12
		10,454	10	-70.6		13	90	287	17	12,147	13	-73.2		18	91	287	16																								
AUGUST 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	986		-23.9	5.6					1,106	6	-23.7	5.7	10	29	172	2	2,508	6	-28.5	6.2	10	63	215	5	4,858	6	-42.1	2.9	10	60	214	8	8,152	6	-63.9		11	43	237	7
		10,574	10	-74.3		12	57	235	9	12,222	12	-77.6		19	72	249	9																								

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	SURFACE* 200 MB TEMPERATURE NUMBER OF MISSING DAYS	SURFACE* 200 MB TEMPERATURE MEAN	SURFACE* 200 MB DEW POINT DEPRESSION	SURFACE* 200 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	SURFACE* 200 MB MEAN VECTOR WIND STEADINESS FACTOR	SURFACE* 200 MB MEAN VECTOR WIND DIRECTION	SURFACE* 200 MB MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	850 MB 150 MB TEMPERATURE NUMBER OF MISSING DAYS	850 MB 150 MB TEMPERATURE MEAN	850 MB 150 MB DEW POINT DEPRESSION	850 MB 150 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	850 MB 150 MB MEAN VECTOR WIND STEADINESS FACTOR	850 MB 150 MB MEAN VECTOR WIND DIRECTION	850 MB 150 MB MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	700 MB 100 MB TEMPERATURE NUMBER OF MISSING DAYS	700 MB 100 MB TEMPERATURE MEAN	700 MB 100 MB DEW POINT DEPRESSION	700 MB 100 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	700 MB 100 MB MEAN VECTOR WIND STEADINESS FACTOR	700 MB 100 MB MEAN VECTOR WIND DIRECTION	700 MB 100 MB MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	500 MB 50 MB TEMPERATURE NUMBER OF MISSING DAYS	500 MB 50 MB TEMPERATURE MEAN	500 MB 50 MB DEW POINT DEPRESSION	500 MB 50 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	500 MB 50 MB MEAN VECTOR WIND STEADINESS FACTOR	500 MB 50 MB MEAN VECTOR WIND DIRECTION	500 MB 50 MB MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	300 MB 30 MB TEMPERATURE NUMBER OF MISSING DAYS	300 MB 30 MB TEMPERATURE MEAN	300 MB 30 MB DEW POINT DEPRESSION	300 MB 30 MB MEAN VECTOR WIND NUMBER OF MISSING DAYS	300 MB 30 MB MEAN VECTOR WIND STEADINESS FACTOR	300 MB 30 MB MEAN VECTOR WIND DIRECTION	300 MB 30 MB MEAN VECTOR WIND SPEED
SEPTEMBER 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	976		-23.0	5.2					1,025	8	-25.6	4.5	14	54	190	5	2,414	8	-31.6	2.7	15	78	198	7	4,746	8	-43.4		15	59	201	5	8,029	11	-64.1		16	48	206	5
		10,453	14	-71.2		18	54	256	5	12,141	15	-74.4		19	77	279	9	14,492	17	-76.6		19	75	273	11	18,482	19	-78.0						21,416	21	-74.7					
OCTOBER 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	977		-17.9	7.1					1,052	2	-22.7	3.6	4	79	170	9	2,456	2	-29.4	2.9	6	67	174	8	4,805	2	-41.0	3.6	7	30	146	3	8,120	3	-62.2		8	5	202	1
		10,582	4	-68.4		9	62	268	6	12,311	7	-70.2		10	79	287	13	14,726	12	-71.0		12	90	274	19	18,919	20	-63.8		21	86	273	33	22,052	22	-53.7					
NOVEMBER 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MAWSON	2	978		-5.4	8.8					1,091	0	-14.5	8.3	2	95	103	8	2,541	0	-21.1	9.1	1	34	185	2	4,956	0	-35.6	7.7	0	58	245	6	8,332	0	-57.9		0	75	253	13
		10,842	1	-63.5		0	90	260	17	12,606	1	-64.0		0	92	263	20	15,092	1	-62.2		0	94	267	25	19,492	4	-48.0		2	94	279	33	22,940	9	-37.4		11	93	288	33
DAVIS	1	976		-7.7	6.6					1,079	0	-13.5	3.7	2	74	48	5	2,530	0	-22.3	4.9	5	42	15	3	4,926	0	-37.6	7.2	2	29	256	3	8,282	0	-58.9		3	71	275	8
		10,780	0	-64.1		4	87	274	9	12,539	0	-64.4		7	91	277	12	15,024	0	-62.2		7	89	274	11	19,412	4	-47.8						22,794	12	-37.6					
CASEY	1	975		-6.1	1.6					1,082	0	-11.4	4.6	7	49	318	3	2,546	0	-20.0	4.8	1	47	306	4	4,966	0	-35.2	6.3	1	48	291	6	8,363	1	-55.5		2	68	281	13
		10,919	1	-58.3		3	83	289	17	12,742	3	-57.1		4	88	296	23	15,326	4	-52.5		9	93	301	30	19,930	9	-40.1		3	94	288	44								
MCMURDO	1	974		-10.4	7.3					1,057	3	-16.3	6.2	3	41	184	2	2,495	4	-24.7	4.9	4	54	187	3	4,884	4	-37.2	6.2	4	38	233	3	8,263	4	-56.6		4	43	257	5
		10,802	4	-60.2		4	75	285	9	12,601	4	-59.5		4	88	289	13	15,157	6	-55.5		7	90	291	19	19,681	11	-41.3		13	91	288	31	23,232	14	-33.0		20	91	303	33
AUSTRALASIA																																									
AUSTRALIA WESTERN																																									
