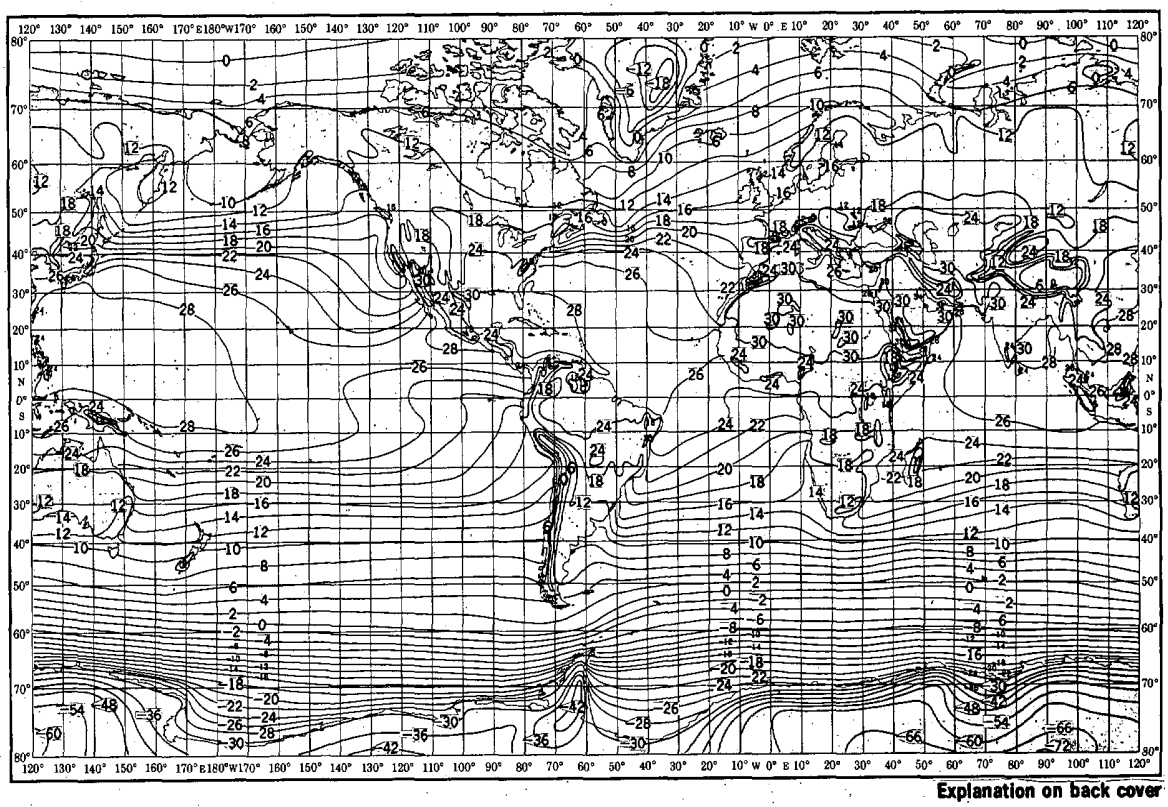
AUGUST 1984 VOLUME 37 NUMBER 8

MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE WORLD METEOROLOGICAL ORGANIZATION

AUGUST

LONG TERM MEAN SURFACE AIR TEMPERATURE (°C)



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PREFACE

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

REFERENCE NOTES

SURFACE DATA TABLE

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

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

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

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

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

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

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

UPPER AIR DATA TABLE

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

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

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

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

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

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

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

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SURFACE DATA

AUGUST 1984

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
NORTH AMERICA															
ALASKA															
BARROW	71 18 N	156 47 W	4	31	1010.8	1011.4	3.6	+ 0.3				42	+ 17		
BARTER ISLAND	70 08 N	143 38 W	15	31	1009.8	1011.8	2.9	- 1.0				51	+ 23		
KOTZEBUE	66 52 N	162 38 W	5	31	1011.3	1011.9	8.3	- 2.8				76	+ 24		
NOME	64 30 N	165 26 W	7	31	1011.5	1012.4	7.2	- 2.7				113	+ 34		96
FAIRBANKS	64 49 N	147 52 W	138	31	994.9	1012.1	12.1	- 1.6				29	- 18		
MCGRATH	62 58 N	155 37 W	103	31	1001.0	1013.6	10.9	- 1.5				58	- 12		
BETHEL	60 47 N	161 48 W	46	31	1012.8	1014.2	9.8	- 1.8				72	- 15		
ANCHORAGE	61 10 N	150 01 W	40	31	1006.1	1011.1	13.7	+ 0.3				82	+ 28		100
ST. PAUL	57 09 N	170 13 W	9	31	1013.9	1014.9	9.4	+ 0.8				104	+ 26		
COLD BAY	55 12 N	162 43 W	31	31	1013.2	1017.2	12.6	+ 1.9				38	- 56		
KING SALMON	58 41 N	156 39 W	15	31	1010.8	1013.0	11.9	- 0.3				61	- 18		
YAKUTAT	59 31 N	139 40 W	9	31	1010.5	1011.7	12.2	+ 0.5				282	+ 27		
JUNEAU	58 22 N	134 35 W	7	31	1012.5	1013.3	12.9	+ 0.3				159	+ 31		
ANNETTE ISLAND	55 02 N	131 34 W	34	31	1011.0	1015.0	13.9	- 0.7				181	- 2		
CANADA-WESTERN															
MOULD BAY	76 14 N	119 20 W	15	31	1004.6	1006.2	0.2	- 1.5	5.7	-0.5	9	52	+ 32	5	
SACHS HARBOUR	71 59 N	125 17 W	86	31	998.3	1008.9	1.4	- 2.9	6.2	-1.0	9	39	+ 17		55
CAMBRIDGE BAY	69 06 N	105 07 W	27	31	1003.5	1007.8	6.2	- 0.7	8.0	-0.4	10	37	+ 11	4	
COPPERMINE	67 50 N	115 07 W	9	31	1006.1	1008.9	8.5	- 0.1	9.1	-0.2	5	34	- 6	3	85
INUVIK	68 18 N	133 29 W	68	31	1002.5	1011.0	9.4	- 0.9	9.2	-0.1	14	68	+ 22		75
CONTWOYTO LAKE	65 29 N	110 22 W	451			U									
NORMAN WELLS	65 17 N	126 48 W	73	31	1000.8	1009.8	12.9	- 0.3	11.2	-0.2	9	44	- 18	2	90
WHITEHORSE	60 43 N	135 04 W	703	31	928.9	1012.0	11.8	- 0.4	8.5	-0.4	12	66	+ 30	5	77
CREE LAKE	57 21 N	107 08 W	499			U									
FORT NELSON	58 50 N	122 35 W	382	31	964.8	1010.5	14.6	- 0.2	12.0	+0.3	16	97	+ 41	5	
FORT SMITH	60 01 N	111 58 W	203	31	983.3	1007.9	16.5	+ 2.2	12.6	+0.7	5	57	+ 19	5	103
PRINCE GEORGE	53 53 N	122 40 W	691	31	933.0	1014.1	14.5	+ 0.8	11.3	-0.2	13	71	- 2	3	99
EDMONTON	53 34 N	113 31 W	671	31	933.7	1011.6	18.4	+ 2.5	12.2	-0.2	6	23	- 49	1	109
EDMONTON STONY PLAIN	53 33 N	114 06 W	766			U									
THE PAS	53 58 N	101 06 W	271	31	978.0	1010.4	19.3	+ 3.0	13.2	-0.6	7	15	- 47	1	113
WINNIPEG INT. AP	49 54 N	97 14 W	239	31	984.0	1012.4	21.0	+ 2.3	15.3	-0.8	5	22	- 52	1	113
REGINA	50 26 N	104 40 W	577	31	945.3	1012.7	21.0	+ 3.1	12.0	-0.6	4	22	- 28	1	109
VERNON	50 14 N	119 17 W	555			U									
LETHBRIDGE	49 38 N	112 48 W	929	31	907.0	1012.8	19.6	+ 2.0	10.0	-0.7	6	23	- 16	3	100
SANDSPIT	53 15 N	131 49 W	6	31	1013.9	1014.6	14.3	- 0.3	12.8	-0.8	18	91	+ 43	5	75
PORT HARDY	50 41 N	127 22 W	22	31	1014.3	1016.9	13.8	0.0	13.4	-0.1	20	101	+ 33	4	
VANCOUVER INT. AP	49 11 N	123 10 W	2	31	1016.1	1016.4	17.3	+ 0.2	13.7	-1.4	4	16	- 21	2	102
CANADA-EASTERN															
ALERT	82 30 N	62 20 W	63	31	997.1	1005.7	0.7	- 0.2	5.4	-0.2	5	21	- 6	3	
EUREKA	80 00 N	85 56 W	10	31	1002.4	1003.7	2.3	- 1.3	5.8	-0.7	2	6	- 3	3	
RESOLUTE	74 43 N	94 59 W	67	31	996.4	1005.1	1.0	- 1.7	5.9	-0.6	5	25	- 6	2	106
CLYDE	70 27 N	68 33 W	6	31	998.1	1001.4	2.9	- 1.1	6.6	-0.4	16	116	+ 86		
HALL BEACH	68 47 N	81 15 W	8	31	1000.9	1001.9	4.5	- 0.4	6.5	-0.8	6	39	+ 7		
BAKER LAKE	64 18 N	96 00 W	13	31	1003.6	1005.9	9.5	- 0.3	9.8	+0.3	9	65	+ 30	5	
CORAL HARBOUR	64 12 N	83 22 W	64	31	996.5	1004.5	6.7	- 0.8	8.0	-0.5	11	98	+ 54	5	
FROBISHER BAY	63 45 N	68 33 W	34	31	999.0	1003.3	6.0	- 0.9	7.3	-0.5	15	80	+ 22	4	97
CHURCHILL	58 45 N	94 04 W	29	31	1003.6	1007.1	14.5	+ 3.0	12.0	+1.3	6	68	+ 10		132
INOUCDJOUAC	58 27 N	78 07 W	5	31	1007.4	1007.7	8.9	+ 0.3	9.6	0.0	14	122	+ 61		101
FORT CHIMO	58 06 N	68 25 W	37	31	1002.6	1007.2	11.2	+ 0.8	10.0	+0.1	12	71	+ 12		
TROUT LAKE	53 50 N	89 52 W	220	31	984.9	1010.7	17.6	+ 3.2	14.7	+2.0	9	86	0	3	
NITCHEQUON	53 12 N	70 54 W	536	31	949.6	1013.6	14.0	+ 2.0	11.7	-0.2	12	75	- 34	2	
MOOSONEE	51 16 N	80 39 W	10	31	1011.4	1012.6	15.3	+ 0.9	14.2	+1.1	8	44	- 40	1	121
KAPUSKASING	49 25 N	82 28 W	227	31	987.1	1014.4	17.2	+ 1.9	14.4	+1.2	8	45	- 47	1	
GERALDTON	49 42 N	86 57 W	331			U									
SEPT-ILES	50 13 N	66 16 W	55	31	1006.1	1012.8	15.5	+ 1.3	13.8	+1.2	10	87	- 12	3	94
GOOSE	53 19 N	60 25 W	49	31	1005.1	1011.1	16.4	+ 1.9	11.3	-0.3	6	24	- 69	0	145
NORTH BAY	46 22 N	79 25 W	371	31	971.8	1015.8	17.9	+ 0.8	16.4	+1.8	11	103	+ 17	4	85
MANIWAKI	46 23 N	75 58 W	170	31	993.8	1014.1	18.3	+ 1.5	18.0	+2.8	8	161	+ 75		87
TORONTO/MALTON INT AP	43 41 N	79 38 W	173	31	994.7	1015.2	21.1	+ 1.1	18.1	+1.7	9	64	- 9	3	
MONTREAL/DORVAL INT AP	45 28 N	73 45 W	36	31	1009.5	1013.8	21.1	+ 1.2	19.5	+3.3	10	112	+254		
BAGOTVILLE	48 20 N	71 00 W	159	31	994.6	1013.8	18.2	+ 1.7	15.8	+2.2	11	78	- 18	2	
CHATHAM	47 01 N	65 27 W	34	31	1009.2	1013.3	20.3	+ 2.3	17.3	+2.5	7	44	- 40	2	89
STEPHENVILLE	48 32 N	58 33 W	26	31	1010.4	1013.8	17.8	+ 1.6	16.8	+2.0	10	133	+ 40		
GANDER INT AP	48 57 N	59 34 W	151	31	996.4	1014.6	16.6	+ 0.8	15.0	+1.3	12	182	+ 81	5	109
SHEARWATER	44 38 N	63 30 W	51	31	1008.7	1014.8	20.1	+ 2.3	19.1	+2.9	9	103	+ 9	3	102
SYDNEY	46 10 N	60 03 W	62	31	1006.9	1014.3	20.0	+ 2.2	19.1	+2.7	11	184	+ 85	5	90
SHELBURNE	43 43 N	65 15 W	30			U									
SABLE ISLAND	43 56 N	60 01 W	4	31	1015.0	1015.5	20.1	+ 2.5	20.7	+2.7	9	75	- 37	2	111
ARGENTIA VTMS NFLD	47 18 N	54 00 W	15	31	1013.9	1015.8	16.6	+ 1.2	15.9	+0.8	8	153	+ 68		
ST. JOHN'S (TORBAY)	47 37 N	52 45 W	141			U									
ST PIERRE AND MIQUELON															
ST PIERRE	46 46 N	56 10 W	5	31	1014.6	1015.2	17.8	+ 2.2	18.4	+2.9	11	152	+ 33	4	96
UNITED STATES-NORTHWEST															
QUILLAYUTE	47 57 N	124 33 W	62	31	1010.5	1018.1	14.9	- 0.2				41	- 31		86
PORTLAND	45 36 N	122 36 W	12	31	1011.1	1016.7	20.8	+ 1.2	13.1		1	2	- 26	1	146
OLYMPIA	46 58 N	122 54 W	61	31	1009.5	1016.7	17.7	+ 0.8	12.6		2	5	- 29	1	
MEDFORD	42 22 N	122 52 W	405	31	967.8	1014.8	22.1	+ 0.4	12.9		1	10	- 2	3	
SPOKANE	47 38 N	117 32 W	721	31	946.0	1013.5	21.2	+ 1.1	10.1		1	7	- 12	2	108

SURFACE DATA

AUGUST 1984

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
NORTH AMERICA															
UNITED STATES-NORTHWEST															
GREAT FALLS	47 29 N	111 22 W	1115	31	888.6	1012.8	22.0	+ 2.3	8.9		6	26	- 8	3	94
SHERIDAN	44 46 N	106 58 W	1209	31	879.8	1013.5	22.7	+ 2.5	11.0		3	24	0	3	97
BISMARCK	46 46 N	100 45 W	506	31	953.9	1013.1	22.0	+ 1.6	13.3		4	22	- 21	2	97
RAPID CITY	44 03 N	103 04 W	966	31	901.9	1012.9	23.8	+ 1.9	11.5		5	25	- 11	2	115
BOISE	43 34 N	116 13 W	871	31	918.4	1012.2	24.2	+ 2.0	10.1		3	31	+ 21	5	89
WINNEMUCCA	40 54 N	117 48 W	1322	31	868.1	1013.0	21.9	+ 1.5	7.9		2	5	- 5	3	96
ELY	39 17 N	114 51 W	1909	31	812.4	1014.1	18.6	0.0				51	+ 35		95
SALT LAKE CITY	40 46 N	111 58 W	1288	31	868.8	1013.2	25.1	+ 1.3	8.4		8	38	+ 14	5	98
GRAND JUNCTION	39 07 N	108 32 W	1475	31	861.5	1013.4	24.8	+ 0.4	12.8		6	45	+ 22	5	108
DENVER	39 45 N	104 52 W	1625	31	841.0	1014.2	22.1	+ 0.2	13.4		8	81	+ 42	6	94
NORTH PLATTE	41 08 N	100 41 W	849	31	917.3	1013.9	24.2	+ 1.8	14.5		7	35	- 14	3	100
UNITED STATES-NORTHEAST															
INTERNATIONAL FALLS	48 34 N	93 23 W	361	31	973.6	1014.1	19.8	+ 2.5				T	+ 42		
DULUTH	46 50 N	92 11 W	432	31	974.2	1015.2	19.8	+ 2.5	16.4		9	50	- 55	1	100
ST. CLOUD	45 35 N	94 11 W	318	31	978.1	1015.5	21.4	+ 1.8				65	- 44		
SAULT STE. MARIE	46 28 N	84 22 W	221	31	993.2	1015.5	18.3	+ 1.1	17.8		6	76	- 12	3	93
BURLINGTON	44 28 N	73 09 W	104	31	1000.5	1015.2	21.7	+ 2.2	16.1		9	84	- 14	2	90
CARIBOU	46 52 N	68 01 W	146	31	991.2	1014.1	18.6	+ 1.7	17.0		9	42	- 59		
DES MOINES	41 32 N	93 39 W	294	31	984.2	1014.8	25.3	+ 2.0	20.0		2	6	- 98	0	113
COLUMBIA	38 49 N	92 13 W	274	31	987.3	1015.2	26.0	+ 1.6	19.7		2	22	- 52	2	103
CHICAGO O'HARE	41 59 N	87 54 W	205	31	991.9	1015.9	22.7	+ 0.5				53	- 36		
ST. LOUIS	38 45 N	90 23 W	172	31	995.6	1015.4	27.1	+ 2.1	21.5		4	16	- 49	1	99
DAYTON	39 54 N	84 13 W	306	31	984.6	1016.8	21.9	- 0.9	18.1		10	52	- 26	2	94
COLUMBUS	40 00 N	82 53 W	254	31	987.7	1017.0	22.7	+ 0.3	18.0		5	75	- 19	3	67
BUFFALO	42 56 N	78 44 W	215	31	988.3	1015.8	21.3	+ 0.8	18.5		12	106	0	4	76
NEW YORK LA GUARDIA	40 46 N	73 54 W	9	31	1004.4	1015.4	24.6	+ 0.5	22.0		6	30	- 80	1	
BOSTON	42 22 N	71 02 W	9	31	1010.5	1014.8	23.7	+ 1.5	21.4		3	41	- 53	2	97
BLUE HILL OBS	42 13 N	71 07 W	195	31			21.6	+ 0.8	20.3		5	23	- 86		95
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	1011.8	1015.9	25.4	+ 0.1				58	- 53		90
UNITED STATES-SOUTHWEST															
SACRAMENTO	38 31 N	121 30 W	8	31	1009.3	1011.8	24.1	+ 0.4				0	- 2		103
SAN FRANCISCO	37 37 N	122 23 W	5	31	1013.9	1014.4	18.0	+ 0.8	13.5		1	3	+ 2	5	
OAKLAND	37 44 N	122 12 W	3			U									
SANTA MARIA	34 54 N	120 27 W	73	31	1005.1	1013.9	20.2	+ 2.9	15.0		0	T	- 1	3	
SAN DIEGO	32 44 N	117 10 W	9	31		1012.9	24.8	+ 2.5	23.9		1	2	- 1	4	90
LAS VEGAS	36 05 N	115 10 W	664	31	946.6	1011.4	29.7	- 1.4	15.4		6	25	+ 11	5	94
PHOENIX	33 26 N	112 01 W	337	31	971.9	1009.9	32.9	+ 0.7				22	- 4		98
EL PASO	31 48 N	106 24 W	1194	31	887.1	1011.7	26.9	+ 0.1	18.7		10	141	+111	6	84
ALBUQUERQUE	35 03 N	106 37 W	1620	31	850.9	1013.5	24.3	- 0.2	14.9		8	69	+ 30	5	107
WICHITA	37 39 N	97 25 W	408	31	967.1	1014.2	28.2	+ 1.7	17.4		2	19	- 52	1	114
OKLAHOMA CITY/W ROGERS WORLD	35 24 N	97 36 W	397	31	972.0	1014.2	28.1	+ 0.8	18.2		7	60	- 1	3	118
NORMAN	35 14 N	97 28 W	362			U									
ABILENE	32 26 N	99 41 W	534	31	954.6	1014.0	28.4	0.0				82	+ 20		99
SAN ANTONIO	29 32 N	98 28 W	242	31	990.6	1014.7	29.3	+ 0.3	21.2		6	77	+ 9	4	97
VICTORIA	28 51 N	96 55 W	36			U									
BROWNSVILLE	25 54 N	97 26 W	6	31	1012.6	1014.6	29.2	+ 0.3	26.7		7	46	- 26	3	84
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 14 W	546	31			26.1	- 0.8	23.6		7	45	- 23	2	111
LONGVIEW	32 21 N	94 39 W	124			U									
NASHVILLE	36 07 N	86 41 W	184	31	997.6	1017.2	24.7	- 1.1	21.1		7	61	- 25	1	85
ASHEVILLE	35 26 N	82 32 W	661	31	940.4	1018.0	22.0	- 0.6	22.1		13	128	+ 6	4	88
ATLANTA	33 39 N	84 26 W	315	31	976.0	1016.9	25.3	- 0.4	22.1		9	164	+ 77	5	92
WAYCROSS	31 15 N	82 24 W	46			U									
CAPE HATTERAS	35 16 N	75 33 W	3	31	1015.7	1016.2	26.3	+ 0.6	26.4		6	120	- 35	3	99
CHARLESTON	32 54 N	80 02 W	15	31	1015.2	1017.1	27.3	+ 0.6				50	-115		92
NEW ORLEANS	29 59 N	90 15 W	9	31	1015.1	1016.8	26.2	- 1.4	25.2		18	242	+ 89	5	
BOOTHVILLE	29 20 N	89 24 W	0			U									
JACKSONVILLE	30 30 N	81 42 W	9	31	1015.9	1017.4	26.8	- 0.4	25.9		7	96	- 86		134
APALACHICOLA	29 44 N	85 02 W	7			U									
WEST PALM BEACH	26 41 N	80 07 W	7			U									
MIAMI	25 48 N	80 16 W	4	31	1016.4	1017.4	28.1	- 0.1	27.8		11	138	- 40	2	
MEXICO-NORTHERN															
ISLA GUADALUPE, B.C.	29 10 N	118 19 W	6			U									
EMPALME	27 57 N	110 48 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 04 W	2234			U									
BELIZE															
BELIZE INTL. AIRPORT	17 32 N	88 18 W	5	31	1012.9	1013.4	27.5		31.0		17	253			54

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
NORTH AMERICA															
COSTA RICA															
JUAN SANTAMARIA	09 59 N	84 13 W	939	31	910.3	1011.6	21.5	- 0.2	20.5	-0.4	18	345	+ 89	4	
PUERTO LIMON	10 00 N	83 03 W	5	31	1010.6	1010.6	24.5	- 1.2	26.9	-1.8	19	435	+141	4	80
PUNTARENAS	09 58 N	84 50 W	3	31	1009.9	1009.9	26.1	- 0.7	29.2	-0.8	13	182	- 66	2	80
ADJACENT ISLANDS															
NASSAU INTL.AP BAHAMAS	25 03 N	77 28 W	7	31	1016.5	1017.3	27.2	- 0.5	28.3	-0.9	15	183	+ 5	4	108
CASA BLANCA, HABANA, CUBA	23 09 N	82 21 W	50		1009.2	1015.6	27.4		28.5		9	56		1	
GRAND CAYMAN, B.W.I.	19 15 N	81 25 W	6			U									
KINGSTON/NORMAN MANLEY, JAM.	17 56 N	76 47 W	14		1012.9	1014.5	28.1		26.6		6	23		1	100
SAN JUAN/INT., P.R.	18 26 N	66 00 W	19	31	1013.2	1016.3	28.1	+ 0.2	16.3		12	153	+ 3	2	104
JULIANA AP, ST. MAARTEN	18 03 N	63 07 W	12			U									
RAIZET, GUADELOUPE	16 16 N	61 31 W	8	31	1014.3	1015.2	27.8	+ 1.0	27.8	-0.8	13	58	-145	0	113
LAMENTIN/MARTINIQUE	14 36 N	61 00 W	144	31	1013.8	1014.6	27.2	+ 0.4	30.4	+1.5	16	165	-278	1	106
GRANTLEY ADAMS AP,BARBADOS	13 04 N	59 29 W	56	31	1008.5	1014.4	27.1	0.0	28.0	-0.7	14	77	- 52		101
DR.A. PLESMAN AP,CURACAO	12 12 N	68 58 W	17	31	1011.3	1012.2	28.2	- 0.2	30.3	+1.0	3	21	- 16	3	102
SAN ANDRES,COLOMBIA	12 35 N	81 42 W	4	31	1011.1	1011.4	27.6		30.1		16	120			
PROVIDENCIA,COLOMBIA	13 22 N	81 22 W	6	31			27.6		30.1		16	224			
DOMINICAN REPUBLIC															
SANTO DOMINGO	18 28 N	69 53 W	14		1013.3	1015.7	26.8		27.6		7	117		2	
SOUTH AMERICA															
VENEZUELA															
MARACAIBO-LA CHINITA	10 34 N	71 44 W	65	31	1002.5	1010.0	28.4	- 0.2	28.0		6	34	- 16		81
LA CANADA(MARACAIBO)	10 31 N	71 39 W	26			U									
MARACAY-B.A. SUCRE	10 15 N	67 39 W	443	31	961.7	1010.3	24.3	0.0	25.1		12	1089	+910		82
CARACAS/LA CARLOTA	10 30 N	66 53 W	835	31	920.4	1509 Y	22.7	+ 0.5	22.2		16	111	- 11		81
BARCELONA	10 07 N	64 41 W	7	31	1013.2	1014.0	25.8	- 0.5	26.9		12	110	- 12		87
CIUDAD BOLIVAR	08 09 N	63 33 W	55	31	1005.2	1010.5	26.8	- 0.7	27.8		9	164	+ 2		90
SAN ANTONIO DEL TACHIRA	07 51 N	72 27 W	405	31	968.8	1011.1	26.3	- 1.0	24.0		8	24	- 3		85
MERIDA	08 36 N	71 11 W	1498	31	852.3	1521 Y	19.2	- 0.1	17.3		22	167	+ 34		87
SAN FERNANDO DE APURE	07 54 N	67 25 W	74	31	1007.9	1013.6	26.5	+ 0.4	31.2		18	8282			90
SURINAM															
ZANDERIJ	05 27 N	55 12 W	16		1010.5	1012.9	26.2		28.0		21	291			
FRENCH GUIANA															
CAYENNE/ROCHAMBEAU	04 50 N	52 22 W	9	31	1012.2	1013.3	26.0	+ 0.4	28.2	+0.5	17	170	+ 6	3	96
COLOMBIA															
SANTA MARTA/SIMON BOLIVAR	11 07 N	74 14 W	4	31			28.1		28.4		6	36			
CARTAGENA/CRESPO	10 27 N	75 31 W	2	31	1012.2	1012.4	27.3		30.5		11	295			
BARRANQUILLA	10 53 N	74 46 W	14	31	1008.1	1009.7	27.3		30.3		6	682			
QUIBDO	05 42 N	76 38 W	73	31			26.4		28.8		28	848			
TUMACO/EL MIRA	01 38 N	78 46 W	16	31	1011.3	1013.1	24.7		27.5		17	90			
CUCUTA/CAMILO DAZA	07 55 N	72 33 W	309	31	974.0	1012.0	27.5		24.4		6	40			
BARRANCABERMEJA/YARIGUIES	07 01 N	73 46 W	126	31			27.0		28.2		17	395			
BUCARAMANGA/PALONEGRO	07 08 N	73 11 W	1190	31			20.7		21.3		15	114			
PEREIRA	04 48 N	75 45 W	1349	31	865.5		20.9		19.6		14	226			
MEDELLIN/OLAYA HERRERA	06 13 N	75 36 W	1498	31	850.6		21.8		16.9		15	215			
BOGOTA/EL DORADO	04 42 N	74 08 W	2547	31	753.5		13.2		11.8		12	75			
IPIALES/SAN LUIS	00 50 N	77 40 W	2962	31			10.3		10.3		7	38			
CALI/PALMASECA	03 24 N	76 24 W	969	31	905.6		23.1		20.6		7	59			
GIRARDOT/SANTIAGO VILA	04 17 N	74 48 W	286	31			29.4		23.0		7	46			
VILLAVICENCIO/VANGUARDIA	04 09 N	73 34 W	431	31			24.3		24.4		23	519			
GAVIOTAS/VICHADA	04 28 N	70 44 W	183	31			24.6		26.3		21	422			
NEIVA/LA MANGUITA	02 58 N	75 18 W	439	31	955.7	1001.8	28.0		21.0		8	103			
LETICIA/VASQUEZ COBO	04 10 S	69 75 W	84	31			25.4		26.8		13	119			
ECUADOR															
SAN CRISTOBAL/GALAPAGOS	00 54 S	89 36 W	6	31	1012.3		20.3	- 1.4	20.8	+0.3	11	4	- 2	2	75
QUITO-BODEGA	00 10 S	78 29 W	2800	31	730.5		15.1	+ 0.6	12.4	+2.1	8	39	+ 11	3	115
IZOBAMBA-SANTA CATALINA	00 22 S	78 33 W	3058	31	706.6		11.8	+ 0.4	9.5	+0.3	13	55	+ 14	4	125
NUEVO ROCAFUERTE	00 55 S	75 24 W	215	31			24.5	+ 0.2	27.5	+1.0	25	356	+ 69	5	105
PORT VIEJO-GRANJA	01 02 S	80 26 W	44	31	1006.3		22.9	- 0.9	21.9	+0.1	0	0	- 1	1	80
PICHILINGUE	01 06 S	79 28 W	73	31	1003.2		22.7	- 0.6	23.7	+0.2	5	5	- 6	2	120
AMBATO-GRANJA	01 15 S	78 37 W	2680	31			13.6	+ 1.0	10.6	0.0	7	9	- 17	0	
EL PUYO	01 30 S	77 57 W	950	31			20.0	- 0.2	21.1	+1.0	22	433	+ 86	5	100
MILAGRO	02 07 S	79 36 W	13	31			22.8	- 1.3	23.3	+0.1	0	0	- 1	1	75
CANAR	02 33 S	78 56 W	3120	31			10.2	- 0.3	10.1	+0.8	9	15	- 7	2	110
LOJA/LA ARGELIA	04 02 S	79 12 W	2040	31			15.5	+ 0.6	11.5	+0.1	7	30	- 30	1	120
BOLIVIA															
COBIJA	11 04 S	68 44 W	260	30		1010.6	25.7	+ 0.7			0	0	- 40		
REYES	14 18 S	67 22 W	200	28		1013.6	27.0	+ 1.1			0	0	- 34		
RURRENABAQUE	14 28 S	67 35 W	200	31		1011.7	25.2	+ 1.2			6	131	+ 54		
TRINIDAD	14 45 S	64 48 W	236	30		1013.7	26.1	+ 0.1			3	51	+ 16		
CONCEPCION	16 15 S	62 03 W	490	31		1014.9	23.6	+ 0.6			7	83	+ 80		
SAN IGNACIO DE VELASCO	16 22 S	60 59 W	370	31		1013.0	24.6	+ 2.6			3	69	+ 44		
SANTA CRUZ	17 47 S	63 10 W	437	31		1014.0	21.2	- 1.8			6	173	+134		
ROBORE	18 20 S	59 45 W	300	31		1014.8	24.4	+ 0.3			3	104	+ 73		

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE: MEAN STATION	PRESSURE: MEAN SEA LEVEL	TEMPERATURE: MEAN	TEMPERATURE: DEPARTURE	VAPOR PRESSURE: MEAN	VAPOR PRESSURE: DEPARTURE	PRECIPITATION: NO. OF DAYS ≥ MM.	PRECIPITATION: TOTAL	PRECIPITATION: DEPARTURE	PRECIPITATION: QUINTILE	SUN-SHINE: PERCENTAGE OF LONG-TERM AVERAGE
	° '	° '	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
SOUTH AMERICA															
BOLIVIA															
POTOSI	19 35 S	65 45 W	4002	27	632.5		8.4	+ 1.4			1	6	+ 4		
CAMIRI	20 06 S	63 33 W	792			1013	18.3	- 1.7			4	31	+ 25		
VILLA-MONTES	21 16 S	63 30 W	400			1021	17.9	- 4.1			7	45	+ 1		
TARIJA	21 32 S	64 47 W	1905		814		15.7	+ 0.7			2	20	+ 18		
YACUIBA	22 01 S	63 43 W	580			1013	16.8	- 2.2			10	103	+ 97		
EL ALTO	16 30 S	68 11 W	4050	31	626.8		7.6	+ 0.6			3	14	- 2		
ORURO	17 58 S	67 07 W	3706	31	652.4		7.8	- 0.2			4	19	+ 9		
COCHABAMBA	17 23 S	66 10 W	2570	31	749.2		17.2	+ 1.2			1	1	- 6		
SUCRE	19 03 S	65 10 W	2850	31	719.7		14.2	+ 0.2			1	3	- 6		
PUERTO SUAREZ	18 57 S	57 52 W	154	31		1016.6	23.0	0.0			4	133	+109		
BRAZIL-NORTHERN															
BOA VISTA	02 49 N	60 39 W	90	31			26.8	+ 0.6	29.5	+3.3	17	263	+ 37	3	
S.GAB. DO CACHOEIRA/UAPES	00 08 S	67 05 W	87	31	1001.6	1010.7	25.0	+ 0.2	27.5	-0.4	16	233	+ 38	4	
COARI	04 05 S	63 08 W	48	31	1004.2	1009.7	25.2	- 0.8	23.0	-5.9	11	63	- 12	2	
MANAUS	03 07 S	60 01 W	60	31	1003.7	1011.6	27.1	- 0.4	28.0	-0.3	11	63	+ 22	5	
MANAUS AERO PONTA PELADA	03 09 S	59 59 W	84			U									
CRUZEIRO DO SUL	07 38 S	72 36 W	170	31	990.7	1010.3	24.1	+ 0.3	25.8	+0.8	12	51	- 34	2	
PORTO VELHO/AEROPORTO	08 46 S	63 55 W	105	31	1001.7	1009.1	24.0	- 2.2	26.7	+3.9	6	83	+ 57	6	
VILHENA /AEROPORTO/	12 44 S	60 08 W	652			U									
RIO BRANCO	09 58 S	67 48 W	136	31	995.5	1010.5	23.7		22.8		2	10			
SAO FELIX DO XINGU	06 38 S	51 59 W	150	31	990.9	1012.3	25.9		27.8		7	45			
BELEM	01 28 S	48 29 W	24	31	1011.6	1012.2	25.9	- 0.1	30.0	+2.1	18	166	+ 50	5	
BELEM/AERO VAL DE CAS	01 23 S	48 29 W	16			U									
SAO LUIZ	02 32 S	44 17 W	51	31	1006.3	1012.1	25.9		27.9		4	58		5	
FORTALEZA	03 43 S	38 33 W		31	1010.2	1013.3	25.9		26.3		7	78		6	
CEARA-MIRIM	05 39 S	35 25 W	64	31	1006.8	1014.2	25.8	+ 1.3	25.0	+1.0	6	61	- 63	2	
NATAL /AUGUSTO SEVERO/	05 55 S	35 15 W	49			U									
CONCEICAO DO ARAGUAIA	08 16 S	49 17 W	157	31			26.7	+ 1.2			2	13	+ 7	5	
CAROLINA	07 20 S	47 28 W	183	31	989.9	1013.6	28.0		19.0		1	4		4	
BARRA DO CORDA	05 30 S	45 16 W	82	31	993.6	1013.3	25.5	0.0	23.7	+2.2	6	64	+ 57	6	
FLORIANO	06 46 S	43 01 W	110		997.6	1013.0	26.6		18.9		1	14			
QUIXERAMOBIM	05 12 S	39 18 W	199		988.7	1012.5	26.5	+ 7.8	21.1	+2.4	2	4	- 5	3	
PORTO NACIONAL	10 42 S	48 25 W	238	31	985.2	1012.0	27.2	+ 1.0	19.1	+1.3	1	2	- 1	5	
BOM JESUS DA LAPA	13 16 S	43 25 W	440	31	963.7	1014.9	25.2		16.9		0	0			
PETROLINA	09 23 S	40 30 W	370	31	974.7	1014.3	25.5		17.8		0	0			
RECIFE /CURADO/	08 04 S	34 51 W	19	31	1015.1	1016.0	24.3	+ 0.2	26.3	+2.4	25	360	+214	6	
ARACAJU	10 55 S	37 03 W	6	31	1014.8	1015.5	25.3	+ 1.6	24.9	+2.6	11	45	- 59	0	
SALVADOR (OLINDA)	13 00 S	38 31 W	51	31	1010.4	1016.5	23.8	+ 0.5	24.0	+0.8	23	135	+ 38	4	
BRAZIL SOUTHERN															
CUIABA	15 36 S	56 06 W	165	31	996.7	1014.0	23.5	- 1.5	17.8	+0.1	4	20	+ 8	4	
PONTA PORA	22 32 S	55 44 W	650	31	938.7	1015.0	23.7	+ 6.2	13.7	+0.1	7	34	- 17	2	
CAMPO GRANDE	20 28 S	54 40 W	567	31	955.0	1015.0	19.8	- 1.3	14.4	-0.3	7	90	+ 62	5	
TRES LAGOAS	20 47 S	51 42 W	314	31	978.3	1014.2	20.6	- 0.5	15.3	-1.1	5	31	+ 12	4	
GOIANIA	16 41 S	49 15 W	733	31	931.0	1012.9	22.7	+ 2.1	15.2	+2.4	5	38	+ 32	5	
MONTES CLAROS	16 44 S	43 52 W		31	943.3	1015.4	21.9		15.1		1	19		6	
BRASILIA/CRUZEIRO/	15 46 S	47 56 W	1161	31	887.9	1013.3	20.1		13.2		3	93			
BRASILIA/AEROPORTO/	15 52 S	47 56 W	1061			U									
ARAXA	19 34 S	46 58 W	950	31	902.7	1015.7	19.5	+ 0.3	16.0	+3.0	5	55	+ 41	5	
BELO HORIZONTE	19 50 S	43 56 W	915	31	921.7	1016.5	19.5	+ 0.5	18.3	+4.9	5	55	+ 46	5	
CARAVELAS	17 44 S	39 15 W	4	31	1018.1	1018.6	22.4	+ 1.2	21.5	+1.1	12	104	+ 23	4	
CORUMBA	19 01 S	57 40 W	140	31	997.4	1015.1	21.1	- 2.3	19.7	+1.8	5	146	+126	6	
JUIZ DE FORA	21 46 S	43 21 W	683	31	914.1	1019.8	16.1		14.3		11	34		4	
RIO DE JANEIRO	22 54 S	43 10 W	26	31	1018.1	1018.5	21.1	0.0	19.4	+0.8	11	70	+ 27	4	
RIO DE JANEIRO/AERO GALEAO	22 49 S	43 15 W	6			U									
LONDRINA	23 23 S	51 11 W	566	31	950.8	1016.2	16.1		14.2		5	87			
SAO PAULO	23 30 S	46 37 W	795	31	927.3	1016.9	16.1	- 0.4	14.1	+0.2	7	111	+ 82	5	
SAO PAULO(AEROPORTO)	23 37 S	46 39 W	803			U									
CURITIBA	25 26 S	49 14 W	949	31	914.2	1018.4	12.2	- 1.8	12.7	+0.2	12	195	+112	5	
CURITIBA/AERO AFONSO PENA	25 31 S	49 10 W	908			U									
FLORIANOPOLIS (AEROPORTO)	27 40 S	48 33 W	5	31	1018.9	1019.1	14.4		14.8		19	262		6	
ALEGRETE	29 47 S	55 47 W	103	31	1003.2	1016.8	11.9	- 2.7	11.5	-1.0	8	183	+ 75	4	
IGUAPE	24 43 S	47 33 W	4	31	1018.2	1018.7	17.1		16.7		12	228		6	
PORTO ALEGRE	30 05 S	51 11 W	7	31	1013.8	1019.6	13.1	- 2.2	12.5	-1.2	9	97	- 17	3	
PORTO ALEGRE/AERO S.FILHO	30 00 S	51 11 W	3			U									
SANTA VITORIA DO PALMAR	33 31 S	53 22 W	6	31	1016.2	1020.7	9.9	- 2.0	10.7	-0.9	5	80	- 29	2	
CHILE															
ARICA/CHACALLUTA	18 22 S	70 21 W	35	31	1009.9	1017.4	17.4	+ 1.2	15.7	+1.3	0	0	- T	5	
ANTOFAGASTA/CERRO MORENO	23 28 S	70 26 W	122	31	1002.6	1017.0	13.7	+ 0.2	12.1	+0.3	0	0	- T	5	
ISLA DE PASCUA/MATAVERI	27 10 S	109 26 W	41	31	1014.6	1020.2	17.9	+ 0.1	16.8	-0.3	9	145	+ 55	5	
JUAN FERNANDEZ	33 37 S	78 50 W	6	31	1017.2	1020.9	11.2	- 1.0	10.2	-0.7	14	96	- 21	3	
LA SERENA	29 54 S	71 15 W	32	31	1000.6	1017.8	11.2	- 0.8	11.3	+0.1	0	0	- 16	1	
QUINTERO	32 47 S	71 32 W	2	31			10.8	+ 0.3			6	65	+ 7	4	
SANTIAGO/PUDAHUEL	33 26 S	70 50 W	480	31	963.2	1020.0	7.7	- 1.7	8.9	-0.7	5	43	- 15	3	
VALDIVIA/PICHOY	39 37 S	73 04 W	53	31	1017.0	1019.4	6.6	- 1.4	8.6	-0.8	12	79	-203	0	
PUERTO MONTT /EL TEPUAL	41 26 S	73 07 W	110	31	1009.9	1020.5	5.9	- 1.9	8.3	-1.0	13	73	-128	1	
ISLA GUAFA	43 34 S	74 44 W	140	31	1002.1	1019.0	6.8	- 0.6	9.1	+0.2	18	106	- 86	2	
PUNTA ARENAS/CARLOS IBANEZ	53 02 S	70 51 W	33	31	1003.8	1008.3	1.3	- 1.6	5.4	-0.5	8	30	- 9	2	

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
SOUTH AMERICA															
PARAGUAY															
PUERTO CASADO	22 27 S	57 52 W	87	31	1007.6	1017.8	18.6	- 4.0	14.4	-1.2	4	71	+ 43	5	
CONCEPCION /PISTA/	23 27 S	57 16 W	95	31	1007.4	1017.5	17.1	- 3.3	14.7	-0.9	4	79	+ 26	4	
PTO STROESSNER/AERO	25 16 S	57 38 W	101	31	1007.0	1018.0	16.0	- 4.4	13.3	-1.6	5	39	+ 4	3	
VILLARRICA	25 45 S	56 26 W	155	31	999.1	1018.6	15.2	- 4.0	13.5	-1.2	8	87	+ 18	4	
PILAR	26 51 S	58 19 W	55	31	1013.1	1019.9	14.9	- 3.4	12.7	-1.4	4	23	- 19	2	
ENCARNACION	27 20 S	55 50 W	80	31	1009.0	1018.6	14.1	- 3.5	12.8	-1.5	8	143	+ 59	5	
ARGENTINA-NORTHERN															
LA QUIACA OBSERVATORIO	22 06 S	65 36 W	3459	31	671.8	3117 Z	4.3	- 1.8	2.9	+0.3	0	T	- 1	4	105
JUJUY AERO	24 23 S	65 05 W	905	31	914.6	1515 Y	11.6	- 3.1	9.0		4	9			
SALTA AERO	24 51 S	65 29 W	1226	31	880.1	1509 Y	10.0	- 2.2	7.9	-0.1	2	14	+ 10	5	120
CATAMARCA AERO	28 36 S	65 46 W	456	31	952.2	1004.5	13.1	- 1.6	7.2	-0.3	1	2			
LA RIOJA AERO	29 23 S	66 49 W	430	31	965.7	1015.6	12.1	- 1.8	7.9	+0.4	0	9	- 4	3	95
SAN JUAN AERO	31 34 S	68 25 W	598	31	948.9	1019.2	9.2		5.5		0	0			95
CHEPES	31 20 S	66 36 W	658	31	941.1	1017.6	11.5	- 1.3	7.4	-0.7	0	0	- 5	3	
MENDOZA AERO	32 51 S	68 47 W	703	31	937.1	1019.1	9.3	- 0.5	6.5	-0.1	1	11	+ 8	5	
MENDOZA OBSERVATORIO	32 50 S	68 51 W	828	31	922.3	1498 Y	8.8	- 1.3	6.5	+0.4	2	17	+ 11	5	100
SAN LUIS AERO	33 16 S	66 21 W	713	31	935.0	1017.6	10.3	- 1.1	6.0	-0.5	1	28	+ 21	5	
VILLA REYNOLDS AERO	33 44 S	65 23 W	486	31	961.9	1019.6	8.3	- 1.3	7.2	0.0	1	2	- 12	2	60
CORDOBA AERO	31 19 S	64 13 W	474	31	962.6	1018.4	10.7	- 1.2	7.4	-0.3	2	12	- 3	4	100
CORDOBA	31 24 S	64 11 W	425	31	968.6	1018.8	11.9	- 1.1	7.2	-0.5	1	11	- 3	4	100
PILAR OBSERVATORIO	31 40 S	63 53 W	338	31	980.1	1020.4	10.2	- 1.6	6.9	-1.6	1	7	- 4	3	100
RIO CUARTO AERO	33 05 S	64 16 W	421	31	969.1	1019.5	9.7	- 1.1	6.7	-0.7	3	9	- 8	3	80
RIVADAVIA	24 10 S	62 54 W	205	31	991.8	1015.9	14.3	- 3.9	11.1	-0.3	3	9	+ 2	5	
LAS LOMITAS	24 42 S	60 35 W	130	31	1001.4	1016.8	15.4	- 3.0	11.1	-1.3	2	8	- 11	3	90
FORMOSA AERO	26 12 S	58 14 W	60	31	1009.5	1016.7	15.5	- 2.2	13.2	-1.4	5	18	- 41	1	70
ORAN AERO	23 09 S	64 19 W	357	31	974.6	1016.3	14.2	- 2.1	12.4	+0.2	4	15	+ 8	5	80
SANTIAGO DEL ESTERO AERO	27 46 S	64 18 W	199	31	993.1	1016.7	12.5	- 2.4	7.6	+0.4	0	T	- 4	3	90
PRES. ROQUE SAENZ PENA	26 49 S	60 27 W	92	31	1007.0	1017.9	14.0	- 2.9	11.4	-1.0	1	18	- 7	3	50
RESISTENCIA AERO	27 27 S	59 03 W	52	31	1011.4	1017.6	13.5	- 2.7	11.7	-1.5	2	11	- 35	1	105
CORRIENTES AERO	27 27 S	58 46 W	62	31	1010.3	1017.8	14.1	- 2.3	12.2		1	14	- 35	1	
POSADAS AERO	27 22 S	55 58 W	133	31	1002.1	1017.8	14.7	- 2.4	12.7	-2.1	9	120	+ 17	4	65
RECONQUISTA AERO	29 11 S	59 40 W	49	31	1012.5	1018.8	12.7	- 2.2	11.6	-1.4	1	5	- 33	3	95
CERES	29 53 S	61 57 W	88	31	1007.9	1018.6	11.4	- 2.3	9.2	-1.2	1	3	- 21	2	95
PASO DE LOS LIBRES	29 41 S	57 09 W	70	31	1010.3	1018.7	13.1	- 1.6	12.2	-1.0	4	18	- 61	1	120
PARANA AERO	31 47 S	60 29 W	62	31	1010.9	1020.3	10.9	- 1.6	9.0	-2.2	3	26	- 13	3	105
CONCORDIA AERO	31 18 S	58 01 W	38	31	1015.1	1019.6	11.9	- 1.5	10.3	-1.6	2	14	- 58	1	
ROSARIO AERO	32 55 S	60 47 W	27	31	1017.0	1020.0	9.7	- 1.5	8.6	-1.7	2	17	- 22	2	115
GUALEGUAYCHU AERO	33 00 S	58 37 W	24	31	1017.5	1020.4	10.3	- 1.5	9.2	-2.2	1	10	- 54	1	
ARGENTINA-SOUTHERN															
BARILOCHE AERO	41 09 S	71 10 W	836	31	920.9	1484 Y	2.7	- 0.1	5.6	-0.5	6	16	-109	1	85
MAQUINCHAO	41 15 S	68 44 W	888	31	916.6	1492 Y	1.6	- 1.8	4.7	-0.5	4	22	+ 8	4	
ESQUEL AERO	42 56 S	71 09 W	785	31	925.8	1018.7	2.7	- 0.3	5.4	+0.1	4	26	- 36	1	
SAN RAFAEL AERO	34 35 S	68 24 W	747	31	929.3	1016.6	7.5	- 1.6	6.5	+0.1	1	8	- 3	4	
LABOULAYE	34 08 S	63 24 W	138	31	1003.9	1020.7	9.1	- 1.3	7.4	-0.8	1	3	- 19	2	110
JUNIN AERO	34 33 S	60 57 W	81	31	1010.7	1020.6	8.5	- 1.1	8.0	-1.6	4	22	-162		
PUNTA INDIO B.A.	35 22 S	57 17 W	22	31	1018.3	1021.1	9.3		8.7	+1.8	6	45			
PEHUAJO AERO	35 51 S	61 52 W	87	31	1009.8	1020.3	8.4	- 1.1	8.8	0.0	3	9	- 19	2	
SANTA ROSA AERO	36 34 S	64 16 W	189	31	997.3	1020.6	7.8	- 1.4	7.6	+0.1	3	26	+ 9	4	95
NEUQUEN AERO	38 57 S	68 08 W	270	31	986.9	1019.9	7.3	- 0.5	6.6		2	4	- 82		
AZUL AERO	36 44 S	59 50 W	132	31	1004.5	1020.6	6.9	- 1.2	8.8	0.0	5	45	+ 3	3	110
EZEIZA AERO	34 49 S	58 32 W	20	31	1017.9	1020.4	9.2	- 1.4	8.4	-1.8	3	15	- 52	1	
AERO PARQUE	34 34 S	58 25 W	69	31	1019.9	1020.7	10.9	- 1.0	9.2	-1.4	3	10		1	
BUENOS AIRES/OBS. CENTRAL	34 35 S	58 29 W	25	31	1017.8	1020.7	10.8	- 1.2	9.1	-1.5	4	26	- 48	1	
DOLORES AERO	36 21 S	57 44 W	9	31	1019.2	1020.3	8.4	- 1.0	8.9	-0.9	3	34	- 29	1	95
MAR DEL PLATA AERO	37 56 S	57 35 W	24	31	1017.4	1020.0	8.0	- 0.7	8.9	-0.4	4	41	- 27	2	
TRES ARROYOS AERO	38 20 S	60 15 W	115	31	1005.9	1020.0	7.1	- 1.4	7.6	-0.5	3	28	- 10	3	
PIGUE AERO	37 37 S	62 25 W	298	31	983.3	1020.0	6.7	- 0.9	7.1	-0.2	4	19	- 1	4	75
COMANDANTE ESPORA B.N.	38 44 S	62 10 W	74			U									
BAHIA BLANCA AERO	38 44 S	62 11 W	72	31	1008.9	1019.1	7.3	- 1.6	8.4	-1.0	3	24	+ 4	4	
VIEDMA AERO	40 51 S	63 01 W	8	31	1017.2	1018.2	7.3		7.3		4	12			
TRELEW AERO	43 14 S	65 19 W	39	31	1013.3	1018.6	6.6	- 1.4	6.6	+1.0	4	7	- 6	2	90
PASO DE INDIOS	43 49 S	68 53 W	0	31	959.8	1015.4	3.5		5.6		4	12			
COMODORO RIVADAVIA AERO	45 47 S	67 30 W	61	31	1009.9	1015.6	6.8	- 1.0	6.4	+0.8	2	4	- 17	1	85
PUERTO DESEADO AERO	47 44 S	65 55 W	79	27	1005.8	1015.5	4.4	- 0.7	5.9	-0.3	2	3	- 14	1	
GOBERNADOR GREGORES AERO	48 47 S	70 10 W	358	27	969.4	1013.0	3.0	- 0.5	4.9		2	11	0	3	
SAN JULIAN AERO	49 18 S	67 43 W	26	31	1005.5	1013.1	4.1	- 0.7	5.4		1	3	- 18	1	
L[illegible]O ARGENTINO AERO	50 20 S	72 18 W	220	31	985.7	1012.9	1.7	- 1.1	5.1	0.0	5	11	- 12	2	
SANTA CRUZ AERO	50 01 S	68 34 W	111	31	998.2	1011.9	2.7	- 0.6	5.5		0	8			
RIO GALLEGOS AERO	51 37 S	69 17 W	17	31	1008.1	1010.5	1.9	- 0.8	5.6	-0.2	3	7	- 6	2	120
RIO GALLEGOS E.N.	51 38 S	69 13 W	27			U									
URUGUAY															
SALTO	31 23 S	57 58 W	46	31	1015.5	1019.7	11.6	- 2.1	12.9	+2.4	2	11	- 48	1	
MELO	32 25 S	54 20 W	93	31	1007.2	1019.6	10.4	- 2.5	10.3	-1.8	4	18	- 86	1	
PASO DE LOS TOROS	32 46 S	56 32 W	79	31	1010.2	1019.5	10.1	- 2.7	9.4	-2.6	4	30	- 65	2	
MERCEDES	33 15 S	58 04 W	22	31	1018.1	1020.3	10.9	- 2.0	9.1	-2.1	2	11	- 65	1	
TREINTA Y TRES	33 11 S	54 21 W	44	31	1014.3	1020.0	9.5	- 2.9	9.2	-1.7	7	42	- 61	2	
COLONIA	34 28 S	57 51 W	20	31	1017.2	1020.1	10.4	- 2.2	8.8	-2.4	2	8	- 78	1	
MONTEVIDEO/PRADO	34 52 S	56 12 W	22	31	1018.2	1020.3	10.0	- 1.1	8.9	-1.6	3	36	- 49	2	
PUNTA DEL ESTE	34 58 S	54 57 W	16	31	1018.6	1020.5	9.8	- 1.7	9.9	-1.2	5	44	- 38	2	