BROOME	1	1,007		27.1	4.7					1,502	5	23.0	15.7	0	11	244	1	3,155	5	9.8	8.5	0	56	60	3	5,854	5	-6.4	17.8	0	26	253	2	9,647	6	-32.8		0	82	243	12
		12,376	6	-54.0		1	86	247	16	14,157	7	-68.5		1	83	257	14	16,498	8	-81.1		2	68	258	7	20,582	14	-62.1		6	95	105	7								
PORT HEDLAND AIRPORT	1	1,007		24.4	6.1					1,497	0	22.6	19.2	1	38	279	2	3,148	0	9.6	11.6	0	62	348	5	5,845	0	-6.9	19.8	0	69	271	7	9,634	0	-33.3		2	87	259	17
		12,356	0	-54.1		2	92	259	24	14,140	0	-67.8		3	90	267	20	16,490	0	-80.5		3	84	273	10	20,553	1	-63.1		4	98	99	9								
CARNARVON AIRPORT	1	1,011		19.0	4.2					1,484	4	15.8	17.2	0	27	256	2	3,107	4	7.4	18.9	1	83	308	11	5,793	4	-8.5	19.1	0	93	282	16	9,551	4	-34.9		0	94	272	29
		12,263	4	-54.1		0	94	269	37	14,052	4	-66.7		0	95	272	33	16,440	4	-75.4		2	97	272	20	20,570	4	-62.2		4	95	102	8					19	98	89	11
PERTH AIRPORT	1	1,012		16.0	4.6					1,486	0	10.7	8.2	0	41	266	3	3,080	0	3.2	17.6	0	72	287	7	5,721	0	-13.7	16.4	0	90	278	15	9,405	0	-39.7		2	92	272	27
		12,082	0	-54.0		1	96	275	36	13,899	0	-60.4		1	97	273	33	16,383	0	-66.3		1	97	277	20	20,633	1	-59.6		2	93	84	6								
ALBANY AIRPORT	1	1,007		13.9	2.1					1,486	9	9.5	11.0	5	46	296	4	3,074	9	1.7	15.7	5	70	284	8	5,701	9	-14.6	14.5	5	83	281	12	9,373	9	-40.8		6	86	277	23
		12,033	10	-55.4		6	97	274	33	13,844	11	-60.0		7	96	274	31	16,346	13	-63.3		7	98	274	18	20,651	13	-57.6		16	77	70	4								
GILES	1	944		25.5	21.1					1,509	0	20.5	17.0	0	22	76	2	3,151	0	8.5	11.9	0	62	248	6	5,831	0	-10.1	9.7	4	79	260	11	9,581	0	-35.5		4	86	253	24
		12,288	0	-53.7		4	89	251	30	14,093	0	-63.9		4	92	260	25	16,502	0	-74.0		4	85	269	12	20,639	1	-62.2		5	96	88	11	23,846	16	-54.1					
KALGOORLIE AIRPORT	1	972		16.9	8.8					1,506	4	13.5	10.1	3	25	343	2	3,113	4	4.0	11.3	5	85	283	10	5,761	4	-12.6	14.2	10	92	274	17	9,464	6	-39.2		16	94	266	29
		12,146	8	-54.5		17	96	256	36	13,957	8	-61.5		19	96	261	34	16,408	12	-67.7		25				20,642	15	-60.3						23,865	19	-55.0					
FORREST AIRPORT	1	996		16.2	6.3					1,497	0	13.8	15.3	0	23	281	2	3,103	0	4.2	13.9	1	73	266	8	5,754	0	-12.7	11.8	0	86	267	16	9,444	0	-39.8		0	89	265	26
		12,118	0	-54.8		0	92	261	35	13,928	0	-61.5		0	93	261	32	16,399	0	-67.2		0	94	265	18	20,631	3	-59.6		3	95	80	8	23,876	19	-53.2		15	99	84	13
AUSTRALIA NORTHEASTERN																																									
WILLIS ISLAND	1	1,010		26.9	4.1					1,503	0	17.1	5.0	0	62	109	3	3,138	0	9.2	11.5	1	42	160	3	5,850	0	-5.6	13.3	0	57	260	5	9,654	2	-32.3		0	81	272	13
		12,382	2	-54.4		4	92	285	18	14,160	2	-69.5		5	90	281	16	16,488	2	-81.4		6	83	275	8	20,598	12	-61.7		12	95	100	7								
DARWIN AIRPORT	1	1,006		28.0	4.3					1,506	0	19.9	6.4	0	48	78	2	3,150	0	9.3	7.7	0	81	116	7	5,857	0	-6.2	13.4	0	17	142	1	9,664	0	-31.4		1	48	240	5
		12,405	0	-53.1		1	55	259	6	14,196	0	-68.0		1	56	284	6	16,531	0	-82.9		1	26	66	2	20,583	2	-62.4		4	32	147	2					20	13	126	1
ALICE SPRINGS AIRPORT	1	950		24.6	15.9					1,507	0	18.4	13.7	1	27	64	3	3,138	0	7.7	12.0	1	68	249	6	5,816	0	-9.8	13.2	0	88	247	12	9,566	1	-35.3		0	91	256	21
		12,276	1	-53.3		0	90	255	27	14,074	2	-65.2		0	94	262	27	16,469	2	-74.8		0	95	262	20	20,593	3	-63.4		2	95	93	9								
MT. ISA AIRPORT	1	972		26.9	13.2					1,506	5	19.6	14.2	0	23	151	1	3,144	5	7.8	10.5	0	65	232	5	5,836	5	-7.7	14.5	0	64	251	8	9,606	5	-34.2		1	88	273	19
		12,324	5	-53.9		3	89	274	23	14,119	5	-66.0		15	92	273	21	16,498	5	-77.1						20,612	5	-61.9													
CHARLEVILLE AIRPORT	1	978		22.4	7.5					1,507	0	15.7	8.9	0	48	323	4	3,125	0	5.7	10.1	1	78	274	7	5,795	0	-10.5	11.9	0	87	261	12	9,530	0	-36.9		0	88	266	23
		12,223	0	-54.2		1	90	272	34	14,032	0	-62.7		1	94	268	31	16,471	0	-70.9		0	95	262	16	20,650	1	-61.4		7	97	88	9	23,866	20	-54.5		20	99	88	12
TOWNSVILLE AIRPORT	1	1,011		27.1	5.3					1,511	0	17.1	6.0	0	41	65	3	3,143	0	7.8	8.3	1	47	243	3	5,842	0	-6.8	16.4	1	68	265	7	9,632	0	-32.8		0	88	275	17
		12,360	0	-53.6		2	94	280	25	14,154	0	-66.7		0	93	277	24	16,517	0	-78.7		1	88	267	13	20,600	2	-62.7		3	95	96	9								
BRISBANE AIRPORT	1	1,014		22.6	6.4					1,505	0	11.6	3.9	0	7	311	0	3,108	0	3.7	11.3	0	62	260	6	5,767	0	-11.5	11.5	0	79	265	12	9,481	0	-38.1		0	87	265	24
		12,163	0	-55.2		0	93	271	37	13,966	0	-62.6		0	95	268	35	16,411	0	-70.2		0	96	267	19	20,604	2	-61.5		1	97	89	9	23,823	6	-54.9		11	97	83	12
AUSTRALIA SOUTHEASTERN																																									
WOOMERA AERODROME	1	995		21.0	11.9					1,502	4	12.6	11.0	3	11	227	1	3,106	4	3.8	11.3	0	54	263	6	5,756	4	-12.5	12.3	4	72	257	12	9,449	4	-39.7		4	82	262	24
		12,114	4	-54.7		6	89	261	32	13,935	5	-60.0		7	93	263	29	16,420	5	-66.2		8	93	268	15	20,667	5	-59.5		7	87	89	7	23,896	16	-54.4		17	98	85	13
COBAR	1	982		20.7	9.1					1,493	2	11.9	8.9	1	21	324	2	3,089	2	2.6	10.1	0	61	271	6	5,731	2	-13.4	10.0	0	71	265	10	9,414	2	-40.4		0	79	259	20
		12,076	3	-54.7		2	88	264	20	13,898	4	-60.0		3	96	262	24	16,387	4	-65.3		4	90	269	11	20,643	10	-59.5		12	95	84	9								
ADELAIDE AIRPORT	1	1,015		17.8	7.8					1,495	0	8.7	9.0	1	31	239	2	3,081	0	1.7	13.4	1	43	272	5	5,718	0	-13.8	14.7	1	58	265	9	9,387	1	-41.2		0	72	262	18
		12,043	1	-54.8		0	86	263	25	13,883	2	-56.1		1	94	268	23	16,423	4	-61.1		1	94	266	14	20,757	4	-56.8		2	84	79	6	24,019	9	-52.6		11	98	85	13

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
NOVEMBER 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AUSTRALASIA																																									
AUSTRALIA SOUTHEASTERN																																									
MT. GAMBIER AIRPORT	1	1,008		14.3	3.8					1,484	0	6.6	6.1	2	18	247	1	3,062	0	0.5	13.8	2	49	273	4	5,680	1	-15.8	13.9	2	54	274	7	9,321	1	-43.3		2	67	278	14
		11,957	1	-55.3		3	81	273	19	13,787	1	-56.1		3	92	269	18	16,340	1	-59.8		3	89	275	11	20,691	3	-56.5		6	83	71	6	23,961	10	-53.6		15	98	84	15
LAVERTON AERODROME	1	1,013		15.7	4.2					1,483	0	7.3	6.5	1	9	241	1	3,061	0	0.2	12.8	0	31	255	3	5,678	0	-15.9	13.4	0	44	257	6	9,319	1	-43.1		0	69	266	13
		11,955	1	-55.7		1	84	265	17	13,787	1	-55.7		2	91	266	16	16,345	2	-59.2		4	84	263	9	20,707	9	-56.2		9	92	86	6								
WILLIAMTOWN AERODROME	1	1,013		18.6	3.6					1,491	1	9.5	4.5	1	36	245	3	3,077	1	1.1	10.0	0	54	268	5	5,709	1	-14.2	15.3	0	66	269	10	9,380	1	-41.2		0	78	265	19
		12,032	1	-55.7		0	92	265	27	13,848	1	-59.3		1	95	264	23	16,355	2	-64.0		3	89	262	11	20,627	4	-59.3		6	95	95	9								
HOBART AIRPORT	1	1,017		13.5	5.5					1,483	10	3.8	5.9	0	18	223	1	3,047	10	-1.8	12.6	0	32	259	3	5,643	10	-18.3	12.6	0	56	260	7	9,246	10	-45.6		0	60	265	12
		11,864	10	-55.6		0	76	269	14	13,703	10	-54.8		1	90	268	12	16,285	10	-55.6		6	91	271	9	20,710	12	-53.9		12	79	61	4								
SOUTH PACIFIC																																									
HONIARA	1	1,003		28.9	5.1					1,506	2	18.7	1.9	0	21	24	1	3,153	2	10.6	4.7	0	32	334	2	5,879	2	-5.0	6.5	0	33	276	2	9,707	2	-30.8		0	55	289	4
		12,442	3	-55.1		3	48	274	3	14,209	3	-71.2		3	48	262	3	16,509	3	-83.9		3	27	154	2	20,615	6	-61.3		7	68	271	4	23,831	15	-53.3		19	18	245	1
NORFOLK ISLAND AIRPORT	1	1,003		19.1	3.9					1,501	1	8.9	4.7	1	19	40	2	3,097	1	3.3	13.2	0	36	299	3	5,746	1	-12.3	11.0	0	76	268	10	9,455	1	-38.5		0	89	272	22
		12,127	1	-55.2		0	93	269	33	13,989	1	-60.9		0	95	271	32	16,413	1	-67.1		0	94	260	16	20,656	5	-59.9		6	91	93	7	23,886	13	-54.0		13	99	86	12
LORD HOWE ISLAND	1	1,010		19.3	4.3					1,495	0	9.0	4.4	0	21	267	2	3,087	0	2.9	12.7	1	50	256	5	5,733	0	-13.1	12.5	0	72	273	10	9,419	0	-40.5		0	82	272	20
		12,080	0	-55.1		0	92	272	29	13,898	0	-59.2		0	95	270	25	16,400	2	-64.8	.8	0	91	272	12	20,670	9	-58.5		4	91	94	8								
MACQUARIE ISLAND	1	1,005		5.6	2.9					1,355	0	-2.4	3.8	0	87	266	14	2,897	0	-8.9	7.7	0	90	266	17	5,408	0	-24.7	10.1	0	86	267	21	8,938	0	-47.8		0	83	269	23
		11,573	0	-51.1		0	91	270	25	13,448	0	-49.8		0	93	271	22	16,101	0	-48.9		0	96	275	35	20,677	0	-46.3		0	85	290	17	24,080	2	-44.7		3	41	355	3
COCOS ISLAND AP	1	1,011		25.1	5.0					1,507	1	15.4	2.7	0	69	122	3	3,139	1	9.7	14.3	2	6	103	0	5,855	1	-5.4	14.9	3	53	89	3	9,674	2	-31.4		4	42	95	4
		12,405	2	-54.5		6	44	11	4	14,183	4	-69.5		6	68	13	7	16,508	7	-81.9		10	48	75	4	20,568	7	-63.5		10	44	247	2	23,778	18	-54.6					
DECEMBER 1985																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	980		-3.3	9.9					1,125	11	-11.7	7.1	11	81	184	6	2,583	11	-21.8	5.4	12	86	193	7	4,992	11	-35.8	7.2	12	64	196	5	8,387	11	-55.2		12	46	254	5