SURFACE DATA

AUGUST 1984

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE: MEAN STATION	PRESSURE: MEAN SEA LEVEL	TEMPERATURE: MEAN	TEMPERATURE: DEPARTURE	VAPOR PRESSURE: MEAN	VAPOR PRESSURE: DEPARTURE	PRECIPITATION: NO. OF DAYS ≥ MM.	PRECIPITATION: TOTAL	PRECIPITATION: DEPARTURE	PRECIPITATION: QUINTILE	SUNSHINE: PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
SOUTH AMERICA															
URUGUAY															
ROFHA	34 30 S	54 20 W	22	31	1018.2	1020.5	9.0	- 2.4	8.8	-3.1	4	54	- 32	3	
ANTARCTICA															
BELLINGSHAUSEN	62 12 S	58 56 W	16		989.4	991.4	- 3.5		4.4		19	55			
RUSSKAYA	74 42 S	136 51 E	100		959.8	976.5	-25.6		0.8		10	170			
CENT.MET.ANT.PDTE.ED.FREI	62 25 S	58 53 W	10	31	991.8	993.0	- 3.8		3.9		15	85			
B.A. ARTURO PRAT	62 30 S	59 41 W	5	31	990.9	991.5	- 4.0		4.0		21	124			
B.A. BERNARDO O'HIGGINS	63 19 S	57 54 W	10	31	988.8	999.8	- 5.0		3.5		14	32			
B. A. VICECOMODORO MARAMBIO	64 14 S	56 43 W	198	31	962.5	987.4	- 9.9				1	2			
S.A.N.A.E. STATION	70 19 S	02 21 W	52	31	986.3	993.5	-31.4		0.2						
NOVOLAZAREVSKAJA	70 46 S	11 50 E	87		977.1	993.5	-22.2		5.0		0	0			
SYOWA	69 00 S	39 35 E	15		897.7	990.5	-19.4								
MOLODEZNAJA	67 40 S	45 51 E	40		984.7	989.5	-19.2		1.0		7	16			
MAWSON	67 36 S	62 53 E	16		981.5	983.2	-15.7	+ 3.1	1.0						
DAVIS	68 35 S	77 59 E	15		986.6	988.3	-16.3	+ 1.2	1.0		1	2			
MIRNYJ	66 33 S	93 01 E	30		978.4	985.4	-13.4		1.7		13	100			
CASEY	66 16 S	110 38 E	11		983.2	985.2	-10.7	+ 4.8	1.9		6	24			
DUMONT D'URVILLE	66 40 S	140 01 E	43		990.7	996.0	-14.6		1.3						
LENINGRADSKAJA	69 30 S	159 23 E	300		953.5	991.5	-20.2		0.9		8	28			
MCMURDO	77 53 S	166 38 E	33		986.3	990.8	-25.3				1	4			
VOSTOK	78 27 S	106 52 E	3420		625.3	1006.8	-68.2				0	T			
EUROPE															
GREENLAND															
NORD	81 36 N	16 40 W	36	31	1001.9	1006.4	1.6	+ 0.2	5.7		6	19	- 7		
DANMARKSHAVN	76 46 N	18 46 W	12	31	1005.3	1006.8	1.4	- 0.9	5.3		8	39	+ 30		
DANMARKSHAVN	76 46 N	18 46 W	14			U									
KAP TOBIN	70 25 N	21 58 W	22			U									
SCORESBYSUND	70 29 N	21 58 W	68	31	998.6	1007.0	4.3	+ 1.6	6.7		7	59	+ 24		
EGEDESMINDE	68 42 N	52 45 W	47	31	998.1	1004.0	4.1	- 2.0	7.0		10	75	+ 43		
EGEDESMINDE	68 42 N	52 45 W	27			U									
GODTHAB	64 10 N	51 45 W	50	31	1000.0	1003.4	4.5	- 2.6	7.7		15	244	+166		
ANGMAGSSALIK	65 36 N	37 38 W	50	31	1001.2	1005.6	5.7	- 0.9	7.5		15	76	+ 38		
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	997.0	1006.4	5.5	- 1.9	7.4						
UNITED KINGDOM															
LERWICK	60 08 N	01 11 W	82	31	1007.5	1017.4	12.7	+ 0.6	12.7	-0.3	8	34	- 46	1	153
STORNOWAY	58 13 N	06 19 W	13	31	1015.6	1017.3	14.2	+ 0.9	13.7	+0.1	6	32	- 56	1	121
TIREE	56 30 N	06 53 W	9	31	1016.7	1017.8	14.9	+ 1.1	14.1	+0.4	11	57	- 33	1	112
ABERDEEN/DYCE	57 12 N	02 12 W	59	31	1010.3	1018.0	14.7	+ 1.1	13.3	+0.2	6	16	- 57	1	110
EDINBURGH/TURNHOUSE AP	55 57 N	03 21 W	35	31	1014.1	1018.3	15.5	+ 1.4	13.6	+0.2	6	22	- 60		122
ESKDALEMUIR	55 19 N	03 12 W	242	31	990.1	1018.4	14.5	+ 1.6	13.1	+0.1	6	42	- 78	1	135
LEEMING	54 18 N	01 32 W	32	31	1014.7	1018.5	16.7		14.4		7	34			
BELFAST/ALDERGROVE AP	54 39 N	06 13 W	68	31	1009.9	1018.0	16.0	+ 1.4	14.1	0.0	10	49	- 28	2	118
VALLEY	53 15 N	04 32 W	10	31	1016.7	1018.0	17.5	+ 2.0	15.5	+0.6	8	69	+ 3	3	135
AUGHTON	53 33 N	02 55 W	56			U									
MANCHESTER AIRPORT	53 21 N	02 16 W	75	31	1009.2	1018.2	18.0	+ 2.4	14.2	-0.2	7	43	- 38	2	139
BIRMINGHAM AP	52 27 N	01 44 W	97	31	1006.4	1018.0	17.5	+ 2.1	14.1	+0.1	7	55	- 24		130
WADDINGTON	53 10 N	00 31 W	68	31	1009.8	1018.2	17.3	+ 1.2	14.8	+0.2	7	90	+ 32	5	132
LONDON/GATWICK AIRPORT	51 09 N	00 11 W	60	31	1011.4	1018.4	17.9		15.0		7	21			
CRAWLEY	51 05 N	00 13 W	144			U									
CARDIFF-WALES AP	51 24 N	03 21 W	67	31	1010.5	1018.2	17.9				7	45			
BOURNEMOUTH/HURN AP	50 47 N	01 50 W	11	31	1017.0	1018.3	17.4		15.1		3	15			
PLYMOUTH/MOUNT BATTEN	50 21 N	04 07 W	27	31	1015.3	1018.5	17.4	+ 1.2	16.1	+0.5	6	53	- 27	2	97
IRELAND															
MALIN HEAD	55 22 N	07 20 W	25	31	1014.7	1017.7	15.3	+ 1.1	14.6	+1.0	10	67	- 15		93
BELMULLET	54 14 N	10 00 W	10	31	1016.3	1017.5	16.1	+ 1.4	15.4		14	52	- 37		81
DUBLIN AIRPORT	53 26 N	06 15 W	81	31	1007.7	1017.8	16.9	+ 1.9	15.2	+1.7	11	97	+ 25		104
SHANNON AIRPORT	52 41 N	08 55 W	7	31	1015.3	1017.7	17.6	+ 2.0	15.5	+1.3	11	65	- 12		82
CORK AIRPORT	51 51 N	08 30 W	162	31	998.7	1018.0	16.4	+ 1.6	15.4		9	59	- 25		
VALENTIA OBSERVATORY	51 56 N	10 15 W	14	31	1016.4	1018.0	16.0	+ 0.6	15.9	+1.4	12	116	+ 21	4	88
DENMARK AND FAROE IS															
THORSHAVN	62 01 N	06 46 W	24	31	1012.5	1015.4	11.6	+ 0.5	11.7		17	78	- 18	2	93
THORSHAVN	62 01 N	06 46 W	55			U									
ALBORG	57 06 N	09 52 E	3	31	1016.0	1016.4	16.3	+ 0.3	13.8		6	65	- 7	3	
KOBENHAVN/JAEGERSBORG	55 46 N	12 32 E	40			U									
KOBENHAVN/LANDBOHOJSKOLEN	55 41 N	12 33 E	5	31	1015.7	1016.3	18.1	+ 0.8	16.3		9	36	- 30	2	92
RONNE	55 04 N	14 45 E	16	31	1015.6	1017.5	17.6	+ 0.7	15.3		1	4	- 56	0	
NORWAY															
BJORNOYA	74 31 N	19 01 E	14	31	1009.8	1011.8	4.9	- 0.1	7.7		2	7	- 34	1	
BJORNOYA	74 31 N	19 01 E	18			U									
JAN MAYEN	70 56 N	08 40 W	9	31	1008.0	1009.2	5.1	- 0.4	7.5		10	54	- 13	3	
VARDO	70 22 N	31 06 E	15	31	1009.7	1011.5	8.9	- 0.8	10.0	-0.5	10	38	- 14	2	
SVALBARD LUFTHAVN	78 15 N	15 28 E	29	31	1007.2	1010.8	5.1		6.8		6	19			
TROMSO/LANGNES	69 41 N	18 55 E	10	31	1011.0	1012.1	10.2	- 0.9	9.6	-1.3	18	133	+ 62		87
BODO	67 17 N	14 25 E	13	31	1011.4	1012.9	11.4	- 1.3	11.1	-1.0	20	138	+ 41	5	64
BODO	67 15 N	14 24 E	8			U									

SURFACE DATA

AUGUST 1984

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE: MEAN STATION	PRESSURE: MEAN SEA LEVEL	TEMPERATURE: MEAN	TEMPERATURE: DEPARTURE	VAPOR PRESSURE: MEAN	VAPOR PRESSURE: DEPARTURE	PRECIPITATION: NO. OF DAYS 1 MM.	PRECIPITATION: TOTAL	PRECIPITATION: DEPARTURE	PRECIPITATION: QUINTILE	SUN-SHINE: PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
NORWAY															
ORLAND	63 42 N	09 37 E	7	31	1014.1	1015.2	12.4	- 1.0	12.4	+0.1	18	106	+ 38	5	
ORLAND	63 42 N	09 24 E	10			U									
BERGEN/FREDRIKSBERG	60 24 N	05 19 E	44	31	1011.2	1016.4	14.5	- 0.2	14.1	+0.4	9	135	- 32	2	93
STAVANGER/SOLA	58 53 N	05 38 E	8	31	1015.9	1017.0	14.9	+ 0.2	13.9	+0.4	8	45	- 63	1	
STAVANGER/SOLA	58 52 N	05 40 E	33			U									
OSLO/BLINDERN	59 56 N	10 44 E	96	31	1003.2	1014.5	16.1	+ 0.2	12.8	-0.6	11	95	- 1	3	103
OSLO/GARDERMOEN	60 12 N	11 05 E	203	31	990.3	1014.2	15.1	+ 0.5	12.0	-0.4	11	41	- 64	1	
OSLO/GARDERMOEN	60 12 N	11 06 E	201			U									
SWEDEN															
KARESUANDO	68 27 N	22 30 E	327	31	974.0	1013.0	9.7	- 1.5	9.5	-1.3	10	29	- 28	2	81
HAPARANDA	65 50 N	24 09 E	7	31	1012.1	1012.9	12.8	- 1.2	12.1	-0.8	7	54	- 17	2	91
STENSELE	65 04 N	17 10 E	327	31	980.1	1013.5	11.5	- 0.7	9.7	-1.6	13	77	+ 10	3	
OSTERSUND/FROSON	63 11 N	14 30 E	366	31	972.1	1015.3	12.5	- 0.5	11.1		8	31	- 36	1	57
HARNOSAND	62 38 N	17 57 E	8	31	1013.4	1014.6	15.0	0.0	13.0	-0.3	3	15	- 63	1	
SUNDSVALL-HARNOSAND	62 32 N	17 27 E	6			U									
STOCKHOLM/BROMMA	59 21 N	17 57 E	22			U									
KARLSTAD	59 22 N	13 28 E	55	31	1009.9	1015.4	16.1	+ 0.2	13.9	-0.1	3	15	- 63	1	95
JONKOPINGS AIRPORT	57 46 N	14 05 E	232	31	989.7	1016.3	15.3	+ 0.7	14.3		7	46	- 37	1	
GOTEBORG/SAVE	57 47 N	11 53 E	53	31	1010.0	1016.3	16.5	+ 0.2	15.4	+0.8	9	51	- 30	2	84
GOTEBORG/LANDVETTER	57 40 N	12 18 E	155			U									
VISBY	57 40 N	18 21 E	47	31	1010.3	1016.4	16.8	+ 0.2	14.0	-1.2	7	60	+ 4	4	86
FINLAND															
SODANKYLA	67 22 N	26 39 E	180	31	990.8	1012.3	10.5	- 1.5	9.3	-1.9	6	44	- 27	2	104
KAJAANI	64 17 N	27 41 E	136	31	996.2	1012.4	12.6	- 1.4	11.0	-1.7	10	58	- 14	3	114
JYVASKYLA/LUONETJARVI	62 24 N	25 40 E	145	31	995.5	1012.7	13.2	- 0.9	11.7	-1.5	5	30	- 55	1	110
VAASA	63 03 N	21 46 E	8	31	1012.1	1013.1	14.2	- 0.4	12.1	-1.4	11	32	- 29	2	104
JOKIOINEN	60 49 N	23 29 E	103	31	1001.7	1014.0	13.8	- 0.9	12.6	-0.9	8	69	- 5	3	107
TURKU	60 31 N	22 16 E	54	31	1007.3	1014.3	15.4	- 0.3	12.9	-0.7	7	46	- 31	2	106
HELSINKI/SEUTULA	60 19 N	24 58 E	58	31	1007.0	1013.7	14.9	- 0.7	13.2	-0.5	5	38	- 33	2	103
FRANCE															
CHERBOURG-MAUPERTUS	49 39 N	01 28 W	138	31	1002.1	1018.5	16.6		14.4		4	24			
BREST/GUIPAVAS	48 27 N	04 25 W	103	31	1006.3	1018.6	17.0	+ 1.0	16.0	+0.8	7	84	+ 4	3	103
NANTES	47 10 N	01 37 W	27	31	1015.2	1018.5	19.5	+ 0.9	14.6	-1.3	9	81	+ 18	4	114
TRAPPES	48 46 N	02 01 E	168	31	998.4	1018.2	17.8	+ 0.4	15.5	+0.1	6	35	- 28	2	103
PARIS/LE BOURGE	48 58 N	02 27 E	65	31	1010.8	1018.5	18.4	- 0.1	16.0	+0.7	5	29	- 33	1	101
NANCY/ESSEY	48 41 N	06 13 E	217	31	992.6	1018.0	18.0	+ 0.3	15.8	+0.7	8	39	- 28	1	98
STRASBOURG/ENTZHEIM	48 33 N	07 38 E	154	31	999.8	1017.9	18.6	+ 0.3	15.9	+0.1	10	75	- 5	3	102
DIJON	47 16 N	05 05 E	227	31	991.0	1017.5	18.8	- 0.2	14.7	-0.5	6	34	- 43	1	89
BOURGES	47 04 N	02 22 E	166	31	998.7	1018.2	18.2	- 0.8	15.2	+0.2	9	66	+ 3	3	111
LIMOGES/BELLEGARDE	45 52 N	01 11 E	396	31	972.0	1018.5	17.8	0.0	14.1	-0.7	10	133	+ 59	5	105
LYON/BRON	45 43 N	04 57 E	201	31	993.8	1017.2	20.0	- 0.1	15.6	-0.1	7	55	- 34	2	93
LYON/SATOLAS	45 44 N	05 05 E	240			U									
BORDEAUX/MERIGNAC	44 50 N	00 42 W	51	31	1011.3	1018.5	19.7	+ 0.2	16.3	-0.1	7	59	- 11	3	108
TOULOUSE/BLAGNAC	43 38 N	01 22 E	153	31	1000.5	1018.4	19.8	- 0.9	16.8	+0.3	7	45	- 9	2	93
PERPIGNAN	42 44 N	02 52 E	48	31	1011.2	1016.8	22.5	- 0.8	16.2	-1.1	4	28	- 3	3	89
NIMES/COURBESSAC	43 52 N	04 24 E	62	31	1009.3	1016.6	22.3	- 0.6	15.8	-0.2	3	82	+ 40	5	95
MARSEILLE/MARIGNANE	43 27 N	05 13 E	8	31	1012.1	1016.4	22.1	- 0.7	16.7	-0.5	4	45	+ 11	4	93
NICE/COTE DAZUR	43 39 N	07 12 E	10	31	1014.5	1015.7	22.2	- 0.3	19.2		5	32		2	119
AJACCIO/CAMPO DEL ORO	41 55 N	08 48 E	9	31	1014.8	1015.4	21.5	- 0.7	19.8	+0.4	3	45	+ 29	5	85
BELGIUM															
UCCLE	50 48 N	04 21 E	104	31	1005.8	1017.7	18.5		15.6		7	312		1	100
NETHERLANDS															
DE BILT	52 06 N	05 11 E	4	31	1017.5	1018.0	18.1	+ 1.3	15.7	+0.6	3	7	- 2	0	111
LUXEMBOURG															
LUXEMBOURG AP	49 37 N	06 13 E	378	31	974.0	1018.5	17.4	+ 1.4	13.9	+0.3	12	44	- 32	1	90
SWITZERLAND															
SANTIS	47 15 N	09 21 E	2500	31	755.4	3119 Z	5.2	- 0.3	7.5	+0.3	11	210	- 68	2	97
ZURICH/TOWN/VILLE/	47 23 N	08 34 E	569	31	952.4	1017.7	17.1	+ 0.1	13.5	-1.6	6	78	- 53	2	88
GENEVE/COINTRIN	46 15 N	06 07 E	430	31	968.9	1016.9	18.4	+ 0.3	13.3	-1.6	7	26	- 69	1	88
PAYERNE/ STN. AEROLOGICAL	46 49 N	06 57 E	491			U									
LUGANO	46 00 N	08 58 E	276	31	984.1	1016.0	20.0	- 0.5	16.5	+0.3	14	251	+ 55	4	87
FEDERAL REP OF GERMANY															
MUNCHEN/OBERSCHLEISSHEIM	48 15 N	11 33 E				U									
GERMAN DEMOCRATIC REP															
GREIFSWALD	54 06 N	13 23 E	5			U									
LINDENBERG	52 13 N	14 07 E	100			U									
WAHNSDORF	51 07 N	13 41 E	232			U									
MEININGEN	50 33 N	10 22 E	456			U									
AUSTRIA															
ST. POLTEN	48 12 N	15 38 E	282	31	982.1	1016.7	17.7	- 0.3	14.4	-0.9	11	123	+ 31	5	108
WIEN/HOHE-WARTE	48 15 N	16 22 E	212	31	991.2	1016.6	18.8	- 0.5	14.2	-1.1	8	45	- 27	2	105
SALZBURG-FLUGHAFEN	47 48 N	13 00 E	450	31	963.7	1016.9	17.2	+ 0.1	13.8	-1.3	11	133	- 30	2	86

SURFACE DATA

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE: MEAN STATION	PRESSURE: MEAN SEA LEVEL	TEMPERATURE: MEAN	TEMPERATURE: DEPARTURE	VAPOR PRESSURE: MEAN	VAPOR PRESSURE: DEPARTURE	PRECIPITATION: NO. OF DAYS 1 MM.	PRECIPITATION: TOTAL	PRECIPITATION: DEPARTURE	PRECIPITATION: QUINTILE	SUN-SHINE: PERCENTAGE OF LONG-TERM AVERAGE
	° '	° '	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
AUSTRIA															
INNSBRUCK-FLUGHAFEN	47 16 N	11 21 E	598	31	945.2	1016.4	16.9	- 0.5	14.0	-0.5	11	T	+ 32	2	89
KLAGENFURT-FLUGHAFEN	46 39 N	14 21 E	452	31	961.0	1016.4	16.8	- 0.9	12.4	-3.9	9	90	- 12	2	92
GRAZ-THALERHOF-FLUGHAFEN	47 00 N	15 27 E	347	31	974.5	1016.8	17.5	- 0.5	15.3	-0.4	11	93	+ 2	4	89
SONNBLICK	47 03 N	12 57 E	3107	31	699.0	3158 Z	1.2	- 0.2	6.0	-0.3	14	135	- 16	2	92
CZECHOSLOVAKIA															
CHEB	50 05 N	12 24 E	471	31	962.8	1017.6	16.1	+ 0.3	14.0	+0.5	8	98	+ 34	5	83
PRAHA/RUZYNE	50 06 N	14 17 E	381	31	974.4	1017.5	16.8	- 0.6	13.4	-0.5	7	44	- 22	1	93
LIBUS	50 00 N	14 27 E	305	31	981.8	1017.3	17.8		14.0		5	66			
BRNO/TURANY	49 09 N	16 42 E	246	31	988.2	1017.1	18.1	- 0.4	13.3	-0.8	7	34	- 33	2	92
OSTRAVA/MOSNOV	49 47 N	18 62 E	256	31	987.0	1017.2	17.2	- 0.2	14.6	+0.2	8	105	+ 13	4	97
SLIAC	48 38 N	19 09 E	318	31	979.8	1017.1	17.6	- 0.2	13.3	-0.8	4	45	- 21	2	93
POPRAD/TATRY	49 04 N	20 15 E	709	31	936.2		14.5	- 0.6	12.5	-0.2	9	54	- 24	2	90
POPRAD/GANOVCE	49 02 N	20 19 E	706			U									
HUNGARY															
MISKOLC	48 08 N	20 48 E	120	31	1002.1	1016.5	18.7	- 1.2	15.2	-1.3	8	90	+ 24	4	
BUDAPEST/METEOROLOGIA	47 31 N	19 02 E	130	31	1001.2	1016.3	20.6	- 0.6	14.6	-0.7	7	58	+ 7	4	94
BUDAPEST/LORINC	47 26 N	19 11 E	140	31	999.7	1016.2	20.0	- 0.7	14.7	-0.7	8	33	- 17	3	96
DEBRECEN	47 29 N	21 38 E	114	31	1002.6	1016.2	19.4	- 1.4	15.4	-1.1	6	64	+ 3	3	102
PECS	46 00 N	18 14 E	202	31	992.7	1016.4	19.3	- 1.3	15.8	-0.1	5	59	+ 3	4	98
SZEGED	46 15 N	20 06 E	84	31	1006.5	1016.2	19.7	- 1.4	15.3	-0.8	6	66	+ 21	4	88
POLAND															
SZCZECIN-DABIE	53 24 N	14 37 E	7	31	1016.8	1017.2	18.2	+ 1.1	15.7	+0.1	5	26	- 31		
KOSZALIN	54 12 N	16 11 E	34			U									
GDANSK-SWIBNO	54 20 N	18 56 E	9	31	1016.1	1017.1	17.8	+ 0.5	15.9	+0.6	3	19	- 51		
POZNAN-LAWICA	52 25 N	16 50 E	92	31	1007.0	1017.0	18.1	+ 0.5	14.5	-0.4	5	27	- 28		135
LEGIONOWO	52 24 N	20 58 E	104			U									
WARSZAWA-OKECIE	52 09 N	20 59 E	107	31	1004.7	1017.4	18.0	+ 0.2	14.7	-0.4	2	32	- 15		140
BIALYSTOK	53 06 N	23 10 E	151	31	999.1	1017.1	16.8	- 0.2	13.9	-1.4	2	12	- 57		130
WROCLAW II-STRACHOWICE	51 06 N	16 53 E	124	31	1003.0	1017.4	17.7	+ 0.2	15.9	-0.2	6	43	- 14		129
WROCLAW I-MALY GADOW	51 08 N	16 59 E	119			U									
KRAKOW/BALICE	50 05 N	19 48 E	237	31	989.3	1017.3	17.3	- 0.2	14.5	-1.1	3	24	- 54		107
PRZEMYSL	49 48 N	22 46 E	280	31	984.6	1017.6	17.2	- 0.6	14.1	-1.6	4	60	- 14		
GIBRALTAR															
NORTH FRONT	36 09 N	05 21 W	3	31	1016.2	1016.6	24.3	+ 0.2	21.8	+1.1	1	2	- 1	4	90
PORTUGAL															
LAJES /ACORES/	38 45 N	27 05 W	54			U									
HORTA/ACORES	38 51 N	28 38	62	31	1017.0	1024.3	22.5	- 0.3	21.1	-0.4	5	15	- 29	1	111
PONTA DELGADA/ACORES	37 45 N	25 40 W	36	31	1020.0	1024.3	21.9	- 0.1	20.0	-0.6	5	31	+ 2	5	109
SANTA MARIA /ACORES/	36 58 N	25 10 W	100	31	1012.4	1024.2	21.5	- 0.5	19.5	-0.9	8	31	- 8		
PORTO/SERRA DO PILAR	41 08 N	08 36 W	100	31	1005.9	1017.7	20.4	+ 0.6	16.0	-0.6	3	31	+ 5	4	95
LISBOA	38 43 N	09 09 W	95	31	1006.6	1017.7	22.9	+ 0.4	15.1	-1.5	2	3	- 1	4	98
LISBOA/GAGO CONTINHO	38 46 N	09 08 W	104			U									
CAPE VERDE															
SAL	16 44 N	22 57 W	55			U									
MADEIRA															
FUNCHAL	38 38 N	16 54 W	56	31	1012.7	1019.3	21.4	- 0.5	19.1	-0.1	1	6	+ 4	5	
SPAIN															
LA CORUNA	43 22 N	08 25 W	67	31	1011.4	1019.4	18.7	- 0.2	16.3	-1.0	4	19	- 28	2	105
VALLADOLID	41 39 N	04 43 W	715	31	938.2	1015.9	20.0	- 0.9	10.8	-1.2	1	10	- 4	2	95
ZARAGOZA	41 39 N	00 53 W	233	31	990.5	1016.1	22.9	- 0.8	15.3	+0.1	0	0	- 19	1	
MADRID/BARAJAS	40 28 N	03 34 W	606			U									
MADRID/RETIRO	40 24 N	03 41 W	657	31	942.3	1016.8	22.5	- 1.2	11.6	-1.3	1	7	- 7	3	90
BADAJOZ	38 53 N	06 58 W	195	31	993.6	1015.7	25.8	+ 0.3	15.4	+1.4	1	2	- 2	4	100
SEVILLA/TABLADA	37 22 N	06 00 W	13	31	1014.3	1016.0	27.0	+ 0.7	18.4	-1.2	0	0	- 5	4	100
ALICANTE	38 22 N	00 30 W	82	31	1007.7	1017.1	23.7	- 2.1	19.5	-3.2	1	7	- 5	3	80
BARCELONA	41 24 N	02 09 E	95	31	996.2	1016.6	22.6	- 1.7	18.3	-4.2	6	74	+ 27	4	
PALMA DE MALLORCA	39 34 N	02 39 E	17	31	1016.9	1017.6	23.9	- 0.6	20.5	-3.0	3	26	0	4	90
PALMA/SON BONET	39 36 N	02 42 E	45			U									
MAHON, MENORCA/SAN LUIS	39 52 N	04 16 E	59	31	1007.8	1017.4	23.1	- 1.3	19.7	-1.8	6	31	+ 9	4	100
ITALY															
UDINE/CAMPOFORMIDO	46 02 N	13 11 E	94			U									
MILANO/LINATE	45 26 N	09 17 E	103	31	1003	1016	21.4	- 0.9	19.6	0.0	10	105	+ 34	4	90
VERONA/VILLAFRANCA	45 23 N	10 52 E	68	31	1008	1016	21.8	- 0.5	19.3	-0.1	9	389	+350	6	
UDINE RIVOLTO	45 59 N	13 02 E	53	31	1010	1016	20.9		18.5		10	142			
PISA/S. GIUSTO	43 40 N	10 23 E	1	31	1015	1016	21.2	- 2.1	18.0	-2.3	6	138	+105	5	82
ROMA/FIUMICINO	41 48 N	12 14 E	3	31	1015	1015	22.9	- 1.3	19.7	-0.5	4	119	+101	6	
NAPOLI/CAPODICHINO	40 51 N	14 18 E	72	31	1007	1016	22.9	- 0.9	21.8	+1.4	4	39	+ 12	4	83
TRIESTE	45 39 N	13 45 E	20	31	1013	1015	22.6	- 1.4	18.1	-0.6	8	136	+ 58	5	82
VENEZIA/TESSERA	45 30 N	12 20 E	6	31	1015	1016	21.9	- 0.7	18.9	-0.5	5	70	+ 3	4	73
FALCONARA	43 37 N	13 22 E	10	31	1014	1016	21.4		19.0		9	79			
PESCARA	42 26 N	14 12 E	16	31	1013	1015	21.8	- 1.2	20.1	-1.1	6	46	+ 11	5	80
MARINA DI GINOSA	40 26 N	16 53 E	12	31	1013	1015	24.0	- 2.1	23.3	+2.7	4	60	+ 46	6	
BRINDISI	40 39 N	17 57 E	10	31	1013	1015	23.9	- 0.5	22.8	+0.5	5	38	+ 14	5	82

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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															
ITALY															
ALGHERO	40 38 N	08 17 E	40	31	1014	1017	22.3	- 1.2	19.9	-0.7	3	50	+ 41	6	90
CAGLIARI/ELMAS	39 15 N	09 03 E	18	31	1015	1016	24.0	- 0.4	19.9	-0.8	2	12	+ 2	4	95
TRAPANI/BIRGI	37 55 N	12 30 E	14	31	1015	1016	24.7	- 0.2	23.1	+1.9	3	31	+ 23	5	92
CATANIA/FONTANAROSSA	37 28 N	15 03 E	17	31	1013	1015	25.3	- 0.1	23.0	+0.1	2	13	+ 3	5	
MESSINA	38 12 N	15 33 E	51	31	1008	1015	25.5	- 0.4	23.0	+0.9	6	50	+ 32	5	88
MALTA															
LUQA	35 51 N	14 29 E	72	31	1007.5	1015.9	25.7	- 0.6			0	0	- 70	3	84
GRENDI	35 50 N	14 26 E	136			U									
YUGOSLAVIA															
ZAGREB/MAKSIMIR	45 49 N	16 02 E	128			U									
BEOGRAD/ZELENO BRDO	44 47 N	20 32 E	243			U									
BULGARIA															
LOM	43 49 N	23 14 E	33		1012.5	1016.4									
SOFIA OBS.	42 49 N	23 23 E	588		948.2	1016.7	18.2		13.7		9	82		5	
VARNA	43 12 N	27 55 E	41		1011.2	1016.1	20.5		16.6		7	44		4	
BOURGAS	42 99 N	27 29 E	28		1013.0	1016.4	20.4		18.3		7	25		3	
GREECE															
ATHENS/HELLINIKON	37 54 N	23 44 E	15			U									
ROMANIA															
BUCURESTI/IMH	44 30 N	26 08 E	95			U									
CONSTANTA	44 13 N	28 38 E	32			U									
CYPRUS															
EPISKOPI	34 41 N	32 49 E	113			U									
TURKEY															
RIZE	41 02 N	40 30 E	4	31	1013.2	1013.7	20.2	- 2.4	15.1	-7.6	15	194	- 17	3	28
SAMSUN	41 17 N	36 20 E	44	31	1013.3	1013.7	20.7	- 2.6	18.8	-2.3	9	69	+ 36	5	50
EDIRNE	41 40 N	26 34 E	48	31	1009.5	1015.3	21.4	- 2.7	15.7	-0.6	6	39	+ 16	4	63
ISTANBUL/GOZTEPE	40 58 N	29 05 E	40	31	1010.3	1014.8	21.7	- 1.7	17.8	-2.2	7	48	+ 26	5	63
BURSA	40 11 N	29 04 E	100	31	1002.4	1014.0	21.9	- 2.1	16.5	-0.6	1	3	- 15	2	74
CANAKKALE	40 08 N	26 24 E	3	31	1013.9	1014.2	23.3	- 1.3	18.4	-0.8	0	1	- 10		78
IZMIR	38 26 N	27 10 E	25	31	1008.5	1011.4	25.2	- 2.1	19.3	+2.0	1	2	- 1	4	85
ANTALYA	36 42 N	30 44 E	50	31	1002.0	1006.8	26.5	- 1.6	19.5	-3.2	0	T	- 3	3	87
KASTAMONU	41 22 N	33 46 E	799	31	923.2	1013.3	16.1	- 3.0	12.0	-1.2	5	62	+ 38	5	60
ANKARA/CENTRAL	39 57 N	32 53 E	894	31	911.3	1010.5	19.2	- 4.1	11.1	-0.2	1	15	+ 6	5	73
SIVAS	39 45 N	37 01 E	1285	31	869.9	1010.4	16.2	- 3.5	10.3	-0.8	0	1	- 4	2	80
ERZINCAN	39 44 N	39 30 E	1215	31	875.2	1006.4	20.3	- 3.9	11.6	-0.8	4	12	+ 7	3	77
ERZURUM	39 55 N	41 16 E	1869	31	810.4	1005.7	16.7	- 2.9	10.4	+0.8	6	64	+ 18	6	78
MUGLA	37 12 N	28 21 E	646	31	937.1	1008.9	23.7	- 2.3	13.3	+1.5	0	0	- 9	0	82
AFYON	38 45 N	30 32 E	1034	31	897.9	1012.2	18.5	- 3.6	10.8	-0.7	1	15	+ 5	4	70
ISPARTA	37 45 N	30 33 E	997	31	900.3	1014.7	19.6	- 3.4	11.6	-0.8	2	6	- 8	3	80
KONYA	37 58 N	32 33 E	1022	31	896.9	1009.2	20.3	- 2.6	11.8	+1.0	1	11	+ 7	5	76
URFA	37 08 N	38 46 E	547	31	961.5	1001.0	28.7	- 2.7	13.0	+0.6	0	0	+ T		86
MALATYA/ERHAC	38 26 N	38 05 E	849	31	898.6	1006.5	23.9	- 3.0	10.1	0.0	0	T	- 2	4	86
DIYARBAKIR	37 53 N	40 11 E	677	31	928.5	1003.4	28.8	- 2.5	14.9	+5.4	0	0	- 1	0	90
VAN	38 27 N	43 19 E	1661	31	830.3	1008.9	20.3	- 1.4	9.8	-2.0	0	0	- 3		90
USSR															
MURMANSK	68 58 N	33 03 E	46		1006.2	1012.3	10.1		10.1		11	40		2	85
KANIN NOS	68 39 N	43 18 E			1004.0	1010.0	8.4		9.7		4	45		3	35
ARKHANGELSK	64 35 N	40 30 E	13		1009.3	1010.3	11.5		11.2		13	85		5	65
REBOLY	63 49 N	30 49 E	181		950.5	1012.3	12.2		11.2		10	60		3	85
VYTEGRA	61 01 N	36 27 E	59		1004.8	1011.5	13.5		12.6		13	105		4	50
LENINGRAD /TOWN/VILLE/	59 58 N	30 18 E	4		1012.8	1012.9	15.7		13.6		10	37		1	120
TALLIN	59 25 N	24 48 E	44		1011.1	1015.1	15.2		14.0		9	66		3	50
KAUNAS	54 53 N	23 53 E	75		1007.1	1016.2	16.7		15.6		6	35			115
MINSK	53 52 N	27 32 E	234		988.9	1016.1	16.6		13.6		5	29		1	
VELIKIE LUKI	56 23 N	30 36 E	98		1002.3	1014.6	15.0		14.1		13	58		2	120
VOLOGDA	59 17 N	39 52 E	118		994.7	1010.7	12.5		12.1		11	44		2	105
KIROV	58 39 N	49 37 E	164		989.9	1009.7	14.0		12.4		13	78		4	85
MOSKVA	55 45 N	37 34 E	156		994.6	1013.1	15.1		13.2		7	39			
KAZAN	55 47 N	49 11 E	64		995.3	1009.4	15.2		13.1		12	136		5	85
SARATOV	51 34 N	46 02 E	156		988.1	1011.6	16.9		12.5		7	45			95
LVOV	49 49 N	23 57 E	325		979.5	1016.8	16.4		13.6		3	31			
KIEV	50 24 N	30 27 E	179		995.8	1015.4	18.7		13.6		1	8		1	
HAR KOV	49 56 N	36 17 E	152		995.5	1013.6	14.9		13.7		7	46		3	85
ODESSA	46 29 N	30 38 E	64		1009.9	1014.8	20.2		15.2		3	28		3	60
SIMFEROPOL	45 01 N	33 59 E	205		992.5	1013.3	19.2		14.2		6	37			85
ROSTOV-NA-DONU	47 15 N	39 49 E	77		1003.7	1011.5	20.1		15.7		9	76		5	85
ASTRAHAN	46 16 N	48 02 E	18		1013.5	1011.1	22.7		15.4		3	14		4	
PJATIGORSK	44 03 N	43 02 E			951.0	1012.3	17.4		15.2		12	92		4	55
TBILISI	41 41 N	44 57 E	490		959.3	1007.6	22.0		16.1		6	37		3	85
AFRICA															

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
AFRICA															
MOROCCO															
KENITRA II	34 18 N	06 36 W	12			U									
SPANISH CANARY IS															
SANTA CRUZ DE TENERIFE	28 27 N	16 15 W	46		1012.6	1017.1	24.4		18.3		0	T		5	80
ALGERIA															
ALGER/DAR EL BEIDA	36 43 N	03 15 E	25		1012.7	1015.6	23.6		21.2		1	3			75
BEJAIA	36 43 N	05 04 E	3		1015.7	1016.1	23.9		22.9		2	4			55
SKIKDA	36 52 N	06 57 E	9		1015.4	1016.5	23.7		24.9		0	1			
ANNABA	36 50 N	07 49 E	4		1015.8	1016.4	24.0		23.7		3	6		4	95
MILIANA	36 18 N	02 14 E	722		935.4	1015.0	24.2		15.1		0	1			80
CONSTANTINE	36 17 N	06 37 E	697		938.3	1015.2	23.5		15.4		1	3			
BORDJ BOU ARRERIDJ	36 04 N	04 46 E	928		913.2		24.2		13.0		4	12			78
BISKRA	34 48 N	05 44 E	88		1003.1	1013.0	32.6		13.6		1	7			
D JELFA	34 40 N	03 15 E	1178		889.9	1546 Y	25.1		12.3		6	42			88
ELBAYADH	33 41 N	01 01 E			871.9	1570 Y	25.8		8.8		3	11			65
EL OUED-GUEMAR	33 30 N	06 47 E	63		1005.8	1012.7	26.3		18.0		0	0			70
BECHAR	31 37 N	02 14 W	786		923.3	1544 Y	32.7		6.4		0	0		3	65
GHARDAIA-NOUMERPATE	32 23 N	03 49 E	442		961.5	1012.4	33.0		11.6		1	3			55
HASSI-MESSOUD/OUED IRARA	31 40 N	06 09 E	143		995.9	1011.8	34.8		12.6		0	0			
EL GOLEA	30 34 N	02 52 E	398		967.0	1010.6	32.8		10.1		0	0			80
TIMIMOUN	29 15 N	01 07 E	313		955.1	1009.2	35.5		7.5		0	0			80
ADRAR	27 53 N	00 17 W	264		976.0	1008.1	36.2		8.2		0	T			65
IN SALAH	27 12 N	02 28 E	294		976.9	1008.8	36.6		8.5		0	0			80
TAMANRASSET	22 47 N	05 31 E	1378		866.0	1543 Y	28.4		5.8		0	0			105
DJANET	24 33 N	09 28 E	1054		899.3	1553 Y	30.8		7.6		0	0			
TUNISIA															
TUNIS CARTHAGE	36 50 N	10 14 E	4		1015.9		25.9		21.7		2	8		4	80
TOZEUR	33 55 N	08 10 E	51			U									
EGYPT															
HELWAN	29 52 N	31 20 E	141		993.7	1010.0			8.4		0	0		5	90
ASSWAN	23 58 N	32 47 E	194		985.0	1006.5	31.9								
SUDAN															
PORT SUDAN	19 35 N	37 13 E	2	31	1004.2	1004.2	32.5	+ 2.4	22.9		0	0		5	
KHARTOUM	15 36 N	32 33 E	380	31	963.3	1004.3	34.0	- 3.5	13.5		0	0		3	
EL OBEID	13 10 N	30 14 E	574	31	944.5	1007.4	29.6	- 2.6	22.7		4	20		3	
EL FASHER	13 37 N	25 20 E	730	31	928.8	1006.3	27.4	- 0.3	16.8		3	30		4	
DAMAZINE	11 47 N	34 23 E	470	31	955.6	1007.3	26.7	- 0.7	25.5		8	112		2	
MALAKAL	09 33 N	31 39 E	388	31	965.9	1009.3	26.3	- 0.1	25.7		8	75		2	
MAURITANIA															
NOUADHIBOU	20 56 N	17 02 W	3		1012.4	1012.9	22.3		20.7		0	0		1	
NOUAKCHOTT	18 06 N	15 57 W	3		1011.4	1011.6	27.6		25.5		0	0			
ROSSO	16 30 N	15 49 W	6		1012.0	1012.7	20.9		18.4		2	9			
ATAR	20 31 N	13 04 W	224		985.2	1009.6	35.3		13.4		1	3			
AKJOUJT	19 45 N	14 22 W	120		990.6	1010.9	33.9		18.0		0	0			
BOUTILIMIT	17 32 N	14 41 W	75		1003.0	1011.5	31.0		21.4		0	T			
TIDJIKJA	18 34 N	11 26 W	402		985.0	1009.7	33.7		16.8		2	5			
KIFFA	16 38 N	11 24 W	115		990.6	1009.6	32.8		23.0		3	38			
AIOUN EL ATROUSS	16 42 N	09 36 W	223		984.6	1009.2	30.5		21.2		5	57			
NEMA	16 36 N	07 16 W	269				32.4		23.1		4	49			
SENEGAL															
SAINT-LOUIS	16 03 N	16 27 W	4		1011.6	1012.1	27.9		29.7		1	12		1	
DIOURBEL	14 39 N	16 14 W	9		1010.8	1011.8	29.3		29.3		6	125		1	
KAOLACK	14 08 N	16 04 W	7		1012.3	1013.1	29.0		29.4		7	151		1	
ZIGUINCHOR	12 33 N	16 16 W	23		1010.0	1012.6	26.8		29.1		23	227			
PODOR	16 38 N	14 56 W	7		1011.3	1012.1	31.4		24.4		3	18		1	
LINGUERE	15 23 N	15 07 W	21		1009.1	1011.4	30.5		26.7		2	41			
MATAM	15 38 N	13 15 W	17		1008.8	1010.7	32.5		24.7		4	31		1	
TAMBACOUNDA	13 46 N	13 41 W	50		1006.3	1012.0	28.0		28.0		10	73		0	
KEDOUGOU	12 34 N	12 13 W	167		992.4	1011.1	26.4		28.9		16	248		1	
MALI															
GAO	16 16 N	00 03 W	260		978.0	1008.3	34.4		18.4		3	24			90
HOMBORI	15 20 N	01 41 W	288		977.2		33.0		21.3		6	239		0	
MOPTI	14 31 N	04 06 W	272		980.3	1010.2	30.1		24.5		9	54		0	130
NIORO DU SAHEL	15 14 N	09 21 W	237		980.3	1009.8	30.5		23.4		5	36		0	
KAYES	14 26 N	11 26 W	47		1006.2	1011.5	23.6		28.1		5	160		1	135
KENIEBA	12 51 N	11 14 W	132		909.6	1011.7	27.0		29.1		21	189		1	
KITA	13 04 N	09 27 W	329		904.3	1011.6	26.2		26.8		13	254		2	140
BAMAKO/SENOU	12 32 N	07 57 W	381			1010.4	26.7		26.2		14	204			
SAN	13 20 N	04 50 W	284		909.5	1011.0	28.1		26.0		9	124		1	
BOUGOUNI	11 25 N	07 30 W	351		972.4	1011.3	26.2		26.4		9	142		0	
SIKASSO	11 21 N	05 41 W	375		960.3	1011.1	25.7		26.6		15	243		1	35
NIGER															
AGADEZ	16 58 N	07 59 E	503		952.5	1006.6	33.7		10.2		0	0		0	105
N GUIGMI	14 15 N	13 07 E	286		976.0	1007.8	31.1		21.0		3	53		1	120