		10,945	14	-53.6		15	68	258	5	12,797	15	-51.4		16	76	260	5	15,495	16	-42.6		19	72	293	5	20,320	26	-32.0													
JANUARY 1986																																									
SOUTH AMERICA																																									
ANTARCTICA																																									
MCMURDO	1	988		-3.9	8.1					1,184	22	-11.5	4.8					2,643	22	-21.1	3.4					5,062	22	-34.5	7.2					8,488	22	-49.0					
		11,198	22	-42.7						13,137	23	-42.3						15,892	24	-40.5						20,645	25	-37.5													
EUROPE																																									
NETHERLANDS																																									
DE BILT	1	1,006		1.0	1.7					1,355	0	-4.2	5.0	0	59	278	9	2,861	0	-12.4	9.1	0	68	285	11	5,355	0	-28.4	7.4	0	68	294	16	8,825	0	-51.9		0	68	297	22
		11,415	1	-55.2		0	77	300	22	13,262	2	-53.9		0	21	293	21	15,855	3	-54.6		0	85	286	19	20,281	6	-54.7		0	83	279	23					0	87	270	29
FEBRUARY 1986																																									
EUROPE																																									
ICELAND																																									
KEFLAVIK	2	1,017		2.6	2.7					1,467	0	-6.4	3.1	0	70	156	8	2,967	0	-13.0	10.0	0	60	174	7	5,450	0	-29.9	9.8	0	46	176	7	8,897	0	-55.0		0	36	185	7
		11,412	0	-65.4		0	45	216	7	13,163	0	-64.9		0	69	249	9	15,626	0	-67.0		0	87	259	15	19,777	3	-72.3		4	96	267	26	22,768	7	-74.1		8	95	271	36
NETHERLANDS																																									
DE BILT	1	1,017		-4.4	2.4					1,412	2	-8.2	10.1	0	83	81	9	2,905	2	-14.3	15.5	0	72	69	8	5,376	2	-30.3	16.7	0	51	47	7	8,826	2	-53.5		0	33	8	6
		11,393	3	-57.4		0	51	331	7	13,217	3	-56.4		0	75	310	9	15,780	4	-57.6		0	91	297	13	20,133	5	-60.7		0	83	287	18	23,322	6	-60.8		0	95	276	29
AFRICA																																									
MADAGASCAR																																									
ANTANANARIVO/IVATO	3	873		21.4	6.7					1,495	0	19.4	5.6	0	26	320	3	3,132	0	9.3	5.2	0	45	300	6	5,849	0	-5.1	10.9	0	57	300	10	9,674	0	-30.5	11.2	0	42	290	7
		12,422	0	-52.7		0	48	270	8	14,214	0	-67.5		0	28	250	5	16,570	1	-79.8		5	26	140	4																

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
MARCH 1986		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH AMERICA																																											
VENEZUELA																																											
LA CANADA(MARACAIBO)		1,008		24.5	4.3					1,511	10	17.2	3.3	9	58	121	6	3,145	10	8.1	6.5	9	46	125	5	5,858	10	-4.6	23.5	9	48	54	8	9,679	10	-31.5	19.0	9	44	306	7
		12,415	10	-53.9		9	48	240	10	14,204	10	17.9		9	11	310	3	16,576	10	-78.7		9	23	352	5																		
MARACAY-B.A. SUCRE		963		22.1	5.0					1,506	1	17.4	12.3	1	69	82	5	3,137	1	8.1	15.8	1	18	107	2	5,851	1	-4.2	23.7	1	61	82	9	9,675	1	-31.6	18.9	1	30	24	5
		12,412	1	-53.4		1	25	263	6	14,206	3	-67.2		3	31	298	6	16,578	3	-78.0		3	23	55	5	20,620	12	-65.1						23,812	15	-55.1					
SAN ANTONIO DEL TACHIRA		970		21.8	1.9					1,496		16.6	2.5	0	51	115	4	3,126	0	7.7	4.1	0	75	140	10	5,835		-5.4	20.0		62	75	8	9,655		-31.3	19.4		44	85	7
		12,389		-55.1			31	165	6																																		
PERU																																											
LIMA-CALLAO/INTL AP/	1	1,009		22.3	4.0					1,500	12	17.8	5.9	12	5	86	**	3,139	12	9.3	6.3	12	29	50	1	5,858	12	-5.7	2.5	12	33	100	1	9,681	12	-31.4	5.9	12	94	81	7
		12,411	12	-55.4		13	94	63	12	14,183	14	-69.6		14	94	61	10	16,523	17	-80.5						20,511	25	-70.2						23,640	25	-57.6					
EUROPE																																											
NETHERLANDS																																											
DE BILT	1	1,013		3.2	2.2					1,420	0	-1.9	7.1	0	58	241	7	2,940	0	-9.9	10.3	0	65	250	8	5,456	0	-25.0	11.4	0	64	262	11	8,964	0	-49.5		0	60	277	16
		11,579	0	-54.3		0	67	281	13	13,426	0	-53.5		0	76	273	11	16,019	1	-55.7		0	83	277	10	20,391	2	-58.1		0	80	293	11	23,608	3	-59.9		0	69	305	12
GERMAN DEMOCRATIC REP																																											
GREIFSWALD	1	1,016		0.7	2.6					1,435	0	-2.2	7.7	0	59	214	7	2,955	0	-10.4	10.7	0	61	215	8	5,465	0	-26.9	7.6	0	65	221	11	8,961	0	-50.4	6.8	0	55	232	13