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
AFRICA															
NIGER															
MAINE-SOROA	13 14 N	11 59 E	339		979.3	1008.4	30.1		22.8		3	34			125
ZINDER-AERO	13 47 N	08 59 E	453		959.1	1008.7	30.1		20.6		7	60		1	125
MAGARIA	12 59 N	08 56 E	403		965.6	1010.2	28.1		25.0		8	200		2	
MARADI	13 28 N	07 05 E	369		967.9	1008.9	29.5		24.2		8	103		1	95
BIRNI-N KONNI	13 48 N	05 15 E	274		978.9	1009.1	30.1		24.8		8	80			115
TAHOUA	14 54 N	05 15 E	387		966.0	1008.8	31.1		19.5		4	46		1	110
TILLABERY	14 12 N	01 27 E	210		985.6	1008.8	31.4		25.1		4	46			100
NIAMEY-AERO	13 29 N	02 10 E	234		984.2	1009.4	30.3		25.2		7	57			115
GAYA	11 53 N	03 27 E	203		987.0	1009.7	27.8		27.6		8	96			120
GAMBIA															
BATHURST/YUNDUM	13 21 N	16 40 W	26		1008.6	1012.3	26.4		29.8		14	185		4	95
GUINEA															
CONAKRY/GBESSIA	09 34 N	13 37 W	26		1009.4	1012.4	25.4		28.7		20	345			
LABE	11 19 N	12 18 W	1026		900.7	1012.2	21.1		20.6		22	96			
SIGUIRI	11 26 N	09 10 W	366		968.9		25.6		26.2		14	287			
KANKAN	10 23 N	09 18 W	384		968.0	1010.8	26.0		26.0		20	212			
N ZEREKORE	07 44 N	08 50 W	470		960.2	1012.4	24.4		25.6		26	386			
SIERRA LEONE															
LUNGI	08 37 N	13 12 W	27	31	1009.6	1012.5	25.5	+ 0.4	28.3	+0.3	23	431	-368		159
BONTHE	07 32 N	12 30 W	8	31	1012.4	1013.3	26.4	+ 1.2	29.4	+0.9	25	510	-244		136
NJALA	08 06 N	12 06 W	56	31	1002.9	1009.2	26.0	+ 1.1	28.6	+0.6	22	363	-154		165
BO	07 57 N	11 46 W	93	31	1002.1	1013.1	25.5	+ 0.7	28.1	+0.7	22	367	-155		178
KABALA	09 35 N	11 33 W	464	31	959.9	1011.9	28.0	+ 4.1	25.7	+1.1	24	400	+ 36		247
DARU	07 59 N	10 51 W	186	31	989.9	1011.3	26.2	+ 1.1	27.2	+0.5	22	320	- 32		194
LIBERIA															
ROBERTS FIELD	06 15 N	10 21 W	12	31	1012.3	1013.3	24.8	+ 0.5	29.5	+0.7	25	513	- 5		
IVORY COAST															
ODIENNE	09 30 N	07 34 W	434		964.4	1011.3	24.6		26.1		19	332		2	
KORHOGO	09 25 N	05 37 W	382		968.9	1011.5	25.7				17	204			
MAN	07 23 N	07 31 W	340				24.1		26.9		22	257			
BOUAKE	07 44 N	05 04 W	376		970.5	1012.3	24.1		25.9		14	189			
BONDOUKOU	08 03 N	02 47 W	371		970.0	1011.7	24.5		26.3		10	183			
GAGNOA	06 08 N	05 57 W	214		988.4	1012.5	24.9		27.4		13	141			
DALOA	06 52 N	06 28 W	276		981.7	1012.7	24.5		26.3		11	159			
DIMBOKRO	06 39 N	04 42 W	92		1002.3	1012.7	26.1		27.4		6	70			
YAMOUSSOUKRO	06 54 N	05 21 W			987.9	1011.9	24.9		27.1		15	258			
TABOU	04 25 N	07 22 W	10		1010.7	1012.9	24.8		28.0		19	335			
SAN PEDRO	04 45 N	06 49 W	31		1009.4	1012.8	24.7		27.7		1	1			
SASSANDRA	04 57 N	06 05 W	66				24.2		27.1		6	198			
ABIDJAN	05 15 N	03 56 W	11		1011.9	1012.8	24.4		27.8		6	97		5	
ADIAKE	05 18 N	03 18 W	40		1009.8	1014.3	24.9		28.1		9	79			
UPPER VOLTA															
DORI	14 02 N	00 03 E	275		979.1	1009.7	30.7		23.3		5	49		0	
OUAHIGOUYA	13 35 N	02 26 W	324		972.8	1010.0	28.7		23.5		10	82		0	
OUAGADOUGOU	12 21 N	01 31 W	304		976.6	1010.7	27.7		26.1		10	122		0	135
FADA N GOURMA	12 04 N	00 21 E	309		976.4	1010.9	27.6		26.0		10	118		0	
BOROMO	11 40 N	02 55 W	271		980.9	1011.2	27.1		26.3		13	252		2	
BOBO-DIOULASSO	11 10 N	04 18 W	467		960.4	1011.6	25.2		25.4		15	235		1	
GAOUA	10 20 N	03 11 W	333		973.2	1011.6	25.7		26.3		14	155		1	
BENIN															
KANDI	11 08 N	02 56 E	292	31	978.5	1011.0	26.2	+ 0.6	26.9	-0.1	15	200	- 93	1	
NA TITINGOU	10 19 N	01 23 E	461		960.8	1011.7	24.8		25.3		15	218		2	
PARAKOU	09 21 N	02 37 E	393	31	968.2	1011.8	25.0	+ 0.6	25.3	-0.5	12	157	- 34	2	
SAVE	07 59 N	02 26 E	200	31	989.8	1012.4	24.8	0.0	25.5	-0.1	8	165	+ 36	4	
BOHICON	07 10 N	02 04 E	167		993.7	1012.7	25.1		27.9		11	171		4	
COTONOU	06 21 N	02 23 E	6	31	1011.8	1012.8	25.4	- 0.1	28.3	+1.0	4	66	+ 19	4	
TOGO															
OAPON	10 52 N	00 15 E	330		974.2	1011.4	26.2		26.2		12	255			
MANGO	10 22 N	00 28 E	146		994.8	1011.3	26.5		29.1		12	211		2	
SOKODE	08 59 N	01 08 E	403		968.0	1012.1	24.5		25.7		12	198		2	
ATAKPAME	07 35 N	01 07 E	402		967.4	1012.1	24.0		25.6		10	202		4	
TABLIGBO	06 35 N	01 30 E	52		1007.5	1012.6	25.6		27.0		7	57		4	
LOME	06 10 N	01 15 E	25		1010.1	1012.9	25.7		27.4		1	9		3	150
UNITED REP OF CAMEROON															
NGAOUNDERE	07 21 N	13 34 E	1104		891.7	1515 Y	20.6		20.3		18	134			135
DOUALA OBS.	04 00 N	09 44 E	9		1011.3	1012.3	25.3		28.3		22	334			
DOUALA R.S.	04 01 N	09 42 E	15			U									
CENTRAL AFRICAN REP															
BIRAO	10 17 N	22 47 E	464	31	958.3	1009.1	26.5		26.4		12	99			
N DELE	08 24 N	20 39 E	510	31	953.2	1009.1	24.7		24.1		9	73		0	
BRIA	06 32 N	21 59 E	584	31	946.3	1010.2	24.0		25.0		19	159			
YALINGA	06 30 N	23 16 E	602	31	943.9	1009.7	23.6		25.0		16	208			

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
AFRICA															
CENTRAL AFRICAN REP															
BAMBARI	05 51 N	20 39 E	475	31	958.9	1010.5	24.1		25.4		21	307			
ALINDAO	05 03 N	21 12 E	449	31	960.6	1010.1	24.4		25.3		18	275			
BANGASSOU	04 44 N	22 50 E	500	31	955.1	1010.1	24.5		25.6		18	119		1	111
BOSSANGOA	06 29 N	17 26 E	465	31	958.8	1009.9	24.7		25.4		17	163		1	134
BOUAR	05 58 N	15 38 E	1020	31	900.3	1490 Y	21.2		21.3		21	188			
BOSSEMBELE	05 16 N	17 38 E	674	31	936.5	1010.0	23.2		24.3		17	170			
BERBERATI	04 13 N	15 47 E	583	31	946.4	1010.5	22.8		24.1		21	255			129
BANGUI	04 24 N	18 31 E	366	31	969.5	1010.4	24.5		25.6		14	195		2	121
KENYA															
MOYALE	03 32 N	39 03 E	1113	31			19.8	- 0.3	15.0	-1.0	0	T	- 17	1	
ELDORET	00 32 N	35 17 E	2120	31	790.6	1492 Y	16.4		13.0		9	44	-135	1	133
NAIROBI AIRPORT	01 19 S	36 55 E	1624	31	841.1	1529 Y	17.1	+ 0.1	13.2	-1.2	2	6	- 9	1	76
GARISSA	00 28 S	39 38 E	138	31	999.1	1015.7	26.7	+ 0.1	19.1	-1.7	0	0	- 6	1	
MALINDI	03 14 S	40 06 E	23	31	1013.5	1016.1	24.2	- 0.2	23.2	-1.8	8	24	- 33	1	98
ETHIOPIA															
ASMARA	15 17 N	38 55 E	2325	31	772.0		15.1		11.9		10	120			113
GONDER	12 32 N	37 26 E	1966	31	805.9		18.2		15.9		20	238			
COMBOLCHA	11 05 N	39 43 E	1916	31	814.6		20.0		11.6		9	39			80
ADDIS ABABA	08 59 N	38 48 E	2408	31	768.9		16.3				24	296			136
DIRE DAWA	09 36 N	41 52 E	1146	31	884.3		28.0		15.2		7	52			110
GORE	08 10 N	35 33 E	1974	31			16.8		15.3		15	164			
JIMMA	07 40 N	36 50 E	1577	31	831.1		18.5		16.6		23	166			116
ZIMBABWE															
BULAWAYO/GOETZ OBS	20 09 S	28 37 E	1345	31	871.6	1557 Y	16.6	+ 0.7	8.1	+0.8	0	0	- 1	4	110
SALISBURY/BELVEDERE	17 50 S	31 01 E	1472			U									
HARARE/KUTSAGA OBS	17 56 S	31 06 E	1479	31	858.0	1555 Y	14.6	- 1.0	8.5	+0.5	0	0	- 3	3	109
CHIPINGA	20 12 S	32 37 E	1132	31	895.0	1565 Y	15.3	- 0.2	10.9	+0.2	2	12	- 12	3	111
ZAMBIA															
KASAMA	10 13 S	31 08 E	1384		865.1	1532 Y	18.6		9.4		0	0		4	105
KABWE	14 25 S	28 29 E	1207		883.9	1539 Y	19.3		8.4		0	0		4	105
LASAKA CITY AIRPORT	15 25 S	28 19 E	1280			U									
MONGU	15 15 S	23 10 E	1053		898.9	1533 Y	20.8		6.2		0	0		4	105
LIVINGSTONE	17 49 S	25 49 E	987		907.1	1541 Y	19.3		7.6		0	0		4	110
MALAWI															
KAMUZU INT.AP	13 47 S	33 46 E	1229	31	883.1	1545 Y	16.5		10.4		0	0			
CHILEKA	15 41 S	34 58 E	767	31	931.7	1523 Y	20.1	+ 0.3	12.7		0	0	- 1		60
MADAGASCAR															
DIEGO-SUAREZ	12 21 S	49 18 E	105	31		1017.1	22.7		18.2	-2.2	0	0	- 17	0	107
TULEAR	23 23 S	43 44 E	8	31		1019.3	20.7		14.9	-3.2	2	17	+ 12	5	100
TAMATAVE	18 07 S	49 24 E	6	31		1021.0	19.8		20.1	-0.9	20	201	0	3	96
ANTANANARIVO/IVATO	18 48 S	47 29 E	1276	31	878.7	1554 Y	14.0		11.6	-1.4	1	17	+ 7		100
COMOROS															
OZAOUDZI/PAMANZI/MAYOTTE/	12 48 S	45 17 E	7		1016.2		23.8		22.5		0	1			
SEYCHELLES															
SEYCHELLES INTERNATIONAL AP	04 40 S	55 31 E	3			U									
OCEAN ISLANDS															
AGALEGA/MAURITIUS	10 26 S	56 45 E	3		1013.6	1013.9	24.2	- 0.8	23.6	-1.1	8	21	- 50	1	
ILES GLORIEUSES	11 33 S	47 17 E	3	31	1017.7	1018.2	23.5		22.8		10	106			
SERGE-FROLOW/ILE TROMELIN	15 53 S	54 31 E	8	31	1016.5	1017.9	22.9		22.3		8	31			
ST. BRANDON/ST. RAPHAEL/	16 27 S	59 37 E	4		1017.4	1017.7	22.5	- 0.5	22.3	-0.5	6	21	- 30	1	
ILE JUAN DE NOVA	17 03 S	42 43 E	9	31	1016.9	1018.1	24.1		21.8		3	14			
RODRIGUES/MAURITIUS	19 41 S	63 25 E	59		1014.9	1021.2	21.3	- 0.1	18.5	-0.2	17	56	- 10	2	95
VACOAS/MAURITIUS	20 18 S	57 30 E	425			U									
PLAISANCE/MAURITIUS	20 26 S	57 40 E	57		1014.2	1020.5	20.4	- 0.2	18.6	-0.4	9	56	- 31	2	98
ST. DENIS/GILLOT, REUNION	20 53 S	55 31 E	12	31	1018.0	1020.9	20.1		16.7		12	107		5	110
ILE EUROPA	22 21 S	40 21 E	7	31	1018.9	1020.4	21.9		17.8		1	13		5	100
ILE NOUVELLE-AMSTERDAM	37 48 S	77 32 E	28	31	1016.2	1019.7	12.0		12.4		16	104			
ILE CROZET	46 30 S	51 00 E		31	987.0	1004.5	3.2		7.0		20	222			
PORT-AUX-FRANCAIS/KERGUELEN	49 20 S	70 13 E	18	31	994.1	997.8	2.0		5.8		10	94			
SOUTH AFRICA															
WINDHOEK	22 34 S	17 06 E	1700	31	834.3	1542 Y	17.4	+ 1.4	3.5	-0.1	0	0	- 1	3	101
J. G. STRIJDOM	22 29 S	17 28 E	1700	31	835.3	1553 Y	12.1	- 1.4	4.8		0	0	0		98
KEETMANSHOOP	26 34 S	18 07 E	1100	31	894.9	1538 Y	16.9	+ 1.9	4.2	-2.3	0	0	- 1	4	103
UPINGTON	28 24 S	21 16 E	800	31	928.2	1545 Y	15.5	+ 2.2	4.7	-1.1	1	4	+ 1	5	98
PIETERSBURG	23 52 S	29 27 E	1250	31	887.3	1559 Y	14.4	+ 0.4	10.4	+1.9	0	0	- 4	4	92
PRETORIA	25 44 S	28 11 E	1300	31	876.5	1559 Y	15.5	+ 0.8	7.8	+0.1	1	14	+ 8	5	95
PRETORIA/IRENE	25 55 S	28 13 E	1525			U									
JAN SMUTS	26 08 S	28 14 E	1700	31	836.0	1560 Y	13.5	+ 1.2	6.8	+0.3	0	0	- 5	3	96
BLOEMFONTEIN/J.B.M. HERTZOG	29 06 S	26 18 E	1400	31	866.1	1555 Y	10.9	+ 1.0	4.9	-0.4	2	12	+ 1	4	94
KIMBERLEY	28 49 S	24 46 E	1250	31	886.6	1552 Y	13.4	+ 0.8	5.0	-0.9	1	2	- 8	4	97
ALEXANDER BAY	28 34 S	16 32 E	0	31	1016.8	1019.5	13.5	- 0.2	11.0	0.0	0	1	- 7	3	105
CAPE TOWN/D.F.MALAN	33 58 S	18 36 E	0	31	1015.1	1020.9	12.9	+ 0.7	11.9	+0.8	5	31	- 49	1	107

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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															
SOUTH AFRICA															
PORT ELIZABETH	33 59 S	25 36 E	0	31	1013.0	1020.3	15.0	+ 1.1	12.8	+0.8	10	63	- 3	3	98
EAST LONDON	33 02 S	27 50 E	0	31	1005.2	1020.2	15.3	0.0	12.1	-0.1	3	20	- 49	2	101
DURBAN/LOUIS BOTHAN	29 58 S	30 57 E	0	31	1019.3	1020.9	18.0	+ 0.7	16.0	+1.3	5	78	+ 34	4	102
GOUGH ISLAND	40 21 S	09 53 W	0	31	1009.3	1015.7	8.5	- 0.3	8.9	-0.9	19	272	- 10		91
MARION ISLAND	46 53 S	37 52 E	0	31	1001.8	1004.5	2.9	- 0.6	6.0	-0.3	23	214	+ 21		136
ASIA															
USSR-WESTERN															
MYS KAMENNYJ	68 28 N	73 36 E			1006.3	1007.3	11.1		12.2		10	57			
HOSEDA-HARD	67 05 N	59 23 E	81		997.3	1007.4	10.3		10.0		13	92		5	95
NAR JAN-MAR	67 39 N	53 01 E	7		1006.6	1007.4	10.8		10.9		15	59		2	90
SALEHARD	66 32 N	66 32 E	35		1005.4	1007.3	11.5		10.5		11	76			125
TARKO-SALE	64 55 N	77 49 E	27		1002.8	1006.4	13.6		11.4		9	62			
NJAKSIMVOL	62 26 N	60 52 E	50		1002.1	1008.2	11.9		11.0		14	66			
TURUHANSK	65 47 N	87 57 E	32		1002.6	1007.1	14.1		12.8		5	67		5	200
ESSEJ	68 28 N	102 22 E	200		976.9	1009.3	10.4		10.0		10	51			80
SYKTYVKAR	61 40 N	50 51 E	96		994.7	1008.9	11.7		11.2		11	48		3	90
HANTY-MANSIJSK	60 58 N	69 04 E	40		1002.2	1008.0	14.4		12.9		8	50			
SURGUT	61 15 N	73 30 E	43		1000.5	1007.1	15.2		12.5		11	92			
PODKAMENNAJA TUNGUSKA	61 36 N	90 00 E	60		1001.8	1008.7	15.1		12.7		7	65		3	100
TURA	64 10 N	100 04 E	140		988.2	1010.2	13.5		10.1		5	15		1	115
ERBOGACEN	61 16 N	108 01 E	278		975.6	1009.9	14.0		12.3		2	8		1	
PERM	58 01 N	56 18 E	161		988.1	1008.3	14.1		13.5		16	84			70
SVERDLOVSK	56 48 N	60 38 E	237		976.0	1008.9	14.8		13.4		15	145		5	75
TOBOLSK	58 09 N	68 11 E	44		1003.0	1008.8	15.4		13.2		8	44			105
OMSK	54 56 N	73 24 E	94		994.6	1009.0	17.6		12.8		6	26			95
ENISEJSK	58 27 N	92 09 E	78		1000.6	1010.1	15.4		12.7		6	36		1	135
KRASNOJARSK	56 00 N	92 53 E	194		977.5	1009.7	15.5		12.4		6	41		2	
BOGUCANY	58 25 N	97 24 E	134		994.2	1009.9	15.7		11.4		1	5		1	55
BRATSK	56 04 N	101 50 E	326		962.3	1010.6	14.7		12.6		6	33			
KIRENSK	57 46 N	108 07 E	261		980.0	1010.4	14.8		12.5		4	31		1	
ORENBURG	51 45 N	55 06 E	109		995.5	1009.2	18.4		13.9		9	65		5	70
KUSTANAJ	53 13 N	63 37 E	171		991.6	1009.1	18.8		13.0		7	56			
TURGAJ	49 38 N	63 30 E	123		993.9	1008.8	22.9		10.8		3	13			
KARAGANDA	49 48 N	73 08 E	555		947.2	1010.0	19.7		8.6		2	7			
SEMIPALATINSK	50 21 N	80 15 E	206		986.2	1008.9	18.9		11.2		4	11			
MINUSINSK	53 42 N	91 42 E	251		980.5	1009.9	16.0		13.8		11	78		6	
IRKUTSK	52 16 N	104 21 E	485		955.4	1010.0	14.6		13.2		8	64		2	80
GUREV	47 01 N	51 51 E	-20		1012.6	1010.1	23.4		14.3		2	4			
FORT SEVCENKO	44 33 N	50 15 E	-20		1013.1	1010.4	22.2		18.7		1	2		2	110
SAM	45 25 N	56 12 E	82		1000.5	1009.9	23.9		14.0		0	0			
BALHAS	46 54 N	74 00 E	423		967.5	1007.1	23.3		10.4		1	1			
KRASNOVODSK	40 02 N	52 59 E	89		997.8	1007.1	25.8		18.4		2	3			75
ASHABAD	37 58 N	58 20 E	230		980.6	1006.1	30.2		16.8		0	0			80
CARDZOU	39 05 N	63 36 E	193		981.2	1002.7	29.0		12.6		0	0			90
CIMBAJ	42 57 N	59 49 E	66		1001.2	1008.8	26.6		17.0		0	0			
TASKENT	41 16 N	69 16 E	428		949.5	1003.1	27.6		14.7		0	0			100
ALMA-ATA	43 14 N	76 56 E	847		913.0	1005.6	25.1		9.9		0	0			
USSR-EASTERN															
OSTROV KOTELNYJ	76 00 N	137 54 E	10		1009.8	1010.8	- 0.1		5.7		6	24			110
COKURDAH	70 37 N	147 53 E	48		1000.6	1008.1	4.8		7.8		11	65			60
OSTROV CETYREHSTOLBOVOJ	70 38 N	162 24 E	6		1003.8	1008.9	1.6		6.3		5	21			
MYS SMIDTA	68 55 N	179 29 W	7		1008.8	1009.4	3.0		6.8		6	19			
MYS UZLEN	66 10 N	169 50 W	7		1009.8	1010.7	4.4		7.6		10	50			
ANADYR	64 47 N	177 34 E	62		1002.0	1010.4	9.1		9.3		9	40		3	40
OHOTSK	59 22 N	143 12 E	6		1007.0	1007.6	12.2		11.8		9	87		4	
VLADIVOSTOK	43 07 N	131 54 E	138		998.2	1009.9	20.1		21.2		10	162			90
OLENEK	68 30 N	112 26 E	127		983.4	1009.7	9.8		8.4		5	16		1	
OZARDZAN	68 44 N	124 00 E	47		1004.9	1009.6	8.6		8.8		10	48			
VERHOJANSK	67 33 N	133 23 E	137		992.7	1009.3	8.5		7.5		11	34		4	
ZYRJANKA	65 44 N	150 54 E	43		1005.1	1010.3	11.0		8.8		9	49		3	
UST -OLOJ	66 33 N	159 25 E	125		992.9	1008.0	9.3		8.0		8	66			
ILIRNEJ	67 20 N	168 14 E	426		966.2	1008.6	8.2		8.3		10	66		5	
OJMJAKON	63 16 N	143 09 E	726		921.6	1007.8	7.9		8.0		10	55		4	
SEJMCAN	62 55 N	152 25 E	207		982.9	1008.1	11.3		8.8		5	28		3	
VILJUJSK	63 46 N	121 37 E	107		996.3	1009.6	12.5		9.7		6	21		2	
SUNTAR	62 09 N	117 39 E	124		993.8	1009.8	13.6		11.0		7	21		2	
JAKUTSK	62 05 N	129 45 E	103		996.9	1008.9	12.8		9.2		4	26		3	
ALDAN	58 37 N	125 22 E	682		931.9	1010.1	11.9		9.5		8	42		1	
CITA	52 01 N	113 20 E	685			U									
HONG KONG															
ROYAL OBSERVATORY	22 18 N	114 10 E	33	31	994.8	1001.9	28.2	0.0	31.0	-0.3	15	349	- 64	2	79
KINGS PARK	22 19 N	114 10 E	66			U									
MACAO															
MACAO	22 12 N	113 32 E	59		995.1	1001.8	28.4		30.8		18	334		4	
DEM PEOPLE'S REP OF KOREA															
CHUN GGANG	41 47 N	126 53 E	332		971.5	1008.6	22.6		9.6		14	98		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															
DEM PEOPLE'S REP OF KOREA															
HYESAN	41 24 N	128 10 E	714		929.2	1012.0	20.8		19.0		8	96			
KIMCHAEK	40 40 N	129 12 E	23		1006.9	1009.6	22.8		24.0		11	264			
SINUIJU	40 06 N	124 23 E	7		1007.9	1008.7	24.3		25.4		1	342		4	
WONSAN	39 11 N	127 26 E	36		1005.4	1009.6	24.5		25.5		14	309		4	
PYONGYANG	39 02 N	125 47 E	38		1004.5	1008.9	24.8		26.4		14	135		2	
HAEJU	38 02 N	125 42 E	81		999.6	1008.8	25.2		26.5		11	187		2	
REPUBLIC OF KOREA															
KANGNUNG	37 45 N	128 54 E	27	31	1006.3	1009.4	25.2	+ 0.9	25.8	+1.1	17	186	- 42	3	102
INCHON	37 29 N	126 38 E	70	31	1000.8	1008.8	25.9	+ 1.1	24.9	-0.5	10	273	+ 37	4	113
PUSAN	35 06 N	129 02 E	71	31	1000.5	1008.5	27.1	+ 1.6	29.1	+2.9	8	175	- 24	3	126
MOKPO	34 47 N	126 23 E	56	31	1002.1	1008.5	27.2	+ 1.0	29.2	+1.9	12	139	- 31	3	109
JAPAN															
WAKKANAI	45 25 N	141 41 E	11	31	1008.7	1010.0	20.5	+ 1.6	20.4	+2.2	6	113	+ 2	3	108
ASAHIKAWA	43 46 N	142 22 E	116	31	997.0	1010.3	22.4	+ 2.0	19.6	+0.2	6	35	-133	1	133
ABASHIRI	44 01 N	144 17 E	39	31	1005.7	1010.7	20.5	+ 1.9	19.2	+0.8	6	109	+ 4	4	154
SAPPORO	43 03 N	141 20 E	19	31	1008.0	1010.1	23.6	+ 2.3	21.2	+1.0	4	39	- 92	1	125
NEMURO	43 20 N	145 35 E	26	31	1008.3	1011.4	18.0	+ 1.1	18.3	+0.7	3	93	- 21	3	120
URAKAWA	42 10 N	142 47 E	34	31	1007.0	1010.9	21.4	+ 1.7	21.5	+1.0	5	44	-106	1	130
AKITA	39 43 N	140 06 E	10	31	1009.6	1010.8	25.3	+ 1.3	24.6	+0.6	7	83	-103	1	131
MIYAKO	39 39 N	141 58 E	47	31	1005.6	1010.9	23.9	+ 1.8	24.3	+1.6	7	56	- 92	1	151
SENDAI	38 16 N	140 54 E	40	31	1006.2	1011.1	25.7	+ 1.8	25.4	+1.0	4	17	-136	0	147
WAJIMA	37 23 N	136 54 E	6	31	1009.9	1010.6	26.4	+ 1.5	27.2	+1.3	5	144	- 48	3	127
NIIGATA	37 55 N	139 03 E	6	31	1010.0	1010.8	27.6	+ 1.9	27.7	+2.0	2	18	-137	0	130
KANAZAWA	36 33 N	136 39 E	28	31	1007.4	1010.6	27.9	+ 1.7	26.9	+0.6	5	99	- 97	2	126
MATSUMOTO	36 15 N	137 58 E	611	31	942.9	1010.2	25.1	+ 1.2	22.1	+0.6	7	55	- 49	2	117
MAEBASHI	36 24 N	139 04 E	113	31	998.0	1010.8	27.4	+ 1.9	25.6	+0.2	6	32	-140	1	150
NAGOYA	35 10 N	136 58 E	56	31	1004.6	1010.9	28.5	+ 1.7	28.9	+2.3	4	53	-117	1	114
TATENO	36 03 N	140 08 E	27			U									
CHOSHI	35 43 N	140 51 E	28	31	1008.2	1011.4	25.9	+ 1.1	27.9	+0.6	0	0	-112	0	148
OMAEZAKI	34 36 N	138 13 E	47	31	1006.3	1011.6	27.3	+ 1.2	30.0	+1.0	4	78	-136	1	110
TOKYO	35 41 N	139 46 E	36	31	1006.9	1011.0	28.6	+ 1.9	27.1	+1.0	3	32	-105	1	135
HACHIJOJIMA	33 06 N	139 47 E	80	31	1002.5	1011.5	26.8	+ 0.2	28.7	-0.9	5	32	-194	0	133
HACHIJOJIMA/OMURE	33 07 N	139 47 E	156			U									
YONAGO	35 26 N	133 21 E	8	31	1009.0	1009.9	27.8	+ 1.6	26.9	+0.4	3	30	-123	1	125
HIROSHIMA	34 22 N	132 26 E	30	31	1006.5	1009.9	28.0	+ 1.2	28.9	+1.8	4	71	- 53	2	111
OSAKA	34 41 N	135 31 E	50	31	1004.9	1010.5	29.4	+ 1.4	27.4	+1.1	4	24	- 79	1	119
SHIONOMISAKI	33 27 N	135 46 E	75	31	1002.5	1011.0	27.3	+ 0.8	30.4	+1.1	8	89	-196	1	122
IZUHARA	34 12 N	129 18 E	22	31	1006.4	1009.0	26.9	+ 0.8	29.2	+1.9	10	217	- 46	3	126
FUKUOKA	33 35 N	130 23 E	14	31	1007.5	1009.1	28.6	+ 1.3	28.8	+1.2	6	170	- 7	4	112
OITA	33 14 N	131 37 E	13	31	1008.2	1009.7	27.6	+ 1.0	27.6	-0.1	9	67	-117	1	116
NAGASAKI	32 44 N	129 52 E	35	31	1004.8	1008.8	28.1	+ 0.6	29.7	+1.5	7	245	+ 49	4	98
KAGOSHIMA	31 34 N	130 33 E	5	31	1008.4	1009.0	28.4	+ 0.7	29.3	+0.5	8	334	+125	5	104
KAGOSHIMA/YOSHINO	31 38 N	130 35 E	283			U									
MIYAZAKI	31 55 N	131 25 E	7	31	1008.6	1009.4	27.3	+ 0.3	29.1	-0.3	12	305	+ 30	4	110
KOCHI	33 34 N	133 33 E	18	31	1008.6	1010.6	27.7	+ 0.6	27.4	-1.2	9	322	- 4	3	113
SHIMIZU/ASHIZURI	32 43 N	133 01 E	32	31	1006.7	1010.4	27.5	+ 0.2	30.8	+0.9	10	187	- 52	3	112
NAZE	28 23 N	129 30 E	7	31	1006.1	1006.9	28.2	+ 0.2	30.9	+1.1	17	487	+157	5	102
NAZE/FUNCHATOGE	28 23 N	129 33 E	295			U									
ISHIGAKIJIMA	24 20 N	124 10 E	7	31	1002.3	1003.1	28.7	+ 0.1	31.8	+0.2	17	469	+258	6	95
MIYAKOJIMA	24 47 N	125 17 E	41	31	998.7	1003.3	28.2	+ 0.4	32.4	+1.5	14	249	+ 21	4	104
NAHA	26 14 N	127 41 E	36	31	1000.2	1004.2	28.2	+ 0.4	31.6	+1.1	16	403	+143	5	107
MINAMIDAITOJIMA	25 50 N	131 14 E	15	31	1004.8	1006.7	27.9	+ 0.1	30.7	-0.1	17	229	+ 46	4	103
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	35			U									
BEN GURION INT AP	32 00 N	34 54 E	49	31	1004.3	1009.0	25.3		22.6		0	0		5	100
JERUSALEM	31 47 N	35 13 E	809	31	925.4	1483 Y	20.8		16.5		0	0		5	91
EILAT	29 33 N	34 57 E	13	31	1005.8	1006.9	31.3		12.6		0	0		5	105
							S26.4								
JORDAN															
H-4	32 30 N	38 12 E	688	31	930.2	1004.1	25.7		15.7		0	0			101
MAFRAQ	32 22 N	36 16 E	687			U									
AMMAN AIRPORT	31 59 N	35 59 E	762	31	921.3	1006.7	23.5	- 2.1	14.3	+0.3	0	0	- T	5	93
MA'AN	30 10 N	35 47 E	1070	31	891.2	1521 Y	23.4		10.4		0	0			99
KUWAIT															
KUWAIT INTL AIRPORT	29 13 N	47 59 E	55	31	994.8	1001.1	35.1	- 1.6	6.7	-6.4	0	0	0		72
SAUDI ARABIA															
EL-WEJH	26 14 N	36 26 E	19		1002.5	1005.1	28.7		28.9		0	0			
YENBO	24 07 N	38 03 E	6		1003.6	1004.3	29.1		24.8		0	0			
JEDDAH (KING ABDULAZIZ) AP	21 40 N	39 09 E	8		1002.1	1002.9	30.9		23.9		0	0			
MAKKAH	21 29 N	39 50 E	94		977.4	1011.3	34.5		19.3		0	0			
RAFHA	29 38 N	43 29 E	440		954.2	1002.6	30.2		7.7		0	0			
AL-JOUF	29 56 N	40 12 E	559		931.8	1004.3	29.0		6.3		0	0			
GIZAN	16 52 N	42 35 E	3		1002.7	1003.0	32.9				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 i MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
SAUDI ARABIA															
BADANA	30 58 N	40 59 E	539		943.4	1004.6	29.6		7.8		0	0			
TABOUK	28 24 N	36 35 E	769		922.3	1005.5	29.4		7.5		0	0			
TURAIF	31 41 N	38 40 E	824		916.2	1006.8	25.5		10.0		0	0			
HAIL	27 31 N	41 44 E	988		896.1	1000.9	29.8		4.3		0	0			
HAFOOF	25 33 N	49 38 E			981.8		34.0		9.0		0	0			
MEDINA	24 31 N	39 42 E	632		933.9	999.0	33.7		7.1		0	0			
TAIF	21 29 N	40 32 E	1457		853.1	1485 Y	27.6		14.3		0	0			
KHAMIS MUSHAIT	18 18 N	42 48 E	2057		796.6	1486 Y	22.4		13.5		5	43			
ABHA	18 08 N	42 23 E	2090		791.5	1465 Y	22.4		12.9		5	34			
BISHA	19 58 N	42 40 E	1161		880.2	1474 Y	31.3		8.6		0	0			
AL BAHA	20 18 N	41 38 E	1662		834.9	1501 Y	27.1		9.7		0	T			
SULAYIL	20 28 N	45 40 E	612		935.7	1002.1	33.9		7.0		0	0			
RIYADH	24 42 N	46 44 E	608		935.9	1002.7	33.7		5.9		0	0			
RIYADH(KING KHALED INT AP)	24 55 N	46 43 E	624		936.0	1001.5	32.4		3.8		0	0			
GASSIM	26 17 N	43 51 E	645		931.7	1002.4	31.9		5.2		0	0			
QAISUMAH	28 20 N	46 07 E	356		962.6	1001.9	32.3		5.7		0	0			
DHAHRAN	26 16 N	50 10 E	21		998.1	1000.9	33.8		13.1		0	0			
NAJRAN	17 36 N	44 25 E	1210		874.9	1467 Y	30.9		8.7		0	T			
OMAN															
SUR	22 35 N	59 30 E			999.1	999.8	30.8		29.1		0	T			
SEEB INTERNATIONAL AP	23 35 N	58 17 E			997.4	999.0	31.7		30.2		0	0			
MASIRAH	20 41 N	58 54 E			997.9	1000.1	25.9		25.1		0	T			
SALALAH	17 02 N	54 05 E	22		1001.2	1003.9	24.9		27.7		8	21			
THUMRAIT	17 44 N	53 56 E			952.0		31.3		14.9		0	0			
BAHRAIN															
BAHRAIN MUHARRAQ	26 16 N	50 37 E	2	31	1000.1	1000.3	32.6	- 1.7	28.3	-6.8	0	0	0	5	
UNITED ARAB EMIRATES															
ABU DHABI BATEEN AP	24 26 N	54 27 E	3	31		998.9	32.5	- 1.3	31.4	-1.2	0	T	+ 23		100
ABU DHABI NEW INT AIRPORT	24 26 N	54 28 E	3			U									
DEMOCRATIC YEMEN															
ADEN KHORMAKSAR	25 15 N	51 34 E	3		1003.3	1003.6	31.5		32.5		0	T			
QATAR															
DOHA INTERNATIONAL AP	25 15 N	51 34 E	10		998.5	999.4	33.8		18.5		0	0			
AFGHANISTAN															
MAZARI-SHARIF	36 42 N	67 12 E	378	31	958.7	998.8	33.8	+ 3.5	14.5	+4.2	0	0	0	4	95
KABUL-AIRPORT	34 33 N	69 12 E	1803	31	814.2	1413 Y	25.9	+ 1.8	16.0	+6.3	0	0	- 2	1	88
KANDAHAR-AIRPORT	31 30 N	65 31 E	1005	31	888.7	995.2	32.6	+ 3.3	15.0	+5.7	0	0	- 1	4	79
HERAT	34 11 N	62 13 E	964	31	899.8	999.8	28.4	+ 0.8	9.9	-0.8	0	0	0	5	93
CHAKHCHARAN	34 32 N	65 16 E	2230	31	773.5	1409 Y	21.2	+ 3.4	6.2	0.0	0	0	- 5	5	91
PAKISTAN															
PARACHINAR	33 52 N	70 05 E	1725	31	821.4	1427 Y	23.6	- 0.2	21.7	+2.4	11	146	+ 34		
PESHAWAR	34 01 N	71 35 E	359	31	958.0	997.1	30.0	- 0.9	33.0	+5.7	7	237	+196	5	
FORT SANDEMAN	31 21 N	69 28 E	1407	31	849.9	1403 Y	28.6	- 0.8	20.5	+4.0	7	107	+ 60	6	
DERA ISMAIL KHAN	31 49 N	70 55 E	174	31	978.0	996.9	31.1	- 1.5	31.2	+0.3	6	33	- 3	3	
SARGODHA	32 03 N	72 40 E	184			U									
JHELUM	32 56 N	73 44 E	233	31	972.6	998.3	29.8	+ 0.1	32.3		14	267			
LAHORE CITY	31 33 N	74 20 E	214	31	974.8	998.4	30.5	- 0.7	32.0	+0.5	11	241	+118	5	
QUETTA/SAMUNGLI	30 15 N	66 53 E	1601	31	831.3	1391 Y	28.3	+ 2.9	14.9	-1.2	1	1	- 3	4	64
MULTAN	30 12 N	71 26 E	123	31	983.9	997.4	32.1	- 1.3	31.1	+0.5	3	52	+ 19	5	
DALBANDIN	28 53 N	64 42 E	850	31	904.1	1403 Y	35.3	+ 3.7	11.7	-0.2	0	0	0	5	
JACOBADAD	28 18 N	68 28 E	56	31	991.0	997.1	32.3	- 1.3	31.7	+1.3	2	9	- 13	3	82
PANJGUR	26 58 N	64 06 E	969	31	893.3	1422 Y	31.3	+ 1.1	22.7	+5.2	1	3	- 5	4	
CHHOR	25 31 N	69 47 E	6	31	997.9	998.5	29.1		31.0		3	192			
JIWANI	25 04 N	61 48 E	56	31	993.1	999.5	28.7		29.3		0	1			
HYDERABAD	25 23 N	68 25 E	30	31	995.2	998.6	29.6	- 1.7	30.7	+2.2	3	147	+103	5	
KARACHI AIRPORT	24 54 N	67 08 E	22	31	996.9	999.4	27.9	- 0.9	30.9	+0.8	7	246	+199	5	48
BANGLADESH															
CHITTAGONG AMBAGAN	22 21 N	91 49 E	14			U									
INDIA															
SRINAGAR	34 05 N	74 50 E	1587	31	833.5	1413 Y	25.5	+ 1.6	22.5	+3.8	6	105	+ 42	5	102
AMRITSAR	31 38 N	74 52 E	234	31	972.9	998.7	29.5	- 0.2	33.9	+2.8	12	246	+ 78		89
LUDHIANA	30 56 N	75 52 E	247	31	971.6	998.9	29.3	- 1.0	32.2	+1.1	13	255	+ 82	4	
MUKTESWAR KUMAON	29 28 N	79 39 E	2311	31	769.0	3105 Z	17.2	- 0.1	18.4	+0.5	18	163	-122	1	
BIKANER	28 00 N	73 18 E	224	31	974.7	999.2	31.7	+ 0.4	30.2	+2.9	6	63	- 41	2	
NEW DELHI/SAFDARJUNG	28 35 N	77 12 E	216	31	974.9	998.8	29.6	- 0.3	30.3	+0.6	12	341	+168	5	103
AGRA	27 10 N	78 02 E	169	31	980.9	999.3	29.5	+ 0.2	30.2	-1.1	13	269	+ 6	3	
DIBRUGARH/MOHANBARI	27 29 N	95 01 E	111	31	988.5	1000.9	28.5	+ 0.4	31.5	-0.3	16	280	-139	1	
JODHPUR	26 18 N	73 01 E	224	31	975.3	999.3	28.9	- 0.3	28.5	+0.5	10	119	- 27	3	
LUCKNOW/AMAUSI	26 45 N	80 53 E	128			U									
DHUBRI	26 01 N	89 59 E	35	31	994.5	1000.5	29.1	+ 0.6	32.7	-0.2	14	155	-108	1	
GAUHATI	26 06 N	91 35 E	54	31	994.5	1000.5	29.1	+ 0.6	32.7	-0.2	14	155	-108	1	
KOTA AERODROME	25 09 N	75 51 E	274	31	969.2	999.5	28.0	- 0.5	28.9	+0.8	18	274	- 20		
ALLAHABAD/BAMHRAULI	25 27 N	81 44 E	98	31	987.4	998.3	29.1	0.0	33.0	+0.3	15	185	-148	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															
INDIA															
CHERRAPUNJI	25 15 N	91 44 E	1313	31	862.9	1443 Y	20.7	+ 0.2	23.1	+0.8	25	1070	-757	1	
AHMADABAD	23 04 N	72 38 E	55	31	996.0	1002.3	26.3	- 2.0	30.5	+0.8	24	470	+257	5	65
SAGAR	23 51 N	78 45 E	551	31	939.0	999.6	24.1	- 1.2	27.2	-0.7	20	466	+ 48	4	
DWARKA	22 22 N	69 05 E	11	31	1000.7	1002.0	26.5	- 1.2	30.7	+0.4	22	141	+ 64	5	
INDORE	22 43 N	75 48 E	567	31	939.4	1001.9	23.8	- 1.3	25.8	-0.1	20	640	-373	5	
CALCUTTA/ALIPORE	22 32 N	88 20 E	6	31	998.5	999.1	29.1	0.0	33.0	-0.5	22	463	+157	5	52
CALCUTTA/DUM DUM	22 39 N	88 27 E	6			U									
NAGPUR/SONEGAON	21 06 N	79 03 E	310	31	966.9	1001.5	26.1	- 1.0	26.9	-1.2	16	238	- 50	2	79
VERAVAL	20 54 N	70 22 E	8	31	1001.9	1002.9	26.6	- 0.5	31.9	0.0	20	125	- 45	2	
AKOLA	20 42 N	77 02 E	282	31	971.0	1002.3	26.5	- 0.6	26.2	-0.2	12	125	- 45	2	
BHUBANESWAR	20 15 N	85 50 E	46	31	994.9	999.9	28.1	- 0.2	32.1	-0.2	21	581	+256		
BOMBAY/SANTACRUZ	19 07 N	72 51 E	14			U									
JAGDALPUR	19 05 N	82 02 E	553	31	941.6	1002.1	24.9	- 0.4	27.0	+0.5	17	322	- 58	2	
BOMBAY/COLABA	18 54 N	72 49 E	11	31	1004.1	1005.3	27.0	- 0.1	29.9	-0.2	23	155	- 64	1	73
POONA	18 32 N	73 51 E	559	31	943.5	1005.1	23.7	- 0.8	23.3	-1.2	16	50	- 56	1	74
HYDERABAD AIRPORT	17 27 N	78 28 E	545	31	943.9	1003.5	26.3	+ 0.6	23.5	-1.7	6	125	- 22	3	100
VISHAKHAPATNAM	17 43 N	83 14 E	3	31	1001.1	1001.5	29.8	+ 0.3	29.2	-5.3	8	130	+ 31	4	
MASULIPATNAM	16 11 N	81 08 E	3	31	1003.0	1003.3	30.3	+ 1.2	27.3	-2.6	8	36	-116	1	
GOA/PANJIM	15 29 N	73 49 E	60	31	1000.7	1007.5	26.5	- 0.1	29.5		29	423	- 33	3	
BELGAUM/SAMRA	15 51 N	74 37 E	747	31	924.9	1006.9	22.5	- 0.2	23.2	-0.3	19	77	- 96		
MADRAS/MINAMBAKKAM	13 00 N	80 11 E	16	31	1003.3	1005.0	31.1	+ 1.0	25.9	-1.8	7	39	- 85	1	138
PANAMBUR	12 57 N	74 50 E	31			U									
BANGALORE	12 58 N	77 35 E	921	31	907.1	1483 Y	23.6	+ 0.3	20.2	-0.8	7	45	-102	1	111
KOZHIKODE	11 15 N	75 47 E	5	31	1009.3	1009.9	25.9	- 0.2	25.7	-0.2	21	422	+ 17	4	
PORT BLAIR	11 40 N	92 43 E	79	31	998.2	1007.0	27.0	+ 0.4	29.5	-0.8	13	151	-297		130
COCHIN/ERNAKULAM	09 56 N	76 14 E	3			U									
PAMBAN	09 16 N	79 18 E	11	31	1005.5	1006.8	29.6	+ 0.7	29.8	-1.4	4	14	+ 2	4	
MINICOY	08 18 N	73 00 E	2	31	1009.7	1009.9	27.9	+ 0.6	28.6	-1.5	8	96	-104	2	
TRIVANDRUM	08 29 N	76 57 E	64	31	1002.0	1009.3	27.1	+ 0.8	27.1	-1.0	7	21	-143	0	
MONGOLIA															
ULAN-GOM	49 48 N	92 05 E	936		904.3	1009.1	15.6		10.6		4	26			
ULGI	48 58 N	89 58 E	1714		823.9	1007.1	13.7		11.9		6	16			
MUREN	49 38 N	100 10 E	1288		872.7	1015.6	12.5		9.1		22	69			
BULGAN	48 48 N	103 33 E	1210		871.7	1008.5	12.5		11.4		23	150			
CHOIBALSAN	48 04 N	114 30 E	756		923.0	1010.1	17.2		14.4		4	143			
ALTAI	46 24 N	96 15 E	2147		779.9	1008.0	6.6		8.6		10	85			
ULIASTAI	47 45 N	96 51 E	1753		817.8	1005.6	11.5		7.4		8	65			
ARBAIHER	46 16 N	102 47 E	1813		813.6	1007.8	12.4		6.0		11	58			
ULAN-BATOR	47 56 N	106 59 E	1338		864.0	1007.4	13.6		10.4		14	134			
MANDALGOVI	45 46 N	106 17 E	1398		851.2	1003.9	16.1		9.6		6	45			
SAINSHAND	44 54 N	110 07 E	936		900.9	1000.8	21.7		12.8		11	57			
DALANZADGAD	43 35 N	104 25 E	1470		847.4	1003.8	18.4		9.2		6	12			
BURMA															
MEIKTILA	20 50 N	95 50 E	220			U									
THAILAND															
UBON RATCHATHANI	15 15 N	104 53 E	127			U									
MALAYSIA															
PENANG/BAYAN LEPAS	05 18 N	100 16 E	4	31	1008.3	1008.7	26.9	+ 0.2	30.9	+1.5	9	115	-106	1	100
KOTA BHARU	06 10 N	102 17 E	5	31	1007.7	1008.3	26.8	0.0	30.1	+1.0	11	112	- 69	2	105
KUALA LUMPUR/SUBANG	03 07 N	101 33 E	17	31	1007.5	1010.1	26.7	+ 0.3	28.3	-0.4	10	139	- 21	3	115
KUALA LUMPUR/PETALING JAYA	30 06 N	101 39 E	57			U									
KUANTAN	03 47 N	103 13 E	16	31	1007.0	1008.8	26.5	+ 0.4	28.9	+0.1	10	141	- 26	2	105
MALACCA	02 16 N	102 15 E	11	31	1008.2	1009.2	26.6	+ 0.4	29.7	+0.3	12	133	- 50	2	105
KUCHING	01 29 N	110 20 E	27	31	1006.2	1008.8	26.4	+ 0.4	28.8	+0.4	14	195	- 25	2	110
KOTA KINABALU	05 57 N	116 03 E	7	31	1007.7	1008.0	27.5	+ 1.0	28.6	+0.6	14	170	-102	1	95
SINGAPORE															
SINGAPORE/PAYA LEBAR	01 22 N	103 55 E	32	31	1007.2	1009.0	27.3		30.5		11	103		1	102
PHILIPPINES															
BASCO	20 27 N	121 58 E	11	31	1000.0	1001.2	28.5	+ 0.6	35.7	+4.0	26	611	+257	4	
APARRI	18 22 N	121 38 E	4	31	1002.3	1002.6	28.5	0.0	31.7	+1.9	17	242	- 17	4	
MANILA INT. AIRPORT	14 31 N	121 00 E	15	31	1004.0	1005.2	27.4	- 0.1	29.8	0.0	30	566	+146	4	
TAYABAS	14 02 N	121 35 E	158	31	984.3	1000.9	23.9	- 2.9	29.8	0.0	17	241	+ 49		
DAET	14 08 N	122 59 E	4	31	1004.0	1004.5	28.4	+ 0.3	29.8	0.0	22	143	-133	1	
CALAPAN	13 25 N	121 11 E	40	31	1001.2	1005.7	27.0	- 0.4			15	237	+ 4		
LEGASPI	13 08 N	123 44 E	19	31	1003.4	1005.3	27.5	- 0.2	29.8	0.0	21	359	+ 76	5	
ROMBLON	12 35 N	122 16 E	47	31	1000.6	1006.0	27.9	+ 0.1	31.7	+1.9	20	234	- 24		
CATARMAN	12 29 N	124 38 E	6	31			27.8	+ 0.2			18	193	+ 15		
CATBALOGAN	11 47 N	124 53 E	5	31	1005.7	1006.3	28.7	+ 0.4			13	191	- 73	3	
TACLOBAN	11 15 N	125 00 E	21	31	1005.8	1006.1	28.1	0.0	31.7	+1.9	11	89	- 40	2	
ILOILO	10 42 N	122 34 E	14	31	1006.8	1007.7	27.9	+ 0.7	31.7	+1.9	25	506	+173	5	
CEBU	10 20 N	123 54 E	35	31			28.5	+ 0.9	29.8	+1.7	11	82	-108	1	
MACTAN	10 18 N	123 58 E	9	31	1004.5	1005.9	27.3	- 1.3	29.8	0.0	9	138	- 6	2	
DIPLOG	08 36 N	123 21 E	5	31	1007.7	1008.3	28.3	+ 0.6			15	154	- 81	2	
TAGBILARAN	09 36 N	123 51 E	6	31	1006.5	1007.2	28.6	+ 0.3			13	74	- 36		
CAGAYAN DE ORO	08 29 N	124 38 E	6	31	1006.3	1007.0	28.1	+ 0.6	31.7	+3.6	9	13	-194		
DAVAO AIRPORT	07 07 N	125 39 E	25	31	1005.7	1007.7	27.2	+ 0.1			13	51	-102		

SURFACE DATA

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
PHILIPPINES															
ZAMBOANGA	06 54 N	122 04 E	6	31	1008.1	1008.8	27.9	+ 1.0	29.8	+1.7	16	257	+110	3	
AUSTRALASIA															
INDONESIA															
MEDAN/POLONIA	03 34 N	98 41 E	25	31	1005.3	1008.5	26.9		28.0		16	49	-158		
GUNUNG SITOLI/BINAKA	01 16 N	97 37 E	6	31	1009.6	1010.5	24.8		27.5		27	280			
TANJUNGPINANG/KIJANG	00 55 N	104 32 E	18	31	1007.9	1010.2	25.7		28.0		11	217		2	
PAKANBARU/SIMPANGTIGA	00 28 N	101 27 E	31	31	1005.0	1008.9	26.3		27.8		11	129	- 40		
TAREMPA	03 12 N	106 15 E	3	31	1005.4	1005.9	28.4		29.6		7	29	-121		
PALEBANG/TALANGBETUTU	02 54 S	104 42 E	10	31	1008.5	1010.0	27.3		29.0		8	197	+ 77		
PANGKALPINANG	02 10 S	106 08 E	33	31	1005.1	1009.3	26.5		27.5		17	157	+ 35		
BENGKULU/PADANGKEMILING	03 52 S	102 20 E	16	31	1007.4	1009.5	25.8		28.2		17	152	- 41		
TELUKBETUNG/BERANTI	05 16 S	105 11 E	96	31	1000.0	1010.0	24.0		26.2		8	2	- 98		
TARAKAN/JUWATA	03 20 N	117 34 E	6	31	1007.4	1007.9	26.9		29.0		14	547	+231		
SERUI/YENDOSA	01 52 S	136 14 E	3	31	1007.7	1008.4	25.9		30.8		18	326	+ 4		
PONTIANAK/SUPADIO	00 01 S	109 23 E	0	31	1007.9	1008.8	26.7		29.9		5	5	-171		
KETAPANG/RAHADI USMAMAN	01 51 S	109 58 E	9	31	1009.0	1010.4	26.3		28.1		1	4			
BALIKPAPAN/SEPINGGAN	01 16 S	116 54 E	3	31	1009.2	1009.7	26.2		30.0		15	254	- 14		
PANGKALAN BUN/ISKANDAR	02 42 S	110 42 E	25	31	1006.8	1009.9	25.6		26.0		8	77			
PALANGKA RAYA	01 00 S	114 00 E		31	1007.6	1010.8	26.4		27.7		11	119			
KOTABARU	03 24 S	116 13 E	18	31	1009.4	1010.0	25.7		29.4		8	106			
CURUG/BUDIARTO	06 14 S	106 39 E	46	31	1005.5	1011.0	26.3		26.7		11	197	+122		
JAKARTA/KEMAYORAN	06 09 S	106 51 E	5	31	1009.7	1010.4	27.2		27.5		3	73	+ 21		
JAKARTA/OBS	06 11 S	106 50 E	8	31	1009.1	1010.1	27.1		26.3		6	84	+ 32		
JAKARTA HALIM PERDANAKUSUMA	06 15 S	106 54 E	30	31	1007.3	1010.4	26.6		27.1		7	123	+ 42		
JATIWANGI	06 45 S	108 16 E	50	31	1004.2	1010.3	26.8		25.4		5	103	+ 15		
TEGAL	06 51 S	109 09 E	10	31	1010.5	1011.2	26.7		26.6		5	67	+ 22		
CILACAP	07 44 S	109 01 E	6	31	1011.2	1012.3	25.7		27.5		13	59	-141		
SEMARANG	06 58 S	110 25 E	3	31	1009.6	1010.2	27.4		25.6		6	13			
SEMARANG/AHMADYANI	06 59 S	110 23 E	3	31	1009.8	1010.5	27.3				7	25	- 52		
SURABAYA/JUANDA	07 22 S	112 46 E	3	31	1009.8	1010.9	27.0		25.5			0			
KALIANGETIMADURAI	07 03 S	113 58 E	3	31	1009.2	1009.5	27.5		27.1			0			
SURABAYA	07 13 S	113 43 E	3	31	1010.0	1010.7	27.9		25.6		1	11			
SURABAYA/PERAK	07 13 S	112 43 E	3	31	1009.9	1010.6	27.5		25.9		1	10	- 14		
MENADO/DR SAM RATULANGI	01 32 N	124 55 E	80	31	1000.6	1010.1	26.6		25.7		9	233	+ 63		
GORONTALO/JALALUDDIN	00 31 N	123 04 E	2	31	1006.1	1008.5	26.1		26.4		7	47	- 57		
KENDARI/WOLTERMONGINSIDI	04 06 S	122 26 E	50	31	1003.3	1010.9	26.2		32.6		6	82	- 16		
DENPASAR/NGURAH-RAI	08 45 S	115 10 E	1	31	1011.1	1011.8	25.9		27.0		3	61	+ 29		
AMPENAN/REMBIGA	08 34 S	116 04 E	3	31	1009.4	1011.4	25.3		25.4		5	37	- 1		
MAUMERE/WAI OTI	08 38 S	122 15 E	3	31	1008.4	1011.5	26.3					0	- 18		
WAINGAPU/MAU HAU	09 40 S	120 20 E	12	31	1010.4	1011.9	25.2		23.3		11	32	+ 27		
KUPANG/PENFUI	10 10 S	123 40 E	108	31	998.3	1010.0	25.7		22.0			0	- 2		
TEFMAN	00 56 S	131 07 E	3	31	1009.3	1010.0	26.7		30.0		16	270	- 6		
BIAK/MOKMER	01 11 S	136 07 E	11	31	1008.0	1009.4	26.5		29.5		14	201	-162		
SANANA	02 05 S	126 00 E	2	31	1010.6	1011.1	25.9		27.7		8	205	+103		
AMBON	03 42 S	128 05 E	12	31	1009.1	1010.5	27.0				20	535	+ 34		
AMAHAI	03 21 S	128 53 E	10	31	1009.5	1011.0	24.2		26.7		24	595			
SAUMLAKI	07 59 S	131 18 E	24	31	1009.9	1012.9	25.7		27.7		2	5	- 7		
PAPUA NEW GUINEA															
MOMOTE M.O.	02 04 S	147 26 E	5		1008.9	1009.5	27.2	+ 0.2	29.7		17	234		2	
RABAUL M.O.	04 13 S	152 11 E	9		1008.4	1009.4	27.7	+ 0.7	27.6		8	40		1	
MADANG	05 13 S	145 48 E	12		1009.3	1009.9	26.4	+ 0.3	28.9		9	118		3	99
PORT MORESBY AIRPORT	09 26 S	147 13 E	47		1004.2	1009.6	26.4		25.6		3	31		4	100
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1011.9	1012.9	22.0	- 0.7	11.9	-0.2	0	0	- 1	2	
PORT HEDLAND	20 23 S	118 37 E	11		1013.3	1014.0	20.7	- 0.2	8.5	-1.4	1	2	- 2	4	
NORTH WEST CAPE	21 49 S	114 10 E	8		1015.4	1016.0	18.2	- 1.3	11.6		2	15			
CARNARVON	24 53 S	113 39 E	4		1016.5	1017.3	16.9	- 0.2	12.1	+0.3	4	21	+ 4	4	
GERALDTON	28 48 S	114 42 E	34		1013.8	1017.9	13.8	- 0.7	11.6	-0.1	10	55	- 10	3	
PERTH AIRPORT	31 56 S	115 58 E	18		1015.9	1017.3	12.9	- 0.2	11.4	+0.2	18	112	- 9	2	92
ALBANY M.O.	34 57 S	117 48 E	69		1005.3	1013.6	11.7	+ 0.2	10.4	-0.2	21	152	+ 39	4	
ESPERANCE M. O.	33 49 S	121 53 E	25		1010.4	1013.5	12.6	- 0.4	10.7	+0.3	15	145	+ 49	5	
HALLS CREEK	18 14 S	127 40 E	408		964.9	1013.2	22.9	+ 0.7	7.2		0	T		4	
GILES	25 02 S	128 18 E	599		947.1	1015.7	15.0	+ 0.1	5.6	-0.4	1	1	- 14		100
MEEKATHARRA	26 35 S	118 30 E	518		956.9	1016.9	13.9	- 0.7	7.3	-0.6	3	13	+ 2	4	
KALGOORLIE	30 46 S	121 27 E	360		973.3	1015.7	11.4	- 0.4	9.0	+0.1	4	13	- 7	2	
FORREST	30 50 S	128 06 E	157		995.3	1014.5	12.6	+ 0.5	8.5	-0.4	5	19	- 4	4	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	8		1013.1	1014.1	24.3	+ 0.1	20.4	-1.3	1	2	- 22	1	
THURSDAY ISLAND	10 35 S	142 13 E	61		1005.0	1012.0	25.4	+ 0.1	24.7	+0.2	2	3	- 5	2	
DARWIN AIRPORT	12 26 S	130 52 E	29		1008.8	1012.2	26.2	+ 0.3	22.9	+2.3	2	45	+ 41	5	95
TENNANT CREEK M.O.	19 33 S	134 11 E	376		971.4	1014.5	21.1	+ 0.1	6.4	-0.6	2	6	+ 3	5	101
ALICE SPRINGS	23 48 S	133 53 E	549		952.9	1016.4	14.5	+ 0.3	6.4	-0.1	2	6	- 6	4	104
MT. ISA M.O.	20 40 S	139 29 E	340		975.4	1015.0	18.7	+ 0.1	8.7	+2.3	0	T			103
LONGREACH M. O.	23 26 S	144 15 E	193		993.3	1016.0	16.6	- 2.0	8.6	+0.5	1	2	- 10	2	
CHARLEVILLE	26 25 S	146 17 E	304		981.1	1016.9	13.5	- 0.1	8.1	-0.1	2	4	- 17	2	
CAIRNS	16 55 S	145 44 E	7		1013.7	1014.5	21.9	- 0.1	18.1	+0.1	2	4	- 22	1	
TOWNSVILLE	19 16 S	146 46 E	6		1015.0	1015.7	20.5	+ 0.2	15.5	-0.3	1	6	- 5	4	107

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		%
AUSTRALASIA															
AUSTRALIA-NORTHEASTERN															
MACKAY	21 07 S	149 10 E	31		1012.4	1016.1	18.7	+ 0.6	15.7	-0.3	0	1	- 35	1	
GLADSTONE	23 51 S	151 16 E	76		1007.5	1016.5	19.3	+ 0.3	13.3	-0.2	1	4	- 29	2	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1014.8	1015.5	15.5	- 0.5	10.4	-0.6	3	23	- 25	3	118
AUSTRALIA-SOUTHEASTERN															
OODNADATTA	27 33 S	135 27 E	113		1002.6	1016.6	15.3	+ 0.9	6.7	-0.5	1	1	- 8	2	113
WOOMERA	31 09 S	136 48 E	166		995.2	1015.2	13.0	+ 0.5	8.6	+0.2	1	10	- 5	3	112
MOREE	29 28 S	149 51 E	212		990.9	1016.3	12.1	- 0.2	9.3	-0.3	4	21	- 12	3	
COFF S HARBOUR	30 18 S	153 08 E	5		1013.5	1014.1	13.9	+ 0.1	9.4	-2.3	0	T		1	111
COBAR M.O.	31 29 S	145 50 E	265		948.0	1015.5	11.8		8.5	+0.1	5	19		3	
MILDURA	34 14 S	142 05 E	53		1006.7	1013.1	11.5	+ 0.3	9.5	+0.5	9	53	+ 24	5	
WAGGA	35 10 S	147 28 E	214		987.9	1013.5	9.5	+ 0.6	9.4	+0.7	12	101	+ 49	5	
CANBERRA	35 18 S	149 12 E	577		944.3	1012.4	7.3	+ 0.5	7.3		6	59	+ 12	4	110
CEDUNA	32 08 S	133 42 E	17		1012.1	1014.1	12.7	+ 0.5	9.9	+0.4	11	41	+ 2	3	98
ADELAIDE AIRPORT	34 57 S	138 32 E	11		1011.7	1012.2	12.1	+ 0.5	10.6	+0.7	16	79	+ 31	5	89
MT. GAMBIER M.O.	37 45 S	140 47 E	69		1001.5	1009.8	10.5	+ 1.0	10.4	-0.6	23	145	+ 53	5	82
LAVERTON AIRPORT	37 52 S	144 45 E	14		1008.9	1010.6	10.9	+ 0.9	9.4	+0.1	12	40	- 6	3	113
EAST SALE	38 06 S	147 08 E	8		1008.9	1009.9	9.9	+ 0.4	9.4	+0.2	10	42	- 11	3	97
SYDNEY AIRPORT	33 57 S	151 11 E	8		1011.6	1012.1	13.7	+ 1.0	8.7	-1.2	3	11	- 73	1	119
WILLIAMTOWN	32 49 S	151 50 E	9		1011.7	1013.0	12.9	+ 0.3	9.3	-0.6	3	10	- 89	1	120
HOBART AIRPORT	42 50 S	147 30 E	7		1005.1	1005.5	9.1	+ 0.4	8.7	+0.6	9	99	+ 55	5	79
NEW ZEALAND															
KAITAIA AERODROME	35 04 S	173 17 E	80	31	1005.4	1014.8	12.5		12.3		17	123		2	92
AUCKLAND AERODROME	37 01 S	174 48 E	6	31	1014.6	1015.4	12.3		11.9		15	113		3	94
GISBORNE AERODROME	38 40 S	177 59 E	8	31	1015.8	1016.8	10.6		9.8		10	91		3	97
NEW PLYMOUTH AERODROME	39 01 S	174 11 E	36	31	1014.6	1018.4	10.9		10.9		16	91		1	83
WELLINGTON	41 17 S	174 46 E	128	31	997.6	1013.3	10.1		9.4		8	77		2	113
CHRISTCHURCH AERODROME	43 29 S	172 32 E	34	31	1007.0	1011.3	8.6		8.4		6	21		2	105
HOKITIKA AERODROME	42 43 S	170 59 E	40	31	1006.7	1012.1	10.0		9.3		14	182		2	72
INVERCARGILL AERODROME	46 25 S	168 20 E	1	31	1009.1	1009.3	7.2		7.9		9	92		5	102
NORTH PACIFIC															
LIHUE, KAUAI, HAWAII	21 59 N	159 21 W	45	31	1011.2	1016.4	26.9	+ 0.7	22.8		6	18	- 29	1	127
HONOLULU, OAHU, HAWAII	21 21 N	157 56 W	5	31	1014.9	1015.5	27.6	+ 0.4	21.7		0	1	- 14	1	105
HILO/GEN. LYMAN, HAWAII	19 43 N	155 04 W	11	31	1014.9	1016.3	24.1	- 0.3	22.3		21	238	- 17		111
WAKE ISLAND	19 17 N	166 39 E	4	31	1012.2	1012.6	29.9	+ 1.8	29.5		9	41	- 98	1	99
JOHNSTON ISLAND	16 44 N	169 31 W	5	31	1012.2	1012.7	28.0	+ 0.7	7.4		9	75	+ 21	4	106
GUAM, TAGUAC, MARIANA IS.	13 33 N	144 50 E	111	31	997.0	1009.5	25.6	- 0.6	29.3		20	611	+257	5	26
YAP, CAROLINE ISLANDS	09 29 N	138 05 E	17	31	1006.8	1008.7	27.0	- 0.1	30.7		29	389	+ 18	3	49
KWAJALEIN, MARSHALL IS.	08 43 N	167 44 E	8	31	1008.8	1009.8	27.7	0.0				192	- 70		
TRUK, CAROLINE ISLANDS	07 28 N	151 51 E	2	31	1009.1	1009.5	27.6	+ 0.3	29.7		22	378	+ 21	4	53
KOROR, PALAU ISLANDS	07 20 N	134 29 E	33	31	1005.4	1009.2	27.2	- 0.2	29.8		18	444	+ 58	4	50
MAJURO, MARSHALL ISLANDS	07 05 N	171 23 E	3	31	1009.5	1009.9	27.3	- 0.1	28.5		20	234	- 61		97
PONAPE, CAROLINE ISLANDS	06 58 N	158 13 E	46	31	1003.7	1008.8	27.3	+ 0.5	25.9		19	292	-143	1	88
TARAWA, GILBERT ISLANDS	01 21 N	172 55 E	4	31	1006.7	1007.7	27.4		29.9		8	114		4	
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1008.7	1009.7	26.0	+ 0.1	25.0	-1.6	6	31		1	122
FUNAFUTI, ELLICE IS.	08 31 S	179 13 E	2	31	1009.3	1009.5	27.5		30.5		20	417		5	
ATUONA, MARQUESAS ISLAND	09 48 S	139 02 W	52	31	1006.0	1012.0	25.1		25.5		24	258		6	17
HIHIFO/AERO/WALLIS IS.	13 14 S	176 10 W	27	31	1008.3	1011.4	25.9	- 0.3	27.3	-0.3	11	106	- 12	2	87
APIA, SAMOA	13 48 S	171 47 W	2	31	1010.9	1011.2	25.5		26.5		13	158		4	93
PAGO PAGO, SAMOA	14 20 S	170 43 W	3	31	1012.2	1012.5	26.6	+ 0.7	27.6			108	- 72	2	66
RANGIROA	14 58 S	147 40 W	4	31	1013.2	1013.6	25.9		25.0		7	34		1	18
TAKAROA, TUAMOTU IS.	14 29 S	145 02 W	3	31	1012.9	1013.2	26.0		27.5		13	78		3	19
PUKA-PUKA, TUAMOTU IS.	14 48 S	138 49 W	3	31	1013.1	1013.5	25.9		27.0		15	127		5	20
HAO, TUAMOTU IS.	18 04 S	140 57 W	3	31	1014.8	1015.2	24.5		22.8		6	42		2	19
HEREHERETUE, TUAMOTU IS.	19 52 S	145 00 W	3	31	1015.2	1015.6	23.7		21.4		6	26		1	21
BORA-BORA, SOCIETY IS.	16 29 S	151 45 W	3	31	1013.4	1013.7	25.4		26.1		7	78		6	19
TAHITI, SOCIETY IS.	17 33 S	149 37 W	2	31	1013.9	1014.2	24.3		23.0		4	26		4	22
VILA, NEW HEBRIDES	17 45 S	168 19 E	20			1013.1	22.6		22.6		7	335			
NADI, FIJI IS.	17 45 S	177 27 E	18	31	1010.5	1012.6	22.6		20.9		5	52		4	101
NAUSORI	18 03 S	178 34 E	5	31	1011.2	1012.5	22.5		23.0		13	148		4	
KOUMAC/NOUVELLE-CALEDONIE	20 34 S	164 17 E	18	31	1012.1	1014.2	20.5	+ 0.5	18.1	+0.5	2	5	- 41	1	110
NOUMEA/NOUVELLE-CALEDONIE	22 16 S	166 27 E	72	31	1006.4	1014.9	20.2	+ 0.5	17.1	+0.1	8	44	- 25	2	123
RAROTONGA, COOK IS.	21 12 S	159 49 W	7	31	1014.4	1015.2	21.5		20.5		5	146		4	97
ANEITYUM/NEW HEBRIDES IS.	20 12 S	169 47 E	10			1014.0	20.8		19.2		7	1000			
TOTEGEGIE, GAMBIER IS.	23 06 S	134 52 W	3	31	1006.8	1017.1	19.9		17.7		8	240			
MUROROA	21 49 S	138 49 W	3	31	1016.4	1016.8	22.5		20.1		8	74		4	19
TUBAI, AUSTRAL IS.	23 21 S	149 29 W	3	31	1016.1	1016.4	20.4		18.7		11	179		3	23
RAPA, AUSTRAL IS.	27 37 S	144 20 W	6	31	1017.0	1017.3	17.1		14.5		13	210		3	23
NORFOLK ISLAND	29 03 S	167 56 E	109		1002.3	1015.2	16.7	+ 1.0	15.2	+1.2	17	88		2	105
LORD HOWE ISLAND	31 32 S	159 04 E	11		1007.5	1013.0	16.3	+ 0.4	14.0	+0.5	16	223		5	
CHATHAM ISLAND	43 57 S	176 34 W	48	31	1008.7	1014.6	8.2		9.6		17	123		5	96
CAMPBELL ISLAND	52 33 S	169 09 E	19	31	1005.8	1007.1	5.6		8.1		17	99		3	39
MACQUARIE ISLAND	54 30 S	158 57 E	5		1002.9	1003.6	3.2	- 0.1	7.6		18	135		6	61
COCOS ISLAND AP	12 11 S	96 49 E	3		1011.1	1011.4	26.3	+ 0.5	27.2	+1.5	15	218		4	
OCEAN SHIPS STATIONS															

SURFACE DATA

AUGUST 1984

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	NO. OF DAYS ≥ MM.	TOTAL	DEPARTURE	QUINTILE	PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
OCEAN SHIPS															
OCEAN SHIPS															
SHIP R	47 00 N	17 00 W			1021		18.5 S18.7		18.7						

SURFACE DATA LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
JANUARY 1984															
EUROPE															
GREECE															
KERKYRA	39 37 N	19 55 E	2	31	1015.3	1015.9	10.8	+ 0.7	10.2	+0.3	14	141	- 76	2	33
KALAMATA	37 04 N	22 01 E	8	31	1015.7	1017.1	10.3	- 0.8	10.1	+0.9	10	100	- 60	1	
THESSALONIKI/MIKRA	40 31 N	22 58 E	4	31	1016.5	1017.2	6.4	+ 0.9	7.3	-0.2	6	36	- 10	3	
LARISSA	39 38 N	22 25 E	74	31	1007.1	1016.2	6.2	+ 1.1	7.4	+0.5	5	27	- 22	2	44
ATHINAI /NAT. OBS./	37 58 N	23 43 E	107	31	1001.1	1014.1	14.0	+ 4.7	9.2	+1.2	4	34	- 28	2	60
ATHENS/HELLINIKON	37 54 N	23 44 E	15	31	1015.0	1016.9	10.9	+ 0.7	9.4	+0.2	5	44	- 12	2	
SOUDA/CRETE	35 33 N	24 07 E	151	31	998.8	1017.2	11.3	+ 0.5	9.7	0.0	10	97	- 59	1	
HIRAKLION/CRETE	35 20 N	25 11 E	39	31	1012.4	1017.3	12.3	+ 0.3	9.6	-0.3	5	36	- 58	1	51
AFRICA															
TUNISIA															
TUNIS CARTHAGE	36 50 N	10 14 E	4	31	1019	1019	11.1	0.0	10.8	+0.5	7	37	- 33	2	
FEBRUARY 1984															
EUROPE															
GREECE															
KERKYRA	39 37 N	19 55 E	2	29	1014.2	1014.7	10.7	+ 0.2	10.6	+1.4	16	245	+116	5	24
KALAMATA	37 04 N	22 01 E	8	29	1014.8	1016.1	10.0	- 1.5	9.8	-0.1	13	131	+ 44	5	
THESSALONIKI/MIKRA	40 31 N	22 58 E	4	29	1018.4	1019.1	7.3	+ 0.1	8.4	+1.3	9	42	+ 9	4	
LARISSA	39 38 N	22 25 E	74	29	1008.4	1017.6	7.1	0.0	8.6	+0.6	8	27	- 13	2	10
ATHINAI /NAT. OBS./	37 58 N	23 43 E	107	29	1001.5	1014.3	10.3	+ 0.4	9.3	+0.8	6	34	- 3	3	48
ATHENS/HELLINIKON	37 54 N	23 44 E	15	29	1015.3	1017.2	10.8	- 0.2	9.3	0.0	5	46	+ 9	4	
SOUDA/CRETE	35 33 N	24 07 E	151	29	998.0	1016.4	11.5	+ 0.4	10.0	+0.4	15	231	+117	5	
HIRAKLION/CRETE	35 20 N	25 11 E	39	29	1011.5	1016.4	12.4	- 0.1	9.8	-0.7	11	59	+ 12	3	42
AFRICA															
TUNISIA															
TUNIS CARTHAGE	36 50 N	10 14 E	4	29	1015	1016	10.4	- 1.4	9.6	-0.8	9	65	+ 15	4	
ETHIOPIA															
DIRE DAWA	09 36 N	41 52 E	1146	29	885.8		21.0		9.3		0	0			120
NEGHELLI	05 17 N	39 45 E	1455	29			20.1		14.0		0	0			
MARCH 1984															
EUROPE															
ITALY															
CATANIA/FONTANAROSSA	37 28 N	15 03 E	17	31	1010	1012	11.2	- 0.7	10.3	-0.7	5	25	- 40	2	
GREECE															
KERKYRA	39 37 N	19 55 E	2	31	1010.4	1011.0	11.4	- 0.6	10.1	-0.2	12	100	+ 9	4	43
KALAMATA	37 04 N	22 01 E	8	31	1010.3	1011.6	11.6	- 1.2	10.0	+2.0	10	66	- 1	3	
THESSALONIKI/MIKRA	40 31 N	22 58 E	4	31	1012.6	1013.3	8.8	- 0.9	8.2	-0.3	9	51	+ 15	4	
LARISSA	39 38 N	22 25 E	74	31	1003.0	1012.1	8.5	- 0.7	8.6	+0.1	8	43	- 5	3	28
ATHINAI /NAT. OBS./	37 58 N	23 43 E	107	31	996.6	1009.3	10.8	- 0.5	9.7	+0.5	9	85	+ 48	5	38
ATHENS/HELLINIKON	37 54 N	23 44 E	15	31	1010.4	1012.3	11.4	- 1.0	9.8	0.0	7	77	+ 38	5	
SOUDA/CRETE	35 33 N	24 07 E	151	31	993.4	1011.7	12.6	- 0.1	10.1	-0.1	11	81	+ 5	4	
HIRAKLION/CRETE	35 20 N	25 11 E	39	31	1006.9	1011.8	13.4	- 0.3	10.1	-1.1	9	81	+ 37	5	47
AFRICA															
TUNISIA															
TUNIS CARTHAGE	36 50 N	10 14 E	4	31	1013	1013	12.2	- 1.3	10.5	-0.9	6	29	- 14	2	
ETHIOPIA															
GONDER	12 32 N	37 26 E	1966	28	804.3		22.5		8.4		1	5			
DIRE DAWA	09 36 N	41 52 E	1146	31	884.2		26.5		11.5		2	15			124
GORE	08 10 N	35 33 E	1974	31			20.7		13.0		7	83			
NEGHELLI	05 17 N	39 45 E	1455	31			20.8		15.4		2	9			
APRIL 1984															
EUROPE															
ITALY															
CATANIA/FONTANAROSSA	37 28 N	15 03 E	17	30	1011	1013	13.7	- 0.6	12.0	-0.7	6	42	+ 6	4	
GREECE															
KERKYRA	39 37 N	19 55 E	2	30	1010.9	1011.5	14.2	- 1.1	12.8	+0.8	10	73	+ 3	3	42
KALAMATA	37 04 N	22 01 E	8	30	1010.9	1012.2	13.6	- 2.5	11.6	-1.1	9	85	+ 45	5	
THESSALONIKI/MIKRA	40 31 N	22 58 E	4	30	1013.0	1013.6	12.6	- 2.1	9.8	-2.2	10	76	+ 39	5	
LARISSA	39 38 N	22 25 E	74	30	1003.6	1012.5	11.5	- 3.2	10.5	-1.5	10	75	+ 37	5	35
ATHINAI /NAT. OBS./	37 58 N	23 43 E	107	30	997.4	1010.0	13.4	- 1.9	10.6	+0.3	11	116	+ 93	6	42
ATHENS/HELLINIKON	37 54 N	23 44 E	15	30	1010.8	1012.8	14.0	- 2.3	10.9	-0.8	8	113	+ 97	6	
SOUDA/CRETE	35 33 N	24 07 E	151	30	993.9	1012.1	14.2	- 1.5	11.7	0.0	9	69	+ 30	5	

SURFACE DATA LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
APRIL 1984															
EUROPE															
GREECE															
HIRAKLION/CRETE	35 20 N	25 11 E	39	30	1007.1	1011.9	15.3	- 1.5	11.2	-0.4	7	56	+ 27	4	52
AFRICA															
TUNISIA															
TUNIS CARTHAGE	36 50 N	10 14 E	4	30	1013	1014	15.0	- 0.9	11.8	-1.3	5	33	- 10	3	
ETHIOPIA															
ASMARA	15 17 N	38 55 E	2325	30	770.8		17.0		10.0		4	65			98
COMBOLCHA	11 05 N	39 43 E	1916	30	815.3		20.0		9.1		1	19			128
ADDIS ABABA	08 59 N	38 48 E	2408	30	768.6		19.9				2	8			144
DIRE DAWA	09 36 N	41 52 E	1146	30	883.7		27.9		12.2		2	27			144
MAY 1984															
NORTH AMERICA															
GUATEMALA															
LABOR OVALLE	14 51 N	91 30 W	2376	31	770.7	1015.6	13.5	- 1.1	13.5	+1.1	16	202	+ 86	4	72
GUATEMALA/LA AURORA AP	14 35 N	90 31 W	1489	31	854.1	1013.6	18.8	- 1.1	18.9	+1.3	17	152	+ 25	8	86
LA FRAGUA	14 58 N	89 32 W	425	31	985.2	1008.8	26.7	- 2.3	26.8	0.0	10	111	+ 8		79
HUENUETENANGO	15 19 N	91 28 W	1901	31	819.5	1016.8	19.1	+ 0.3	17.1	+1.6	22	212	+ 84		72
COBAN	15 29 N	90 19 W	1316	31	869.3	1011.4	19.5	+ 0.1	20.7	-1.8	18	266	+101		72
EUROPE															
POLAND															
GDYNIA	54 31 N	18 33 E	5												71
POZNAN-LAWICA	52 25 N	16 50 E	92												64
WARSZAWA-BIELANY	52 17 N	20 50 E													75
BIALYSTOK	53 06 N	23 10 E	151												75
WROCLAW II-STRACHOWICE	51 06 N	16 53 E	124												71
KRAKOW/BALICE	50 05 N	19 48 E	237												71
ITALY															
CATANIA/FONTANAROSSA	37 28 N	15 03 E	17	31	1005	1007	17.8	- 0.5	14.9	-0.5	2	9	- 18	2	
GREECE															
KERKYRA	39 37 N	19 55 E	2	31	1010.9	1011.5	19.4	- 0.2	15.7	-0.7	1	4	- 34	1	58
KALAMATA	37 04 N	22 01 E	8	31	1010.4	1011.7	23.0	+ 3.0	14.2	-2.2	0	1	- 24	1	
THESSALONIKI/MIKRA	40 31 N	22 58 E	4	31	1011.1	1011.7	19.8	- 0.1	13.6	-2.8	2	11	- 28	1	
LARISSA	39 38 N	22 25 E	74	31	1001.9	1010.5	19.3	- 0.8	13.7	-0.3	4	13	- 22	2	70
ATHINAI /NAT. OBS./	37 58 N	23 43 E	107	31	974.2	1009.1	20.7	+ 0.7	12.9	-1.1	0	2	- 21	2	71
ATHENS/HELLINIKON	37 54 N	23 44 E	15	31	1010.1	1011.9	20.5	- 0.4	14.6	+0.4	0	0	- 19	2	
SOUDA/CRETE	35 33 N	24 07 E	151	31	993.8	1011.6	20.2	+ 0.1	12.3	-1.5	1	2	- 11	3	
HIRAKLION/CRETE	35 20 N	25 11 E	39	31	1007.0	1011.7	21.5	+ 1.0	16.1	-1.4	0	1	- 10	1	63
AFRICA															
TUNISIA															
TUNIS CARTHAGE	36 50 N	10 14 E	4	31	1010	1010	19.5	0.0	13.4	-1.7	0	1	- 24	1	
GABON															
BITAM	02 05 N	11 29 E	599	31	943.1	1009.1	23.5	- 1.0	25.7		14	178	- 41		
MITZIC	00 47 N	11 32 E	583	31	944.4	1008.8	23.5	- 0.9	25.5		15	190	- 14		
MAKOKOU	00 34 N	12 52 E	515	31	952.1	1009.0	24.5	- 0.2	26.1		10	203	+ 13		
LASTOURSVILLE	00 50 S	12 43 E	485	31	955.8	1009.3	23.8	- 0.9	25.9		10	332	+150		
LAMBARENE	00 43 S	10 14 E	26	31	1006.8	1009.7	26.3	- 1.3	29.9		11	244	+ 85		
MOUILA	01 52 S	11 01 E	89	31	999.4	1009.6	26.0	- 1.0	29.6		10	227	+ 50		
TCHIBANGA'	02 51 S	11 01 E	79	31	999.5	1008.5	25.9	- 0.9	28.8		14	113	+ 9		
MAYUMBA	03 25 S	10 39 E	34	31	1005.8	1009.9	26.0	+ 1.3	30.5		10	108	+ 22		
PORT-GENTIL	00 42 S	08 45 E	4	31	1009.3	1009.8	26.8	+ 0.3	30.7		8	97	- 78		
LIBREVILLE	00 27 N	09 25 E	15	31	1007.8	1009.5	27.1	+ 0.4	30.6		18	418	+152		
COCOBEACH	01 00 N	09 36 E	13	31	1008.6	1010.1	26.5	0.0	30.4		13	331	- 22		
JUNE 1984															
NORTH AMERICA															
GUATEMALA															
LABOR OVALLE	14 51 N	91 30 W	2376	30	771.3	1015.8	14.1	- 0.3	11.2	-1.9	13	112	- 40	1	100
GUATEMALA/LA AURORA AP	14 35 N	90 31 W	1489	30	854.5	1014.0	18.8	+ 0.5	18.9	+1.3	16	211	- 41	4	119
LA FRAGUA	14 58 N	89 32 W	425	30	986.2	1009.9	25.5	- 1.8	25.7	-1.9	10	122	- 18		102
HUENUETENANGO	15 19 N	91 28 W	1901	30	820.1	1017.5	19.2	+ 1.2	17.3	+1.0	18	238	+ 48		104
COBAN	15 29 N	90 19 W	1316	30	870.2	1012.6	19.3	+ 0.3	19.3	0.0	19	239	- 31		108
EL PORVENIR	16 31 N	90 29 W	125	30	1002.2	1016.3	27.4	+ 1.2	32.4	+3.6	16	143	-110		

SURFACE DATA LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
JUNE 1984															
SOUTH AMERICA															
ARGENTINA-SOUTHERN															
MAR DEL PLATA B.A.	38 03 S	57 33 W	5	30	1018.4	1019.1	8.7		9.4	-0.5	3	43			
ANTARCTICA															
ESPERANZA B. E.	63 24 S	56 59 W	8	30	995.4	997.0	-10.7				0	2			
EUROPE															
POLAND															
GDYNIA	54 31 N	18 33 E	5												71
POZNAN-LAWICA	52 25 N	16 50 E	92												79
WARSZAWA-BIELANY	52 17 N	20 50 E													84
BIALYSTOK	53 06 N	23 10 E	151												49
WROCLAW II-STRACHOWICE	51 06 N	16 53 E	124												70
KRAKOW/BALICE	50 05 N	19 48 E	237												82
ITALY															
CATANIA/FONTANAROSSA	37 28 N	15 03 E	17	30	1015	1017	20.8	- 1.3	16.3	-3.9	0	0	- 5	0	
YUGOSLAVIA															
SKOPJE-PETROVAC	41 57 N	21 38 E	233	31	987.0	1014.2	19.7	- 1.7	13.0		3	21	- 29	1	
GREECE															
KERKYRA	39 37 N	19 55 E	2	30	1014.2	1014.8	23.0	- 1.1	17.4	-3.5	0	0	- 19	1	76
KALAMATA	37 04 N	22 01 E	8	30	1013.0	1014.4	23.2	- 1.1	15.7	-5.2	1	7	- 8	3	
THESSALONIKI/MIKRA	40 31 N	22 58 E	4	30	1013.6	1014.2	23.7	- 0.9	15.0	-4.1	2	10	- 29	1	
LARISSA	39 38 N	22 25 E	74	30	1014.4	1012.9	24.1	- 1.4	13.6	-3.2	3	18	- 14	2	79
ATHINAI /NAT. OBS./	37 58 N	23 43 E	107	30	998.8	1010.9	23.9	- 0.7	14.4	-1.5	0	0	- 14	1	85
ATHENS/HELLINIKON	37 54 N	23 44 E	15	30	1012.2	1014.0	24.0	- 1.4	15.4	-2.0	0	0	- 10	2	
SOUDA/CRETE	35 33 N	24 07 E	151	30	996.3	1013.9	23.6	- 0.7	13.6	-2.2	0	0	- 7	2	
HIRAKLION/CRETE	35 20 N	25 11 E	39	30	1008.8	1013.5	23.2	- 1.2	19.7	-1.8	0	0	- 4	4	83
AFRICA															
TUNISIA															
TUNIS CARTHAGE	36 50 N	10 14 E	4	30	1017	1017	22.7	- 0.7	16.5	-2.0	3	8	- 6	3	
LIBYAN ARAB REP															
TRIPOLI INTL. AP	32 41 N	13 10 E	84	30	1007.1	1016.4	25.1		16.1		0	0			105
BENINA	32 05 N	20 16 E	132	30	1000.3	1015.6	23.4		17.6		0	0			103
GIALO	29 02 N	21 34 E	62	30	1009.6	1015.6	27.7		13.6		0	0			103
KUFRA	24 13 N	23 18 E	408	30	966.4	1011.6	28.7		6.2		0	0			105
GABON															
BITAM	02 05 N	11 29 E	599	30	944.8	1011.1	22.6	- 1.4	24.9		13	194	+ 56		
MITZIC	00 47 N	11 32 E	583	30	946.4	1011.1	22.9	- 0.2	25.0		7	166	+122		
MAKOKOU	00 34 N	12 52 E	515	30	954.2	1011.3	23.5	+ 0.8	25.5		12	73	+ 23		
LASTOURSVILLE	00 50 S	12 43 E	485	30	957.7	1011.4	23.4	+ 0.1	26.0		10	219	+188		
LAMBARENE	00 43 S	10 14 E	26	30	1009.1	1011.9	25.2	+ 0.5	28.9		13	239	+223		
MOUILA	01 52 S	11 01 E	89	30	1001.7	1011.8	25.2	+ 0.6	29.0		9	139	+127		
TCHIBANGA	02 51 S	11 01 E	79	30	1011.7	1010.8	25.0	+ 0.8	27.5		4	82	+ 80		
MAYUMBA	03 25 S	10 39 E	34	30	1008.2	1012.3	25.0	+ 1.6	28.5		1	29	+ 28		
PORT-GENTIL	00 42 S	08 45 E	4	30			25.7	+ 1.5	28.6		6	192	+188		
LIBREVILLE	00 27 N	09 25 E	15	30	1010.0	1011.7	26.2	+ 0.9	29.4		13	434	+418		
COCOBEACH	01 00 N	09 36 E	13	30	1010.6	1012.1	25.8	+ 0.6	29.5		12	346	+295		
ASIA															
SYRIAN ARAB REPUBLIC															
KAMISHLI	37 03 N	41 13 E	455	30	951.8	1001.4	30.0	+ 2.0	7.8	-1.9		0	- 1		85
DEIR EZZOR	35 19 N	40 09 E	212	30	978.9	1002.4	29.7	+ 0.1	8.0	-1.4	0	0	- 1		63
PALMYRA	34 33 N	38 18 E	404	30	960.5	1005.2	27.0	- 0.3	11.5	+0.9	0	0	- 1		88
DAMASCUS/NEW INTL AP	33 25 N	36 31 E	611	30	938.9	1006.2	23.9	- 0.7	11.6	+1.1	0	0	0		84
HAMA	35 08 N	36 43 E	309	30	973.8	1008.6	25.5	- 0.5	11.3	-0.4		0	- 1		
ALEPPO	36 11 N	37 13 E	393	30	963.0	1006.7	25.9	+ 0.2	12.8	-0.5		0	- 3		88
JULY 1984															
SOUTH AMERICA															
ARGENTINA-SOUTHERN															
MAR DEL PLATA B.A.	38 03 S	57 33 W	5	31	1017.0	1017.6	8.2		9.2	-0.2	9	88			
RIO GALLEGOS AERO	51 37 S	69 17 W	17	31	1008.7	1011.3	- 2.7	- 1.8	4.5	-1.0	8	41	+ 21	5	110
USHUAIA	54 48 S	68 19 W	14	31	1006.3	1008.1	0.7	- 0.5	5.8	+0.4	4	17	- 22	1	
ANTARCTICA															
S.A.N.A.E. STATION	70 19 S	02 21 W	52	31	982.3	989.5	-23.1		0.5						
MAWSON	67 36 S	62 53 E	16		985.6	987.3	-20.6	- 2.7	0.6						
DAVIS	68 35 S	77 59 E	15		982.0	983.7	-18.6	- 0.9	0.7		2	6			
CASEY	66 16 S	110 38 E	11		978.9	980.9	-13.7	- 1.5	1.5		6	23			

SURFACE DATA LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUNSHINE PERCENTAGE OF LONG-TERM AVERAGE
	° '	° '	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
JULY 1984															
EUROPE															
GERMAN DEMOCRATIC REP															
WARNEMUNDE	54 11 N	12 05 E	10	31	1014.0	1015.2	15.8	- 1.8	14.4	-1.6	6	72	- 6	3	73
GREIFSWALD	54 06 N	13 23 E	5	31	1013.9	1014.7	16.0	- 2.1	13.7	-2.4	7	47	- 22	2	75
POTSDAM	52 23 N	13 04 E	94	31	1005.3	1016.6	15.9	- 2.5	13.5	-1.4	10	41	- 30	1	64
LINDENBERG	52 13 N	14 07 E	99	31	1002.9	1016.2	15.9	- 2.6	13.2	-1.7	9	27	- 50	1	71
LEIPZIG-SCHKEUDITZ	51 25 N	12 14 E	133	31	1001.5	1017.4	16.2	- 1.9	13.6	-1.2	10	66	- 7	3	78
DRESDEN-KLOTZSCHE	51 08 N	13 46 E	226	31	990.5	1017.3	16.2	- 1.9	13.6	-1.1	14	60	- 49		69
GORLITZ	51 10 N	14 57 E	238	31	988.8	1017.0	15.5	- 2.2	13.6	-1.3	11	50	- 48	1	67
ERFURT-BINDERSLEBEN	50 59 N	10 58 E	323	31	980.1	1018.3	15.4	- 1.9	12.4	-2.0	9	78	+ 7	4	87
MEININGEN	50 33 N	10 22 E	456	31	965.1	1018.5	14.2	- 1.7	12.0	-1.5	11	58	- 27		
FICHTELBERG	50 26 N	12 57 E	1215	31	880.9	1511 Y	9.6	- 1.9	9.8	-1.9	16	154	+ 13	4	83
ITALY															
MILANO/LINATE	45 26 N	09 17 E	103	31	1004	1016	23.8	+ 0.8	18.7	-1.3	3	23	- 32	2	120
VERONA/VILLAFRANCA	45 23 N	10 52 E	68	31	1009	1017	23.9	+ 0.7	19.0	-0.1	3	62	- 8	3	
UDINE RIVOLTO	45 59 N	13 02 E	53	31	1011	1017	21.3		18.6		6	96			
PISA/S. GIUSTO	43 40 N	10 23 E	1	31	1016	1017	22.2	- 1.3	16.7	-4.3	1	2	- 22	1	100
ROMA/FIUMICINO	41 48 N	12 14 E	3	31	1016	1017	23.6	- 0.8	21.3	+1.1	0	0	- 9	0	
NAPOLI/CAPODICHINO	40 51 N	14 18 E	72	31	1009	1018	23.6	0.0	20.9	+0.9	0	0	- 16	0	105
TRIESTE	45 39 N	13 45 E	20	31	1014	1017	22.5	- 2.0	17.7	-1.9	7	64	- 20	2	99
VENEZIA/TESSERA	45 30 N	12 20 E	6	31	1016	1017	22.0	- 1.4	18.9	-0.8	4	18	- 49	1	94
FALCONARA	43 37 N	13 22 E	10	31	1015	1016	23.2		18.0		3	30			
PESCARA	42 26 N	14 12 E	16	31	1014	1016	23.6	+ 0.3	20.2	-0.7	2	8	- 22	2	102
MARINA DI GINOSA	40 26 N	16 53 E	12	31	1014	1015	25.0	- 1.5	21.8	+1.8	0	0	- 12	0	
BRINDISI	40 39 N	17 57 E	10	31	1014	1016	24.3	+ 0.4	19.9	-1.9	0	0	- 13	0	103
ALGHERO	40 38 N	08 17 E	40	31	1015	1018	23.1	+ 0.1	18.5	-0.9	0	0	- 2	0	88
CAGLIARI/ELMAS	39 15 N	09 03 E	18	31	1017	1017	24.3	+ 0.1	20.9	+0.4	0	0	- 3	0	119
TRAPANI/BIRGI	37 55 N	12 30 E	14	31	1017	1018	24.5	+ 0.5	22.6	+2.6	0	0	- 2	0	103
CATANIA/FONTANAROSSA	37 28 N	15 03 E	17	31	1014	1016	25.5	+ 0.3	21.3	-1.0	0	0	- 2	0	
MESSINA	38 12 N	15 33 E	51	31	1010	1017	26.0	+ 0.4	20.7	-1.0	0	0	- 19	0	104
YUGOSLAVIA															
ZAGREB/GRIC	45 49 N	15 59 E	163	31	998.9	1017.9	19.4	- 2.6	16.3		12	122	+ 43	4	92
BEOGRAD	44 48 N	20 28 E	132	31	1001.7	1017.1	20.0	- 2.6	14.7		6	86	+ 26	4	89
SARAJEVO	43 52 N	18 26 E	637	31	945.1	1018.3	17.5	- 2.1	12.4		8	78	+ 10	3	96
SPLIT/MARJAN	43 31 N	16 26 E	128	31	1001.2	1016.2	24.8	- 0.8	14.4		1	6	- 28		
SKOPJE-PETROVAC	41 57 N	21 38 E	233	31	992.7	1020.5	21.9	- 2.1	13.0		3	24	- 7	3	
ROMANIA															
CLUJ	46 47 N	23 34 E	415	31	967.8	1016.0	16.4	- 3.4	14.2	-1.7	10	64	- 18	1	96
BISTRITA	47 09 N	24 31 E	366	31	973.6	1016.6	16.4	- 3.0	14.7	-1.7	15	109	+ 27	4	
IASI	47 10 N	27 36 E	103	31	1002.5	1011.8	18.7	- 2.9	17.1	+0.3	17	86	+ 24	3	83
TIMISOARA	45 46 N	21 15 E	91	31	1006.8	1017.1	19.2	- 2.5	15.2	-2.5	10	26	- 30	1	98
SIBIU	45 48 N	24 09 E	452	31	965.1	1016.7	17.4	- 2.2	14.4	-1.9	10	56	- 26	2	83
BUCURESTI/IMH	44 30 N	26 08 E	95	31	1005.1	1015.2	20.8	- 2.5	17.4	-0.1	8	66	+ 11	4	
SULINA	45 09 N	29 40 E	9	31	1012.6	1013.7	20.6	- 2.1	19.5	-0.2	2	19	- 3	4	89
AFRICA															
TUNISIA															
TUNIS CARTHAGE	36 50 N	10 14 E	4	31	1017	1017	26.4	+ 0.3	18.3	-2.5	0	0	- 2	1	
LIBYAN ARAB REP															
TRIPOLI INTL. AP	32 41 N	13 10 E	84	31	1007.5	1016.7	26.3		19.3		0	0			98
BENINA	32 05 N	20 16 E	132	31	999.4	1014.5	24.5		21.3		0	0			97
GIALO	29 02 N	21 34 E	62	31	1008.2	1014.2	28.2		16.0		0	0			99
KUFRA	24 13 N	23 18 E	408	31	965.1	1010.1	28.7		6.5		0	0			106
GABON															
BITAM	02 05 N	11 29 E	599	31	944.9	1011.3	22.4	- 0.5	24.5		10	136	+101		
MITZIC	00 47 N	11 32 E	583	31	946.3	1011.2	22.7	+ 1.3	24.7		8	81	+ 4		
MAKOKOU	00 34 N	12 52 E	515	31	954.2	1011.5	23.0	+ 1.3	24.9		6	138	+132		
LASTOURSVILLE	00 50 S	12 43 E	485	31	957.8	1011.5	23.1	+ 1.6	25.4		4	26	+ 21		
MOANDA	01 32 S	13 16 E	573	31	947.9	1011.7	22.1	- 0.2	23.5		5	46	+ 32		
LAMBARENE	00 43 S	10 14 E	26	31	1009.5	1012.4	24.3	+ 0.8	27.6		4	32	+ 30		
MOUILA	01 52 S	11 01 E	89	31	1001.9	1012.2	24.0	+ 0.5	27.2		4	48	+ 44		
TCHIBANGA	02 51 S	11 01 E	79	31	1002.2	1011.4	23.6	+ 0.5	25.3						
MAYUMBA	03 25 S	10 39 E	34	31	1008.8	1012.9	23.5	+ 1.2	26.1		3	4	+ 3		
PORT-GENTIL	00 42 S	08 45 E	4	31			25.0	+ 1.8	27.1		5	99	+ 98		
LIBREVILLE	00 27 N	09 25 E	15	31	1010.3	1012.1	25.7	+ 1.5	28.3		7	143	+142		
COCOBEACH	01 00 N	09 36 E	13	31	1010.6	1012.1	25.2	+ 1.0	28.1		14	317	+313		
ZIMBABWE															
BULAWAYO/GOETZ OBS	20 09 S	28 37 E	1345	31	871.9	1558 Y	14.3	+ 0.7	8.2	+1.0	4	8	+ 8	6	90
HARARE/KUTSAGA OBS	17 56 S	31 06 E	1479	31	858.0	1555 Y	13.9	+ 0.3	9.6	+1.5	0	1	0	4	81
CHIPINGA	20 12 S	32 37 E	1132	31	894.9	1564 Y	14.6	+ 0.6	11.9	+1.6	8	56	+ 36	5	80
MADAGASCAR															
TAMATAVE	18 07 S	49 24 E	6	28		1017.7	13.1		13.0						
							S13.4								