		11,554	0	-56.5	7.3	0	60	246	11	13,382	0	-56.1	8.0	0	74	257	10	15,946	2	-59.0	8.5	0	81	270	10	20,258	3	-62.0		0	80	297	12	23,404	5	-63.5		0	79	303	16
LINDENBERG	1	1,003		1.7	2.5					1,443	1	-2.1	6.3	0	51	205	6	2,963	1	-10.3	8.7	0	53	214	6	5,477	1	-26.5	7.8	0	54	224	9	8,977	1	-50.6	6.7	0	44	239	11
		11,562	1	-57.3	7.0	0	54	249	10	13,384	3	-56.9	7.8	0	69	260	10	15,939	3	-59.3	8.1	0	81	274	9	20,247	5	-62.1		0	87	296	11	23,392	9	-63.9		0	80	305	14
MEININGEN	1	962		0.8	2.3					1,439	0	-2.2	3.9	0	54	225	5	2,960	0	-9.9	6.7	0	64	246	7	5,477	0	-26.0	8.5	0	67	251	10	8,985	1	-50.0	6.4	0	49	260	11
		11,568	2	-56.2	6.8	0	57	268	10	13,397	2	-56.3	7.4	0	70	274	10	15,959	4	-58.4	8.0	0	82	274	9	20,296	7	-61.0		0	76	296	9	23,461	12	-62.5		0	73	304	12
POLAND																																											
LEBA	3	1,018		2.2	3.8					1,444	1	-1.7	7.7	1	68	210	8	2,967	0	-9.9	9.0	0	66	215	8	5,484	0	-26.2	8.3	0	62	220	11	8,988	0	-50.8		0	58	220	13
		11,572	0	-57.4		0	60	240	11	13,406	1	-56.0		2	75	260	10	15,978	5	-58.1		5	80	275	9	20,368	11	-61.0		11	83	300	10	23,570	16	-62.3		16	82	315	14
POZNAN	3	1,008		3.1	4.9					1,459	0	-1.7	8.0	0	55	195	6	2,981	0	-10.0	9.6	0	54	210	7	5,496	1	-25.8	8.0	0	48	215	8	9,006	0	-50.4		0	44	225	10
		11,592	1	-56.4		1	48	245	9	13,423	2	-56.1		2	60	265	8	15,998	4	-58.5		4	77	285	8	20,354	12	-61.7		12	79	310	11	23,587	18	-61.7		18	66	325	12
LEGIONOWO	3	1,010		2.4	4.6					1,475	0	-1.4	6.6	0	52	190	5	3,002	0	-9.0	8.6	0	53	195	6	5,528	0	-25.2	8.3	0	45	205	8	9,042	0	-50.6		0	45	215	11
		11,619	1	-59.1		1	44	235	8	13,434	1	-57.0		1	63	260	8	16,007	3	-59.5		3	73	275	8	20,321	7	-62.4		7	88	300	11	23,453	9	-64.4		9	76	310	15
WROCLAW I	1	1,005		2.2	3.2					1,459	0	-1.7	4.6	0	50	210	5	2,983	0	-9.9	6.2	0	46	205	5	5,501	0	-26.0	4.9	1	43	220	7	9,015	0	-49.3		6	36	230	8
		11,609	0	-57.2		18	30	220	6	13,417	9	-57.2						16,014	21	-57.2																					
ROMANIA																																											
CLUJ-NAPOCA	1	971		2.3	3.5					1,480	0	-1.0	4.8	0	70	180	4	3,006	0	-8.7	5.9	1	90	210	8	5,550	0	-24.3	7.5	0	60	210	7	9,058	0	-49.8	5.4	0	50	245	9
		11,638	0	-58.3	3.3	0	50	240	8	13,455	0	-57.0	4.3	0	50	250	8	16,009	0	-59.0	4.7	7	50	270	9	20,405	14	-59.1		14	80	300	12								
BUCURESTI/IMH	1	1,012		2.2	12.2					1,501	1	-1.6	4.9	5	30	85	2	3,033	1	-7.4	6.6	5	30	255	2	5,573	1	-20.9	8.6	5	40	230	4	9,112	1	-48.8	6.9	5	45	245	8
		11,698	3	-56.3	6.7	5	50	255	8	13,534	6	-56.4	6.3	8	60	255	8																								
CONSTANTA	1	1,022		2.6	1.0					1,492	0	-1.3	5.0					3,017	0	-7.6	7.9					5,551	0	-24.7	7.3					9,071	0	-49.9	6.3				
		11,649	0	-58.1	5.9					13,462	1	-57.7	6.2					16,036	2	-59.5	6.5																				
AFRICA																																											
SUDAN																																											
KHARTOUM		965		36.6	30.7					1,515	0	25.9	26.3	0	80	353	4	3,183	4	13.8	25.2	0	55	310	3	5,907	4	-6.2	19.5	0	46	270	3	9,718	4	-31.9	19.3	0	67	278	0
		12,461	4	-53.0		0	83	270	10	14,252	4	-67.0		0	55	267	11	16,618	4	-67.7		1	63	284	8	20,652	14	-68.1		9	69	275	6								
MADAGASCAR																																											
ANTANANARIVO/IVATO	3	876		20.7	7.0					1,526	0	18.1	5.6	0	78	110	10	3,156	0	9.3	8.4	0	62	90	9	5,867	1	-5.8	13.6	1	59	60	10	9,683	1	-51.2	16.4	3	26	90	4
		12,422	1	-54.1		3	5	220	1	14,143	1	-67.0		4	19	60	5	16,583	2	-78.3		4	38	80	7																
SEYCHELLES																																											
SEYCHELLES INTERNATIONAL AP	2	1,008		29.1	4.8					1,495	3	18.0	5.4	1	80	266	4	3,134	3	9.8	8.5	1	86	261	4	5,849	3	-5.8	12.4	1	15	11	1	9,658	3	-32.0	13.1	1	78	98	7
		12,391	4	-53.2		1	81	98	11	14,185	4	-66.4		1	72	99	9	16,551	4	-78.4		1	43	87	3	20,591	5	-67.8		4	91	278	9	23,729	7	-60.1		12	92	272	9
ASIA																																											
JAPAN																																											
WAKKANAI	2	1,013		-2.6	4.0					1,381	1	-10.6	6.7	1	42	326	4	2,852	0	-18.2	9.7	0	62	306	6	5,298	0	-31.9	10.1	0	69	283	12	8,740	0	-52.7		0	75	269	21
		11,345	0	-51.2		0	91	267	21	13,220	0	-50.3		0	93	263	20	15,866	0	-50.5		0	94	257	17	20,384	0	-50.0		0	87	238	9	23,733	4	-49.7		7	45	183	5