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
JULY 1984															
AFRICA															
SOUTH AFRICA															
WINDHOEK	22 34 S	17 06 E	1700	31	834.9	1549 Y	14.1	+ 0.6	3.9	0.0	0	0	- 1	5	100
J. G. STRIJDOM	22 29 S	17 28 E	1700	31	835.7	1558 Y	11.4	+ 0.5	5.7		0	0	0		100
KEETMANSHOOP	26 34 S	18 07 E	1100				14.1	+ 0.7			0	0	- 1		103
UPINGTON	28 24 S	21 16 E	800	31	930.5	1550 Y	12.4	+ 0.7	6.2	+0.1	0	0	- 2	3	105
PIETERSBURG	23 52 S	29 27 E	1250	31	887.7	1560 Y	12.3	+ 0.7	9.8	+2.0	5	44	+ 42	6	81
PRETORIA	25 44 S	28 11 E	1300	31	877.5	1565 Y	12.2		7.4	-0.2	3	15	+ 9	5	87
JAN SMUTS	26 08 S	28 14 E	1700	31	836.6	1566 Y	10.5	+ 0.6	6.6	+0.3	2	15	+ 10	2	85
BLOEMFONTEIN/J.B.M. HERTZOG	29 06 S	26 18 E	1400	31	867.4	1566 Y	8.1	+ 1.0	5.1	+0.6	0	0	- 10	2	104
KIMBERLEY	28 48 S	24 46 E	1250	31	88 .3	1559 Y	10.5	0.0	5.6	-0.6	0	0	- 7	2	108
ALEXANDER BAY	28 34 S	16 32 E	0	31	1017.7	1020.4	12.0	- 1.7	11.2	+0.3	0	0	- 5	1	106
CAPE TOWN/D.F.MALAN	33 58 S	18 36 E	0	31	1016.3	1022.1	12.8	+ 1.0	11.5	+0.3	9	48	- 36	2	115
PORT ELIZABETH	33 59 S	25 36 E	0	31	1015.0	1022.3	14.2	+ 0.5	12.1	+0.6	5	51	+ 2	3	93
EAST LONDON	33 02 S	27 50 E	0	31	1007.2	1022.3	14.8	- 0.2	11.6	0.0	5	82	+ 44	5	86
DURBAN/LOUIS BOTHAN	29 58 S	30 57 E	0	31	1020.7	1022.3	17.4	+ 1.2	15.5	+2.2	8	133	+ 94	5	89
GOUGH ISLAND	40 21 S	09 53 W	0	31	1007.7	1014.1	8.7	- 0.2	7.2	-2.5	21	295	+ 26		108
MARION ISLAND	46 53 S	37 52 E	0	31	1004.1	1006.8	4.2	+ 0.4	7.0	+0.4	24	207	- 13		88
ASIA															
USSR-EASTERN															
OLENEK	68 30 N	112 26 E	127		986.1	1011.7	19.6		9.8		1	2		1	
SYRIAN ARAB REPUBLIC															
KAMISHLI	37 03 N	41 13 E	455	31	949.5	995.5	33.0	+ 0.8	9.2	-0.6	0	0	- 1		75
DEIR EZZOR	35 19 N	40 09 E	212	31	975.7	998.8	32.6	+ 0.1	11.1	0.0	0	0	0		74
PALMYRA	34 33 N	38 18 E	404	31	957.6	1001.9	28.9	+ 0.4	13.7	-0.9	0	0	0		85
DAMASCUS/NEW INTL AP	33 25 N	36 31 E	611	31	936.4	1003.1	25.8	+ 0.4	13.0	-0.2	0	0	0		85
HAMA	35 08 N	36 43 E	309	31	970.7	1005.1	27.9	+ 0.2	13.5	-0.4	0	0	0		
ALEPPO	36 11 N	37 13 E	393	31	960.0	1003.4	27.0	+ 1.1	15.7	-0.3	0	0	0		93
PAKISTAN															
PARACHINAR	33 52 N	70 05 E	1725	31	820.7	1419 Y	23.2	- 1.6	19.5	+3.4	13	167	- 45		
PESHAWAR	34 01 N	71 35 E	359	31	956.9	995.9	30.7	- 1.9	29.4	+4.1	5	101	+ 62	5	74
FORT SANDEMAN	31 21 N	69 28 E	1407	31	848.7	1389 Y	29.0	- 1.3	15.9	+1.9	9	121	+ 72	5	
DERA ISMAIL KHAN	31 49 N	70 55 E	174	31	975.4	995.5	32.1	- 1.5	28.9	-1.3	2	17	- 48	2	
JHELUM	32 56 N	73 44 E	233	31	971.5	997.3	29.7	- 1.6	31.6		13	275			
LAHORE CITY	31 33 N	74 20 E	214	31	973.5	997.0	30.5	- 1.6	30.3	-0.2	10	206	+ 84	5	96
QUETTA/SAMUNGLI	30 15 N	66 53 E	1601	31	831.5	1394 Y	28.1	+ 0.9	18.3	+2.0	0	0	- 18	2	88
MULTAN	30 12 N	71 26 E	123	31	982.5	995.9	33.9	- 0.6	28.3	-2.6	0	0	- 5	1	
DALBANDIN	28 53 N	64 42 E	850	31	904.1	1403 Y	34.7	+ 1.3	8.5	-4.6	0	0	- 7	4	
JACOBADAD	28 18 N	68 28 E	56	31	989.1	995.1	34.3	- 0.9	33.1	+3.0	0	0	- 37	2	92
PANJGUR	26 58 N	64 06 E	969	31	892.9	1417 Y	31.5	+ 0.2	20.7	+0.6	3	32	+ 5	4	
CHHOR	25 31 N	69 47 E	6	31	996.5	997.2	30.8		29.5		4	16			
JIWANI	25 04 N	61 48 E	56	31	991.8	998.2	29.7		28.9		0	0			
HYDERABAD	25 23 N	68 25 E	30	31	994.1	997.5	31.0	- 1.5	28.3	-1.1	2	13	- 56	2	
KARACHI AIRPORT	24 54 N	67 08 E	22	31	995.9	998.5	29.7	- 0.4	30.7	-1.2	4	19	- 82	1	81
INDIA															
MUKTESWAR KUMAON	29 28 N	79 39 E	2311	31	767.9	3093 Z	16.9	- 0.7	17.9	0.0	20	199	-133	1	
AKOLA	20 42 N	77 02 E	282	31	969.2	1000.9	28.9	+ 1.2	25.7	-1.2	7	101	-160	1	
BHUBANESWAR	20 15 N	85 50 E	46	31	995.4	1000.5	28.7	+ 0.2	32.7	+0.7	21	512	+215		
AUSTRALASIA															
PAPUA NEW GUINEA															
MOMOTE M.O.	02 04 S	147 26 E	5		1008.5	1009.1	27.1	+ 0.1	29.8		23	351		3	
RABAUL M.O.	04 13 S	152 11 E	9		1008.1	1009.1	27.1	+ 0.3	28.4		6	25			
MADANG	05 13 S	145 48 E	12		1008.7	1009.3	26.7	+ 0.7	27.6		10	47		1	115
PORT MORESBY AIRPORT	09 26 S	147 13 E	47		1004.3	1009.7	25.5		25.2		4	27		3	79
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1013.5	1014.5	20.2	- 1.0	9.2	-2.3	0	0	- 6	0	
PORT HEDLAND	20 23 S	118 37 E	11		1015.3	1016.6	19.3	- 0.1	8.4	-1.5	2	6	- 2	4	
NORTH WEST CAPE	21 49 S	114 10 E	8		1016.5	1017.1	17.3	- 0.4	13.7		4	89			
CARNARVON	24 53 S	113 39 E	4		1017.2	1018.0	16.3	- 0.3	11.7	-0.3	5	32	- 14	3	
GERALDTON	28 48 S	114 42 E	34		1015.4	1019.5	14.1	- 0.3	10.9	-0.8	7	69	- 31	2	
PERTH AIRPORT	31 56 S	115 58 E	18		1019.5	1021.0	12.5	- 0.4	10.9	-0.4	12	82	- 88	1	98
ALBANY M.O.	34 57 S	117 48 E	69		1011.8	1020.1	11.6	- 0.1	10.7	-0.1	17	110	- 12	2	
ESPERANCE M. O.	33 49 S	121 53 E	25		1017.7	1020.9	12.3	- 0.5	11.0	+0.7	16	153	+ 49	4	
HALLS CREEK	18 14 S	127 40 E	408		967.1	1015.9	18.2	- 1.5	7.5	+0.4	2	14	+ 8	5	
GILES	25 02 S	128 18 E	599		950.5	1020.6	11.5	- 1.9	6.5		1	7	- 5		78
MEEKATHARRA	26 35 S	118 30 E	518		959.5	1020.0	12.7	- 0.3	8.1	-0.3	4	16	- 3	3	
KALGOORLIE	30 46 S	121 27 E	360		978.8	1021.6	10.1	- 0.6	9.4	+0.3	7	49	+ 22	5	
FORREST	30 50 S	128 06 E	157		1001.9	1021.2	10.7	- 0.4	9.4	+0.5	9	25	+ 10	5	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	8		1013.4	1014.4	23.9	- 0.1	20.5	-1.1	5	12	- 26	2	
THURSDAY ISLAND	10 35 S	142 13 E	61		1005.0	1012.0	24.5	- 0.6	23.5	-0.6	5	12	+ 2	3	
DARWIN AIRPORT	12 26 S	130 52 E	29		1009.7	1013.2	24.1	- 0.7	14.6	-1.5	0	0	- 1	3	104
TENNANT CREEK M.O.	19 33 S	134 11 E	376		973.9	1017.7	16.7	- 1.5	7.3	+0.9	2	20	+ 14	5	90

SURFACE DATA LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° '	° '	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
JULY 1984															
AUSTRALASIA															
AUSTRALIA-NORTHEASTERN															
ALICE SPRINGS	23 48 S	133 53 E	549		956.2	1020.3	10.1	- 1.8	6.8	-0.1	3	25	+ 12	5	90
MT. ISA M.O.	20 40 S	139 29 E	340		977.6	1017.6	14.9	- 1.9	8.8	+1.6	3	36	+ 30		
LONGREACH M. O.	23 26 S	144 15 E	193		995.5	1018.4	14.5	- 0.5	9.0	+1.6	8	112	+ 92	5	
CHARLEVILLE	26 25 S	146 17 E	304		983.2	1019.3	11.5	- 0.2	8.7	+0.8	10	99	+ 74	5	
CAIRNS	16 55 S	145 44 E	7		1015.0	1015.8	20.8	- 0.5	17.0	+0.1	7	27	- 3	3	
TOWNSVILLE	19 16 S	146 46 E	6		1016.1	1016.8	19.1	- 0.1	13.9		6	59	+ 44	5	85
MACKAY	21 07 S	149 10 E	31		1013.7	1017.4	16.9	+ 0.1	13.7	-0.6	5	94	+ 62	5	
GLADSTONE	23 51 S	151 16 E	76		1009.1	1018.1	17.5	- 0.3	12.8	+0.9	7	85	+ 48	5	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1017.0	1017.6	14.6	- 0.5	11.3	+1.1	7	136	+ 61	5	78
AUSTRALIA-SOUTHEASTERN															
OODNADATTA	27 33 S	135 27 E	113		1007.1	1021.2	11.7	- 1.0	8.0	+0.6	3	10	- 1	4	82
WOOMERA	31 09 S	136 48 E	166		1000.3	1020.5	10.5	- 0.8	9.1	+0.7	3	4	- 15	2	86
MOREE	29 28 S	149 51 E	212		993.1	1018.6	10.3	- 0.3	9.7	+0.9	13	189	+150	5	
COFF S HARBOUR	30 18 S	153 08 E	5		1016.1	1016.7	13.7	+ 1.0	10.4	-1.1	7	83	+ 18	4	67
COBAR M.O.	31 29 S	145 50 E	265		986.8	1018.6	9.3	- 1.0	8.5	+0.8	7	61		5	
MILDURA	34 14 S	142 05 E	53		1012.3	1018.7	9.4	- 0.5	8.5	-0.2	7	47	+ 21	5	
WAGGA	35 10 S	147 28 E	214		991.9	1017.6	7.3	- 0.3	8.2	+0.1	11	95	+ 42	5	
CANBERRA	35 18 S	149 12 E	577		948.4	1017.1	5.6	+ 0.2	7.2	+0.6	9	89	+ 50	5	84
CEDUNA	32 08 S	133 42 E	17		1018.4	1020.5	11.0	- 0.5	10.0	+0.6	13	68	+ 27	5	94
ADELAIDE AIRPORT	34 57 S	138 32 E	11		1018.5	1019.0	10.1	- 0.8	9.9	+0.2	12	66	+ 6	4	95
MT. GAMBIER M.O.	37 45 S	140 47 E	69		1008.9	1017.3	8.5	- 0.5	9.3	-0.1	18	120	+ 19	4	78
LAVERTON AIRPORT	37 52 S	144 45 E	14		1015.5	1017.2	8.2	- 1.0	8.5	-0.3	9	35	- 6	3	114
EAST SALE	38 06 S	147 08 E	8		1015.6	1016.6	7.7	- 0.7	8.5	+0.1	11	88	+ 50	5	84
SYDNEY AIRPORT	33 57 S	151 11 E	8		1015.5	1016.0	11.7		9.3	+0.2	11	141	+ 71	5	75
WILLIAMTOWN	32 49 S	151 50 E	9		1015.2	1016.5	11.3	- 0.2	10.1	+1.0	9	107	+ 37	4	62
HOBART AIRPORT	42 50 S	147 30 E	7		1014.7	1015.1	8.0	- 0.4	8.0	+0.2	10	48	+ 1	4	105
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1008.5	1009.5	25.7	- 0.3	25.9	-0.8	12	53		3	89
NORFOLK ISLAND	29 03 S	167 56 E	109		1004.7	1017.6	16.7	+ 0.9	14.6	+0.5	10	83		1	88
LORD HOWE ISLAND	31 32 S	159 04 E	11		1009.9	1015.4	16.4	+ 0.5	15.3	+1.8	23	176		4	
MACQUARIE ISLAND	54 30 S	158 57 E	5		1004.5	1005.2	3.6	+ 0.4	6.8		16	61		3	43
COCOS ISLAND AP	12 11 S	96 49 E	3		1009.9	1010.2	26.3	+ 0.5	28.1	+1.4	22	494		5	
OCEAN WEATHER															
STATIONS															
SHIP L	57 00 N	20 00 W		28		1017.7	13.1 S13.4		13.0						

SURFACE DATA CORRECTIONS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	NO. OF DAYS ≥ MM.	TOTAL	DEPARTURE	QUINTILE	PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
JANUARY 1984															
EUROPE															
GREENLAND															
SCORESBYSUND	70 29 N	21 58 W	68								13	54	+ 25		
FEBRUARY 1984															
EUROPE															
GREENLAND															
SCORESBYSUND	70 29 N	21 58 W	68		992.5	1001.4					13	70	+ 39		
MARCH 1984															
EUROPE															
GREENLAND															
SCORESBYSUND	70 29 N	21 58 W	68								5	18	- 8		
DENMARK AND FAROE IS															
ALBORG	57 06 N	09 52 E	3									12	- 14	2	
ASIA															
INDIA															
KOTA	25 11 N	75 51 E	257	31	1002.8	1008.9	23.5	+ 1.2	16.6	-1.0	3	15	- 38	2	
MAY 1984															
NORTH AMERICA															
CANADA-WESTERN															
INUVIK	68 18 N	133 29 W	68				1.4	+ 2.2							
JULY 1984															
NORTH AMERICA															
CANADA-EASTERN															
TORONTO/MALTON INT AP	43 41 N	79 38 W	173								7				

UPPER AIR DATA

AUGUST 1984

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	1,011		2.4	1.6					1,402	0	-1.4	6.6	1	70	254	5	2,927	0	-9.0	8.5	0	65	250	5	5,462	0	-23.7	11.0	1	64	256	9	9,013	0	-47.2		3	59	251	12
		11,702	0	-44.9		2	70	266	9	13,623	0	-45.7		2	77	267	8	16,315	0	-47.2		2	80	268	6	20,914	5	-47.2		8	43	296	1	24,325	12	-45.6		14	63	49	2
BARTER ISLAND	2	1,010		2.6	1.5					1,406	0	0.4	3.8	0	77	273	7	2,941	0	-7.9	3.5	0	74	268	8	5,494	0	-21.5	7.4	0	65	257	11	9,071	0	-45.9		2	64	247	18
		11,742	0	-47.0		4	71	253	12	13,650	0	-46.9		4	77	262	10	16,324	1	-47.8		3	81	269	6	20,903	1	-47.3		1	60	296	2	24,289	1	-46.2		1	68	56	2
KOTZEBUE	2	1,011		7.4	2.8					1,418	0	0.7	4.8	5	68	257	4	2,961	0	-5.3	11.9	1	70	254	6	5,531	0	-20.6	11.6	2	78	253	12	9,122	0	-45.1		3	82	255	21
		11,803	0	-46.8		3	83	267	17	13,713	2	-48.1		5	84	264	13	16,379	2	-49.0		5	87	262	7	20,930	2	-48.5		5	54	294	1	24,301	4	-47.4		7	62	61	2
NOME	2	1,012		5.8	2.1					1,425	1	1.5	7.0	5	51	250	4	2,976	1	-3.8	11.7	3	69	261	6	5,563	1	-18.2	11.0	1	72	262	11	9,187	1	-43.4	1.6	2	72	261	18
		11,858	1	-48.7		2	79	269	16	13,751	1	-49.4		2	81	266	13	16,398	1	-50.8		2	85	264	8	20,924	1	-49.4		2	68	268	2	24,279	1	-48.3		2	27	53	1
FAIRBANKS	2	996		9.3	1.8					1,439	0	3.3	3.3	0	63	262	5	2,989	0	-4.8	5.9	1	68	256	7	5,567	0	-19.5	9.8	0	65	252	8	9,181	1	-44.4	1.2	1	62	268	12
		11,843	1	-49.5		2	75	275	12	13,728	1	-49.9		2	77	277	9	16,367	3	-50.8		4	76	276	6	20,891	3	-49.6		4	53	303	2	24,244	3	-48.4		4	52	55	1
MCGRATH	2	1,001		8.6	2.6					1,446	1	2.6	3.2	1	36	245	3	2,999	1	-3.7	10.0	1	57	264	5	5,587	1	-18.4	10.8	1	61	273	8	9,210	1	-43.4	2.4	1	67	274	16
		11,880	1	-48.8		2	77	275	14	13,767	1	-50.1		2	80	273	11	16,405	1	-51.4		2	81	273	7	20,924	1	-49.9		1	43	285	1	24,276	2	-48.4		3	31	71	1
BETHEL	2	1,010		8.4	1.3					1,455	0	4.0	6.3	2	56	260	4	3,019	0	-1.9	11.6	2	65	271	6	5,624	0	-16.6	12.1	2	70	272	9	9,266	0	-42.5	5.3	3	67	268	14
		11,939	0	-50.1		2	76	274	16	13,816	0	-51.1		3	80	274	11	16,441	0	-52.5		2	82	279	7	20,942	0	-50.5		2	45	284	2	24,287	0	-48.8		2	29	50	1
ANCHORAGE	2	1,006		11.6	4.3					1,445	0	5.0	4.1	2	9	203	1	3,007	0	-2.7	7.4	0	41	254	3	5,603	0	-17.8	10.3	0	60	278	6	9,235	0	-43.1	9.0	0	63	288	12
		11,897	0	-50.7		2	66	293	11	13,772	0	-51.3		2	64	295	8	16,399	0	-52.3		2	71	289	5	20,898	0	-50.7		0	44	310	1	24,241	2	-49.2		2	39	68	1
ST. PAUL	2	1,015		8.6	0.8					1,470	1	6.3	6.7	2	67	236	6	3,046	1	0.5	12.3	2	65	245	7	5,673	1	-14.5	12.4	2	71	247	10	9,349	1	-40.8	6.7	4	69	252	13
		12,019	1	-51.0		4	74	256	14	13,885	1	-52.9		5	74	262	10	16,492	1	-54.2		4	70	265	5	20,968	1	-51.2		4	13	284	1	24,306	3	-48.7		4	26	46	1
COLD BAY	2	1,014		10.8	1.5					1,490	2	7.4	9.2	4	53	284	5	3,072	2	1.5	14.0	3	68	264	8	5,712	2	-13.1	14.3	3	73	261	11	9,411	2	-39.4	7.6	7	59	270	12
		12,079	2	-53.5		8	55	275	10	13,925	3	-54.8		8	60	279	8	16,507	3	-55.8		8	57	292	4	20,954	3	-52.3		6	23	12	1	24,278	5	-50.0		5	57	60	2
KING SALMON	2	1,011		9.9	1.5					1,451	0	5.4	5.3	1	46	289	3	3,022	0	-0.9	8.8	0	64	287	6	5,636	0	-15.9	10.5	0	70	285	9	9,296	0	-41.2	6.3	2	67	284	13
		11,970	0	-51.5		5	65	296	11	13,839	1	-52.2		5	69	302	8	16,453	1	-53.4		4	68	296	5	20,939	3	-51.0		5	26	315	1	24,276	3	-48.9		4	36	57	1
YAKUTAT	2	1,011		10.0	1.1					1,452	0	5.5	6.6	1	48	170	2	3,016	0	-2.6	7.4	2	18	186	1	5,609	0	-18.3	10.8	0	11	310	1	9,231	0	-43.8		1	33	345	5
		11,896	0	-50.0		1	45	337	6	13,780	0	-50.1		1	44	318	4	16,418	1	-51.5		2	55	292	3	20,921	1	-50.8		1	18	262	1	24,258	1	-49.2		1	47	59	1
ANNETTE ISLAND	2	1,011		12.6	1.5					1,476	0	4.8	2.1	3	68	183	4	3,035	0	-3.5	5.8	1	47	198	4	5,627	0	-18.5	8.5	1	35	204	5	9,242	0	-43.9		1	20	193	5
		11,917	0	-48.6		2	18	241	3	13,809	0	-49.5		2	25	230	3	16,450	0	-51.5		2	44	229	3	20,937	1	-52.1		3	35	177	1	24,263	3	-49.4		4	77	81	3
UNITED STATES-NORTHWEST																																									
QUILLAYUTE	2	1,011		11.2	0.9					1,504	0	8.3	8.4	2	63	235	3	3,088	0	1.6	14.2	2	73	224	7	5,726	0	-13.9	13.3	1	80	223	13	9,401	0	-41.4	9.0	2	68	225	18
		12,064	1	-52.7		3	67	233	16	13,919	1	-53.9		3	85	228	15	16,518	2	-55.3		4	89	226	9	20,942	2	-54.0		3	44	119	2	24,247	2	-50.4		3	78	91	3
MEDFORD	2	969		14.9	4.6					1,510	0	13.6	6.9	1	12	123	**	3,129	0	6.1	13.1	1	85	207	9	5,799	0	-11.2	15.6	0	86	219	12	9,507	0	-39.9	11.3	0	88	224	17
		12,171	0	-54.3		0	94	224	23	14,008	0	-56.7		0	96	222	19	16,554	0	-59.9		0	92	221	8	20,916	1	-56.2		2	85	96	3	24,194	2	-51.5		2	97	84	7
SPOKANE	2	931		15.4	8.2					1,500	0	16.5	15.5	0	69	225	4	3,119	0	5.5	11.3	0	85	230	9	5,777	0	-12.5	12.3	0	88	234	15	9,480	0	-39.7	9.7	0	80	233	19
		12,145	0	-53.6		1	85	235	23	13,988	0	-55.3		1	91	234	18	16,554	0	-57.9		0	86	231	8	20,952	3	-54.5		3	79	89	3	24,251	4	-49.7		4	89	77	4
GREAT FALLS	2	889		15.4	10.2					1,497	0	18.6	15.1	3	74	232	5	3,131	0	7.2	11.4	4	88	261	8	5,806	0	-11.0	13.7	2	90	254	13	9,529	1	-38.5	10.0	3	90	248	22
		12,209	1	-54.1		4	95	244	29	14,046	2	-58.0		4	94	247	20	16,586	4	-60.0		6	87	251	7	20,966	5	-54.8		7	80	86	3	24,264	6	-49.4		9	92	75	6
BISMARCK	2	955		16.6	5.3					1,505	0	18.3	11.4	1	59	254	5	3,137	0	7.3	9.9	0	79	281	7	5,821	0	-9.3	11.6	0	87	277	11	9,567	0	-36.8	10.2	1	93	279	21
		12,257	0	-54.0		1	93	282	24	14,078	3	-59.2		4	94	282	17	16,598	3	-61.0		3	86	285	7	20,960	5	-55.0		5	77	61	3	24,269	7	-49.5		7	95	82	5
HURON/HOWES MUN	2	968		17.7	2.7					1,515	0	18.9	11.9	0	49	258	4	3,151	0	8.0	9.9	0	72	288	6	5,844	0	-8.5	11.8	0	88	281	10	9,608	0	-35.7	11.3	0	89	293	16
		12,306	0	-54.5		0	90	291	22	14,118	0	-61.1		0	90	295	16	16,615	0	-62.9		0	82	300	5	20,956	0	-55.1		0	85	68	4	24,257	0	-49.9		1	93	90	6
RAPID CITY	2	905		17.3	6.8					1,508	0	20.9	13.7	0	40	230	3	3,159	0	9.9	10.6	0	77	271	5	5,859	0	-8.2	11.6	0	83	269	8	9,626	0	-35.5	10.9	0	91	274	15
		12,324	0	-55.1		0	92	273	21	14,129	0	-62.2		0	93	279	16	16,610	0	-64.0		0	81	276	5	20,930	0	-56.3		0	83	70	3	24,224	1	-50.2		1	97	81	6
BOISE	2	914		18.4	11.4					1,501	0	20.8	16.9	1	46	139	3	3,148	0	9.5	12.7	1	74	217	6	5,833	0	-10.8	11.9	1	89	230	11	9,559	0	-38.1	10.7	1	93	228	21
		12,243	0	-53.7		2	94	227	28	14,074	0	-58.7		2	94	232	20	16,596	0	-61.6		1	85	223	7	20,942	0	-55.7		0	78	96	3	24,227	1	-51.2		1	97	83	6
WINNEMUCCA	2	869		15.0	11.1					1,506	1	20.8	16.7	1	10	188	**	3,156	1	10.2	12.9	1	81	229	4	5,848	1	-9.9	11.4	1	93	230	11	9,589	1	-37.1	11.9	1	95	229	19
		12,283	1	-53.4		2	95	227	27	14,108	1	-60.1		2	96	231	21	16,610	1	-63.1		2	87	213	6	20,940	2	-56.3		2	91	95	4	24,220	2	-51.6		2	98	85	8
ELY	2	813		12.1	3.7													3,169	0	10.6	9.9	2	86	209	5	5,871	1	-8.5	11.6	4	88	221	8	9,631	2	-36.1	12.2	3	89	227	14
		12,334	3	-54.1		3	94	226	23	14,138	3	-63.3		4	95	235	18	16,599	3	-66.5		3	86	203	5	20,885	4	-57.6		4	94	89	5	24,150	4	-52.5		4	99	84	9
SALT LAKE CITY	2	873		20.1	6.5					1,515	1	21.3	11.2	1	96	162	5	3,172	1	11.0	10.1	2	72	237	4	5,874	0	-8.8	11.3	0	80	227	7	9,637	1	-35.7	10.4	1	87	233	14
		12,341	1	-54.3		1	93	237	21	14,146	1	-63.0		1	93	243	16	16,611	1	-65.9		1	75	223	5	20,910	1	-56.7		1	91	85	4	24,187	3	-51.7		3	99	85	8
GRAND JUNCTION	2	855		19.3	9.6					1,518	2	20.3	10.2	3	89	119	3	3,176	2	11.8	9.3	2	44	227	2	5,891	2	-7.8	8.2	2	58	239	4	9,674	2	-34.0	10.7	2	80	248	9
		12,393	2	-53.7		2	86	252	15	14,196	2	-64.3		2	86	259	11	16,644	2	-67.5		2	50	237	2	20,926	2	-57.0		2	93	82	6	24,198	3	-51.6		3	98	88	9
DENVER	2	840		16.4	5.3													3,160	0	12.1	10.7	0	49	263	2	5,879	0	-7.4	8.3	0	63	267	4	9,665	0	-34.0	10.5	0	80	265	8
		12,382	0	-54.1		0	80	269	14	14,182	0	-64.4		0	83	278	11	16,627	0	-66.9		0	43	264	2	20,919	0	-56.5		0	95	78	6	24,202	1	-51.2		1	98	88	9
NORTH PLATTE	2	919		16.8	5.1					1,520	0	21.2	10.4	1	60	218	5	3,172	0	10.2	8.5	0	59	264	4	5,877	0	-7.4	10.7	0	78	277	6	9,659	0	-34.4	11.1	0	84	292	10
		12,369	0	-54.6		0	86	294	16	14,169	0	-63.9		0	83	298	12	16,632	0	-65.4		0	65	310	3	20,939	0	-55.7		0	96	80	5	24,229	0	-50.6		1	96	87	7
UNITED STATES-NORTHEAST																																									
INTERNATIONAL FALLS	2	972		14.4	2.1					1,499	0	13.9	9.1	0	69	280	5	3,111	0	5.2	11.9	0	81	294	7	5,779	0	-11.1	13.6	0	83	296	11	9,494	0	-39.0	11.2	0	83	296	16
		12,177	0	-52.9		0	86	295	23	14,018	0	-56.5		0	90	294	18	16,568	0	-59.1		0	89	298	8	20,956	0	-54.0		0	64	43	2	24,271	1	-48.8		1	91	78	4
ST. CLOUD	2	979		16.1	1.3					1,522	0	16.0	8.5	0	67	286	5	3,147	0	6.9	12.6	0	82	294	7	5,828	0	-9.6	15.4	0	88	288	11	9,574	0	-36.7	11.6	0	87	295	19
		12,271	0	-53.6		0	85	296	23	14,097	0	-59.1		0	89	298	16	16,619	0	-61.2		0	85	303	7	20,986	0	-54.3		0	83	57	3	24,300	0	-49.2		0	95	84	6
SAULT STE. MARIE	2	989		15.1	1.3					1,510	0	12.9	7.5	1	67	286	5	3,118	0	4.5	11.6	1	68	296	6	5,778	0	-11.3	15.5	0	74	293	10	9,494	0	-38.7	9.9	0	69	294	15
		12,175	0	-52.7		0	76	292	19	14,017	0	-56.6		0	82	298	14	16,567	0	-58.8		0	84	310	7	20,960	0	-53.7		0	61	30	2	24,280	0	-48.8		1	94	80	5
CARIBOU	2	992		14.9	1.4					1,502	0	12.0	5.8	1	58	272	4	3,104	0	3.7	9.7	0	75	266	7	5,764	0	-11.3	11.7	0	82	266	9	9,486	1	-38.4	8.1	1	76	269	14
		12,162	1	-54.7		1	81	267	16	13,992	1	-57.6		1	88	269	14	16,547	1	-58.1		1	84	274	6	20,972	1	-51.8		1	8	139	**	24,299	3	-48.9		3	93	84	4
DAYTON	2	982		18.0	1.3					1,537	0	15.2	7.1	1	59	277	3	3,160	0	6.9	12.6	1	71	299	4	5,848	0	-8.7	12.7	1	73	293	7	9,607	0	-36.0	11.4	0	59	285	9
		12,305	0	-54.3		0	57	288	12	14,117	0	-61.5		0	63	299	9	16,611	0	-63.6		0	69	336	4	20,949	0	-55.1		0	95	76	5	24,245	0	-50.6		0	96	85	8
BUFFALO	2	991		17.4	1.7					1,525	0	13.2	5.6	0	77	285	5	3,136	0	5.1	11.9	0	82	283	7	5,809	0	-10.2	13.1	0	80	279	10	9,548	0	-37.1	8.5	0	71	273	14
		12,236	0	-54.2		0	72	281	17	14,056	0	-59.7		0	73	283	12	16,577	0	-61.0		0	75	299	5	20,947	2	-53.9		3	77	67	3	24,252	5	-50.1		5	97	82	7

UPPER AIR DATA

AUGUST 1984

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
NORTH AMERICA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
UNITED STATES-NORTHEAST																																									
CHATHAM	2	1,014		19.3	1.5					1,523	0	12.9	4.6	3	52	268	3	3,134	0	5.2	12.6	2	58	278	4	5,810	0	-9.6	15.1	1	69	264	7	9,554	0	-36.9	11.1	1	59	274	9
		12,248	1	-55.3		1	67	280	11	14,058	1	-61.0		1	69	283	8	16,565	1	-61.8		1	63	282	3	20,931	1	-54.8		1	83	88	3	24,234	2	-49.9		2	99	86	8
WASHINGTON DULLES	2	1,006		19.3	0.9					1,534	0	14.7	4.0	2	73	312	4	3,154	0	6.4	10.1	1	80	286	5	5,845	0	-8.2	13.4	1	78	285	7	9,610	0	-35.4	9.6	1	68	290	9
		12,310	0	-54.9		1	64	289	11	14,116	0	-62.8		1	63	291	8	16,605	0	-63.2		0	58	313	3	20,946	1	-55.2		1	95	83	6	24,242	1	-50.2		1	99	86	9
UNITED STATES-SOUTHWEST																																									
OAKLAND	2	1,013		15.1	2.4					1,510	0	20.0	22.0	3	64	234	3	3,151	0	9.2	18.8	2	83	197	7	5,848	0	-9.0	16.7	2	87	213	10	9,590	0	-37.2	14.3	0	92	222	19
		12,284	1	-53.9		2	96	222	26	14,107	1	-59.9		3	97	223	22	16,608	1	-63.3		3	91	205	7	20,928	1	-56.9		2	97	87	6	24,198	1	-52.0		2	98	86	11
SAN DIEGO	2	998		20.3	1.8					1,513	0	21.1	14.4	0	23	193	1	3,165	0	10.4	12.8	0	63	147	3	5,878	0	-6.6	16.0	0	23	174	2	9,668	0	-33.9	14.0	0	63	237	6
		12,392	0	-53.6		0	76	215	10	14,192	0	-65.0		0	83	212	10	16,622	1	-68.5		1	60	156	3	20,876	1	-58.6		1	98	92	10	24,126	1	-53.2		1	100	86	14
DESERT ROCK	1	900		32.5	22.6					1,515	0	26.3	18.1	0	72	201	3	3,182	0	11.6	10.4	0	63	179	3	5,897	0	-6.8	14.5	0	62	206	4	9,684	1	-33.9	12.4	1	85	224	11
		12,410	1	-53.0		1	89	220	16	14,219	1	-63.3		1	90	220	13	16,674	3	-66.0		3	89	193	6	20,973	3	-56.7		3	97	91	7	24,252	5	-51.1		5	99	93	11
EL PASO	2	883		22.2	4.8					1,527	0	21.3	7.0	0	58	88	2	3,183	0	10.5	5.0	1	55	180	3	5,899	0	-6.7	5.8	0	48	143	3	9,707	0	-32.3	10.4	1	15	69	1
		12,436	0	-54.2		0	28	7	3	14,227	0	-66.3		0	39	25	4	16,638	0	-69.8		0	88	76	5	20,876	0	-59.0		1	98	96	12	24,123	1	-53.1		1	99	90	15
ALBUQUERQUE	2	841		18.5	5.3													3,178	0	10.4	5.5	1	22	174	1	5,889	0	-7.0	7.6	1	25	170	1	9,685	0	-33.1	10.0	1	29	248	3
		12,407	1	-54.6		2	33	292	5	14,196	1	-66.3		2	18	304	2	16,611	1	-69.8		2	60	58	2	20,860	2	-58.1		3	98	89	9	24,111	4	-53.4		6	98	86	12
OKLAHOMA CITY/W ROGERS WORLD	2	969		22.4	6.4					1,540	0	20.7	8.9	0	65	238	4	3,186	0	9.0	6.9	0	57	351	3	5,887	0	-7.4	12.1	0	41	350	2	9,676	0	-33.8	10.9	0	74	355	9
		12,392	0	-54.7		0	76	350	14	14,187	0	-64.9		0	78	4	10	16,630	1	-67.1		1	85	46	5	20,905	1	-57.6		1	99	87	9	24,172	4	-52.1		4	98	85	12
VICTORIA	2	1,012		23.4	0.9					1,549	0	18.2	8.0	1	81	164	4	3,186	0	8.7	10.1	0	53	99	2	5,888	0	-7.3	13.1	0	31	84	2	9,677	0	-33.8	11.7	0	53	33	5
		12,388	0	-55.7		0	60	31	8	14,173	0	-65.8		0	80	35	9	16,598	0	-68.5		0	94	66	8	20,849	1	-59.1		1	99	89	14	24,098	3	-52.9		3	99	92	17
BROWNSVILLE	2	1,014		24.3	1.7					1,541	0	18.1	7.7	1	94	163	6	3,177	0	8.7	9.9	0	76	138	4	5,882	0	-7.3	10.4	0	56	88	3	9,672	0	-33.8	11.0	0	53	43	5
		12,382	0	-55.6		0	38	21	4	14,163	0	-67.1		0	69	20	7	16,577	0	-69.3		0	95	64	8	20,808	0	-59.8		0	99	86	16	24,044	0	-53.4		0	100	89	20
UNITED STATES-SOUTHEAST																																									
WALLOPS ISLAND	2	1,015		21.1	2.5					1,542	0	15.0	5.6	1	52	296	3	3,163	0	6.7	9.3	1	76	296	5	5,853	1	-8.4	13.6	1	81	295	7	9,617	1	-35.3	11.7	2	58	288	8
		12,321	2	-54.8		2	62	294	10	14,124	2	-62.8		2	66	302	8	16,609	2	-63.1		2	35	327	2	20,949	2	-55.7		2	95	93	7	24,247	3	-50.0		6	98	91	10
MONETT	2	966		19.7	2.6					1,548	0	18.3	7.4	0	54	265	3	3,183	0	8.3	11.5	0	47	350	2	5,880	0	-7.6	11.8	0	49	360	3	9,657	0	-34.7	10.8	0	64	352	7
		12,367	0	-54.4		0	71	348	11	14,174	1	-63.2		1	75	358	9	16,637	1	-65.2		1	79	26	4	20,936	1	-56.6		1	98	85	8	24,215	1	-51.5		1	98	89	10
NORTH LITTLE ROCK	1	995		28.4	8.0					1,544	0	17.5	4.8	0	22	296	1	3,178	0	8.1	9.7	0	37	349	2	5,876	0	-7.7	11.4	0	53	346	3	9,656	2	-34.3	8.5	2	45	291	5
		12,366	2	-54.9		2	27	300	4	14,168	2	-63.1		2	54	347	6	16,629	2	-66.6		2	77	35	4	20,911	3	-58.1		3	98	87	8	24,168	3	-52.0		3	99	88	12
LONGVIEW	2	1,001		22.6	2.2					1,553	0	18.2	6.3	1	58	256	2	3,186	0	7.6	8.7	1	43	336	2	5,882	0	-7.8	12.0	1	28	341	2	9,658	0	-34.6	10.4	1	59	9	6
		12,365	0	-55.0		1	66	6	10	14,160	0	-64.4		1	79	25	9	16,608	1	-67.4		1	88	59	7	20,889	2	-58.0		2	98	87	11	24,154	4	-52.3		4	99	89	15
NASHVILLE	2	996		20.2	0.8					1,546	0	15.6	4.4	0	48	260	3	3,170	0	7.1	12.4	0	48	289	3	5,862	0	-8.1	13.3	0	45	282	4	9,633	0	-34.9	11.3	0	38	290	6
		12,339	0	-55.0		0	38	292	7	14,136	0	-63.8		1	40	319	6	16,601	0	-65.3		2	71	34	4	20,908	1	-56.9		2	97	83	8	24,182	3	-51.7		4	97	85	11
WAYCROSS	2	1,012		21.4	0.8					1,555	0	16.7	4.7	1	46	266	2	3,184	0	7.2	7.7	1	44	270	2	5,879	0	-7.7	13.1	0	36	272	2	9,661	1	-34.2	11.2	1	12	278	1
		12,373	0	-55.0		1	12	242	2	14,163	0	-65.7		0	10	22	1	16,603	0	-66.7		0	86	59	5	20,888	0	-57.8		0	99	84	12	24,154	1	-52.0		1	99	90	15
CAPE HATTERAS	2	1,016		24.0	2.6					1,550	0	15.6	4.7	1	63	284	4	3,174	0	7.1	9.6	0	80	286	5	5,867	0	-8.2	11.9	0	73	285	6	9,639	0	-34.8	10.4	0	54	278	6
		12,346	0	-55.0		0	57	293	9	14,142	1	-64.0		1	60	305	6	16,612	1	-64.4		1	34	1	2	20,929	3	-56.5		3	99	80	9	24,218	3	-50.3		3	99	89	11
CHARLESTON	2	1,015		22.9	2.0					1,557	0	16.3	4.8	1	45	277	3	3,185	0	7.4	8.3	0	63	279	4	5,881	0	-7.9	13.4	0	51	274	3	9,660	0	-34.1	11.8	0	38	262	4
		12,369	0	-55.4		0	33	267	4	14,157	0	-65.8		0	33	326	3	16,601	0	-66.5		0	62	64	3	20,891	0	-57.3		0	99	87	11	24,164	1	-51.6		1	99	92	14
BOOTHVILLE	2	1,016		24.7	1.6					1,556	0	17.0	5.7	6	67	226	3	3,188	0	7.6	6.5	5	44	232	2	5,886	0	-7.9	7.4	4	32	242	2	9,666	1	-34.2	11.1	5	32	50	3
		12,372	2	-56.0		4	26	60	3	14,152	3	-66.5		5	26	55	3	16,588	3	-67.2		5	93	68	7	20,853	4	-58.6		7	98	85	12	24,111	5	-52.8		8	99	89	17
APALACHICOLA	2	1,016		23.3	2.1					1,559	0	16.6	5.4	0	49	210	2	3,187	0	7.2	7.9	0	38	235	2	5,879	0	-8.1	12.2	0	29	269	2	9,656	0	-34.4	12.7	0	2	99	**
		12,362	0	-55.5		0	13	144	2	14,147	1	-66.5		1	22	65	2	16,578	2	-67.2		2	95	69	6	20,846	2	-58.4		2	99	87	13	24,105	2	-52.7		3	99	90	16
WEST PALM BEACH	2	1,017		23.9	1.2					1,564	0	17.1	6.2	0	32	170	1	3,195	0	7.6	8.5	0	35	230	2	5,890	1	-8.1	11.7	1	27	190	1	9,668	2	-34.3	11.7	2	9	143	1
		12,372	2	-56.2		2	13	94	1	14,147	2	-68.0		2	33	67	3	16,574	3	-67.5		3	93	81	6	20,833	6	-59.1		6	99	91	16	24,089	6	-52.2		6	99	92	19
KEY WEST	2	1,017		27.4	4.8					1,564	0	17.3	5.6	0	70	115	3	3,197	0	8.0	10.4	0	57	146	2	5,893	0	-8.1	12.1	0	40	114	2	9,672	0	-34.2	10.7	0	3	142	**
		12,378	0	-56.4		0	22	280	2	14,150	0	-68.0		0	10	357	1	16,571	0	-68.4		1	95	73	6	20,797	0	-60.3		1	99	90	18	24,034	0	-53.3		1	100	91	21
BELIZE																																									
BELIZE INTL. AIRPORT	2	1,012		25.0	1.0					1,527	5	16.9	3.9	8	98	119	8	3,161	5	8.9	9.9	6	94	119	8	5,871	5	-6.5	13.2	6	79	115	5	9,676	5	-32.5	8.4	9	28	320	2
		12,402	6	-54.8		8	53	311	5	14,183	6	-68.3		7	61	307	7	16,576	6	-71.0		7	87	73	7	20,766	7	-61.6		8	99	99	21	23,993	7	-54.0		9	99	100	26
PANAMA																																									
HOWARD AFB	2	1,002		24.5	0.5					1,506	4	18.0	1.4	6	88	53	6	3,149	4	10.0	5.0	5	88	89	10	5,872	4	-5.5	6.7	4	63	103	7	9,695	5	-31.2	11.1	5	70	106	7
		12,432	5	-54.2		5	62	84	10	14,216	5	-68.4		5	61	62	9	16,586	5	-75.6		5	40	91	4	20,728	7	-62.4		7	99	88	49	23,925	11	-55.7					
COSTA RICA																																									
JUAN SANTAMARIA	2	909		18.5	1.4					1,496	0	17.8	3.9	0	93	85	11	3,139	0	9.1	5.1	0	84	83	14	5,841	0	-6.4	9.1	0	73	110	14	9,644	0	-31.9	11.7	0	87	85	12
		12,374	0	-54.8		0	77	66	18	14,153	0	-68.8		0	58	49	18	16,518	0	-72.4		0	64	92	13	20,639	0	-63.1		0	98	87	51	23,832	1	-55.4		1	99	86	67
ADJACENT ISLANDS																																									
GRAND CAYMAN, B.W.I.	2	1,014		26.0	2.1					1,543	0	17.5	5.2	1	96	103	7	3,178	0	8.5	10.5	0	89	111	7	5,880	0	-7.3	10.5	1	79	114	4	9,669	0	-33.7	10.8	0	27	10	2
		12,377	0	-56.3		1	48	307	5	14,146	0	-69.2		1	60	295	6	16,542	0	-71.2		0	89	86	6	20,739	1	-61.5		2	100	89	20	23,964	1	-53.9		2	100	93	24
SAN JUAN/INT., P.R.	2	1,016		24.8	1.7					1,555	0	17.1	5.6	0	94	113	8	3,190	0	8.6	14.1	0	88	120	8	5,892	0	-7.3	14.3	0	68	104	3	9,678	0	-33.9	11.6	0	29	259	3
		12,388	0	-55.6		0	37	286	4	14,169	0	-67.4		0	60	287	6	16,584	0	-71.6		0	67	99	3	20,775	0	-61.3		0	100	106	21	24,003	1	-53.6		1	99	105	24
RAIZET, GUADELOUPE	2	1,015		26.4	3.1					1,547	0	16.7	2.8	0	95	100	9	3,184	0	9.5	9.8	0	92	99	10	5,896	0	-5.6	10.9	0	74	94	4	9,707	0	-32.2	8.2	0	49	261	3
		12,436	0	-54.1		0	67	262	6	14,222	0	-67.0		0	78	270	8	16,622	0	-73.8		1	22	36	1	20,775	1	-62.7		1	99	97	21	23,988	2	-54.2		2	99	54	27
GRANTLEY ADAMS AP,BARBADOS	2	1,010		26.8	3.7					1,544	0	16.8	3.3	0	94	89	9	3,181	0	9.1	14.9	0	90	98	10	5,887	0	-6.5	15.3	0	84	91	5	9,690	0	-32.9	13.1	0	16	160	1
		12,407	0	-55.6		0	46	260	4	14,183	0	-68.4		0	65	285	5	16,568	0	-74.6		0	83	76	5	20,726	0	-62.6		0	100	89	24	23,942	2	-54.3		2	100	90	31
DR.A. PLESMAN AP,CURACAO	3	1,006		26.7	3.3					1,519	6	17.8	4.4	7	96	95	10	3,158	6	9.3	11.4	7	96	96	10	5,872	6	-6.2	13.6	7	91	91	7	9,674	7	-32.7	11.1	7	29	186	2
		12,395	7	-55.0		7	58	264	5	14,176	9	-68.5		9	67	286	6	16,562	16	-74.6		16	71	81	4	20,715	21	-62.2		21	99	82	24	23,923	22	-54.8		23	99	81	32

UPPER AIR DATA

AUGUST 1984

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
SOUTH AMERICA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
VENEZUELA																																									
MARACAY-B.A. SUCRE		961		22.4	1.7					1,500		16.6	2.3		82	111	75	3,133		7.9	7.0		90	112	14	5,842		-6.7	10.8		93	147	27	9,650		-32.1	13.2		57	121	69
		12,383		-54.6	1.1		17	263	22	14,415		-68.8			47	311	63	16,512		-76.8			14	326	18	20,637	4	-63.6						23,813	8	-56.5					
SAN ANTONIO DEL TACHIRA		969		23.6	4.0					1,500		18.3	4.6		98	150	14	3,138		7.7	1.9		76	150	12	5,843		-6.9	9.3	8	3	125	13	9,639		-32.9	10.7		94	135	10
		12,360		-55.0			34	70	4																																
FRENCH GUIANA																																									
CAYENNE/ROCHAMBEAU	2	1,013		23.6	0.6					1,525	0	17.2	5.6	1	89	113	6	3,158	0	8.9	8.0	2	95	92	7	5,870	0	-6.3	9.4	6	96	86	10	9,687	0	-31.1	14.1	6	70	88	6
		12,427	0	-53.1		7	21	48	2	14,220	0	-66.7		7	49	287	4	16,595	0	-77.3		7	65	89	5	20,668	0	-66.3		8	99	88	24	23,837	1	-56.4		8	99	87	34
COLOMBIA																																									
GAVIOTAS/VICHADA	2	985		23.0	1.2					1,445	3	18.0	3.4					3,075	3	8.4	2.4					5,786	3	-6.3	5.3					9,576	5	-33.5	7.2				
		12,306	7	-58.0																																					
BRAZIL-NORTHERN																																									
MANAUS AERO PONTA PELADA		1,004		25.8	3.2					1,539	5	18.3	4.8	5	94	97	8	3,182	5	8.7	8.4	5	97	96	8	5,893	5	-6.3	16.2	5	96	91	10	9,698	5	-32.5	17.6	5	18	76	1
		12,437	5	-52.1		5	31	293	3	14,242	5	-65.1		5	79	267	8																								
CACHIMBO		961		19.3	3.6					1,508	12	19.3	9.9	11	92	74	11	3,149	11	8.4	13.7	11	80	64	7	5,864	11	-6.3	23.4	11	58	66	5	9,662	11	-33.5	18.6	12	28	240	4
		12,374	12	-54.5		12	23	221	4	14,164	11	-67.9		12	63	243	9	16,545	15	-77.3		16	69	274	8																
BELEM/AERO VAL DE CAS		1,012		26.4	3.8					1,537	3	18.3	9.1	2	96	106	7	3,174	3	8.8	13.9	2	96	90	7	5,885	3	-6.2	21.6	2	96	78	7	9,690	4	-32.9	21.1	3	62	81	5
		12,417	4	-52.0		3	56	272	6	14,212	4	-67.2		4	74	256	7	16,570	7	-78.7		9	12	93	1	20,672	14	-66.0		16	97	78	18								
SAO LUIZ		1,007		27.0	3.6					1,533	2	18.6	6.3	1	89	131	7	3,170	2	10.0	15.1	1	93	103	7	5,887	3	-4.6		1	92	91	8	9,725	4	-30.8		2	55	98	5
		12,471	5	-53.1		4	42	276	4	14,279	6	-66.1		4	75	277	8	16,633	7	-78.0		5	24	268	2	20,740	11	-66.1		11	98	98	20	23,921	15	-56.0		15	94	89	25
FERNANDO DE NORONHA		1,008		26.2	4.0					1,536	4	16.0	6.4	4	96	116	8	3,169	4	9.8	18.4	4	92	90	6	5,872	4	-5.4	26.5	4	90	93	8	9,707	4	-31.7	21.0	4	69	69	6
		12,442	4	-53.5		4	62	282	6	14,229	6	-66.5		6	86	274	9	16,594	8	-78.5		8	1	26	0																
NATAL /AUGUSTO SEVERO/		1,010		26.8	5.0					1,534	13	15.3	6.5	13	98	135	9	3,174	13	9.4	25.7	13	74	101	4	5,888	13	-5.0	26.0	13	86	87	7	9,723	13	-31.7	21.7	13	47	107	4
		12,466	13	-53.0		13	54	269	6	14,270	13	-65.8		13	91	280	11	16,528	13	-77.2		13	33	317	2																
CAROLINA		992		27.6	8.1					1,541	12	18.9	6.8	8	96	93	6	3,170	12	7.9	8.6	8	82	113	5	5,885	12	-4.8		8	90	99	7	9,700	13	-31.7		10	10	60	1
		12,428	15	-53.3		12	59	298	5	14,219	15	-67.2		12	68	278	5																								
PETROLINA		974		22.7	5.2					1,538	3	15.5	7.2	3	94	149	6	3,169	3	9.6	23.9	3	74	159	4	5,881	5	-5.0	28.1	5	73	121	5	9,692	5	-32.1		5	18	274	2
		12,422	6	-53.6		6	64	292	9	14,213	6	-66.7		6	85	299	11	16,593	8	-76.7		8	45	271	4	20,707	11	-63.4		11	72	111	12								
RECIFE /CURADO/		1,016		25.6	3.3					1,547	2	15.6	3.7	1	85	113	6	3,174	2	9.8	17.0	1	52	106	3	5,893	4	-4.5		2	52	89	6	9,712	6	-31.5		2	4	92	0
		12,463	9	-53.0		3	59	259	7	14,262	10	-66.2		5	54	256	7	16,637	12	-75.9		8	32	285	2	20,754	14	-62.9		15	90	82	14								
SALVADOR (OLINDA)		1,011		24.4	4.1					1,543	4	14.0	4.7	4	90	101	8	3,177	4	8.7	17.1	4	70	106	6	5,871	4	-5.9	25.8	4	11	34	1	9,675	6	-33.9	20.7	6	58	252	10
		12,384	8	-55.1		8	72	236	18	14,170	8	-66.5		8	74	260	14	16,543	12	-74.8		12	77	265	10	20,737	16	-61.7		15	59	92	8								
BRAZIL-SOUTHERN																																									
CAMPO GRANDE		951		19.5	7.2					1,524	7	17.0	12.2	7	50	359	4	3,152	7	6.5	10.6	7	70	310	8	5,840	7	-10.4	19.3	10	83	291	11	9,582	7	-36.4	15.9	11	91	289	24
		12,288	7	-54.3						14,085	7	-64.8						16,503	7	-71.9																					
BRASILIA/AEROPORTO/		900		19.0	7.5					1,551	2	17.3	8.4	1	72	77	5	3,189	2	8.0	12.7	1	42	331	3	5,891	3	-7.4	20.0	1	72	282	9	9,677	2	-33.6	19.8	6	83	264	20
		12,387	3	-54.9		16	82	249	20	14,160	5	-66.8						16,563	6	-74.3						20,737	9	-61.5						23,932	11	-55.9					
TRINIDADE/ILHA/		1,022		23.9	6.3					1,564	6	10.8	6.7	7	70	108	3	3,178	7	6.5	17.6	7	38	192	2	5,849	7	-5.4	28.4	8	76	271	8	9,607	7	-37.2	22.3	7	91	270	26
		12,288	7	-57.5		8	78	254	17	14,062	7	-66.7		8	95	264	18	16,475	8	-71.7		9	95	269	14	20,670	12	-61.8		14	89	107	6								
RIO DE JANEIRO/AERO GALEAO		1,017		20.3	3.8					1,560	2	13.4	7.8	1	51	346	7	3,171	2	5.5	13.6	1	82	299	8	5,843	2	-10.3	20.0	3	93	286	16	9,543	1	-37.5	17.0	13	96	288	29
		12,274	1	-58.5						14,051	2	-64.6						16,488	2	-70.4						20,718	9	-60.3						23,934	14	-53.9					
SAO PAULO(AEROPORTO)		928		14.9	4.0					1,541	1	12.4	6.0	1	38	2	3	3,152	4	5.0	14.5	3	90	298	8	5,818	1	-11.6	20.1	3	92	360	4	9,533	1	-38.1	17.7	12	92	284	23
		12,216	2	-55.9						14,005	3	-64.1						16,452	3	-69.4						20,697	10	-60.6						23,926	11	-55.2					
CURITIBA/AERO AFONSO PENA		916		11.9	3.0					1,546	6	11.3	9.4	5	40	350	3	3,151	6	4.4	14.6	5	79	284	9	5,790	7	-11.5	22.7	8	88	277	16	9,542	7	-38.4	19.6	13	95	276	28
		12,223	7	-54.8						14,030	7	-60.6						16,534	7	-65.8						20,827	10	-56.9						24,084	13	-51.8					
PORTO ALEGRE/AERO S.FILHO		1,019		12.4	3.0					1,516	1	7.3	7.6	3	53	271	4	3,095	1	2.8	15.9	3	75	256	8	5,715	1	-16.3	15.2	3	82	255	16	9,360	2	-43.0		13	86	256	22
		11,997	3	-57.2						13,799	3	-59.2						16,320	3	-62.7						20,631	9	-58.1						23,887	15	-53.8					
ANTARCTICA																																									
BELLINGSHAUSEN		989		-4.1	1.7					1,228	0	-9.3	3.8	0	72	264	10	2,723	0	-17.0	6.3	0	72	256	12	5,158	0	-33.8	5.6	0	69	252	13	8,551	0	-57.8	4.5	0	66	256	19
		11,042	0	-67.0	4.5	0	76	260	23	12,781	1	-67.6	4.3	1	82	263	27	15,216	4	-71.6	4.5	6	86	269	35	19,264	14	-76.3	4.5	9	93	261	50								
NOVOLAZAREVSKAJA		976		-22.3	8.2					1,155	0	-23.2	9.5	0	91	106	9	2,563	0	-27.8	8.5	1	51	148	5	4,924	0	-41.1	7.1	0	57	223	7	8,230	0	-62.1	5.8	0	75	236	13
		10,667	0	-72.3	5.2	0	85	244	14	12,344	0	-75.9	5.1	0	90	249	15	14,659	1	-80.3	4.9	1	93	255	18	18,513	8	-85.4	5.0	8	92	263	24	21,290	14	-85.6	5.0	9	93	267	29
SYOWA	1	987		-19.5	6.0					1,133	0	-21.2	6.7	0	82	33	16	2,556	0	-25.2	9.0	0	33	337	5	4,926	0	-40.5		0	50	309	12	8,233	0	-62.6		0	65	289	20
		10,664	0	-72.5		0	76	278	24	12,339	0	-75.9		0	89	270	31	14,656	0	-79.7		0	95	269	38	18,534	1	-83.2		1	97	270	55	21,388	4	-82.2		4	98	272	70
MOLODEZNAJA		985		-18.6	4.8					1,140	0	-19.6	5.1	0	62	61	5	2,569	0	-24.1	5.6	0	19	370	2	4,961	0	-37.9	5.2	0	50	283	6	8,305	0	-60.3	4.1	0	62	281	10
		10,758	0	-71.6	3.8	1	78	273	14	12,449	2	-74.2	3.7	2	90	269	18	14,786	3	-79.9	3.6	3	95	267	24																
MIRNYJ		978		-15.4	3.2					1,114	1	-18.7	3.8	1	95	82	12	2,549	1	-23.7	4.6	1	61	63	6	4,943	1	-38.4	5.4	1	54	31	7	8,287	1	-60.2	5.2	1	41	336	6
		10,740	2	-70.1	4.8	2	63	288	10	12,437	4	-72.6	4.9	5	84	278	16	14,800	9	-76.1	4.8	9	93	273	24	18,752	18	-79.4	5.6	9	95	266	38	21,695	21	-77.5	6.7	9	97	256	50
DUMONT D'URVILLE	1	991		-14.0	4.6					1,200	0	-16.5	5.5	0	71	115	20	2,655	0	-19.4	5.5	0	20	279	6	5,085	0	-34.4	6.2	0	57	280	24	8,465	0	-59.3		0	66	271	40
		10,926	0	-69.7		1	80	280	49	12,633	0	-71.2		3	89	279	53	15,014	1	-74.7		5	94	280	70	19,026	2	-76.1						21,979	4	-75.2					
LENINGRADSKAJA		950		-19.3	4.6					1,143	0	-18.2	6.4	1	35	159	3	2,589	0	-21.2	7.6	1	64	257	9	5,016	0	-34.1	6.4	0	78	268	18	8,424	0	-56.4	4.9	0	80	267	25
		10,920	0	-67.7	4.3	1	86	270	26	12,620	2	-70.8	4.3	3	90	269	27	14,981	7	-72.8	4.8	8	94	273	31	18,997	10	-76.2	4.9	9	96	271	41	21,968	14	-76.8	5.4	9	98	272	51
MCMURDO	1	987		-23.5						1,111	0	-25.9		0	38	200	16	2,502	0	-31.1		0	72	207	18	4,828	0	-42.0		1	65	218	24	8,109	1	-63.8		3	67	242	22
		10,530	5	-71.8		8	84	260	23	12,194	9	-75.5		9	78	265	23	14,533	24	-78.6		9	87	274	30																
VOSTOK		624		-68.6	2.6																					4,969	0	-45.9	3.0	0	62	244	7	8,207	0	-67.3	2.7	0	71	254	10
		10,573	0	-77.9	2.5	0	79	269	10	12,203	0	-81.2	2.4	0	88	276	10	14,456	0	-85.4	2.3	2	93	281	11	18,233	13	-89.9	2.2	9	97	290	15	20,993	22	-90.0	2.3				
AMUNDSEN-SCOTT	1	687		-60.2														2,643								4,911	0	-42.5		0	47	290	10	8,167	0	-67.5		0	46	232	11
		10,534	6	-78.7																																					

UPPER AIR DATA

AUGUST 1984

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
GREENLAND																																									
DANMARKSHAVN	3	1,005		1.7	2.9					1,360	0	-1.0	6.5	0	41	229	3	2,850	0	-6.9	7.5	0	51	215	5	5,433	0	-21.2	7.3	0	47	214	7	9,040	0	-45.3		0	52	213	12
		11,718	0	-46.1		0	63	220	10	13,637	0	-45.0		0	67	224	7	16,344	0	-45.3		0	63	224	5	20,972	2	-44.6		2	47	172	2	24,392	2	-44.4		2	70	148	2
SCORESBYSUND	3	999		4.2	3.1					1,378	0	2.5	10.8	0	30	252	2	2,923	0	-5.1	11.9	0	42	229	4	5,492	0	-20.0	13.2	0	52	231	8	9,085	0	-45.3		0	52	235	11
		11,744	0	-47.9		0	62	234	9	13,645	0	-47.1		0	71	230	8	16,321	0	-48.1		0	68	222	5	20,903	0	-46.9		0	49	168	2	24,289	0	-46.1		0	78	134	3
EGEDESMINDE	3	998		4.3	3.2					1,327	0	-1.1	5.5	0	43	194	3	2,853	0	-8.7	6.8	0	56	201	6	5,390	0	-23.0	9.5	0	70	214	11	8,908	0	-47.6		2	89	237	19
		11,615	0	-44.2		4	66	236	9	13,542	0	-44.7		4	68	238	7	16,242	0	-45.9		4	62	242	4	20,853	0	-46.0		4	30	175	1	24,258	0	-45.2		4	49	232	2
ANGMAGSSALIK	3	999		5.9	2.3					1,367	0	1.3	6.6	0	55	76	4	2,913	0	-5.0	6.0	0	28	165	3	5,487	0	-19.8	7.9	0	40	231	6	9,089	0	-44.3		0	46	248	11
		11,769	0	-46.4		0	65	243	10	13,678	0	-46.6		0	72	235	9	16,363	0	-47.3		0	74	230	6	20,954	0	-46.5		0	64	174	3	24,345	1	-45.6		1	77	123	3
NARSSARSSUAQ	3	1,006		8.1	2.9					1,374	0	2.2	6.1	0	37	200	2	2,922	0	-4.3	8.2	0	47	252	5	5,504	0	-18.8	10.6	0	59	251	10	9,112	0	-44.5		0	52	244	14
		11,778	0	-48.2		0	68	250	14	13,673	0	-48.2		0	75	254	11	16,336	0	-49.5		0	74	248	7	20,889	0	-48.2		0	59	208	3	24,252	0	-46.3		0	16	128	1
UNITED KINGDOM																																									
LERWICK	3	1,008		12.6	2.2					1,494	0	6.0	6.5	0	70	262	6	3,065	0	-0.6	12.0	0	76	260	7	5,675	0	-16.5	12.9	0	69	265	9	9,311	0	-43.8		0	55	268	11
		11,945	0	-54.3		0	56	270	10	13,800	0	-52.4		0	65	269	7	16,421	0	-52.0		0	67	270	4	20,932	0	-49.9		0	9	74	4	24,279	0	-48.5		0	68	89	3
STORNOWAY	3	1,017		14.0	2.5					1,503	0	6.4	4.8	0	61	228	5	3,076	0	-0.5	10.0	0	60	244	6	5,691	0	-15.8	10.7	0	61	249	8	9,331	0	-43.6		0	60	264	11
		11,966	0	-54.4		0	59	268	10	13,818	0	-51.9		0	66	264	7	16,438	0	-51.8		0	68	260	4	20,949	1	-49.9		0	4	124	1	24,303	2	-47.7		0	67	92	3
AUGHTON	0	1,012		17.6	4.7					1,519	0	8.4	5.1	0	33	220	2	3,100	0	0.4	8.7	0	31	238	2	5,722	0	-15.5	9.4	0	28	272	3	9,370	0	-43.1		0	35	244	5
		12,007	0	-55.2		0	43	294	6	13,852	0	-53.7		0	52	284	5	16,457	0	-53.5		0	52	271	3	20,938	0	-51.2		0	30	49	1	24,267	1	-48.5		0	32	72	1
CRAWLEY	3	1,002		17.0	3.6					1,526	0	8.7	5.3	0	15	189	1	3,108	0	0.2	9.5	0	20	222	2	5,729	0	-15.5	11.7	0	31	261	3	9,376	0	-42.8		0	30	298	5
		12,016	0	-54.6		0	41	296	6	13,862	0	-54.0		0	48	283	5	16,461	0	-54.1		0	65	274	4	20,924	0	-51.9		0	29	49	1	24,251	0	-48.7		0	45	68	2
IRELAND																																									
VALENTIA OBSERVATORY	3	1,017		16.4	3.1					1,514	0	8.5	6.1	0	29	233	3	3,100	0	1.7	12.2	0	32	252	3	5,733	0	-14.1	13.0	0	31	277	4	9,400	0	-41.5	10.1	0	28	297	6
		12,051	0	-54.3		0	51	295	10	13,895	0	-54.1		0	58	291	7	16,495	0	-53.8		0	58	286	4	20,958	15	-51.0		15	20	90	1	24,307	20	-47.3		20	57	90	2
DENMARK AND FAROE IS																																									
THORSHAVN	3	1,009		11.3	2.6					1,465	0	5.0	6.1	0	71	247	6	3,032	0	-1.7	11.1	0	73	248	8	5,637	0	-17.1	9.3	0	76	249	10	9,267	0	-43.8	4.5	0	65	253	14
		11,920	0	-51.6		0	66	255	11	13,794	0	-50.4		0	70	256	8	16,436	0	-50.3		0	70	260	5	20,980	1	-48.4		1	18	251	1	24,340	4	-47.1		1	43	264	9
KOBENHAVN/JAEGERSBORG	3	1,012		17.7	4.8					1,510	0	8.8	5.1	0	41	273	3	3,094	0	0.8	10.7	0	46	279	4	5,721	0	-15.0	10.9	0	48	275	6	9,378	0	-42.7	8.7	0	46	272	8
		12,008	0	-56.2		0	53	278	8	13,854	0	-53.1		0	57	280	6	16,469	0	-52.5		0	51	290	3	20,973	0	-49.8		0	33	70	1	24,327	0	-47.2		0	65	104	3
NORWAY																																									
BJORNOYA	3	1,010		5.0	2.2					1,411	1	0.0	4.7	1	37	246	3	2,950	0	-6.3	8.6	0	37	264	3	5,511	0	-20.8	9.9	1	27	311	3	9,085	1	-46.2	8.4	2	30	336	6
		11,757	1	-46.7	17.4	1	39	323	5	13,669	1	-45.7	20.3	1	48	311	4	16,367	1	-46.3	20.7	1	50	310	3	20,978	1	-45.3	21.2	1	31	41	1	24,385	4	-44.1	21.3	4	64	63	2
JAN MAYEN	3	1,008		5.2	1.7					1,396	0	2.3	7.9	0	47	228	5	2,945	0	-4.6	11.5	0	50	231	6	5,525	0	-18.8	14.2	0	46	239	7	9,136	1	-45.1	10.6	1	43	264	9
		11,805	1	-48.0	26.3	1	63	255	9	13,709	1	-47.0	31.6	2	64	248	6	16,391	1	-47.1	31.8	2	64	243	4	20,990	2	-46.0	31.5	5	32	166	1	24,392	2	-45.1	31.1	3	77	131	2
BODO	3	1,012		11.2	2.1					1,447	0	2.8	3.6	0	80	247	6	2,998	0	-4.7	4.4	0	65	269	7	5,579	0	-18.6	5.1	0	53	283	8	9,187	0	-45.1		0	51	293	12
		11,841	0	-48.7		0	58	298	10	13,749	0	-47.3		0	61	298	7	16,149	0	-48.1		0	50	300	4	21,015	0	-46.5		0	43	50	2	24,407	1	-45.3		1	70	80	4
ORLAND	3	1,015		12.7	2.7					1,474	0	4.5	3.4	0	79	260	8	3,037	0	-2.8	5.6	0	66	260	8	5,637	0	-17.0	5.6	0	62	270	9	9,271	0	-43.8		0	59	280	13
		11,924	0	-50.6		0	58	290	10	13,810	0	-48.7		0	63	280	8	16,471	0	-49.2		0	60	290	4	21,037	0	-47.2		0	26	50	1	24,422	1	-46.0		0	67	80	3
STAVANGER/SOLA	3	1,013		14.2	2.8					1,472	0	7.4	6.5	0	30	284	3	3,074	0	-0.3	9.5	0	62	270	6	5,688	0	-16.3	9.8	0	69	283	9	9,330	0	-42.9		1	46	262	9
		11,967	1	-54.2		1	48	275	8	13,827	1	-51.4		1	59	277	6	16,443	1	-51.9		1	61	280	4	20,942	2	-49.9		3	38	52	2								
OSLO/GARDERMOEN	3	992		14.7	3.7					1,492	0	7.9	5.5	0	49	237	3	3,069	0	-0.8	9.1	0	46	264	5	5,681	0	-16.3	10.7	0	58	268	9	9,325	0	-43.3		0	48	270	12
		11,969	0	-53.1		0	45	279	9	13,839	0	-50.7		0	47	276	6	16,481	0	-50.8		0	35	280	3	21,025	0	-48.2		0	29	56	2	24,401	0	-46.1		0	44	77	2
FINLAND																																									
SODANKYLA	3	991		10.7	5.1					1,454	0	2.3	3.1	0	31	310	2	3,009	0	-6.0	44.0	5	4	307	5	5,576	0	-21.6	6.1	0	62	309	8	9,145	0	-46.2	5.1	0	60	313	13
		11,823	0	-46.4		0	66	315	9	13,751	0	-46.3		0	72	317	7	16,395	1	-47.5		0	64	322	3	21,003	10	-46.7													
JYVASKYLA/LUONETJARVI	3	997		13.0	5.7					1,469	0	4.9	3.7	0	55	307	4	3,028	0	-3.4	8.7	0	61	305	6	5,611	0	-18.9	10.0	0	68	305	9	9,218	0	-45.4	7.8	0	70	310	14
		11,867	0	-49.5		0	77	309	11	13,756	0	-48.4		0	81	310	8	16,419	0	-48.8		0	72	315	4																
JOKIOINEN	3	1,002		13.9	3.8					1,479	0	5.9	3.8	0	54	311	5	3,044	0	-2.4	7.6	0	60	307	7	5,639	0	-17.8	9.1	0	69	304	10	9,259	0	-44.9	6.7	0	69	305	15
		11,896	0	-51.3		0	77	305	13	13,776	0	-49.5		0	80	307	9	16,428	0	-50.0		0	76	309	5	20,979	1	-47.9		0	24	36	1								
FRANCE																																									
BREST/GUIPAVAS	1	1,007		14.8	1.5					1,522	0	8.4	6.7	2	22	268	2	3,107	0	1.5	13.8	2	40	282	3	5,741	0	-14.2	12.1	2	32	284	4	9,419	1	-40.9	9.3	2	32	296	6
		12,079	1	-54.4		2	49	298	9	13,921	1	-54.3		2	61	290	9	16,512	3	-54.9		3	69	284	5	20,955	4	-52.8		5	20	352	0	24,263	7	-50.4		8	65	70	3
TRAPPES	1	999		15.7	2.3					1,526	0	8.9	3.6	1	12	295	1									5,739	0	-15.0	9.8	1	32	270	3	9,397	1	-42.2		1	38	264	5
		12,044	3	-55.1		2	53	296	7	13,884	3	-54.4		2	62	295	7	16,474	4	-55.1		2	70	279	5	20,921	8	-52.8		4	15		**	24,234	8	-49.8		4	69	82	3
NANCY/ESSEY	2	994		21.5	8.0					1,535	0	10.1	4.4	0	7	207	0	3,127	1	1.4	8.3	1	24	225	1	5,760	1	-14.0	10.5	0	29	238	2	9,431	1	-41.4	7.7	0	35	225	5
		12,080	1	-54.5		0	45	260	6	13,929	1	-53.3		0	58	268	6	16,535	2	-53.7		1	64	271	4	21,003	3	-50.9		3	13	118	0	24,350	5	-47.8		4	70	103	3
LYON/SATOLAS	2	991		22.0	8.9					1,534	0	10.9	6.8	1	23	357	1	3,129	0	1.8	10.0	1	28	223	2	5,768	0	-13.6	13.2	1	45	272	4	9,443	0	-41.0		1	48	262	7
		12,099	0	-54.0		1	59	271	9	13,949	0	-54.0		1	76	273	9	16,539	0	-55.1		1	69	264	5	20,987	2	-52.2		3	46	103	1	24,319	4	-48.7		5	92	104	5
BORDEAUX/MERIGNAC	1	1,014		16.9	2.6					1,538	0	10.2	5.7	1	35	260	2	3,129	0	1.7	10.2	1	65	271	5	5,769	1	-13.7	12.6	2	65	267	8	9,441	2	-41.1		2	59	266	10
		12,098	2	-54.0		2	66	274	12	13,941	3	-54.9		2	77	276	12	16,522	3	-56.1		2	83	275	7	20,952	6	-53.6		5	28	44	1	24,265	7	-50.4		6	95	82	6
NIMES/COURBESSAC	1	1,010		19.9	6.4					1,530	2	12.1	6.4	2	54	355	5	3,133	3	2.8	8.3	2	47	301	4	5,778	3	-13.6	10.4	3	51	287	5	9,448	4	-41.3		3	55	281	8
		12,101	4	-54.4		3	73	275	12	13,942	4	-55.2		3	78	274	11	16,516	4	-56.4		3	83	270	8	20,937	5	-53.8		3	42	58	1	24,243	5	-50.5		3	96	91	6
AJACCIO/CAMPO DEL ORO	2	1,015		25.4	6.6					1,522	0	13.0	7.0	1	28	257	1	3,128	0	3.4	9.7	1	66	286	5	5,780	0	-12.2	14.0	2	81	276	10	9,475	0	-39.8	10.7	2	79	275	14
		12,139	0	-53.5		2	83	274	18	13,984	0	-55.5		3	86	271	16	16,553	[illegible]	-56.9		3	85	262	10	20,970	1	-53.6		6	77	109	3	24,281	4	-50.3		8	95	112	7
NETHERLANDS																																									
DE BILT	1	1,018		15.5	1.8					1,526	0	9.7	7.1	0	21	251	1	3,112	0	0.7	12.0	3	1	256	2	5,740	0	-15.2	18.1	0	34	246	3	9,394	0	-43.1		0	41	222	6
		12,023	0	-56.1		0	35	249	5	13,865	0	-54.1		0	50	272	5	16,465	0	-54.4		0	54	283	3	20,934	3	-51.9		0	16	46	1	24,266	5	-48.7		1	46	98	2

UPPER AIR DATA

AUGUST 1984

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
SWITZERLAND																																									
PAYERNE/ STN. AEROLOGICAL	3	961		17.9	5.9					1,531	0	11.8	5.7	0	29	41	2	3,127	0	1.7	6.4	0	32	214	2	5,761	0	-14.1	9.9	0	35	257	3	9,425	0	-42.6	7.3	0	39	254	6
		12,060	0	-55.0	6.3	0	56	268	9	13,900	0	-55.0		0	68	267	8	16,484	0	-55.6		1	67	270	4	20,912	0	-53.4		3	28	99	1	24,217	2	-50.1		5	87	91	5
AUSTRIA																																									
WIEN/HOHE-WARTE	3	995		19.7	7.8					1,536	0	10.9	5.5	0	11	302	2	3,129	0	2.0	11.6	0	31	316	4	5,765	0	-14.1	12.6	0	37	311	6	9,430	0	-42.3		0	29	311	7
		12,068	0	-55.4		0	37	294	9	13,911	0	-54.0		0	67	278	12	16,507	0	-54.3		0	77	267	9	20,969	0	-51.8		0	18	159	1	24,300	4	-48.8		4	78	111	8
CZECHOSLOVAKIA																																									
LIBUS	3	982		18.5	6.5					1,529	0	11.3	4.0	0	6		**	3,124	0	2.0	7.6	0	28	312	2	5,764	0	-13.8	9.7	0	28	297	2	9,437	0	-42.1	6.8	0	22	301	3
		12,068	0	-57.4	5.8	0	32	276	4	13,901	0	-55.0	6.3	0	52	275	5	16,490	0	-55.1		0	58	274	3	20,945	3	-52.4		3	6		**	24,251	9	-50.2		9	52	68	2
POPRAD/GANOVCE	3	936		15.3	4.7					1,527	0	10.9	4.9	0	23	46	1	3,114	0	0.5	4.9	0	30	292	2	5,742	0	-14.6	7.0	0	32	321	3	9,404	0	-42.2	6.9	0	42	334	5
		12,038	0	-56.3	5.9	0	52	314	7	13,876	0	-54.3	6.5	0	70	290	6	16,467	0	-55.0		0	83	267	5	20,912	0	-52.8		1	25	217	5	24,212	3	-50.6		4	61	113	3
HUNGARY																																									
BUDAPEST/LORINC	9	1,000		20.0	8.1					1,521	6	11.2	5.9	8	3	23	**	3,114	6	1.2	7.0	7	19	289	1	5,748	6	-14.4	10.1	7	34	303	3	9,410	9	-42.3	7.0	10	31	307	4
		12,050	9	-55.2		10	53	286	6	13,894	13	-53.8		14	77	280	7	16,493	18	-54.6		19	86	267	6	20,943	28	-52.9		29	18	202	1	24,256	51	-49.7		52	70	99	3
SZEGED	3	1,007		20.2	7.7					1,529	0	11.8	6.3	5	12	34	1	3,126	0	2.0	7.4	2	24	321	1	5,766	0	-13.9	9.9	1	43	311	3	9,436	0	-42.1	6.8	0	47	301	6
		12,083	0	-54.2		0	65	286	8	13,933	0	-53.7		0	84	272	9	16,528	1	-55.1		1	90	258	7	20,969	6	-53.0		6	44	147	2	24,284	25	-49.8		25	70	103	4
POLAND																																									
LEBA	3	1,017		17.5	3.6					1,519	0	9.3	4.9	0	35	255	3	3,106	0	0.8	7.2	0	45	290	4	5,736	0	-14.8	9.1	0	50	295	6	9,402	0	-42.4	4.7	0	54	300	9
		12,033	0	-56.9		0	59	300	10	13,875	0	-53.7		0	63	290	7	16,487	1	-53.3		1	66	290	4	20,976	2	-50.7		2	23	290	1	24,322	7	-47.8		7	42	105	2
POZNAN-LAWICA	3	1,008		19.2	7.8					1,532	0	9.1	5.0	0	28	265	2	3,119	0	0.8	9.2	0	20	290	2	5,753	0	-14.5	10.5	0	34	305	3	9,418	0	-42.5	5.0	0	37	315	5
		12,049	1	-57.2		1	45	300	7	13,884	1	-54.3		1	60	290	6	16,489	3	-54.0		3	61	285	4	20,956	9	-51.4		9	22	245	1	24,286	13	-48.5		13	32	110	2
LEGIONOWO	3	1,006		19.0	7.4					1,526	1	9.8	4.7	1	31	280	2	3,112	1	0.2	9.3	1	50	310	3	5,740	1	-14.9	9.7	1	54	310	6	9,401	2	-42.6	8.2	2	60	320	8
		12,036	2	-56.2		2	66	310	9	13,878	2	-53.6		2	73	300	7	16,481	2	-53.8		2	82	280	5	20,964	5	-51.3		5	25	235	1	24,298	7	-48.9		7	49	120	2
WROCLAW I-MALY GADOW	1	1,004		15.1	2.0					1,525	0	10.2	4.3	0	18	285	1	3,113	0	1.2	6.3	0	12	315	1	5,751	0	-13.7	9.5	0	24	315	3	9,431	0	-40.8	8.1	3	42	320	6
		12,080	0	-55.9		13	58	315	9	13,920	6	-54.2						16,484	16	-54.4																					
GIBRALTAR																																									
NORTH FRONT	3	1,018		23.9	4.3					1,550	0	18.3	14.9	0	31	137	2	3,190	0	10.1	22.5	0	94	249	8	5,885	0	-9.5	17.4	0	94	255	12	9,620	0	-37.8	15.0	0	86	267	12
		12,298	0	-56.0		0	90	268	18	14,106	0	-60.6		0	93	265	18	16,604	0	-63.5		0	86	263	8	20,921	0	-56.9		0	94	90	7	24,138	1	-52.9		0	96	90	11
PORTUGAL																																									
LAJES /ACORES/	1	1,013		21.1	3.5					1,605	0	12.7	5.4	2	38	360	2	3,220	0	5.7	1.0	5	22	355	2	5,890	0	-10.0		3	49	320	4	9,620	1	-38.8		1	19	350	2
		12,270	3	-58.0		3	19	325	2	14,080	6	-60.4		6	39	300	4	16,590	7	-59.6		8	49	300	2																
LISBOA/GAGO CONTINHO	2	1,005		24.5	11.8					1,541	1	16.3	25.5	2	23	2	1	3,161	1	7.8	24.6	2	44	278	3	5,839	1	-9.4	22.8	2	71	275	7	9,561	1	-38.7	18.8	3	69	275	10
		12,238	1	-56.2	17.5	8	84	275	14	14,048	1	-56.7	19.9	8	93	272	14	16,601	1	-58.2		5	77	275	5	21,018	6	-52.0													
MADEIRA																																									
FUNCHAL	2	1,013		22.7	6.4					1,554	0	14.8	17.3	0	60	15	3	3,180	0	8.8	28.9	0	26	275	2	5,880	0	-8.2	26.7	0	44	250	4	9,640	1	-35.8	19.7	1	69	245	10
		12,340	1	-53.8		1	82	250	18	14,160	3	-60.3		3	89	255	17	16,640	3	-65.5		3	72	255	7	20,950	7	-56.4		7	97	105	9	24,230	9	-51.9		9	98	95	14
SPAIN																																									
LA CORUNA	3	1,012		18.5	4.2					1,542	0	11.5	9.4	0	31	334	2	3,143	0	3.9	16.3	0	55	291	5	5,800	0	-11.8	15.2	0	67	291	9	9,499	0	-39.6	8.3	0	73	292	14
		12,165	0	-54.4		0	75	293	15	13,987	0	-57.2		0	83	285	11	16,546	0	-57.4		0	80	283	6	20,958	0	-53.6		1	78	78	3	24,272	1	-49.0		2	97	88	7
MADRID/BARAJAS	3	946		22.9	13.9					1,549	0	16.4	11.8	0	11	272	1	3,166	0	5.3	14.2	0	75	261	5	5,833	0	-11.1	18.0	0	85	276	11	9,543	0	-39.5	12.2	0	79	281	14
		12,204	0	-55.6		0	85	280	18	14,025	0	-58.0		0	89	277	15	16,569	0	-58.9		0	83	272	6	20,955	0	-54.5		0	92	88	5	24,268	1	-49.6		1	99	93	10
PALMA/SON BONET	3	1,012		24.6	7.6					1,546	0	15.1	12.4	0	38	321	2	3,162	0	5.6	17.1	0	83	282	7	5,825	0	-11.4	23.1	0	90	275	14	9,525	0	-41.1	21.0	0	92	274	18
		12,177	0	-55.9		0	90	275	21	13,997	0	-58.2		0	90	269	16	16,528	0	-60.3		0	88	267	9	20,880	0	-55.4		0	86	90	5	24,174	0	-51.3		1	97	97	10
ITALY																																									
UDINE/CAMPOFORMIDO	3	1,005		21.8	6.1					1,524	0	12.7	8.3	0	16	90	1	3,120	0	2.5	10.5	0	26	310	3	5,761	0	-13.4	15.6	0	39	293	7	9,432	0	-42.5		0	45	288	13
		12,075	0	-54.9		0	55	282	16	13,918	0	-54.6	26.3	0	73	277	18	16,506	0	-55.4	26.7	0	80	268	13	20,946	0	-52.7	27.0	0	7	201	1	24,267	0	-49.5		0	80	104	10
MILANO/LINATE	3	1,004		22.7	7.3					1,527	0	13.3	8.6	0	28	101	2	3,126	0	3.1	10.1	0	12	226	1	5,767	0	-13.2	23.4	0	49	262	8	9,441	0	-42.0		0	46	279	14
		12,087	0	-54.9		0	59	266	18	13,930	0	-54.8		0	65	263	16	16,515	0	-55.7		0	67	262	12	20,956	3	-52.8		4	42	261	5	24,527	5	-49.6		6	17	114	2
ROMA/FIUMICINO	3	1,016		24.1	6.8					1,528	0	14.6	12.4	0	17	274	2	3,137	0	5.0	18.3	0	53	289	9	5,794	0	-12.5	27.7	0	73	279	19	9,485	0	-40.9		0	73	276	28
		12,145	0	-53.4		0	85	275	37	13,992	0	-56.0		1	89	271	33	16,554	1	-58.2		2	88	263	21	20,962	2	-53.8		4	42	128	6	24,516	4	-49.9		9	88	100	16
BRINDISI	3	1,015		24.0	5.0					1,521	2	14.7	11.1	2	63	308	7	3,126	2	4.6	15.7	2	73	287	12	5,784	2	-12.3	20.2	2	77	285	21	9,476	2	-41.0		2	88	281	38
		12,236	2	-52.5		2	94	271	48	13,986	2	-55.6		2	96	263	43	16,545	2	-59.2		2	95	258	26	20,918	2	-57.8		2	65	106	9	24,205	3	-51.3		3	84	95	16
CAGLIARI/ELMAS	3	1,016		25.3	8.1					1,558	0	16.8	19.2	0	54	303	7	3,181	0	7.2	21.1	0	85	279	19	5,854	0	-11.3	22.0	0	87	280	30	9,573	0	-38.8		0	84	283	40
		12,242	0	-54.1		0	92	272	47	14,072	0	-57.7		0	92	266	40	16,611	0	-60.0		0	86	262	24	21,727	5	-54.8		9	26	145	5	24,285	7	-50.9		13	52	104	12
TRAPANI/BIRGI	3	1,016		25.2	5.8					1,550	0	17.9	19.1	0	59	296	8	3,170	0	8.0	24.6	0	83	289	19	5,842	0	-10.8	24.2	0	88	287	29	9,561	0	-38.6		0	89	285	39
		12,242	0	-53.3		0	95	277	45	14,079	0	-58.6		2	95	273	45	16,598	1	-62.6		4	94	270	32	20,921	3	-57.1		7	67	105	10	24,191	6	-52.4		11	96	95	19
BULGARIA																																									
SOFIA OBS.		945		17.8	7.0					1,528	1	12.0	5.3	1	25	326	1	3,123	1	1.8	5.5	1	62	310	3	5,757	1	-13.7	9.7	1	66	299	3	9,436	1	-41.0	7.4	1	75	286	11
		12,113	1	-51.2	7.4	1	89	272	16	13,974	1	-53.6	8.1	1	93	261	18	16,573	1	-57.2	8.3	1	95	254	13	20,976	8	-54.4	9.0	8	45	201	2	24,278	15	-49.7	9.5	9	88	97	5
TURKEY																																									
SAMSUN	2	1,013		23.5	5.8					1,507	0	12.6	6.4	0	67	310	4	3,111	0	3.7	11.3	0	50	290	3	5,766	0	-12.0	15.1	0	64	240	7	9,477	0	-36.0		0	78	220	18
		12,227	2	-47.0		2	78	260	21	14,113	8	-53.1		8	81	240	17	16,673	14	-59.7		14	89	230	16	21,041	17	-50.2		19	69	210	9	24,367	21	-49.0		25	69	160	9
ISTANBUL/GOZTEPE	2	1,010		25.5	11.6					1,517	2	12.5	7.4	2	90	35	5	3,117	2	3.4	11.2	2	50	275	3	5,770	2	-12.2	15.9	2	90	280	8	9,456	2	-39.1		2	60	255	12
		12,167	3	-47.0		3	80	255	20	14,047	5	-53.7		5	90	245	20	16,600	9	-58.4		9	99	230	18	20,988	15	-54.3		18	80	230	8	24,289	22	-48.6		23	20	30	2
IZMIR	2	1,009		28.8	10.2					1,512	0	15.0	8.8	0	60	335	3	3,124	0	5.1	9.6	0	57	330	4	5,792	0	-11.2	10.5	0	90	280	9	9,505	0	-37.4		0	95	285	19
		12,236	0	-47.9		0	88	280	23	14,087	0	-56.9		0	74	265	17	16,608	0	-59.5		0	94	250	15	20,927	0	-51.1		2	78	180	7	24,215	0	-50.6		2	91	110	10
ANKARA/CENTRAL	2	911		24.8	18.5					1,515	0	17.8	12.8	1	75	185	3	3,130	0	3.4	8.3	1	60	230	3	5,779	0	-12.2	15.2	1	75	270	9	9,492	1	-36.1		1	85	255	23
		12,251	2	-46.0		3	92	240	36	14,126	5	-54.8		6	89	240	34	16,662	8	-52.4		9	89	240	25	21,021	12	-54.1		13	83	185	15	24,322	16	-48.5		17	81	125	13

UPPER AIR DATA

AUGUST 1984

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
EUROPE		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
TURKEY																																									
ISPARTA	2	900		29.3	15.3					1,502	0	20.4	13.3	0	75	43	3	3,133	0	6.5	9.9	0	60	350	3	5,813	0	-9.3	13.7	0	83	282	10	9,565	1	-33.0		1	88	255	24
		12,340	1	-46.6		1	91	248	31	14,206	1	-56.4		1	91	245	30	16,716	2	-64.4		2	83	230	20	21,026	3	-56.1		3	63	155	7	24,318	3	-49.9		3	91	115	10
USSR																																									
MURMANSK		1,004		10.0	4.1					1,429	0	1.1	2.9	0	48	311	3	2,967	0	-7.5	6.1	0	48	309	4	5,513	0	-22.3	6.8	0	47	307	5	9,074	0	-47.4	4.9	0	35	313	6
		11,743	0	-46.2	7.5	0	50	316	6	13,660	0	-46.1	9.6	0	66	314	5	16,348	0	-47.4	10.9	0	55	319	3	20,951	1	-46.9	12.4	1	31	59	1	24,338	3	-45.9	13.3	3	84	80	3
ARKHANGELSK		1,010		11.6	4.0					1,424	0	2.8	3.2	0	24	342	2	2,973	0	-5.7	4.9	0	43	329	4	5,534	0	-21.6	5.5	0	55	316	6	9,104	0	-46.4	4.4	0	48	313	7
		11,771	0	-47.6	5.4	0	54	323	6	13,677	0	-46.5	6.6	0	54	323	5	16,364	0	-47.2	7.9	0	42	322	3	20,968	2	-47.2	9.8	2	16	48	1	24,344	3	-46.8	10.7	3	49	96	3
LENINGRAD /TOWN/VILLE/		1,004		14.8	5.1					1,462	0	5.5	3.7	0	60	305	5	3,023	0	-3.6	6.9	0	73	300	7	5,609	0	-19.1	7.6	0	73	303	10	9,206	0	-45.3	5.4	0	72	305	15
		11,838	0	-51.3	6.1	0	78	303	13	13,720	0	-49.4	7.9	0	86	300	10	16,373	0	-50.0	9.2	0	84	295	6	20,909	1	-49.1	10.9	1	44	278	2	24,273	5	-47.9	12.0	5	21	134	1
KAUNAS		1,006		18.1	5.5					1,511	0	8.5	4.5	0	43	288	3	3,089	0	-0.3	8.9	0	49	298	4	5,711	0	-15.3	9.8	0	62	293	7	9,370	0	-42.2	7.0	1	63	309	11
		12,020	0	-54.1	6.2	0	63	310	12	13,873	0	-51.8	7.1	0	72	302	10	16,504	0	-51.5	8.1	1	70	283	7	21,014	0	-49.6	9.5	1	44	280	5	24,376	0	-48.4	11.0	6	7	266	1
MINSK		989		17.1	6.3					1,510	0	8.5	4.4	0	48	312	3	3,088	0	-0.9	7.2	0	62	312	5	5,702	0	-16.8	9.4	0	68	319	8	9,337	0	-44.5	6.8	0	62	325	11
		11,973	0	-53.2	6.9	0	68	317	11	13,834	0	-51.8	8.9	0	86	299	9	16,460	0	-51.9	10.5	0	80	279	5	20,956	0	-50.2	11.9	0	41	242	2	24,300	0	-48.1	12.9	0	38	142	2
VOLOGDA		995		13.4	4.1					1,443	0	5.3	3.3	2	62	279	5	3,003	0	-3.5	6.1	2	47	271	5	5,589	0	-19.4	7.5	3	51	273	7	9,184	0	-45.0	5.8	5	41	271	8
		11,830	1	-48.4	6.1	6	50	271	8	13,727	2	-47.3	7.2	7	57	260	6	16,405	2	-48.0	8.4	8	51	248	4	20,982	3	-47.6	10.0	6	16	188	1	24,371	5	-46.2	11.3	9	51	103	3
MOSKVA		990		15.1	4.4					1,469	0	6.6	3.9	1	52	319	4	3,038	1	-2.4	6.2	1	58	313	6	5,631	0	-18.7	9.1	0	59	307	8	9,239	0	-45.7	6.3	1	53	308	11
		11,885	1	-50.2	7.4	1	68	298	11	13,770	1	-49.4	9.3	1	79	276	9	16,423	2	-50.3	10.6	2	83	264	7	20,945	1	-49.9	11.4	1	37	237	2	24,288	3	-48.3	11.8	3	16	155	1
KAZAN		996		14.6	5.2					1,442	13	5.3	3.5	9	85	277	6	3,003	13	-3.3	7.0	9	74	275	8	5,589	13	-19.0	7.1	9	84	270	13	9,193	13	-45.2	5.6	9	82	272	17
		11,866	13	-47.8	6.4	9	82	265	12	13,774	14	-47.6	8.0	9	84	260	14	16,445	14	-48.5	9.0	9	92	260	15	20,994	15	-48.7	10.0					24,353	15	-47.8	11.0	9	87	250	12
SARATOV		993		18.8	8.3					1,482	0	9.5	5.5	0	55	297	5	3,065	0	-0.5	5.4	0	68	281	7	5,682	0	-15.7	9.2	0	74	265	11	9,331	0	-42.2	6.7	0	78	255	18
		12,028	0	-47.0	7.4	2	86	249	22	13,925	0	-48.5	8.3	3	96	250	22	16,576	0	-51.3	8.9	5	96	246	16	21,078	0	-50.9	9.9	3	38	209	3	24,406	0	-49.1	10.6	4	42	114	4
LVOV		979		17.9	6.2					1,522	0	10.0	5.2	0	17	340	1	3,108	0	0.7	9.6	0	34	331	2	5,738	0	-14.6	11.7	3	53	334	5	9,406	0	-41.6	8.2	2	58	342	8
		12,060	0	-54.9	7.0	0	60	328	8	13,909	0	-53.2	7.8	0	58	300	6	16,521	0	-53.2	8.7	0	68	270	5	20,994	1	-51.7	10.0	1	35	205	2	24,331	1	-48.9	10.9	4	49	138	3
KIEV		995		19.3	8.5					1,505	0	9.3	5.0	0	47	339	3	3,083	0	-0.6	7.3	0	53	326	4	5,697	0	-15.9	10.7	0	54	314	6	9,350	0	-42.5	7.0	0	48	311	8
		12,006	0	-51.6		0	64	297	9	13,877	0	-51.1		0	78	275	9	16,508	0	-52.5		0	90	258	8	20,989	0	-51.4		1	38	230	2	24,318	1	-49.4		2	62	109	3
HAR KOV		996		18.3	7.7					1,497	0	10.1	5.4	1	44	323	3	3,082	0	0.1	6.5	0	51	309	4	5,703	0	-15.6	9.4	0	57	296	6	9,349	0	-43.1	6.9	0	51	285	8
		12,022	0	-49.5		0	77	263	13	13,906	1	-50.5		1	86	256	14	16,537	1	-52.5		1	90	252	11	21,018	5	-51.7		5	60	219	3	24,346	6	-49.3		6	51	113	2
ODESSA		1,010		19.0	8.3					1,512	2	11.0	7.5	2	68	346	4	3,101	2	1.0	8.5	2	62	339	4	5,730	2	-14.5	11.5	2	57	317	5	9,406	2	-41.1	8.3	2	45	310	7
		12,084	2	-49.7	8.3	2	62	276	10	13,966	2	-50.5	9.6	2	78	261	12	16,586	2	-53.9	10.4	2	89	253	11	21,025	2	-53.1	11.7	2	41	195	2	24,334	2	-50.2	12.9	2	74	106	4
ROSTOV-NA-DONU		1,003		20.1	6.7					1,487	0	10.5	5.4	0	12	320	1	3,074	0	0.1	5.5	0	43	276	3	5,695	0	-15.7	8.6	0	62	255	6	9,335	0	-43.4	6.4	0	74	241	14
		12,015	0	-48.6	7.9	0	93	242	25	13,892	0	-52.7	8.6	0	91	242	23	16,486	0	-55.9	8.7	0	96	242	14	20,912	1	-53.7	9.6	1	43	165	2	24,229	1	-49.5	10.3	1	78	95	4
TBILISI		956		21.8	8.0					1,493	2	12.6	5.1	4	58	313	5	3,103	2	6.1	4.8	2	44	195	3	5,777	2	-10.1	12.0	2	93	234	14	9,541	2	-32.4	16.2	2	93	243	32
		12,303	3	-48.0	13.8	3	92	247	37	14,160	3	-58.9	13.3	4	96	243	34	16,623	4	-64.2	11.3	5	92	244	20	20,953	8	-55.9	12.3	8	70	176	6	24,270	10	-50.3	12.7	9	78	110	5
AFRICA																																									
MOROCCO																																									
CASABLANCA	2	1,009		24.6	4.8					1,540	1	21.0	21.1	0	12	217	1	3,194	2	11.6	23.0	0	86	234	8	5,898	2	-8.6	18.4	1	87	239	11	9,650	3	-36.1	15.4	4	72	261	12
		12,346	4	-52.3						14,520	12	-60.9																													
SPANISH CANARY IS.																																									
SANTA CRUZ DE TENERIFE	3	1,012		23.9	6.5					1,548	0	19.5	18.8	0	60	350	3	3,195	0	11.2	22.0	0	67	257	5	5,899	0	-8.2	16.9	0	71	244	6	9,663	0	-35.0	17.1	0	87	260	13
		12,377	0	-53.3		0	87	260	13	14,185	0	-63.2		0	85	253	10	16,626	0	-69.6		0	40	145	2	20,864	1	-58.7		2	97	90	14	24,113	4	-53.0		4	97	91	18
ALGERIA																																									
ALGER/DAR EL BEIDA	3	1,013		24.8	6.3					1,549	0	19.4	16.0	0	25	220	2	3,186	0	10.7	16.5	0	92	260	11	5,867	0	-11.3	15.6	0	95	270	17	9,578	0	-38.4	12.8	0	87	270	16
		12,256	0	-53.8		0	71	270	17	14,074	1	-59.3		2	90	270	21	16,583	5	-64.2		7	91	260	11																
BECHAR	2	927		36.1	35.2					1,563	0	26.7	30.4	0	19	110	20	3,228	0	12.7	21.2	0	63	220	10	5,927	0	-10.5	8.8	0	31	250	3	9,651	0	-36.4	18.7	3	79	260	11
		12,364	0	-54.2		3	59	260	15	14,165	0	-63.2		6	91	250	17	16,614	0	-68.3		7	72	300	4	20,858	2	-55.3		9	78	100	10	24,148	2	-53.2					
IN SALAH	2	978		39.9	34.4					1,564	0	28.7	30.0	0	81	110	6	3,242	0	13.7	20.2	0	67	100	4	5,952	0	-9.1	8.3	0	21	91	1	9,728	0	-34.7	15.8	0	65	250	6
		12,447	0	-53.7		0	91	240	9	14,249	0	-64.7		0	84	230	8	16,663	1	-72.5		1	17	180	1																
EGYPT																																									
HELWAN	3	992		27.8	14.0					1,492	1	20.4	18.0	1	33	355	2	3,142	1	12.2	23.0	1	75	300	5	5,890	1	-1.9	21.3	2	60	305	6	9,791	1	-25.0	16.8	6	64	265	7
		12,624	1	-44.3	36.5					14,506	2	-56.0	11.2																												
SUDAN																																									
KHARTOUM		965		38.4	25.8					1,526	0	32.7	19.9	0	75	26	3	3,197	3	12.9	13.9	0	25	270	1	5,922	3	-6.1	6.0	5	50	118	2	9,750	3	-30.2	12.8	9	83	90	8
		12,500	3	-53.8		9	97	90	17	14,304	3	-65.5		9	63	110	15	16,680	4	-77.4		9	82	112	21	20,817	10	-61.3		9	98	96	23	24,017	12	-55.4					
MAURITANIA																																									
NOUADHIBOU	2	1,014		23.4	5.6					1,556	5	25.2	24.6	9	66	60	6	3,225	5	12.4	16.7	9	43	100	4	5,930	5	-9.7	12.5	9	63	100	6	9,719	5	-32.3	17.7	9	40	240	4
		12,456	5	-52.9		9	99	320	6	14,253	6	-65.9		9	99	180	3	16,656	6	-72.9						20,828	6	-59.9													
SENEGAL																																									
DAKAR/YOFF	3	1,010		27.6	38.1					1,537	0	20.7		1	65	88	5	3,189	0	10.6		1	91	80	12	5,894	0	-8.0		1	92	85	10	9,703	0	-31.6		1	66	84	4
		12,438	1	-53.7		2	60	104	5	14,226	6	-67.5		9	79	95	7	16,604	17	-76.3																					
MALI																																									
BAMAKO/SENOU	2	970		28.6	4.9					1,532	0	21.0	8.5	0	87	80	4	3,183	0	10.1	8.9	0	93	70	10	5,880	0	-6.9	8.0	0	91	80	8	9,706	1	-31.2	9.2	1	63	70	3
		12,446	2	-53.6		2	85	60	5	14,244	4	-67.0		4	98	70	9	16,642	5	-76.0		5	93	80	9																
NIGER																																									
NIAMEY-AERO	3	986		30.6	10.2					1,534	1	22.4	10.1	1	8	80	4	3,190	11	6.1	3.9	1	96	80	21	5,985	1	-6.4	10.9	1	98	90	19	9,710	1	-31.3	10.9	2	86	90	13
		12,449	4	-53.3		6	85	90	12	14,243	6	-67.1		9	82	90	15	16,616	12	-77.1		9	97	100	24																