SAPPORO	2	1,012		-0.4	4.7					1,389	0	-9.4	5.0	0	46	298	5	2,870	0	-15.8	10.5	0	64	299	9	5,339	0	-30.4	10.5	0	77	280	15	8,800	0	-51.8		0	78	269	25
		11,413	0	-51.7		0	93	268	25	13,284	0	-50.9		0	96	266	24	15,917	0	-51.9		0	95	261	19	20,404	2	-50.8		2	85	240	8	23,729	4	-51.4		6	47	162	4
NEMURO	2	1,010		-3.6	2.8					1,376	0	-9.4	8.2	0	49	326	6	2,858	0	-15.6	9.6	0	54	299	7	5,330	0	-29.5	10.7	0	73	274	14	8,803	0	-51.0		1	82	271	25
		11,417	0	-51.1		1	92	266	25	13,293	0	-50.3		0	93	264	23	15,933	0	-50.9		0	96	258	18	20,437	2	-51.1		3	80	233	7	23,765	6	-50.7		9	36	151	3
AKITA	2	1,014		2.5	4.6					1,415	0	-6.0	7.4	0	65	272	7	2,913	0	-13.7	12.2	0	83	281	13	5,403	0	-27.5	11.9	0	80	280	20	8,907	0	-49.4		0	86	272	32
		11,523	0	-52.4		0	95	268	32	13,384	0	-52.9		0	97	267	30	15,988	0	-53.8		0	97	266	25	20,435	0	-53.1		1	82	242	7	23,730	3	-52.7		5	42	117	3
SENDAI	2	1,010		3.7	6.2					1,419	0	-5.1	6.1	0	65	287	9	2,926	1	-11.1	14.3	0	78	286	13	5,439	0	-25.8	12.4	0	82	276	20	8,961	0	-48.7		0	89	270	33
		11,576	0	-53.7		0	97	269	40	13,430	0	-53.0		0	98	269	36	16,025	0	-55.8		0	98	263	24	20,434	1	-54.6		2	86	244	6	23,713	5	-53.1		9	21	132	1
WAJIMA	2	1,016		3.9	3.8					1,440	0	-3.5	7.7	0	75	270	7	2,951	0	-10.9	12.7	1	78	281	11	5,470	0	-24.9	12.7	4	87	273	21	9,004	0	-48.3		5	91	267	35
		11,623	0	-53.5		4	98	269	41	13,476	0	-53.5		5	99	267	39	16,061	0	-56.6		4	99	265	28	20,454	0	-54.8		4	92	252	8	23,733	3	-53.3		6	20	229	1

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
MARCH 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		4.7	4.6					1,429	0	-1.4	8.9	0	43	298	4	2,953	0	-8.7	13.1	0	72	278	11	5,489	0	-23.6	13.1	0	86	272	21	9,043	0	-46.7		0	96	272	38
		11,672	0	-53.8		0	98	269	46	13,522	0	-54.4		0	98	269	43	16,092	0	-58.3		0	99	266	28	20,449	5	-55.4		5	88	253	6	23,721	8	-53.4					
HACHIJOJIMA	2	995		10.8	5.2					1,448	0	1.9	7.3	0	67	271	9	2,993	0	-5.0	15.1	0	90	276	15	5,566	0	-19.8	12.7	0	95	271	27	9,175	0	-43.4		0	98	270	47
		11,836	0	-52.2		0	98	268	62	13,679	0	-56.8		0	99	268	56	16,205	0	-62.7		0	99	267	35	20,495	2	-58.1		3	78	247	6	23,754	8	-54.6		9	57	78	3
YONAGO	2	1,018		6.9	5.1					1,461	0	-1.7	9.1	0	54	291	5	2,986	0	-8.3	14.5	0	81	296	11	5,534	0	-22.3	13.8	0	88	278	21	9,098	0	-46.6	7.5	0	93	271	36
		11,725	0	-53.8		0	98	271	47	13,569	0	-55.1		0	99	270	44	16,128	0	-59.2		0	99	271	31	20,472	0	-57.0		2	90	261	7	23,738	0	-53.5		7	44	252	2
SHIONOMISAKI	2	1,007		10.2	6.5					1,458	0	1.2	8.8	0	60	292	6	3,002	0	-4.6	16.3	0	87	278	12	5,574	0	-20.0	14.9	0	93	273	22	9,175	0	-44.1		0	97	270	41
		11,826	0	-53.0		0	98	269	53	13,665	0	-57.0		0	99	267	51	16,194	0	-62.5		0	99	270	34	20,492	2	-57.3		2	83	255	5	23,750	4	-54.3		7	23	107	1
FUKUOKA	2	1,016		9.4	5.8					1,467	0	1.3	11.6	0	42	285	4	3,009	0	-5.6	15.9	0	82	285	11	5,575	0	-20.5	14.5	0	88	275	22	9,171	0	-44.4	6.5	0	95	269	42
		11,817	0	-53.5		0	98	271	55	13,656	0	-57.0		0	98	270	50	16,183	0	-62.7		0	99	269	35	20,482	0	-57.6		1	84	257	5	23,738	2	-53.7		2	43	81	2
KAGOSHIMA	2	983		9.3	4.8					1,472	0	3.6	10.9	0	58	294	5	3,031	0	-2.8	14.7	0	89	279	13	5,619	0	-18.2	12.2	0	90	274	22	9,250	0	-42.0		0	98	269	46
		11,925	0	-52.5		0	98	271	61	13,755	0	-59.1		0	98	270	55	16,249	0	-66.0		0	99	269	36	20,492	0	-58.6		1	84	266	6	23,734	1	-54.8		2	17	326	11
NAZE	2	982		13.1	2.9					1,491	0	6.1	9.1	0	71	294	7	3,067	0	-0.2	14.6	0	90	271	13	5,690	0	-14.2	12.6	0	97	268	28	9,388	0	-36.4	12.8	0	98	268	52
		12,112	0	-51.7		0	98	269	61	13,927	0	-63.1		0	99	267	55	16,352	0	-72.0		0	99	266	34	20,513	3	-59.6		4	37	270	2	23,742	7	-54.3		9	42	76	2
ISHIGAKIJIMA	2	1,016		18.7	4.8					1,510	0	9.6	4.0	0	38	266	3	3,109	0	4.0	11.8	0	92	259	11	5,766	0	-11.1	17.8	0	99	267	26	9,536	0	-31.8	17.5	0	99	268	47
		12,280	0	-52.2		0	97	266	48	14,082	0	-65.4		0	98	266	43	16,466	0	-77.4		0	99	266	30	20,527	0	-62.0		3	70	257	4	23,744	0	-54.7		8	70	102	3
NAHA	2	1,014		17.4	5.4					1,506	0	8.0	7.2	0	50	290	5	3,094	0	1.9	12.3	0	91	267	14	5,738	0	-12.2	15.2	0	98	267	28	9,484	0	-32.9	15.5	0	98	268	53
		12,226	0	-51.9		0	98	267	56	14,033	0	-64.8		0	99	266	50	16,431	0	-75.8		0	99	266	34	20,525	2	-61.2		2	66	251	4	23,746	2	-54.5		3	34	148	2
MINAMIDAITOJIMA	2	1,015		17.7	5.0					1,504	0	8.8	8.7	0	64	275	6	3,093	0	2.1	13.4	0	94	268	15	5,741	0	-11.7	16.9	0	99	266	28	9,495	0	-32.3	16.3	0	99	267	51
		12,237	0	-52.3		1	98	266	52	14,039	0	-65.6		2	99	267	48	16,423	0	-76.9		1	98	265	31	20,513	0	-60.9		0	52	249	3	23,736	1	-54.2		3	29	90	2
CHICHIJIMA	2	1,016		17.4	5.8					1,504	0	7.5	8.9	0	70	266	8	3,087	0	1.3	17.4	0	95	270	15	5,727	0	-12.0	17.0	0	98	264	31	9,462	0	-34.1	15.0	0	99	267	55
		12,191	0	-52.6		0	98	267	62	13,996	0	-64.7		0	99	268	56	16,400	0	-74.4		0	99	264	36	20,524	2	-61.9		0	55	241	3	23,740	6	-55.1		8	45	110	2
MINAMITORISHIMA	2	1,016		21.0	5.1					1,523	0	9.8	4.5	0	51	265	4	3,122	0	4.5	17.2	0	91	261	11	5,794	0	-9.8	17.6	0	97	264	23	9,562	0	-33.5	16.2	0	98	272	37
		12,290	0	-53.0		0	98	273	42	14,089	0	-65.9		0	98	272	37	16,463	0	-77.9		0	98	267	25	20,514	1	-64.1		2	46	227	2	23,711	3	-55.6		4	50	90	2
SYRIAN ARAB REPUBLIC																																									
DAMASCUS/NEW INTL AP	2	946		19.2	11.9					1,487	0	9.5	11.6	0	71	236	3	3,063	0	-1.5	15.1	0	75	272	6	5,655	0	-18.9	14.0	0	81	273	14	9,259	0	-44.2	13.7	0	95	274	35
		11,912	0	-53.3		0	94	271	44	13,744	0	-58.3		0	95	273	41	16,252	0	-65.1		0	98	276	26	20,488	1	-61.2		1	88	278	9	23,711	2	-54.9		2	87	256	10
ALEPPO	2	966		17.2	14.2					1,495	0	6.6	4.6	0	24	291	1	3,058	0	-3.6	11.1	0	67	274	5	5,632	0	-20.7	13.5	0	79	275	10	9,198	0	-47.8	11.7	0	87	274	21
		11,817	0	-54.2	16.9	0	95	272	32	13,654	0	-56.9		0	98	273	32	16,185	0	-62.2		0	97	276	22	20,450	1	-61.1		1	93	271	11	23,648	3	-57.2		3	92	264	12
AUSTRALASIA																																									
NORTH PACIFIC																																									
MIDWAY ISLAND	1	1,018		20.2	8.8					1,517	0	9.3	10.4	0	74	257	8	3,113	0	3.6	17.9	0	83	264	13	5,771	0	-11.5	16.3	3	95	274	21	9,496	1	-37.2	9.9	7	92	276	24
		12,186	2	-55.2		11	80	289	27	13,989	3	-63.1		12	89	286	32	16,437	3	-70.5		12	94	274	21	20,608	3	-61.6		11	13	156	1	23,825	4	-55.4		10	60	97	4
APRIL 1986																																									
NORTH AMERICA																																									
MEXICO-NORTHERN																																									
EMPALME	2	1,011		20.6	12.9					1,512	0	18.0	17.6	0	55	264	3	3,141	0	6.7	14.4	0	75	248	7	5,809	0	-12.1	11.6	0	82	244	12	9,506	0	-39.9	5.2	0	82	248	19
		12,155	0	-59.1		0	90	247	25	13,936	0	-63.8		0	97	248	24	16,403	0	-67.7		0	99	247	20	20,596	6	-63.1		6	79	257	5	23,810	8	-55.1		8	20	272	1
MAZATLAN CARRASCO	2	1,010		21.1	1.9					1,502	2	20.5	15.6	4	72	342	4	3,149	0	10.1	16.1	1	69	270	6	5,845	0	-10.0	12.1	1	82	235	8	9,583	0	-37.3	9.5	1	92	244	19
		12,254	0	-58.2		1	94	249	28	14,030	0	-65.2		1	98	248	28	16,456	1	-73.0		2	98	246	22	20,557	4	-66.5		5	31	76	1	23,746	4	-55.6		5	83	66	4
MONTERREY AEROP. INTL	2	960		19.7	2.7					1,499	0	19.0	9.7	1	47	159	3	3,146	0	10.5	15.7	1	48	275	3	5,841	0	-10.3	11.4	1	84	269	10	9,580	7	-37.5	9.6	7	93	256	20
		12,249	7	-58.2		8	93	255	26	14,028	7	-64.8		8	97	259	29	16,468	8	-71.1		12	99	260	22	20,588	14	-64.2		17	35	258	1	23,801	16	-54.4		18	52	54	2
MEXICO-SOUTHERN																																									
VERACRUZ, YLANG YLANG	2	1,010		23.5	1.8					1,514	1	18.4	8.0	4	58	131	2	3,155	1	10.4	17.3	2	30	38	1	5,863	1	-7.7	13.8	1	55	307	3	9,634	1	-35.5	12.3	1	77	248	9
		12,328	1	-55.9		1	89	247	18	14,118	1	-65.0		1	95	239	20	16,525	1	-75.7		2	90	230	12	20,571	2	-66.0		2	44	53	1	23,781	2	-53.6		2	96	59	7
MEXICO CITY INT.AP. D.F.	2	782		11.2	8.5													3,159	5	10.5	11.3	11	32	181	1	5,865	5	-8.2	9.9	6	45	321	3	9,634	5	-35.3	10.9	5	79	261	10
		12,331	6	-55.6		6	90	269	19	14,121	6	-65.1		6	96	258	20	16,533	6	-74.3		6	96	256	15	20,576	8	-66.0		8	49	99	2	23,779	11	-54.2		11	82	86	6
ADJACENT ISLANDS																																									
NASSAU INTL.AP BAHAMAS	2	1,016		17.5	1.9					1,521	7	13.2	11.4	7	43	316	3	3,131	7	5.5	15.9	7	71	300	6	5,801	7	-10.8	14.7	8	88	288	13	9,533	12	-37.5	11.0	14	92	286	24
		12,206	15	-56.5		17	94	285	32	13,997	17	-63.7		19	99	278	32	16,433	21	-71.3						20,579	24	-63.2						23,813	24	-52.5					