UPPER AIR DATA

AUGUST 1984

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT (GPM)	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN (°C)	DEW POINT DEPRESSION (°C)	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR (%)	MEAN VECTOR WIND DIRECTION (°)	MEAN VECTOR WIND SPEED (MPS)	850 MB 150 MB HEIGHT (GPM)	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN (°C)	DEW POINT DEPRESSION (°C)	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR (%)	MEAN VECTOR WIND DIRECTION (°)	MEAN VECTOR WIND SPEED (MPS)	700 MB 100 MB HEIGHT (GPM)	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN (°C)	DEW POINT DEPRESSION (°C)	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR (%)	MEAN VECTOR WIND DIRECTION (°)	MEAN VECTOR WIND SPEED (MPS)	500 MB 50 MB HEIGHT (GPM)	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN (°C)	DEW POINT DEPRESSION (°C)	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR (%)	MEAN VECTOR WIND DIRECTION (°)	MEAN VECTOR WIND SPEED (MPS)	300 MB 30 MB HEIGHT (GPM)	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN (°C)	DEW POINT DEPRESSION (°C)	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR (%)	MEAN VECTOR WIND DIRECTION (°)	MEAN VECTOR WIND SPEED (MPS)
AFRICA																																									
IVORY COAST																																									
ABIDJAN	2	1,013		25.1	2.3					1,534	0	16.3	0.4					3,169	0	8.8	0.3					5,878	0	-6.3	0.6					9,690	0	-32.2	0.6				
		12,422	0	-53.7						14,213	0	-67.1						16,584	0	-67.5																					
KENYA																																									
NAIROBI/DAGORETTI	1	823		12.8	2.5													3,146	0	8.8	5.5	0	31	295	1	5,853	0	-6.5	19.9	0	20	95	1	9,646	0	-33.1	21.7	0	12	205	1
		12,363	0	-55.3		0	38	305	3	14,143	0	-68.5		0	64	75	7	16,491	0	-78.3		2	67	60	10	20,557	2	-66.9		7	90	100	21	23,720	8	-56.5		9	89	100	25
ETHIOPIA																																									
ASMARA		773		21.5	10.7													3,173	2	12.5	7.5	2	60	360	5	5,900	2	-6.5	3.7	2	86	95	7	9,722	2	-31.8	15.9	2	100	95	11
		12,462	4	-52.7	13.2	4	94	95	18	14,255	9	-66.9		9	96	95	23	16,615	11	-79.9		11	100	100	27	20,723	19	-62.1		19	82	90	27	23,901	25	-54.3		25	98	100	42
ADDIS ABABA		769		20.3	8.2													3,164	0	11.8	3.9					5,892	0	-5.9	8.6					9,711	0	-31.5	18.8				
		12,454	1	-53.0	17.4					14,257	8	-65.7						16,659	18	-76.4						20,800	20	-62.7						23,986	24	-53.6					
ZIMBABWE																																									
BULAWAYO/GOETZ OBS	1	872		12.8	8.4					1,554	0	15.0	12.2	0	94	105	8	3,171	0	5.5	17.9	0	30	90	2	5,849	0	-9.2	30.4	0	32	225	3	9,588	0	-36.7	23.6	0	87	261	20
		12,282	0	-55.5	19.5	0	94	264	26	14,073	0	-64.8		0	95	271	21	16,488	0	-73.9		0	77	271	10	20,623	0	-63.6		1	83	66	5	23,810	1	-56.0		2	94	91	8
SALISBURY/BELVEDERE	1	859		12.6	8.4					1,558	0	13.1	9.0	0	90	58	5	3,174	0	5.9	14.8	0	67	120	4	5,871	0	-7.0	33.3	0	40	211	3	9,643	3	-34.8	27.3	3	90	261	19
		12,351	4	-55.2	17.9	4	96	265	25	14,141	5	-65.0		6	95	274	21	16,553	5	-74.7		9	73	281	8	20,674	7	-63.5		15	75	58	5	23,864	9	-56.6					
MADAGASCAR																																									
ANTANANARIVO/IVATO		880		15.0	7.0					1,556	0	12.8	6.2	0	80	10	10	3,156	0	4.5	15.4	0	39	13	5	5,834	0	-8.8	30.9	1	46	29	12	9,597	0	-33.8	22.0	6	83	26	42
		12,328	1	-52.3						14,139	1	-63.8						16,548	1	-75.2																					
MOZAMBIQUE																																									
NAMPULA	3	968		21.6	6.9					1,553	12	13.4	5.7	9	69	168	4	3,160	12	5.1	13.8	9	45	118	3	5,855	12	-6.5	34.9	9	17	254	2	9,644	15	-33.6	20.5	9	75	262	15
		12,368	15	-53.2		9	91	271	20	14,174	17	-64.2		9	88	304	15	16,581	18	-75.6		9	34	276	4	20,714	19	-61.6		9	88	92	7	23,929	20	-54.8		9	98	94	15
MAPUTO/MAVALANE	2	1,016		24.5	11.5					1,563	1	11.6	10.3	2	29	252	2	3,167	1	4.3	16.4	1	54	256	4	5,825	2	-12.3	25.8	2	72	253	9	9,524	2	-39.1	16.7	2	86	259	22
		12,203	2	-54.8		2	94	264	32	14,021	2	-60.6		2	96	272	27	16,499	2	-68.1		2	95	271	18	20,717	2	-60.4		2	66	220	4	23,943	3	-54.1		3	34	185	2
OCEAN ISLANDS																																									
ASCENSION IS WIDE AWAKE FLD	2	1,008		24.5	6.9					1,547	10	13.7	6.0	0	90	105	6	3,180	10	5.4	18.5	0	29	51	1	5,892	10	-5.6	18.6	0	71	123	6	9,704	10	-32.8		0	36	268	4
		12,424	10	-55.2		0	74	263	11	14,210	10	-66.9		0	92	280	14	16,588	10	-77.5		0	47	352	3	20,701	10	-62.6		0	99	92	20								
ILE NOUVELLE-AMSTERDAM	2	1,013		12.3	3.1					1,495	1	4.4	6.4	3	75	282	21	3,056	1	-2.4	13.8	4	77	272	25	5,650	1	-18.5	12.4	8	76	262	35	9,255	1	-44.9					
		11,896	1	-52.3						13,750	1	-54.3						16,313	2	-58.1						20,686	17	-56.0						23,963	11	-51.4					
PORT-AUX-FRANCAIS/KERGUELEN	2	994		2.8	5.0					1,273	0	-4.9	3.5	0	89	263	31	2,779	0	-12.6	9.9	0	88	264	38	5,267	0	-28.7	8.6	0	89	268	52	8,753	0	-49.9		0	86	268	72
		11,364	0	-54.7		0	92	270	78	13,280	0	-54.3		0	95	271	80	15,795	0	-55.3		3	97	271	81	20,205	1	-56.2						23,478	4	-53.9					
SOUTH AFRICA																																									
J. G. STRIJDOM	1	834		11.4	14.7					1,556				9	53	242	1	3,182	0	7.7	22.7	0	59	353	5	5,854	0	-10.0	33.0	0	43	303	5	9,587	0	-47.0	23.2	0	78	282	23
		12,280	0	-54.7		0	94	287	35	14,085	0	-62.2		2	98	287	30	16,540	2	-69.1		2	84	292	14																
UPINGTON	1	924		10.8	13.0					1,545	0	15.1	25.3	0	38	343	2	3,158	0	5.4	28.0	0	66	291	6	5,811	0	-13.0	26.0	0	88	291	12	9,490	0	-40.8	19.7	0	87	274	24
		12,146	0	-56.0		0	92	277	31	13,958	0	-60.2		0	94	275	27	16,453	0	-64.8		0	94	279	21																
PRETORIA/IRENE	1	854		8.9	7.2					1,564	2	9.1	7.9	2	51	143	1	3,167	1	4.4	16.9	1	68	297	5	5,826	1	-12.0	26.2	1	73	257	10	9,520	1	-39.3	16.7	1	84	263	22
		12,191	1	-55.4		1	95	267	30	14,000	1	-61.4		1	96	272	25	16,467	1	-67.7		3	95	279	14																
BLOEMFONTEIN/J.B.M. HERTZOG	1	871		4.6	8.2					1,557	1	8.9	16.6	1	18	311	2	3,157	1	3.6	25.0	1	83	285	7	5,801	1	-13.1	25.5	1	82	268	13	9,472	1	-41.3	16.2	1	86	266	23
		12,121	1	-56.2		1	93	268	32	13,939	1	-60.0		2	95	271	29	16,429	2	-64.7		3	94	272	17																
ALEXANDER BAY	1	1,018		10.7	1.8					1,536	1	13.5	25.6	1	23	335	1	3,144	1	4.6	31.2	1	75	304	8	5,792	1	-13.6	30.2	1	83	283	12	9,465	1	-41.1	19.8	1	92	273	25
		12,118	1	-56.3		1	94	272	32	13,939	1	-59.9		1	98	272	29	16,426	1	-64.7		2	96	275	17	20,705	10	-60.8		9	22	303	1								
CAPE TOWN/D.B.MALAN	1	1,016		10.9	1.8					1,528	0	8.1	20.8	0	57	292	5	3,110	0	1.4	3.2	0	76	281	11	5,733	0	-15.6	5.5	0	85	200	18	9,368	0	-43.6	18.3	0	88	282	30
		12,004	0	-56.5		0	94	275	39	13,824	0	-57.3		0	96	275	35	16,367	2	-60.5		2	96	272	26																
PORT ELIZABETH	1	1,013		13.1	3.5					1,535	0	9.7	19.6	0	70	279	6	3,121	0	1.1	27.8	0	86	277	10	5,745	0	-15.3	25.2	0	87	269	15	9,392	0	-43.0	18.6	0	87	269	23
		12,021	0	-57.7		3	92	265	25	13,832	4	-59.0		9	96	261	25																								
DURBAN/LOUIS BOTHA	1	1,019		15.4	2.6					1,551	1	12.1	13.6	1	45	308	3	3,151	1	3.3	23.9	1	79	264	6	5,795	1	-13.5	30.0	1	84	270	12	9,461	1	-42.0	22.9	1	87	264	22
		12,108	1	-56.2		1	94	262	31	13,921	1	-59.4		2	95	265	29	16,419	2	-64.8		3	96	271	18																
GOUGH ISLAND	1	1,010		8.0	2.8					1,455	0	1.6	12.8	0	59	272	10	2,997	0	-6.1	17.3	0	74	276	13	5,548	0	-22.6	19.3	0	79	280	19	9,111	0	-46.1	17.7	0	82	289	30
		11,745	0	-53.8		0	89	282	32	13,594	0	-53.4		0	95	282	27	16,193	2	-55.0		3	97	282	29	20,633	10	-54.8		9	99	284	26								
MARION ISLAND	1	1,002		3.2	1.8					1,346	1	-2.2	10.3	1	76	271	12	2,864	1	-10.5	16.0	1	81	270	16	5,375	1	-26.3	18.7	1	85	274	24	8,887	1	-48.2	22.6	1	81	273	29
		11,505	1	-53.8		2	91	274	33	13,358	2	-53.0		2	93	271	31	15,965	4	-54.9		9	96	271	39																
ASIA																																									
USSR-WESTERN																																									
DRUJNAYA/OSTROV HEJSA/		1,009		0.8	1.1					1,396	0	-1.6	3.3	0	6	293	1	2,929	0	-7.7	6.8	0	18	312	2	5,473	0	-22.5	8.2	0	12	293	2	9,036	0	-47.3	5.8	0	6	287	2
		11,705	0	-45.8	7.0	0	12	319	2	13,626	0	-44.7	8.7	0	18	304	2	16,339	0	-44.6	10.5	0	35	319	2	20,984	0	-44.2	13.2	0		280	**	24,418	0	-42.4	15.0	1	30	51	1
MYS CELJUSKIN		1,010		1.1	1.0					1,394	0	-1.2	4.6	0	12	286	1	2,922	0	-7.9	8.0	0	6	270	1	5,463	0	-22.8	8.5	0	6	276	1	9,020	0	-46.5	5.9	0		199	1
		11,695	0	-45.4	8.9	0	12	279	2	13,617	0	-44.7	11.3	0	18	299	2	16,325	0	-44.9	12.9	0	12	295	1	20,959	0	-44.4	14.3	0	18	11	1	24,384	0	-43.2	15.0	0	30	76	1
OSTROV DIKSON		1,004		4.7	1.3					1,395	0	0.4	4.2	0	12	237	1	2,933	0	-6.9	7.1	0	18	256	2	5,482	0	-22.6	7.1	0	30	256	4	9,030	0	-47.5	5.6	0	30	269	6
		11,704	0	-45.6	8.4	0	41	267	5	13,621	0	-45.5	10.1	0	35	263	3	16,319	0	-45.7	11.4	0	35	260	2	20,938	0	-45.4	13.1	0	17	51	1	24,341	0	-44.4	14.4	0	45	81	2
MYS KAMENNYJ		1,002		10.4	2.6					1,352	15	2.3	2.6	9	16	128	1	2,902	11	-4.8	7.2	9	46	178	4	5,470	15	-21.7	7.1	9	53	212	6	9,045	15	-45.7	5.7	9	31	213	5
		11,722	15	-45.7	6.9					13,643	15	-44.9	8.4					16,353	15	-45.0	9.7					20,976	17	-45.0	11.4					24,395	18	-43.7	12.2				
NAR JAN-MAR		1,007		10.7	3.8					1,398	0	2.9	3.9	0	24	348	2	2,948	0	-4.9	5.9	0	12	316	1	5,514	0	-21.0	6.8	0	18	292	2	9,095	0	-46.4	5.3	0	18	252	3
		11,770	0	-45.8	6.7	0	36	265	3	13,692	0	-44.9	8.2	0	43	270	3	16,393	0	-45.3	9.7	0	36	275	2	21,011	0	-45.7	11.4	0	22	165	1	24,421	0	-45.0	12.8	0	45	99	2
SALEHARD		1,006		11.3	4.7					1,407	0	3.5	3.9	3	10	303	1	2,958	0	-4.8	6.4	2	35	252	3	5,529	0	-20.2	7.1	1	45	242	6	9,115	1	-46.2	5.7	2	44	225	10
		11,783	2	-46.7	7.4	3	46	238	6	13,697	2	-46.1	9.1	3	51	244	5	16,383	2	-46.6	10.4	2	48	248	3	20,980	4	-46.2	11.6	4		272	**	24,377	6	-45.3	12.4	7	46	69	2

UPPER AIR DATA

AUGUST 1984

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
ASIA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
USSR-WESTERN																																									
HATANGA		1,006		8.1	4.1					1,395	0	1.0	3.7	0	12	246	1	2,938	0	-6.4	6.5	0	48	263	4	5,497	0	-21.4	7.8	0	48	270	7	9,071	0	-46.1	6.7	1	47	272	9
TURUHANSK		1,747	0	-46.2	8.0	1	52	279	7	13,663	0	-45.5	9.3	1	45	282	4	16,365	0	-45.9	10.7	0	53	289	3	20,973	0	-46.0	12.6	0	27	48	1	24,384	0	-44.2	14.6	0	72	80	3
		1,003		13.9	5.1					1,418	0	7.6	5.3	0	46	241	4	2,986	0	-1.7	7.3	0	53	243	6	5,591	0	-17.2	8.3	0	47	255	7	9,222	0	-43.8	5.6	0	52	258	10
SYKTYVKAR		11,865	0	-51.6	5.9	0	62	264	10	13,750	0	-48.1	8.4	0	61	264	7	16,418	0	-48.0	10.8	0	61	267	5	20,991	0	-47.2	13.1	0	20	278	1	24,375	0	-45.6	13.8	0	53	60	2
		992		10.3	3.9					1,396	7	3.1	3.0	7	65	271	5	2,946	7	-6.0	5.2	7	79	270	8	5,498	7	-22.3	7.2	7	70	265	11	9,054	7	-47.3	5.3	7	61	259	15
HANTY-MANSIJSK		11,730	7	-45.4	8.3	7	75	260	12	13,645	7	-45.9	10.1	7	79	258	10	16,340	7	-47.3	11.2	7	89	255	8	20,918	7	-47.5	12.2	7	78	238	4	24,298	7	-46.0	13.0	7	39	224	2
		1,002		14.4	5.3					1,415	0	7.2	4.7	0	33	262	3	2,980	0	-2.0	6.6	0	57	261	6	5,574	0	-17.6	7.5	0	47	242	6	9,192	0	-44.8	5.0	0	41	239	8
TURA		11,852	0	-47.9	7.0	0	64	246	10	13,752	0	-46.9	9.2	0	78	256	10	16,429	0	-48.1	10.5	0	78	262	8	20,993	0	-47.9	11.8	0	41	262	2	24,390	2	-46.5	12.9	2	23	69	1
		989		13.1	6.7					1,458	4	7.6	5.4	4	35	247	2	3,034	4	-2.3	4.9	4	35	269	3	5,631	4	-17.9	6.5	4	56	267	5	9,240	4	-45.7	4.4	4	45	268	6
SVERDLOVSK		11,870	4	-51.0	5.2	5	56	267	6	13,754	4	-49.2	6.9	4	72	266	5	16,417	4	-49.5	8.2	4	61	276	3	20,961	4	-48.4	10.1	4	40	337	1	24,344	4	-48.2	11.3	4	39	56	1
		976		15.6	3.2					1,450	10	8.5	3.1	9	8	217	1	3,028	10	-0.8	3.2	9	42	247	4	5,631	10	-17.3	7.7	9	71	255	8	9,240	10	-45.5	5.5	9	75	262	14
OMSK		11,905	10	-47.0	8.1	9	92	262	18	13,804	10	-48.8	10.1	9	94	262	17	16,453	10	-51.1	11.1	9	94	262	12	20,948	10	-50.9	12.0	9	68	279	3	24,279	10	-48.6	13.1	9	47	68	2
		998		17.2	7.3					1,451	0	9.9	6.8	0	31	262	3	3,037	0	-0.5	7.5	0	55	265	6	5,646	0	-16.5	9.2	0	73	272	10	9,288	0	-42.9	6.9	0	79	278	17
KOLPASEV		11,965	0	-47.2	8.3	0	85	277	21	13,857	0	-48.9	9.6	0	90	275	20	16,501	0	-51.7	10.3	1	87	275	14	20,993	0	-51.0	11.2	1	72	285	4	24,331	0	-48.8	11.9	0	27	36	1
		1,000		15.5	3.6					1,446	0	8.7	5.6	1	24	250	2	3,023	0	-1.4	6.7	0	36	252	3	5,623	1	-17.9	8.6	1	45	235	5	9,241	2	-45.0	58.0	33	1	233	5
KRASNOJARSK		11,880	1	-50.3	7.0	3	61	257	8	13,753	4	-48.8	8.6	5	76	267	9	16,415	7	-50.1	9.6	8	80	278	8	20,964	10	-49.1	10.7	9	54	300	3	24,334	11	-46.6	12.4	9	52	50	2
		986		14.6	5.3					1,453	0	10.4	6.4	2	12	260	1	3,041	0	0.5	8.1	2	43	244	3	5,657	1	-15.7	10.2	1	53	252	5	9,280	1	-44.4	6.4	1	30	237	4
KIRENSK		11,916	2	-49.7	6.5	2	62	267	7	13,825	2	-49.1	8.1	3	74	278	7	16,475	3	-49.9	9.4	3	79	287	6	20,953	7	-49.4	10.3	7	77	293	3	24,258	7	-47.2	11.2	8	26	353	1
		980		14.3	4.6					1,455	0	9.7	6.4	2	19	329	1	3,035	0	-0.2	6.7	0	32	298	2	5,645	0	-15.9	10.9	0	39	290	3	9,289	0	-44.1	7.5	2	45	288	7
ORENBURG		11,926	1	-54.6	7.1	1	55	275	7	13,781	1	-50.3	8.9	1	78	268	7	16,428	4	-50.7	10.4	4	84	270	6	20,954	11	-50.2	12.1	9	63	270	2	24,300	13	-48.7	13.1	9	38	82	1
		996		18.6	7.4					1,449	0	10.5	5.9	0	59	268	5	3,030	0	0.1	4.8	0	72	258	8	5,643	0	-15.6	9.0	0	84	253	13	9,300	0	-41.8	7.0	0	84	251	22
KUSTANAJ		12,004	2	-47.6	8.7	2	90	254	31	13,890	2	-51.0	10.1	2	93	254	29	16,507	2	-55.1	10.6	2	93	254	22	20,942	2	-53.3	11.5	2	76	241	8	24,252	2	-49.5	12.9	2	27	176	2
		988		19.6	9.4					1,445	10	11.1	6.5	9	44	239	4	3,037	10	0.7	4.9	9	59	248	7	5,660	10	-14.6	8.0	9	80	254	12	9,334	10	-40.5	6.1	9	84	257	20
KARAGANDA		12,306	10	-47.1	8.4	9	91	261	27	13,931	10	-48.8	9.6	9	91	260	26	16,565	10	-53.4	10.0	9	92	259	18	21,018	13	-53.0	11.3	9	69	257	4	24,334	13	-50.4	12.6	9	26	64	1
		947		19.4	14.1					1,467	0	-15.1	13.4	1	11	311	1	3,077	0	4.8	11.4	0	66	272	6	5,732	0	-12.1	10.5	0	88	275	14	9,448	0	-37.1	3.0	8	4	279	24
GUREV		12,207	0	-44.2		0	93	280	41	14,110	0	-50.8		0	95	280	37	16,710	3	-57.0		5	93	280	23	21,106	11	-54.0		9	72	307	4	24,415	13	-49.8		9	67	39	3
		1,013		23.0	12.5					1,477	0	14.6	13.3	0	36	283	3	3,084	0	4.5	9.6	0	67	256	7	5,739	0	-11.1	11.2	0	91	247	16	9,488	0	-33.3	11.4	0	91	247	26
ASHABAD		12,263	0	-43.7	15.4	0	95	248	38	14,168	0	-49.8		0	93	246	36	16,775	1	-57.6		1	96	246	30	21,120	8	-57.1		9	88	235	11	24,378	16	-52.0		9	41	127	3
		972		31.3	21.9					1,480	0	22.7	18.6	0	16	110	1	3,136	0	13.2	18.1	1	41	95	3	5,871	0	-5.4	14.6	0	35	270	3	9,721	0	-27.2	20.6	0	74	240	8
ALMA-ATA		12,519	1	-46.3	17.7	1	81	246	9	14,376	1	-59.1	15.5	1	83	246	9	16,840	1	-71.6	13.5	1	84	236	8	20,992	3	-60.7	15.2	3	76	103	6	24,224	4	-53.0	16.3	5	81	91	9
		913		25.2	19.6					1,472	0	22.9	21.2	0	44	346	2	3,126	0	11.3	16.1	0	81	259	4	5,837	0	-8.3	11.4	0	91	275	14	9,639	0	-28.9	15.8	7	86	287	28
		12,438	2	-45.6	14.5					14,312	2	-56.3	13.1					16,823	4	-65.0	11.8					21,104	6	-55.9	12.6					24,407	9	-48.5	13.9				
USSR-EASTERN																																									
OSTROV KOTELNIJ		1,010		-0.1	0.9					1,399	0	-1.1	4.8	0	29	326	2	2,929	0	-7.7	7.3	0	24	306	2	5,473	0	-22.5	8.9	0	12	285	2	9,036	0	-46.5	6.2	0	12	276	3
		1,702	0	-45.9	8.8	0	12	273	2	13,620	0	-45.1	11.3	0	17	283	2	16,330	0	-45.0	12.9	0	12	285	1	20,963	1	-44.4	14.5	1		55	**	24,392	1	-43.3	15.5	1	28	80	1
OSTROV CETYREHSTOLBOVOJ		1,004		1.2	1.5					1,383	0	0.6	5.2	0	12	251	1	2,922	0	-6.5	7.2	0	30	281	3	5,481	0	-20.9	8.1	0	30	281	5	9,060	0	-46.2	5.5	0	24	288	7
		1,728	0	-46.0	8.9	0	42	275	7	13,641	0	-45.8	11.3	0	48	270	6	16,336	0	-46.3	13.4	0	48	264	4	20,930	0	-46.3	14.9	0	22	275	1	24,328	1	-45.2	15.9	1	61	106	2
MYS SMIDTA		1,010		3.2	2.0					1,394	0	0.1	3.7	0	70	285	5	2,927	0	-7.1	6.1	0	47	278	4	5,476	0	-22.1	8.0	0	54	277	6	9,045	0	-45.5	5.6	0	54	277	12
		1,732	0	-44.8	8.7	0	76	265	12	13,655	0	-45.8	10.7	0	81	260	10	16,345	1	-47.3	12.2	1	78	257	7	20,924	1	-46.9	14.0	1	53	253	2	24,306	1	-46.3	15.3	2	35	81	1
ANADYR		1,009		9.6	3.6					1,403	1	2.0	4.4	1	47	274	3	2,946	1	-5.9	6.2	1	63	286	6	5,512	1	-20.1	9.4	1	66	276	10	9,127	1	-44.1	5.7	1	66	266	19
		11,804	2	-46.7	7.9	2	76	265	15	13,711	2	-47.5	9.9	2	86	261	12	16,387	2	-49.0	11.1	2	79	258	7	20,946	2	-47.7	12.7	2	55	248	2	24,341	4	-46.7	14.0	4	27	120	1
KORF		1,011		11.8	4.0					1,430	0	4.5	3.5	0	31	232	3	2,995	0	-2.0	6.2	0	43	247	4	5,594	0	-17.2	9.2	0	62	255	8	9,241	0	-41.4	6.6	0	54	251	13
		11,921	0	-49.0	6.4	0	63	256	12	13,813	0	-48.3	7.2	0	75	255	11	16,487	0	-49.1	8.1	0	81	257	9	21,034	0	-48.1	9.3	0	75	262	5	24,380	1	-48.4	9.6	1	43	255	2
PETROPAVLOVSK/KAMCATSKIJ		1,000		12.2	2.5					1,428	0	7.7	4.6	0		252	**	3,013	0	1.4	10.4	0	36	264	3	5,644	0	-13.6	11.6	0	55	280	7	9,343	0	-40.3	6.2	0	62	286	13
		12,026	0	-49.6	7.0	0	73	279	17	13,896	0	-51.9	8.4	0	84	281	14	16,511	0	-54.4	9.1	0	76	279	9	20,964	0	-51.9	10.2	0		327	**	24,296	2	-48.1	11.5	2	66	105	3
OHOTSK		1,008		12.4	2.8					1,417	0	5.7	6.1	0	12	306	1	2,982	0	-3.1	7.0	0	31	291	3	5,570	0	-18.5	10.2	0	68	273	9	9,186	0	-44.9	6.7	0	73	269	18
		11,864	0	-48.1	8.2	0	82	267	18	13,762	0	-49.1	9.4	0	88	268	16	16,419	0	-50.8	10.3	0	81	269	10	20,936	0	-49.7	11.0	0	45	276	2	24,291	2	-47.9	11.9	2	46	85	2
JUZNO-SAHALINSK		1,008		16.8	2.6					1,461	0	12.1	5.3	0	45	248	5	3,068	0	5.0	8.2	0	57	262	7	5,745	0	-9.2	9.7	0	86	273	14	9,507	0	-34.2	6.8	0	8	279	24
		12,240	0	-49.8	7.0	0	85	284	32	14,092	0	-57.2	7.4	0	87	284	25	16,622	0	-61.4	7.4	0	91	285	12	20,970	1	-55.3	8.8	1	47	73	2	24,265	1	-50.2	10.3	2	83	92	5
VLADIVOSTOK		1,000		19.8	2.2					1,471	1	15.3	4.2	2	52	252	4	3,094	1	6.5	8.7	1	76	264	8	5,803	1	-6.0	11.6	1	88	255	16	9,630	1	-29.9	8.2	1	83	256	26
		12,409	1	-48.7	7.7	1	83	261	29	14,255	2	-58.7	7.4	2	86	264	24	16,750	3	-65.0	7.0	4	84	264	13	21,032	5	-57.6	8.5	5	64	91	3	24,311	6	-52.0	9.8	6	95	88	7
OLENEK		984		8.2	6.0					1,394	12	0.0	3.8	9	27	328	2	2,927	12	-7.3	5.0	9	57	310	5	5,468	12	-22.4	6.2	9	70	313	10	9,023	12	-47.6	4.6	9	66	306	14
		11,696	12	-45.3	8.0	9	78	317	9	13,615	12	-45.0	10.0	9	72	320	6	16,312	12	-45.5	12.5	9	82	330	4	20,933	12	-44.5	14.0	9	75	64	2	24,362	13	-42.9	15.7	9	69	94	3
VERHOJANSK		993		8.0	4.8					1,407	4	0.8	3.6	4	40	307	2	2,946	4	-6.9	5.1	4	61	296	4	5,491	4	-22.9	7.0	4	51	285	5	9,047	4	-46.5	5.6	4	35	277	6
		11,740	4	-43.9	8.3	4	45	281	4	13,671	4	-44.0	9.8	4	65	276	5	16,384	4	-45.0	11.2	4	45	262	3	21,013	4	-45.3	13.3	4	23	171	1	24,434	4	-44.2	15.1	4	78	86	3
SEJMCAN		983		11.4	5.9					1,408	0	4.1	5.8	0	31	254	2	2,959	0	-5.1	5.7	0	37	271	3	5,531	0	-20.1	9.2	0	55	262	7	9,129	0	-46.2	6.2	0	55	257	11
		11,797	0	-47.5	8.5	0	67	262	11	13,701	0	-47.6	10.5	0	73	262	10	16,375	0	-49.0	11.8	0	73	261	7	20,935	0	-48.5	13.3	0	22	251	1	24,314	0	-47.4	14.1	2	32	122	1
JAKUTSK		997		12.5	6.6					1,416	0	5.3	6.1	0	53	293	4	2,969	0	-4.2	7.2	0	72	291	6	5,541	0	-19.9	9.3	0	61	287	8	9,132	0	-46.3	6.8	0	66	284	14
		11,787	0	-47.4	8.8	0	70	274	11	13,679	0	-47.7	10.9	0	85	271	10	16,341	0	-48.9	12.4	0	79	267	7	20,884	0	-48.8	14.0	0	50	260	2	24,250	1	-47.6	14.5	1	30	98	1
ALDAN		932		11.8	5.7					1,449	2	8.9	5.8	2	28	297	2	3,026	2	-1.3	6.1	2	61	310	5	5,629	2	-16.8	9.5	2	60	303	7	9,255	2	-44.3	6.3	2	57	289	12
		11,905	2	-49.6	7.2	2	72	272	13	13,793	2	-49.2	9.6	2	86	266	12	16,447	2	-50.2	10.5	2	88	265	9	20,975	3	-49.0	12.0	3	46	267	2	24,324	4	-48.7	13.5	4	30	64	1
CITA		932		14.0	3.5					1,435	0	11.1	4.2	0	36	70	2	3,027	0	1.0	3.5	0	30	37	2	5,657	0	-14.1	7.8	0	17	340	2	9,335	0	-41.6	6.0	0	22	264	4
		12,001	0	-50.5	6.2	0	62	259	11	13,884	0	-49.5	8.1	0	85	257	13	16,527	0	-51.6	9.3	0	96	258	11	21,011	1	-51.7	10.3	2	46	227	2	24,343	2	-49.3	10.9	2	91	104	4
BLAGOVESCENSK		991		17.7	4.0					1,438	0	11.1	3.9	0	18	318	2	3,037	0	2.8	6.7	0	48	272	5	5,687	0	-12.5	9.5	0	76	260	10	9,396	0	-37.5	7.5	0	85	252	21
		12,109	0	-48.2	8.2	0	88	251	15	13,991	0	-51.9	9.9	0	88	253	25	16,593	0	-55.9	10.6	0	86	251	14	21,015	3	-53.8	11.1	2		258	**	24,325	3	-50.3	12.4	3	84	93	4
HABAROVSK		999		19.0	3.2					1,446	0	12.6	4.0	1	58	254	6	3,056	0	5.1	6.8	0	66	268	8	5,730	2	-9.8	8.5	2	81	274	13	9,474	11	-35.0	6.7	9	86	277	21
		12,216	21	-46.7		9	93	275	26																																

UPPER AIR DATA

AUGUST 1984

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
HONG KONG																																									
KINGS PARK	1	995		27.1	3.0					1,443	1	19.1	3.5	0	60	75	5	3,091	1	11.2	6.1	0	56	75	4	5,829	1	-3.1	8.0	0	50	94	4	9,693	1	-27.4	8.4	0	36	93	2
		12,481	1	-49.8	8.7	0	35	74	3	14,297	1	-64.9	8.9	0	62	84	6	16,673	2	-78.1	9.6	0	97	85	15	20,800	7	-61.5	12.8	3	99	87	21	24,035	15			7	99	90	24
DEM PEOPLES REP OF KOREA																																									
PYONGYANG		1,004		24.4	2.8					1,490	0	17.2	4.2	0	50	210	2	3,128	0	9.4	8.6	0	50	230	3	5,848	0	-5.0	11.0	0	70	235	7	9,690	0	-29.0	3.6			240	5
		12,469	0	-48.7	9.0	2	33	240	6	14,316	1	-60.6	8.7	8	29	250	4	16,739	7	-67.0	6.4																				
JAPAN																																									
WAKKANAI	2	1,009		19.8	2.4					1,477	0	14.1	7.2	2	52	238	5	3,093	0	6.2	9.9	1	66	267	7	5,783	0	-7.7	13.1	0	88	272	14	9,570	0	-32.8	11.3	0	88	279	26
		12,313	0	-50.2		0	92	284	33	14,153	0	-58.7		0	90	285	25	16,659	0	-63.6		0	91	286	13	20,976	2	-56.2		4	68	62	3	24,253	7	-50.9		7	98	80	6
SAPPORO	2	1,008		22.7	4.6					1,488	0	15.2	6.8	0	44	237	3	3,116	0	8.5	14.8	0	77	269	7	5,822	0	-6.5	13.2	0	86	277	14	9,631	0	-31.4	12.8	0	89	287	25
		12,378	0	-51.1		0	91	291	28	14,204	0	-60.8		0	88	293	21	16,679	0	-65.9		0	88	295	11	20,961	1	-57.3		1	84	72	5	24,236	1	-51.0		3	98	91	8
NEMURO	2	1,009		16.9	1.8					1,485	0	14.1	8.4	0	23	312	2	3,104	0	7.5	16.5	0	68	290	6	5,802	0	-7.4	15.7	0	86	286	13	9,596	0	-32.5	12.3	0	91	296	23
		12,340	0	-50.5		0	91	302	28	14,174	0	-59.9		0	90	300	20	16,663	0	-64.7		0	90	304	11	20,963	0	-56.5		0	77	63	4	24,245	2	-50.4		5	98	89	8
AKITA	2	1,010		25.0	4.1					1,508	0	17.6	7.2	0	79	247	5	3,145	0	10.1	14.2	0	82	273	8	5,871	0	-4.0	18.3	0	82	279	11	9,705	0	-30.2	12.7	0	83	288	15
		12,460	0	-50.8		0	79	294	17	14,283	0	-62.0		0	70	298	13	16,729	0	-68.8		0	68	316	6	20,976	1	-58.1		1	96	79	7	24,244	1	-51.5		1	98	88	10
SENDAI	2	1,007		25.1	3.7					1,515	0	17.7	3.4	1	60	266	3	3,153	0	10.2	14.1	0	81	284	6	5,882	1	-3.7	19.9	0	72	289	8	9,719	0	-30.3	12.4	0	72	297	10
		12,472	0	-51.4		0	69	307	13	14,288	0	-62.9		0	60	313	10	16,726	0	-69.8		0	58	340	5	20,960	0	-58.0		0	97	78	8	24,227	0	-51.5		0	99	86	11
WAJIMA	2	1,010		25.4	2.9					1,513	0	19.0	6.4	0	71	233	4	3,157	0	11.0	15.6	0	63	259	5	5,887	0	-3.7	18.4	0	62	264	6	9,729	0	-29.6	13.2	0	54	268	7
		12,493	0	-50.7		0	50	292	8	14,312	0	-62.9		0	39	297	7	16,745	0	-70.6		0	36	344	3	20,951	0	-59.4		0	96	82	7	24,203	1	-52.4		2	99	85	11
TATENO	2	1,008		25.5	3.4					1,519	0	18.6	4.7	0	23	207	1	3,163	0	10.7	10.9	0	38	304	2	5,892	0	-3.9	18.9	0	34	287	3	9,732	0	-29.9	13.6	0	39	314	5
		12,490	0	-51.3		0	45	333	7	14,306	0	-63.2		0	39	349	6	16,735	0	-71.1		0	58	26	5	20,943	0	-59.0		1	98	82	9	24,198	2	-52.1		2	99	85	12
HACHIJOJIMA	2	995		25.0	2.5					1,523	0	18.8	5.9	0	7	146	0	3,169	0	10.8	12.0	0	27	35	2	5,897	0	-3.9	18.8	0	32	38	2	9,735	0	-30.0	15.5	0	31	63	4
		12,491	0	-51.4		0	47	40	6	14,305	0	-63.7		0	47	35	6	16,723	0	-72.4		0	79	57	8	20,912	0	-59.8		0	99	83	12	24,162	0	-52.4		0	99	86	15
YONAGO	2	1,009		28.0	4.8					1,510	1	19.6	5.0	1	55	199	4	3,159	0	11.3	11.3	0	35	224	3	5,891	0	-3.9	12.9	0	37	236	4	9,737	0	-29.0	13.2	0	22	232	3
		12,505	0	-50.7		0	23	253	4	14,323	0	-63.3		0	18	322	2	16,753	0	-71.2		0	28	63	2	20,945	2	-59.4		4	98	84	10	24,198	8	-52.7					
SHIONOMISAKI	2	1,003		26.8	2.2					1,520	0	19.3	5.1	0	35	117	2	3,167	0	11.1	13.0	0	22	145	2	5,897	0	-3.9	18.6	0	13	190	1	9,738	0	-29.4	13.7	0	11	94	1
		12,503	0	-51.0		0	30	15	4	14,320	0	-63.4		0	38	42	5	16,745	0	-71.7		0	73	64	6	20,940	1	-59.3		1	99	83	13	24,194	1	-52.0		2	99	86	14
FUKUOKA	2	1,007		28.1	4.3					1,504	0	19.5	4.6	0	66	157	5	3,153	0	11.3	9.8	0	47	162	4	5,886	0	-3.6	13.5	0	31	178	3	9,735	0	-28.7	12.9	0	19	193	2
		12,505	0	-50.6		0	7	162	1	14,323	0	-63.3		0	9	41	1	16,750	0	-72.2		0	55	90	4	20,931	0	-59.6		0	99	86	11	24,178	1	-52.9		1	99	82	14
KAGOSHIMA	2	977		25.3	2.6					1,500	0	18.9	3.4	0	70	120	7	3,148	0	11.2	11.3	0	58	135	6	5,882	0	-3.5	14.6	0	43	139	4	9,729	0	-29.2	12.6	0	36	143	4
		12,496	0	-50.7		0	17	72	2	14,313	0	-63.5		0	35	58	4	16,733	0	-72.6		0	81	85	6	20,908	1	-59.6		4	99	88	13	24,152	4	-52.9		6	99	87	17
NAZE	2	974		25.0	1.0					1,481	0	18.9	4.8	0	77	132	10	3,127	0	10.9	11.3	0	66	122	8	5,858	0	-3.7	17.1	0	58	118	6	9,705	0	-29.3	13.4	0	55	106	6
		12,472	0	-50.6		0	27	82	3	14,288	0	-64.0		0	40	62	5	16,692	0	-74.6		0	94	85	9	20,858	0	-60.0		1	99	89	15	24,098	3	-52.9		6	99	86	19
ISHIGAKIJIMA	2	1,003		28.3	3.3					1,456	0	19.4	2.3	2	43	93	5	3,109	0	11.9	6.3	2	47	100	5	5,851	0	-2.9	12.3	1	48	90	5	9,714	0	-28.0	12.3	1	42	76	4
		12,495	0	-50.0		1	26	86	3	14,313	0	-64.3		1	54	72	6	16,699	0	-77.8		0	95	86	13	20,833	4	-61.6		4	99	86	19	24,055	6	-54.0		6	99	87	22
NAHA	2	1,001		27.9	2.9					1,464	0	19.3	3.0	1	62	121	8	3,115	0	11.6		57	0	120	7	5,857	0	-2.9	16.7	0	49	112	5	9,718	0	-28.2	13.7	0	44	95	5
		12,498	0	-49.7		0	27	92	3	14,320	0	-63.9		0	39	89	5	16,716	0	-75.9		0	93	86	11	20,860	3	-61.9		3	99	87	17	24,086	3	-53.5		5	99	85	20
MINAMIDAITOJIMA	2	1,005		27.4	3.3					1,480	0	18.8	3.2	0	73	127	9	3,127	0	10.9	8.7	0	70	123	8	5,859	0	-3.6	14.2	0	58	111	6	9,705	0	-29.1	14.1	0	39	103	5
		12,474	0	-50.8		0	27	67	4	14,286	0	-64.8		0	46	62	6	16,675	0	-75.8		1	95	82	12	20,831	2	-60.8		2	99	85	18	24,064	3	-52.6		5	99	86	21
CHICHIJIMA	2	1,011		26.4	2.6					1,520	0	18.2	4.6	1	62	117	5	3,162	0	10.4	9.8	1	49	103	4	5,887	0	-4.4	16.3	0	58	90	4	9,721	0	-30.4	13.9	0	26	78	2
		12,474	0	-51.6		0	30	41	4	14,284	0	-64.4		0	49	54	7	16,692	0	-73.6		0	95	70	12	20,876	2	-60.4		2	99	84	17	24,106	3	-54.1		5	99	87	22
MINAMITORISHIMA	2	1,012		27.4	4.0					1,530	0	17.7	4.2	0	35	180	2	3,169	0	9.7	9.9	0	10	158	1	5,883	0	-5.9	13.8	0	33	31	2	9,695	0	-31.6	13.2	0	34	40	3
		12,432	0	-53.1		0	37	16	5	14,228	0	-65.7		0	77	34	9	16,629	0	-72.6		0	97	63	12	20,824	0	-60.4		1	99	86	18	24,058	1	-53.8		1	99	87	22
ISRAEL																																									
BET DAGAN		1,006		29.5	9.9					1,495	2	18.6	14.6	2	59	31	3	3,136	2	11.0	19.5	2	83	27	7	5,862	2	-4.7	18.2	91	0	27	10	9,588	2	-28.2	13.8	2	96	25	16
		12,507	2	-48.8		2	95	24	9	14,345	2	-62.1		2	94	23	17	16,776	2	-73.0		2	71	21	11	20,969	7	-58.7		8	78	13	8								
JORDON																																									
MAFRAQ	3	933		23.4	14.8					1,451	0	19.5	15.1	2	94	287	6	3,116	1	11.6	23.4	2	90	266	7	5,840	1	-4.1	20.9	2	95	260	10	9,693	3	-27.4		5	95	248	16
		12,484	5	-47.1		5	93	237	15	14,364	7	-60.0		7	96	230	15	16,776	8	-71.6		9	88	208	11	20,961	7	-59.2		17	69	113	7								
KUWAIT																																									
KUWAIT INTL AIRPORT	3	994		35.8	0.9					1,458	0	25.4	0.8	0	99	314	27	3,128	0	15.4	27.1	0	54	293	8	5,880	0	-2.7	40.1	0	50	19	6	9,747	0	-27.2	66.5	0	10	295	1
		12,538	0	-48.6		0	23	133	4	14,367	0	-62.7		0	54	140	8	16,771	0	-76.2		0	90	121	22	20,866	1	-62.3		4	96	97	31	24,085	3	-54.0		8	97	93	39
SAUDI ARABIA																																									
EL-WEJH	2	1,003		31.7	7.1					1,492	0	24.7	23.6	1	5	295	1	3,153	0	12.4	30.5	1	23	210	1	5,891	0	-2.4	41.0	0	48	280	2	9,746	0	-28.6	24.4	0	33	165	2
		12,527	0	-49.4	19.3	1	73	155	6	14,352	0	-63.4	16.5	0	82	125	8	16,744	0	-78.1	14.8	0	96	120	12	20,839	1	-61.5	19.2	1	99	100	19	24,063	13	-54.1	28.4	9	99	105	19
JEDDAH (KING ABDULAZIZ) AP	2	1,002		36.9	18.8					1,488	0	26.0	23.5	0	84	315	5	3,161	0	13.6	18.8	0	84	260	6	5,889	0	-4.9	21.9	1	21	70	1	9,733	0	-28.8	19.1	1	89	100	7
		12,506	1	-50.4		3	97	105	14	14,325	3	-64.5		5	97	105	17	16,697	3	-79.9		5	92	100	21	20,790	3	-62.1		3	98	100	21	23,997	4	-55.4		4	98	95	23
GIZAN	2	1,002		36.0	10.5					1,481	0	26.3	19.1	0	77	330	5	3,159	0	14.9	17.1	0	75	55	3	5,885	0	-6.6	10.0	0	83	55	5	9,715	0	-29.8	13.9	1	96	95	12
		12,478	1	-51.0	12.1	2	97	95	18	14,288	3	-65.4	11.8	4	98	100	23	16,650	4	-81.0	12.2	5	98	95	28	20,740	5	-62.4	14.3	8	98	95	24	23,949	6	-55.0	19.2				
TABOUK	2	922		36.0	37.3					1,498	0	25.8	22.4	0	11	340	1	3,160	0	11.4	18.1	0	53	235	6	5,890	0	-2.6	41.9	0	87	260	5	9,748	0	-28.4	27.0	0	79	235	5
		12,530	1	-49.3	20.1	1	67	195	5	14,356	1	-62.8	16.6	1	71	170	6	16,757	1	-77.0	14.6	1	91	130	8	20,871	3	-60.2	21.2	3	98	100	17	24,112	6	-53.6	31.6	6	99	100	18
MEDINA	2	934		38.6	38.6					1,483	0	29.3	30.3	5	61	270	3	3,159	0	14.1	22.4	2	71	265	8	5,892	0	-3.7	32.6	0	65	30	3	9,745	0	-28.2	25.2	0	65	105	3
		12,525	2	-49.8	17.9	2	88	120	8	14,324	3	-64.3	15.4	3	95	120	11	16,727		-78.7	13.6	4	96	110	16	20,818	4	-61.6	19.8	4	98	100	21	24,043	5	-54.1	28.1	5	97	100	20
KHAMIS MUSHAIT	2	976		29.3	6.0													3,173	0	16.5	17.1	0	72	30	3	5,901	0	-8.2	4.5	0	85	40	4	9,732	1	-29.4	16.4	0	99	100	11
		12,496	1	-51.0		0	98	100	18	14,306	1	-65.1		0	97	105	22	16,673	2	-80.4		0	99	100	27	20,769	3	-61.9		0	99	95	23	23,982	8	-54.4					
RIYADH(KING KHALED INT AP)	2	935		39.2	46.6					1,475	0	29.2	34.2	0	75	335	5	3,152	0	13.8	23.6	0	94	310	8	5,889	0	-2.9	33.8	0	42	355	2	9,752	1	-27.5	35.6	2	42	95	2
		12,540	1	-49.3		1	81	120	7	14,362	1	-63.7		1	90	120	10	16,746	1	-78.5		1	91	105	17	20,832	1	-62.3		1	97	100	19	24,049	12	-53.9		9	99	95	20
QAISUMAH	2	962		38.2	39.8					1,476	2	26.4	46.4	2	96	320	9	3,142	2	13.6	27.8	2	93	300	10	5,883	2	-2.5	35.1	2	33	265	2	9,748	2	-22.2	8.1	2	18	15	2
		12,543	2	-48.4		2	34	130	5	14,374	2	-62.6		2	67	140	5	16,778	2	-76.2		2	95	110	11	20,878	2	-61.4		2	98	100	17	24,115	18	-53.0		9	99	100	18