PIARCO INT. AP, TRINIDAD	2	1,012		25.0	2.1					1,527	1	17.6	6.3	1	96	112	8	3,166	1	9.4	12.8	1	67	94	3	5,886	1	-4.4	15.3	1	43	276	2	9,712	1	-31.6	9.1	1	88	248	9
		12,449	2	-53.5		2	95	258	16	14,239	2	-68.0		2	94	272	15	16,598	2	-79.4		2	38	281	4	20,630	3	-64.3		3	84	281	6	23,834	4	-54.4		4	94	92	6
SOUTH AMERICA																																									
PERU																																									
LIMA-CALLAO/INTL AP/	1	1,009		20.3	3.3					1,493	11	17.4	4.7	11	79	325	2	3,135	11	10.9	12.7	11	31	133	1	5,861	11	-5.8	4.3	11	50	8	1	9,681	11	-32.0	13.0	11	72	305	6
		12,409	11	-54.5		11	81	319	10	14,191	11	-68.0		13	79	305	8	16,551	16	-80.0																					

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
APRIL 1986		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH AMERICA																																											
CHILE																																											
ANTOFAGASTA	2	1,001		15.6	2.5					1,497	0	17.8	19.2	0	67	50	3	3,137	0	11.1	22.5	0	68	1	4	5,857	0	-6.8	18.8	0	61	303	6	9,633	2	-34.5	13.7	2	85	291	17
		12,348	2	-54.0		2	94	300	30	14,148	2	-64.7		3	97	300	28	16,565	2	-74.6		3	95	297	19	20,658	2	-63.0		4	22	250	2	23,876	6	-53.0		7	96	113	16
QUINTERO	2	1,016		10.8	0.9					1,511	1	13.5	16.9	2	28	323	2	3,126	1	5.9	19.4	1	75	322	7	5,791	1	-11.7	15.5	1	78	275	13	9,498	2	-39.4	12.4	2	84	265	23
		12,167	2	-55.8		8	83	258	26	13,975	2	-60.7		10	87	262	23	16,465	2	-67.0		12	90	270	18	20,686	5	-59.4		13	75	224	4	23,941	7	-51.9		14	49	227	3
EUROPE																																											
ICELAND																																											
KEFLAVIK	2	1,006		4.4	4.1					1,382	0	-4.8	4.5	0	20	142	2	2,889	0	-12.7	9.1	0	13	178	2	5,383	0	-27.6	8.0	0	14	296	3	8,885	0	-49.1		0	34	288	8
		11,509	0	-53.5		0	46	284	8	13,364	0	-52.8		0	54	293	7	15,971	1	-54.1		2	56	286	6	20,420	3	-54.2		3	40	225	3	23,711	6	-51.6		6	73	188	8
NETHERLANDS																																											
DE BILT	1	1,010		4.3	2.2					1,400	0	-2.6	5.4	0	25	216	2	2,916	0	-10.9	12.2	0	42	226	4	5,416	0	-28.0	9.6	0	59	225	8	8,898	0	-50.9		0	64	227	15
		11,527	0	-50.5		0	71	231	10	13,400	1	-50.0		0	77	232	9	16,038	1	-51.5		0	79	226	7	20,540	1	-51.1		0	72	207	6	23,857	1	-51.3		0	48	172	3
AFRICA																																											
SEYCHELLES																																											
SEYCHELLES INTERNATIONAL AP	2	1,009		29.3	4.6					1,498	1	18.2	4.1	0	28	117	1	3,139	1	10.0	6.2	0	50	112	2	5,858	1	-5.4	9.9	0	32	124	2	9,682	1	-30.6	17.8	1	56	57	4
		12,433	1	-51.9		1	26	324	2	14,236	1	-66.0		1	57	299	7	16,598	1	-81.4		1	21	21	1	20,609	2	-67.8		2	97	276	13	23,762	2	-57.8		8	90	274	9
AUSTRALASIA																																											
NORTH PACIFIC																																											
MIDWAY ISLAND	1	1,017		20.9	6.2					1,524	0	10.6	5.5	0	21	156	2	3,127	0	4.5	15.0	0	49	229	6	5,793	0	-11.1	11.6	0	64	240	11	9,512	0	-38.9	9.0	0	69	247	16
		12,174	0	-57.3		1	70	269	23	13,970	0	-61.8		1	82	276	27	16,439	0	-68.2		1	89	270	17	20,656	0	-59.8		1	50	150	2	23,891	1	-53.9		3	51	100	2

UPPER AIR DATA CORRECTIONS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB								850 MB 150 MB								700 MB 100 MB							
			TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND			
		HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
MARCH 1986																									
SOUTH AMERICA																									
BRAZIL-SOUTHERN																									
BRASILIA/AEROPORTO/		899		22.1	5.2					1,538	6	19.6	5.0	7	83	57	5	3,181	6	9.1	8.4	7	75	62	4
		12,448	8	-54.1		7	54	157	8	14,231	8	-67.9		8	57	140	8	16,597	10	-77.4		10	63	108	5

STATION	500 MB 50 MB								300 MB 30 MB							
		TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND			
	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
MARCH 1986																
SOUTH AMERICA																
BRAZIL-SOUTHERN																
BRASILIA/AEROPORTO/	5,901	6	-5.5	13.8	6	45	73	2	9,719	6	-32.2	15.4	6	60	128	6

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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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ASHEVILLE, N.C. 28801

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