UPPER AIR DATA

AUGUST 1984

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																																									
DHAHRAN	2	998		39.5	31.5					1,456	0	26.2	27.4	0	92	320	11	3,131	0	15.3	26.7	0	54	320	4	5,877	0	-4.1	19.8	0	51	125	3	9,743	0	-27.3	19.6	0	49	75	2
		12,537	2	-48.6		2	51	120	4	14,365	2	-63.3		3	93	105	7	16,766	3	-77.7		4	98	100	16	20,847	4	-61.5		5	99	95	19	24,082	9	-52.5		9	98	95	20
OMAN																																									
SEEB INTERNATIONAL AP	3	861		31.5	7.2					1,437	14	28.1	28.1	6	71	304	3	3,120	14	15.9	23.5	6	59	307	2	5,863	14	-5.3	17.4	6	58	67	3	9,713	14	-27.7	30.5	6	77	88	5
		12,496	14	-49.8		6	90	103	8	14,314	15	-64.5		9	92	105	10	16,609	16	-79.1		9	94	98	15	20,755	16	-64.0		9	95	93	16	23,959	16	-55.3		9	95	97	16
UNITED ARAB EMIRATES																																									
ABU DHABI NEW INT AIRPORT	3	995		32.7	8.0					1,435	0	27.9	25.7	2	51	242	3	3,121	0	17.1	21.4	2	34	128	1	5,875	0	-3.8	13.9	2	75	101	5	9,742	0	-26.9	24.7	2	74	83	4
		12,533	0	-48.9		3	89	102	8	14,357	0	-63.7		4	95	102	11	16,742	0	-78.6		5	98	97	19	20,821	5	-63.0		14	99	91	20	24,022	13	-54.7		19	99	89	22
AFGHANISTAN																																									
KABUL-AIRPORT		815		19.4	5.2													3,093	5	15.6	10.9	5	87	357	5	5,855	5	-2.2	9.1	5	27	340	2	9,729	5	-25.9	10.5	5	40	226	2
		12,541	5	-46.2	9.2	5	62	243	4	14,391	5	-60.0	8.0	5	52	247	3	16,832	5	-74.5	6.8	5	17	352	1	20,942	11	-61.1	8.8	11	95	87	6	24,171	11	-53.3	10.3	11	99	91	10
PAKISTAN																																									
PESHAWAR	1	959		26.4	2.2					1,404	6	22.9	2.9	6	31	196	1	3,063	5	14.0	6.6	5	57	269	2	5,819	5	-1.5		5	40	36	3	9,712	5	-25.2		5	20	333	2
		12,535	7	-45.9		9	6	169	1	14,413	11	-59.3		9	23	296	3																								
SARGODHA	1	978		27.7	3.9					1,439	5	20.6	3.3	8	43	188	2	3,117	6	12.0	4.0	8	24	322	1	5,876	6	-3.1	7.8	8	36	58	3	9,876	9	-25.9					
		12,587	16	-44.7																																					
QUETTA/BREWERY	1	833		23.8	4.4													3,062	6	15.8		7	48	289	2	5,811	6	-5.5		8	49	61	4	9,672	7	-28.0		8	27	237	2
		12,365	7	-45.9		8	31	151	3	14,314	12	-62.1																													
KARACHI AIRPORT	1	997		26.4	2.2					1,415	9	20.9	7.8	9	70	295	3	3,078	9	15.4	10.9	9	67	333	4	5,832	9	-4.2	6.9	9	57	335	7	9,647	12	-26.0		9	84	306	16
INDIA																																									
SRINAGAR	1	835		20.7	1.3					1,431								3,098	4	15.4	4.4	4	26	330	1	5,860	4	-0.5	8.4	4	27	320	1	9,768	4	-23.5		4	55	245	7
		12,625	5	-41.9						14,528	7	-53.5						17,074	9	-63.3						21,339	14	-59.3													
NEW DELHI/SAFDARJUNG	3	967		29.9	5.1					1,414	0	22.5	3.6	0	9	56	1	3,079	0	13.2	4.5	0	40	69	2	5,838	0	-1.2	8.5	0	62	89	4	9,749	0	-24.3	7.8	0	51	92	3
		12,579	0	-45.2		0	67	82	5	14,446	1	-59.6		3	70	74	6	16,872	5	-73.7		8	92	78	12	21,040	9	-59.6		8	87	91	15	24,376	14	-51.3					
JODHPUR	3	973		28.6	5.7					1,410	4	20.4	2.3	4	55	218	3	3,064	4	12.5	6.1	4	40	54	3	5,811	4	-2.8	10.8	5	63	60	5	9,689	5	-26.0		5	73	84	4
		12,496	5	-47.8		5	78	89	6	14,330	6	-63.0		6	82	84	9	16,731	6	-76.6		6	95	83	16	20,789	7	-63.4		6	96	89	18	24,134	8	-54.1		8	99	88	21
LUCKNOW/AMAUSI	1	985		26.1	3.3					1,409	0	19.5	3.3	0	60	102	4	3,059	0	11.5	3.0	0	85	100	6	5,795	0	-3.7	7.9	0	92	103	7	9,667	2	-27.2	8.6	2	88	97	6
		12,458	5	-49.6		5	65	88	5	14,273	8	-63.5		8	77	75	7	16,677	12	-78.2		9	98	75	16																
GAUHATI	1	996		26.5	1.1					1,437	0	19.9	3.4	0	26	150	1	3,083	0	10.6	3.2	0	49	118	3	5,814	0	-4.1	5.6	0	20	183	1	9,683	1	-26.3		1	63	63	3
		12,478	1	-50.0		1	43	34	3	14,300	5	-64.8		5	57	51	4	16,700	7	-75.9		7	97	60	14	20,816	7	-67.6		7	99	82	16	24,027	8	-54.2		8	97	85	21
AHMADABAD	3	995		26.8	2.6					1,423	0	19.8	3.7	3	93	246	6	3,072	0	13.4	8.5	3	85	300	4	5,836	0	-0.7	9.4	4	50	34	3	9,759	1	-23.3		4	87	75	7
		12,610	3	-44.3		5	93	84	11	14,473	4	-60.1		7	97	86	17	16,939	5	-75.5		9	99	80	23	21,070	9	-63.3						24,333	12	-51.4					
CALCUTTA/DUM DUM	3	997		27.9	1.7					1,403	0	19.7	3.5	0	34	183	3	3,051	0	11.2	6.3	0	30	163	2	5,791	0	-3.5	7.2	0	62	117	4	9,662	0	-27.3	8.5	0	92	89	8
		12,454	0	-50.3		0	99	74	11	14,272	0	-64.8		0	73	68	13	16,646	1	-77.9		1	99	74	21	20,755	3	-62.7		3	98	86	25	23,955	7	-55.3		7	96	86	26
BHUBANESWAR	3	994		27.4	2.5					1,413	0	20.0	3.3	0	78	285	8	3,061	0	11.5	4.0	0	79	275	7	5,805	0	-1.9	4.0	0	33	282	2	9,709	0	-24.4	7.9	0	64	88	5
		12,550	0	-45.0		0	96	85	12	14,409	0	-60.1		0	95	76	17	16,823	0	-75.8		0	98	77	22	20,985	0	-59.8		1	99	87	22	24,239	6	-51.2					
BOMBAY/SANTACRUZ	3	1,003		26.9	3.0					1,448	0	17.9	4.6	0	96	241	10	3,080	0	10.6	9.1	0	85	258	8	5,807	0	-4.2	9.4	0	48	275	4	9,670	2	-27.2		2	82	70	6
		12,464	5	-48.8		5	79	75	12	14,274	6	-64.4		7	90	80	20																								
HYDERABAD AIRPORT	3	947		26.2	6.4					1,482	0	20.2	4.6	0	94	281	11	3,127	0	10.9	5.7	0	93	280	10	5,855	0	-3.6	11.0	0	72	277	4	9,724	0	-26.8	8.6	0	80	88	6
		12,535	0	-48.2		0	95	84	17	14,361	0	-64.3		0	97	75	24	16,743	0	-79.5		0	55	82	16	20,836	7	-62.5		6	99	86	23								
VISHAKHAPATNAM/WALTAIR	3	994		28.5	4.3					1,415	0	20.4	4.6	0	22	65	2	3,065	0	10.3	4.3	0	93	289	9	5,792	0	-3.4	8.0	0	55	292	5	9,673	0	-26.4	4.0	0	22	77	2
		12,482	0	-47.2		1	15	83	16	14,329	0	-61.3		4	94	82	19	16,786	6	-74.6		9	87	87	19																
GOA/PANJIM	1	1,000		25.2	1.6					1,465	3	16.1	2.7					3,089	3	8.2	7.4					5,796	5	-5.2	12.2					9,639	7	-28.9					
		12,411	12	-49.8																																					
MADRAS/MINAMBAKKAM	3	1,002		30.1	8.4					1,464	0	21.8	9.0	0	90	286	9	3,112	0	10.9	7.4	0	98	284	9	5,845	0	-2.5	14.1	0	78	273	5	9,725	0	-26.4		1	77	351	6
		12,538	0	-46.5		1	95	359	21	14,388	0	-60.7		3	98	86	29	16,802	3	-74.7		9	93	84	29	20,991	9	-59.4													
PANAMBUR	1	1,005		24.6	1.3					1,483	5	17.7	2.6					3,112	5	9.0	5.1					5,845	7	-3.8						9,725	9	-26.9					
		12,537	12	-47.8						14,383	17	-61.7																													
PORT BLAIR	3	998		26.7	2.8					1,474	0	17.4	4.6	0	98	251	10	3,116	0	8.7	9.6	0	92	260	8	5,822	1	-5.4	15.2	1	73	268	5	9,665	2	-28.4	9.7	2	80	82	9
		12,439	4	-50.6		4	99	63	20	14,248	9	-66.3		9	99	75	24																								
COCHIN/ERNAKULAM	1	1,009		25.1	1.6					1,493	5	16.9	2.9					3,122	5	8.0	5.4					5,834	6	-5.9	6.7					9,672	8	-30.1					
		12,436	10	-51.2																																					
MINICOY	1	1,009		26.5	2.5					1,492	0	16.5	5.1	0	94	296	14	3,121	0	8.0	11.4	0	93	293	10	5,831	1	-5.6	13.1	1	45	262	3	9,633	1	-31.8		1	85	103	9
		12,396	2	-54.2		2	94	96	26	14,180	9	-68.1		9	99	92	36	16,528	16	-76.2																					
TRIVANDRUM	3	1,001		25.7	3.1					1,476	0	17.8	5.3	0	96	305	14	3,115	0	10.2	11.7	0	92	284	9	5,838	0	-4.3	11.0	0	43	276	2	9,686	0	-28.2		0	95	95	9
		12,465	0	-50.5		0	97	83	28	14,278	0	-65.2		0	98	79	35	16,658	0	-76.9		0	99	79	23	20,816	0	-62.5		0	98	85	29	24,023	6	-53.2		7	99	83	33
BURMA																																									
MEIKTILA		980		24.4	23.2					1,453		18.4	16.4					3,102		21.1	8.6					5,847		-4.6	7.3					9,703		-29.6	35.7				
		12,451		-53.7						14,231		-59.3						16,596		-72.2						20,908		-51.0						24,086		-48.0					
MALAYSIA																																									
PENANG/BATAN LEPAS	3	1,008		26.3	2.0					1,491	0	18.7	6.0	0	79	252	3	3,131	[illegible]	9.7	7.8	0	96	259	9	5,845	0	-5.7	7.1	0	57	274	4	9,656	0	-31.9	6.8	0	87	88	8
		12,385	0	-53.9		0	95	72	20	14,169	0	-68.4		0	99	74	29	16,513	0	-77.9		1	97	84	23	20,603	6	-65.3		8	99	86	25	23,809	11	-56.3		14	99	87	34
KOTA BHARU	3	1,007		25.4	1.6					1,491	0	18.7	3.0	0	94	258	7	3,133	0	9.9	4.6	0	95	273	10	5,852	0	-5.3	4.4	0	60	268	5	9,671	0	-31.5	4.2	0	83	84	8
		12,405	0	-53.6		1	93	73	20	14,191	0	-68.3		1	98	76	28	16,543	1	-76.3		2	98	86	21	20,666	9	-63.3		13	99	87	29	23,867	14	-54.4		26	100	92	41
KUALA LUMPUR/PETALING JAYA	3	1,004		25.9	3.2					1,496	0	17.7	4.4	1	87	251	5	3,133	0	8.6	6.5	1	93	262	7	5,844	0	-6.7	5.0	1	38	273	2	9,655	0	-32.4	7.9	1	91	94	9
		12,380	0	-55.1		1	94	72	20	14,154	0	-69.9		2	98	70	29	16,496	0	-76.1		2	95	85	17	20,603	0	-64.7		2	99	86	23	23,800	7	-54.2		13	99	86	32

UPPER AIR DATA

AUGUST 1984

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
MALAYSIA																																									
KUANTAN	3	1,007		24.7	2.8					1,488	0	16.8	4.9	0	94	238	6	3,121	0	8.4	7.2	0	89	270	6	5,832	0	-6.4	7.5	0	47	273	3	9,640	0	-32.3	10.6	0	89	94	9
		12,364	0	-55.6		0	94	76	20	14,133	0	-70.7		0	98	74	28	16,469	0	-77.0		0	97	87	21	20,577	2	-64.9		8	99	93	23	23,778	2	-53.9		24	99	90	27
KOTA KINABALU	3	1,008		26.9	3.7					1,493	0	18.5	4.6	0	92	243	6	3,133	0	9.7	7.4	0	88	258	9	5,852	0	-5.9	4.6	0	47	239	3	9,657	0	-32.5	5.2	0	84	89	12
		12,389	0	-53.3		0	97	70	24	14,182	0	-67.1		0	98	65	32	16,533	0	-78.9		2	96	83	18	20,624	4	-64.7		16	99	88	26	23,817	17	-56.2		29	99	85	28
TAWAU	1	1,008		25.0	1.3					1,503	1	18.4	5.0					3,141	1	9.4	8.3					5,851	1	-6.2	7.0					9,658	1	-31.7	11.6				
		12,399	1	-52.2						14,201	1	-65.8						16,572	1	-76.3						20,711	8	-62.4						23,967	25	-51.8					
SINGAPORE																																									
SINGAPORE/PAYA LEBAR	1	1,007		25.0	1.0					1,496	1	17.5	2.5	3	90	224	6	3,132	1	8.9	4.4	2	83	269	5	5,840	1	-6.9	3.9	3	6	252	1	9,646	1	-32.0	6.6	2	89	93	10
		12,374	1	-54.8	6.9	2	95	73	20	14,153	1	-68.6		2	99	71	30	16,509	1	-76.7		1	82	88	9	20,614	1	-64.5		1	99	90	27	23,799	1	-56.0		1	99	90	35
CHINA																																									
HAILAR	1	937		14.8	2.6					1,433	0	12.3	4.7	1	35	215	3	3,037	0	3.0	6.0	1	51	252	5	5,685	0	-12.8	8.2	0	67	253	8	9,383	0	-39.4	7.5	0	67	245	15
		12,091	5	-47.2	8.0	59	1	246	25	13,987	7	-50.2	9.1	7	95	248	22	16,613	12	-52.8	9.4	9	95	246	11	21,096	17	-51.6	10.1	9	75	146	2	24,457	27	-48.6	12.2	9	99	106	5
URUMQI	1	906		17.9	13.1					1,469	0	20.0	17.4	0	28	7	1	3,105	0	7.6	13.7	0	81	336	6	5,782	0	-11.1	11.9	0	95	306	14	9,512	0	-35.6	12.3	0	95	302	27
		12,271	0	-45.8	12.2	0	95	306	37	14,151	0	-54.4	11.3	0	97	306	33	16,702	1	-60.9	9.7	4	96	307	19	21,010	2	-57.2	9.6	6	69	28	3	24,294	3	-51.1	10.4	7	96	90	7
BEIJING	1	1,002		23.0	3.7					1,476	0	16.9	7.0	0	30	281	2	3,107	0	7.3	8.1	0	59	262	4	5,802	0	-7.9	14.1	0	84	250	11	9,514	0	-31.4	10.1	0	83	243	23
		12,371	1	-47.3	10.1	1	94	243	28	14,232	1	-57.5	10.0	1	94	246	23	16,731	2	-64.4	13.6	2	96	244	14	20,993	2	-58.6		2	85	101	4	24,254	3	-52.7		3	98	93	9
LANZHOU	1	845		15.5	3.2													3,109	0	10.3	6.4	0	25	239	1	5,828	0	-6.9	9.3	0	90	291	9	9,632	0	-30.4	10.5	0	90	266	18
		12,413	0	-47.2	10.3	0	92	271	11	14,271	0	-58.1	10.0	0	90	277	18	16,750	2	-68.4		3	90	292	9	20,961	4	-60.3		6		84	8	24,213	6	-52.4		8		86	12
LHASA	1	655		9.2	3.8																					5,858	0	-2.3	5.6	0	75	246	4	9,700	0	-26.9	8.6	0	57	35	4
		12,533	0	-47.7	8.4	0	73	314	8	14,378	11	-58.1	9.8	2	56	342	5	16,920	6	-72.8		7	82	45	9	20,933	10	-62.8		9	86	100	12	24,141	1	-55.6		9		90	19
TAIBEI	2	1,001		27.6	3.2					1,444	18	19.8	5.4	9	28	118	6	3,102	18	12.8	9.5	9	73	125	17	5,848	18	-2.9	12.1	9	72	213	19	9,698	19	-27.5	13.0	9	64	131	18
		12,482	0	-50.7		9	25	146	5	14,294	20	-64.9		9	27	118	6	16,676	20	-76.5		9	71	266	18	20,836	23	-60.5		9	85	272	33	24,076	25	-53.9		9	77	255	31
KUNMING	1	808		16.9	1.7													3,012	0	10.3	1.7	0	43	64	3	5,854	0	-3.1	4.9	0	40	62	2	9,731	0	-27.6	6.4	0	71	43	5
		12,529	11	-46.6	7.7	1	67	25	6	14,368	11	-61.6		1	44	41	4	16,796		-74.5		4		67	12	20,905		-63.2		6		84	18	24,103		-55.6		9		87	23
GUANGZHOU	1	1,002		26.5	2.5					1,447	0	19.6	3.3	0	71	80	5	3,098	0	11.3	4.5	0	57	71	4	5,844	0	-2.7	6.2	1	57	79	4	9,721	0	-26.9	7.5	0	50	106	3
		12,516	0	-48.8	6.3	0	38	77	3	14,346	0	-63.4		0	70	67	7	16,746	0	-76.6		0		81	15	20,866	3	-63.2		8		87	22	24,099	15	-53.8		9		87	24
AUSTRALASIA																																									
INDONESIA																																									
JAKARTA/KEMAYORAN	3	1,010		26.5	4.0					1,501	2	17.0	3.0					3,136	2	9.0	8.8					5,854	3	-5.4	14.0					9,676	3	-30.0	5.5				
		12,406	4	-51.3						14,208	9	-67.0						16,570	19	-75.9						20,698		-63.5						23,898		-55.5					
SURABAYA/JUANDA	1	1,011		23.7	2.1					1,499	16	15.8	3.5	9	90	90	4	3,129	16	8.7	6.0	9	60	50	3	5,839	16	-5.8						9,663	16	-32.9	7.2	9	98	80	11
		12,461	16	-54.9		9	79	80	12	14,342	16	-55.9		9	99	60	18	16,873	16	-56.9		9	98	80	10																
NORTH PACIFIC																																									
LIHUE, KAUAI, HAWAII	2	1,013		25.1	4.8					1,546	0	13.9	3.8	0	99	82	7	3,169	0	9.0	17.3	0	69	72	3	5,878	0	-6.4	16.8	0	27	246	1	9,657	0	-35.2	11.8	0	78	263	10
		12,351	0	-56.9		0	82	269	15	14,127	0	-66.5		0	86	265	15	16,560	0	-68.8		0	41	153	2	20,772	1	-61.0		1	99	88	18	23,992	3	-55.3		3	100	90	23
HILO/GEN. LYMAN, HAWAII	2	1,015		21.6	3.2					1,538	0	13.4	1.1	0	93	93	4	3,156	0	8.2	18.5	0	57	105	3	5,866	0	-6.4	19.0	0	20	210	1	9,655	0	-34.5	13.9	0	81	260	9
		12,357	0	-56.3		0	87	262	16	14,136	1	-67.7		1	88	256	16	16,539	1	-71.5		1	61	146	3	20,725	1	-62.1		1	99	88	19	23,936	1	-55.4		1	100	90	23
WAKE ISLAND	2	1,013		28.3	4.7					1,541	0	17.7	3.7	0	71	94	4	3,179	0	9.3	8.8	0	74	88	4	5,887	0	-7.3	10.8	0	56	77	3	9,681	0	-33.4	11.3	0	71	22	4
		12,397	0	-55.4		0	62	358	8	14,177	1	-68.0		1	56	359	7	16,576	2	-71.3		2	92	74	7	20,761	3	-62.1		3	99	88	20	23,978	3	-54.4		3	100	89	25
GUAM, TAGUAC, MARIANA IS.	2	998		24.4	0.8					1,511	0	18.4	3.5	0	32	142	2	3,153	0	9.6	3.4	0	60	134	4	5,873	0	-5.8	3.2	0	56	110	3	9,699	1	-31.0	7.1	1	49	55	4
		12,437	1	-54.3		1	55	12	6	14,219	1	-69.1		1	67	12	9	16,564	2	-77.8		2	98	71	12	20,684	6	-63.4		6	100	87	24	23,877	6	-56.1		6	100	90	32
TRUK, CAROLINE ISLANDS	1	1,010		28.4	4.1					1,510	0	17.8	3.2	1	70	117	3	3,152	0	9.6	4.7	1	85	112	5	5,872	0	-5.2	7.1	1	87	100	6	9,707	0	-30.1	10.3	0	55	76	3
		12,455	0	-53.3		0	43	23	3	14,245	0	-68.0		0	35	2	3	16,597	0	-78.6		0	82	86	7	20,721	1	-63.3		1	100	90	26	23,925	3	-54.6		3	100	90	36
KOROR, PALAU ISLANDS	1	1,006		27.8	3.6					1,505	0	18.6	4.2	0	87	254	7	3,150	0	10.1	6.1	0	64	245	5	5,875	1	-5.1	4.4	1	23	147	2	9,713	1	-29.8	7.9	1	89	79	11
		12,466	2	-52.5		2	94	52	19	14,261	2	-67.4		2	93	49	22	16,620	2	-77.2		2	96	83	14	20,759	2	-63.1		2	100	89	26	23,966	4	-54.4		4	100	91	36
SOUTH PACIFIC																																									
ATUONA, MARQUESAS ISLAND		1,005		27.5	5.6					1,507	0	15.8	2.7	0	91	91	7	3,140	0	9.8	12.5	0	83	102	6	5,864	0	-4.3	18.0	0	41	136	3	9,691	0	-30.8	15.5	0	67	254	8
		12,437	0	-52.2		0	88	256	13	14,240	0	-65.8		0	90	256	12	16,620	0	-76.0		0	85	273	7	20,763	3	-61.3		4	94	89	13	23,987	6	-53.2		9	96	87	20
PAGO PAGO, SAMOA	1	1,012		28.0	4.7					1,520	14	16.6	2.9	14	58	49	4	3,158	14	9.9	12.1	14	35	8	2	5,873	14	-6.2	14.0	14	67	317	4	9,684	14	-31.9	12.6	14	84	281	10
		12,420	14	-53.6		14	81	278	12	14,212	14	-67.2		14	91	259	12	16,574	14	-79.2		14	83	262	5	20,716	14	-61.4		14	96	87	8	23,928	16	-55.4		16	99	86	15
HAO, TUAMOTU IS.		1,014		25.9	6.6					1,520	0	13.7	3.4	0	20	320	1	3,143	0	8.8	17.3	0	67	293	5	5,850	0	-6.6	16.1	1	85	268	10	9,631	0	-33.6	11.0	2	90	259	22
		12,354	0	-53.7		6	95	258	27	14,146	0	-65.9		8	98	262	24	16,536	0	-75.4		9	93	269	14	20,707	6	-60.6		14	26	266	2	23,947	19	-54.1		24	90	69	8
TAHITI, SOCIETY IS.		1,014		27.1	6.7					1,520	0	14.1	3.6	0	30	55	2	3,148	0	9.2	18.0	0	48	274	4	5,861	0	-6.0	15.6	0	85	265	10	9,656	0	-32.8	11.8	0	95	257	24
		12,389	0	-52.8		0	98	261	31	14,189	0	-65.4		1	97	261	28	16,585	1	-74.7		4	96	272	18	20,785	7	-59.4		10	52	80	5	24,021	13	-53.4		17	95	83	10
NOUMEA/NOUVELLE-CALEDONIE		1,008		22.0	7.1					1,513	0	10.6	6.8	0	34	283	2	3,113	0	4.9	20.0	0	85	280	10	5,790	0	-8.9	21.0	1	96	277	27	9,564	0	-32.5	17.0	1	95	270	40
		12,310	0	-51.0		2	96	264	44	14,132	1	-63.6		3	97	264	39	16,545	1	-72.8		9	97	266	23	20,750	4	-59.2		14	47	289	2	23,982	7	-53.4		15	89	84	6
RAPA, AUSTRAL IS.		1,010		18.5	6.1					1,505	0	8.0	6.4	1	30	280	3	3,098	1	2.6	16.4	2	77	271	9	5,744	1	-12.7	10.2	3	91	271	18	9,445	1	-38.2	7.4	7	92	266	31
		12,154	3	-52.5		19	96	257	40	14,000	6	-57.6		21	97	258	33	16,522	9	-62.5		23	94	257	25	20,931	22	-54.0		27	82	272	10								
OCEAN SHIPS																																									
SHIP R		1,021		18.3	1.7					1,536	0	9.7	4.9	0	58	287	5	3,129	11	2.9	12.5	0	62	287	8	5,794	0	-12.9	13.9	0	87	285	13	9,467	0	-39.7		0	66	289	13
		12,122	0	-56.4		0	61	296	12	13,907	0	-58.1		0	70	294	10	16,492	1	-57.7		0	63	286	5	20,903	3	-53.8		2	48	98	2								

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
JANUARY 1984		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
JULIANA AP, ST. MAARTEN	2	1,016		25.7	3.5					1,538	3	14.0	5.0	3	86	95	7	3,156	3	7.0	14.3	3	66	72	4	5,850	4	-7.9	16.7	5	49	12	4	9,613	4	-35.8	14.1	5	68	323	11
		12,317	6	-54.7		8	84	304	16	14,112	8	-64.5		9	89	307	16	16,524	8	-75.1		11	85	332	10	20,609	9	-63.6		13	78	81	5	23,821	13	-54.7		13	95	100	9
SOUTH AMERICA																																									
ARGENTINA-NORTHERN																																									
SALTA AERO	2	877		18.1	1.3					1,486	0	18.0	2.1	0	43	140	1	3,132	0	10.9	4.0	1	2	20	1	5,853	0	-5.8	7.6	0	32	131	1	9,665	0	-31.1	14.5	0	49	275	5
		12,402	0	-53.2		0	57	292	8	14,194	2	-66.4		2	48	304	6	16,576	2	-76.3		2	20	66	2	20,657	3	-64.2		4	95	87	11	23,869	5	-54.5		5	97	86	15
MENDOZA AERO	2	931		21.0	6.8					1,492	0	18.2	7.8	1	75	168	4	3,126	0	8.0	5.5	1	61	348	3	5,817	0	-8.7	18.3	1	81	275	10	9,568	0	-35.7	17.1	1	88	282	19
		12,278	0	-53.2		3	92	287	26	14,087	0	-63.0		6	88	289	27	16,524	2	-70.8		10	78	273	16	20,659	3	-63.2		15	54	70	6	23,884	9	-51.7		20	91	91	11
RESISTENCIA AERO	2	1,002		25.9	3.2					1,491	0	19.2	6.2	0	73	321	6	3,136	0	9.9	12.3	0	48	301	4	5,854	0	-5.5	16.9	0	41	272	3	9,670	0	-31.5	19.6	0	60	251	9
		12,411	0	-52.9		0	69	264	13	14,211	0	-65.7		0	62	257	10	16,609	0	-75.6		0	20	227	2	20,694	5	-63.1		5	94	65	9	23,915	14	-53.7		14	95	72	13
ARGENTINA-SOUTHERN																																									
SANTA ROSA AERO	2	989		19.7	5.1					1,492	0	16.3	13.2	0	19	229	1	3,113	0	6.3	16.2	0	58	264	5	5,783	0	-10.3	20.6	0	86	269	14	9,514	0	-36.7	22.3	1	89	279	25
		12,212	0	-53.7		2	92	290	36	14,024	0	-61.8		3	94	284	33	16,491	1	-68.1		6	60	259	12	20,686	2	-60.5		5	18	314	3	23,926	6	-51.7		18	84	97	12
NEUQUEN AERO	2	979		18.8	11.6					1,479		14.7	19.7	0	54	270	6	3,091	0	5.0	17.6	0	78	284	12	5,745	0	-12.2	23.1	0	89	272	18	9,445	0	-39.1	18.2	9	88	271	26
		12,121	0	-54.5		17	89	269	27	13,942	0	-58.8		19	94	270	27	16,447	0	-64.8		20	97	260	15	20,723	3	-56.9		20	63	58	4								
EZEIZA AERO	2	1,008		22.3	3.0					1,491	0	16.5	10.8	0	23	228	2	3,117	0	6.9	12.3	0	45	243	4	5,804	0	-8.7	14.3	0	71	257	10	9,569	0	-34.5	13.3	0	89	279	20
		12,283	0	-53.5		0	90	280	27	14,093	0	-62.3		0	90	273	28	16,547	0	-69.2		1	90	263	18	20,739	0	-59.2		1	3	349	1	24,022	6	-49.0		7	74	76	9
COMANDANTE ESPORA B.N.	2	1,003		20.1	6.5					1,486	0	15.1	13.8	2	68	262	5	3,098	0	4.9	16.8	3	69	267	8	5,752	0	-12.1	19.8	3	92	267	17	9,458	0	-38.1	18.8	9	94	283	25
		12,144	0	-53.8						13,971	1	-59.4						16,477	1	-64.1						20,779	7	-55.2						24,108	14	-46.8					
COMODORO RIVADAVIA AERO	2	1,000		17.4	13.3					1,407	0	8.8	18.4	2	87	260	11	2,984	0	-1.2	19.8	2	89	268	14	5,581	0	-17.7	22.2	2	91	270	20	9,203	0	-44.1	23.2	3	88	270	27
		11,840	1	-55.2		5	91	274	30	13,667	2	-56.1		7	94	273	25	16,230	3	-58.6		9	92	275	17	20,616	5	-53.1		11	7	103	1	23,945	10	-47.1		16	95	102	5
RIO GRANDE B.A.	2	995		8.6	4.9					1,306	11	0.8	12.4					2,842	11	-7.2	9.0					5,388	11	-23.0	11.4					8,936	11	-47.4	14.2				
		11,575	11	-51.1						13,450	11	-50.2						16,089	11	-50.9						20,633	13	-48.2						24,038	16	-42.6					
ANTARCTICA																																									
B. A. VICECOMODORO MARAMBIO	2	966		-3.2	0.7					1,193	6	-9.5	4.4	6	31	115	1	2,669	6	-14.9	8.9	6	10	89	1	5,139	6	-29.2	10.7	6	11	323	1	8,604	6	-50.1	12.2	6	8	317	1
		11,269	6	-46.2		6	2	93	1	13,181	7	-45.6		8	15	48	1	15,887	6	-44.4		6	18	105	1	20,544	10	-41.1		14	16	57	1	24,020	19	-39.0					
EUROPE																																									
GREECE																																									
ATHENS/HELLINIKON	2	1,016		13.7	6.5					1,480	0	3.4	8.9	0	69	280	6	3,034	0	-4.1	11.9	0	64	275	7	5,605	0	-21.5	11.4	0	58	277	10	9,169	0	-47.2		0	68	279	18
		11,786	0	-55.6		1	78	276	23	13,626	4	-54.7		5	80	268	20	16,198	6	-57.8		9	89	267	16	20,562	11	-57.5		9	81	254	9	23,790	15	-55.2		9	47	254	4
FEBRUARY 1984																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
JULIANA AP, ST. MAARTEN	2	1,015		25.3	3.6					1,529	1	13.0	4.3	1	96	96	8	3,147	1	7.4	14.2	1	75	75	4	5,847	1	-7.7	17.1	2	70	330	4	9,625	2	-34.3	14.3	4	95	297	17
		12,337	5	-54.8		6	97	289	27	14,126	5	-65.8		7	96	288	21	16,526	5	-75.7		7	96	300	16	20,594	6	-63.2		9	50	339	2	23,782	7	-56.2		7	57	100	3
SOUTH AMERICA																																									
ARGENTINA-NORTHERN																																									
SALTA AERO	2	876		18.1	0.8					1,475	0	17.6	1.0	3	25	81	1	3,120	0	11.5	4.2	4	70	15	3	5,850	0	-4.9	8.3	7	58	20	3	9,671	0	-30.8	16.0	8	45	276	4
		12,407	0	-53.9		8	62	288	8	14,193	0	-67.7		9	53	290	6	16,556	1	-77.7		9	16	42	1	20,637	5	-64.7		13	98	90	10	23,837	9	-54.6		15	98	83	16
MENDOZA AERO	2	931		19.0	5.2					1,483	0	16.5	4.3	1	47	165	3	3,110	0	7.8	9.2	1	48	322	3	5,800	0	-9.0	16.9	1	79	287	11	9,546	0	-36.4	16.5	2	80	287	14
		12,246	0	-54.4		3	89	293	21	14,048	0	-63.8		3	92	296	26	16,485	1	-71.1		6	95	288	22	20,679	3	-59.9		10	22	84	2	23,924	6			13	97	89	10
RESISTENCIA AERO	2	1,003		25.1	2.8					1,501	4	19.3	17.1	4	78	338	8	3,146	4	9.8	7.7	4	82	340	7	5,862	4	-5.8	13.2	4	75	329	6	9,682	4	-31.4	19.5	4	69	274	7
		12,421	4	-53.1		4	62	267	9	14,219	5	-66.2		5	50	282	8	16,604	5	-76.0		5	21	333	2	20,716	13	-62.1		13	94	67	10	23,951	19	-53.1		19	99	76	16
ARGENTINA-SOUTHERN																																									
SANTA ROSA AERO	2	988		16.9	3.9					1,474	5	15.0	12.1	5	28	250	2	3,087	5	6.0	16.5	5	68	284	7	5,760	6	-9.9	23.8	6	88	283	16	9,499	6	-36.4	21.1	6	90	300	27
		12,199	6	-53.3		6	79	308	33	14,000	7	-61.7		10	97	302	40	16,470	7	-67.4		13	95	289	20	20,708	10	-58.7		15	5	0	0	23,970	12	-52.4		17	59	88	5
NEUQUEN AERO	2	979		14.6	8.5					1,466	1	12.9	17.0	1	65	265	8	3,064	1	3.3	20.0	1	75	284	12	5,708	1	-13.2	25.8	2	89	279	21	9,398	1	-39.5	12.3	10	82	282	27
		12,069	1	-55.5		17	88	282	29	13,888	2	-59.5						16,398	4	-63.5						20,703	11	-56.1													
EZEIZA AERO	2	1,008		21.0	2.8					1,487	1	15.6	8.2	1	36	266	3	3,108	1	7.0	12.6	2	67	270	6	5,797	1	-8.2	17.0	2	82	282	11	9,570	1	-33.4	14.4	2	86	293	21
		12,296	1	-53.2		3	91	302	29	14,099	1	-64.3		3	94	292	29	16,534	3	-69.9		4	95	277	18	20,749	4	-58.8		5	35	79	3	24,020	7	-50.0		10	72	82	8
COMANDANTE ESPORA B.N.	2	1,002		17.0	3.5					1,477	1	14.7	11.1	3	61	289	6	3,090		4.6	14.1	4	75	283	9	5,748	1	-11.7	16.2	4	86	281	19	9,471	1	-36.9	17.6	10	92	289	28
		12,165	1	-54.5						13,976	1	-60.5						16,473	2	-64.9						20,748	11	-55.4						24,050	17	-48.7					
COMODORO RIVADAVIA AERO	2	999		15.1	11.4					1,395	0	7.5	12.4	1	75	267	10	2,963	0	-3.0	13.9	1	80	269	11	5,547	0	-19.2	15.9	1	84	277	17	9,156	0	-43.6	18.5	1	82	281	27
		11,808	0	-54.1		2	91	285	30	13,648	0	-55.6		2	90	285	23	16,215	1	-57.7		3	92	290	16	20,626	2	-53.3		4	72	306	2	23,949	7	-48.6		9	56	106	2
RIO GRANDE B.A.	2	994		7.1	3.9					1,298	5	0.8	7.1					2,828	5	-9.0	6.7					5,352	5	-25.0	11.8					8,872	5	-48.0	13.7				
		11,521	5	-50.2						13,399	5	-50.2						16,034	5	-50.8						20,561	7	-49.0													

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB								850 MB 150 MB								700 MB 100 MB								500 MB 50 MB								300 MB 30 MB							
			TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND					TEMPERATURE			MEAN VECTOR WIND			
		HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
FEBRUARY 1984		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH AMERICA																																									
ANTARCTICA																																									
B. A. VICECOMODORO MARAMBIO	2	966		-3.9	1.5					1,203	9	-5.1	6.2	9	4	233	1	2,706	9	-11.9	10.7	9	16	190	2	5,196	10	-27.9	14.1	10	16	190	2	8,664	10	-51.6	10.8	10	13	183	2
		11,318	10	-46.6		10	13	228	1	13,236	11	-46.3		11	18	308	2	15,927	11	-45.8		11	19	359	1	20,530	17	-44.8		17	42	71	2	23,733	19	-44.3					
EUROPE																																									
GREECE																																									
ATHENS/HELLINIKON	2	1,016		13.3	6.5					1,480	0	2.5	7.5	0	38	229	3	3,024	0	-7.0	9.7	0	76	243	8	5,564	0	-24.7	9.0	0	90	247	13	9,092	0	-48.6	9.8	0	88	260	26
		11,713	0	-53.6		0	97	260	30	13,566	0	-53.7		0	95	260	30	16,137	2	-56.2		2	98	263	25	20,492	5	-58.6		5	0	263	16	23,728	10	-56.3		9	97	267	16
MARCH 1984																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
KINGSTON/NORMAN MANLEY, JAM.	2	1,013		24.5	5.0					1,519	0	14.8	3.2	0	92	101	7	3,143	0	7.7	13.7	0	60	67	3	5,849	0	-6.5	18.7	1	83	281	6	9,632	0	-34.3	13.6	1	93	276	17
		12,342	0	-55.5		0	96	265	22	14,122	1	-67.6		1	95	269	18	16,494	1	-78.7		1	88	277	13	20,478	1	-66.9		2	34	325	1	23,653	2	-56.8		4	94	78	7
JULIANA AP, ST. MAARTEN	2	1,015		25.6	3.3					1,534	3	13.5	3.9	4	92	100	6	3,151	3	7.9	19.6	6	64	77	3	5,856	4	-6.5	19.0	7	55	327	4	9,644	5	-33.7	14.9	6	83	295	16
		12,364	8	-54.7		11	85	280	20	14,153	8	-66.6		14	91	288	17	16,547	9	-76.4		15	81	300	9	20,565	11	-64.8		17	40	6	2	23,759	14	-56.1		18	90	88	6
SOUTH AMERICA																																									
ARGENTINA-NORTHERN																																									
SALTA AERO	2	879		16.9	0.6					1,502	19	16.1	0.7					3,134	19	9.6	3.7					5,852	19	-6.4	12.3					9,657	20	-31.5	20.1				
		12,387	21	-54.1																																					
MENDOZA AERO	2	934		16.2	2.7					1,504	2	14.8	3.7	3	55	177	2	3,123	2	6.5	6.2	3	65	353	4	5,801	2	-10.3	14.6	3	85	294	11	9,524	2	-37.7	14.6	3	90	287	20
		12,217	3	-54.0		10	96	281	29	14,027	3	-62.3		12	96	284	29	16,475	3	-69.9		15	97	272	22	20,661	5	-62.3		17	57	115	4	23,902	9	-52.0		19	65	97	6
ARGENTINA-SOUTHERN																																									
SANTA ROSA AERO	2	993		14.6	1.4					1,508	1	13.5	11.0	1	23	333	2	3,114	1	4.4	13.4	1	58	288	5	5,769	1	-11.4	20.6	1	88	268	12	9,467	2	-39.7	20.7	2	87	278	26
		12,125	2	-56.5		3	87	281	35	13,921	2	-62.3		3	89	278	30	16,391	2	-67.3		4	89	271	18	20,601	2	-61.2		5	25	102	2	23,830	3	-53.2		12	47	88	5
NEUQUEN AERO	2	983		13.8	4.3					1,497	3	11.6	10.6	4	42	349	4	3,097	3	3.0	15.5	4	79	298	9	5,737	3	-13.8		5	85	283	12	9,405	28	-41.3	15.0	67	7	288	19
		12,056	3	-55.7		8	83	278	20	13,872	3	-59.4		10	91	272	21	16,376	3	-63.9		11	94	259	14	20,640	7	-59.2		14	66	236	3								
EZEIZA AERO	2	1,014		17.8	1.9					1,516	0	12.8	9.0	3	13	72	1	3,125	0	4.9	13.1	4	49	255	4	5,790	0	-10.8	14.4	4	81	261	11	9,521	0	-36.8	14.8	6	89	267	22
		12,217	0	-54.3		6	90	268	28	14,026	0	-62.1		6	96	267	29	16,488	1	-68.5		8	95	257	18	20,708	3	-59.1		10	29	212	2	23,978	4	-51.0		10	37	81	3
COMANDANTE ESPORA B.N.	2	1,008		14.9	2.9					1,513	2	11.0	9.2	3	26	275	2	3,107	2	2.7	17.4	4	65	277	6	5,747	2	-13.4	16.3	6	84	261	14	9,435	2	-40.3	17.2	8	83	282	21
		12,090	2	-56.0		17	87	283	28	13,898	3	-59.8						16,405	5	-63.6						20,679	15	-58.6						23,978	21	-49.8					
COMODORO RIVADAVIA AERO	2	*1,008*		*12.5*	*7.0*					*1,469*	*0*	*7.1*	*12.8*	*5*	*48*	*284*	*4*	*3,039*	*0*	*-1.5*	*19.5*	*5*	*69*	*265*	*6*	*5,636*	*0*	*-17.8*	*20.4*	*6*	*62*	*260*	*10*	*9,248*	*0*	*-44.7*	*18.1*	*5*	*66*	*269*	*17*
		11,880	0	-56.2		5	78	257	20	13,696	0	-58.6		5	90	259	18	16,227	0	-60.4		6	91	263	15	20,561	1	-57.4		6	80	236	5	23,822	4	-52.1		8	64	242	3
RIO GRANDE B.A.	2	1,006		4.1	3.0					1,399	3	2.1	9.1					2,942	3	-6.4	11.5					5,496	3	-21.7	14.2					9,061	3	-47.1	12.4				
		11,673	3	-55.2						13,510	3	-55.1						16,088	4	-55.5						20,535	9	-53.4													
EUROPE																																									
GREECE																																									
ATHENS/HELLINIKON	2	1,012		13.5	6.2					1,445	0	2.7	6.5	0	37	280	3	2,993	0	-6.3	9.2	0	78	271	9	5,533	0	-23.2	13.5	0	82	271	15	9,077	0	-48.1	10.9	0	83	278	22
		11,698	*0*	-53.5		*0*	95	271	27	13,553	*0*	-53.4		*1*	96	268	25	16,148	*0*	-50.1		*1*	95	266	20	20,590	8	-54.4		8	67	232	5	23,864	11	-53.8		9	38	144	3
APRIL 1984																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
JULIANA AP, ST. MAARTEN	2	1,015		26.8	4.7					1,534	7	14.0	5.5	8	87	114	6	3,158	7	9.4	21.3	8	49	115	2	5,874	7	-6.2	19.5	8	27	297	2	9,668	8	-33.1	14.7	10	85	300	12
		12,393	9	-54.4		9	91	296	18	14,184	9	-66.9		10	92	287	16	16,566	10	-77.3		10	76	285	8	20,641	10	-61.7		10	76	73	3	23,864	10	-53.8		10	98	98	9
SOUTH AMERICA																																									
ARGENTINA-NORTHERN																																									
SALTA AERO	2	880		12.8	0.8					1,513	0	12.2	0.9	12	73	18	1	3,126	0	7.4	8.6					5,841	0	-6.4	20.1					9,609	0	-35.1	19.9				
		12,310	1	-55.4						14,099	6	-66.4						16,494	10	-75.6						20,613	10	-62.6						23,837	13	-52.9					
MENDOZA AERO	2	927		13.3	3.0					1,501	15	14.2	4.4					3,122	15	8.3	14.5					5,818	15	-9.4	18.0					9,554	15	-37.3	14.2				
		12,248	15	-54.2						14,043	15	-64.7						16,473	15	-70.0						20,692	16	-59.0						23,906	18	-52.7					
CORDOBA AERO	2	961		11.6	2.0					1,502	0	11.0	6.5	0	10	348	1	3,106	0	6.2	14.6	0	40	302	4	5,785	0	-10.6	17.1	0	75	264	12	9,509	0	-38.0	16.7	2	74	271	24
		12,186	0	-55.8		5	89	270	33	13,990	0	-61.6		7	86	260	34	16,465	0	-66.7		10	87	258	26	20,701	3	-59.0		15	66	235	10	23,970	4	-51.3		17	41	173	9
RESISTENCIA AERO	2	1,009		16.6	1.0					1,513	1	14.0	10.8	10	11	176	1	3,133	1	7.7	17.9	11	33	276	3	5,828	1	-8.6	21.2	13	72	251	8	9,585	1	-35.8	19.8	15	73	254	17
		12,293	1	-53.9		18	87	249	24	14,102	2	-62.9						16,551	4	-70.7						20,739	13	-60.0						23,965	17	-51.8					

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
APRIL 1984		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH AMERICA																																									
ARGENTINA-SOUTHERN																																									
SANTA ROSA AERO	2	995		9.6	2.1					1,512	9	9.1	9.9	10	31	246	3	3,096	9	0.8	16.5	10	58	298	6	5,722	9	-15.0	22.6	11	76	282	14	9,373	9	-42.0	19.3	13	81	282	24
		12,014	9	-57.2		12	76	275	24	13,811	9	-61.8		12	85	279	24	16,303	9	-64.2		12	94	267	25	20,560	11	-60.7		14	71	262	8	23,772	11	-55.7		15	70	281	10
NEUQUEN AERO	2	985		7.8	2.8					1,492	1	9.0	16.4	1	53	255	6	3,071	1	0.0	18.6	1	69	253	10	5,685	1	-15.8	21.8	1	73	263	18	9,327	1	-42.9	19.2	6	70	255	23
		11,966	1	-56.7		9	89	261	23	13,772	1	-60.4		12	93	260	24	16,287	1	-62.5		14	91	258	22	20,596	1	-58.2		14	86	263	12								
EZEIZA AERO	2	1,014		12.6	1.9					1,502	1	9.9	9.3	1	19	264	2	3,092	1	3.1	14.4	0	48	253	5	5,740	0	-13.4	16.2	0	67	264	12	9,425	0	-39.8	15.0	0	75	267	22
		12,093	0	-55.7		1	77	267	26	13,900	0	-60.5		1	86	265	26	16,397	0	-64.3		1	91	267	21	20,679	1	-57.9		4	81	258	8	23,969	7	-50.4		9	79	285	7
COMANDANTE ESPORA B.N.	2	1,009		11.2	3.2					1,506	3	8.0	11.1	5	51	264	5	3,083	3	-0.2	16.4	5	72	265	10	5,697	3	-16.3	20.9	6	79	268	16	9,337	3	-42.4	19.4	11	76	261	44
		11,977	3	-56.5		17	81	263	24	13,782	3	-60.3						16,304	5	-61.8						20,620	9	-58.3						23,869	20	-52.8					
COMODORO RIVADAVIA AERO	2	1,005		11.0	9.0					1,429	0	4.6	16.2	2	85	237	11	2,982	0	-5.1	18.4	2	84	237	12	5,550	0	-21.0	16.8	3	79	256	17	9,125	0	-46.5	18.8	4	75	262	23
		11,729	0	-58.7		4	83	262	26	13,533	0	-59.0		4	91	266	24	16,067	0	-59.6		6	93	269	18	20,407	3	-58.6		10	95	268	14	23,646	7	-56.3		12	90	275	12
RIO GRANDE B.A.	2	995		3.3	3.4					1,292	5	-1.5	7.1	17	97	255	15	2,812	5	-10.7	9.9					5,317	5	-27.1	12.1					8,821	5	-48.8	13.7				
		11,440	5	-53.6						13,300	6	-52.8						15,901	6	-54.6						20,323	17	-55.7													
EUROPE																																									
GREECE																																									
ATHENS/HELLINIKON	2	1,011		16.6	7.4					1,461	0	4.9	6.8	0	16	286	2	3,022	0	-3.5	10.2	0	60	276	12	5,602	0	-20.0	11.6	0	77	277	24	9,181	0	-47.0	10.6	0	84	271	39
		11,816	1	-52.4		0	92	275	51	13,670	1	-53.6		1	94	278	48	16,252	1	-57.0		1	87	268	34	20,633	4	-54.8		4	88	253	15	23,944	15	-51.0		9	84	240	16
MAY 1984																																									
NORTH AMERICA																																									
MEXICO-NORTHERN																																									
ISLA GUADALUPE, B.C.	2	1,013		15.3	2.0					1,519	1	19.2	23.1	1	50	329	3	3,161	1	10.4	21.4	1	31	272	2	5,867	1	-9.0	17.5	1	41	279	3	9,597	1	-38.4	13.3	1	52	273	7
		12,264	1	-57.8		1	84	271	14	14,045	1	-64.5		1	94	263	14	16,497	2	-69.9		2	89	276	9	20,673	6	-60.8		6	76	74	4	23,910	6	-53.1		6	85	70	6
CHIHUAHUA UNIV. DE	2	858		15.5	10.3					1,503	0	18.1	15.7	2	33	301	1	3,147	0	9.8	15.1	1	13	278	1	5,838	1	-10.2	13.1	2	24	330	2	9,565	0	-38.1	11.6	0	51	281	5
		12,237	0	-57.5		1	68	273	11	14,023	1	-64.2		3	90	278	13	16,484	4	-68.4		5	86	287	10	20,689	15	-59.7		16	81	86	4	23,946	16	-52.0		16	97	77	7
GUATEMALA																																									
GUATEMALA/LA AURORA AP	2	852		16.1	1.0					1,517	1	15.9	1.5	3	70	25	1	3,150	1	7.9	4.4	3	52	89	1	5,858	1	-6.6	10.0	3	29	108	1	9,663	1	-32.3	11.8	3	56	235	3
		12,389	1	-54.8		6	80	246	7	14,173	5	-68.0		6	89	264	8	16,536	6	-77.1		7	40	262	2	20,629	7	-62.2		8	94	90	8	23,851	8	-54.6		10	100	88	21
ADJACENT ISLANDS																																									
ST GEORGE, BERMUDA	2	1,017		21.2	4.0					1,553	1	12.0	9.2	1	62	263	5	3,158	1	4.6	15.3	2	67	273	6	5,825	1	-10.7	17.6	2	59	274	7	9,555	1	-37.1	12.6	2	60	280	10
		12,240	1	-56.0		2	59	291	11	14,036	1	-62.2		5	76	289	13	16,550	4	-61.7		5	84	282	9	20,903	8	-54.1		13	38	83	2	24,278	20	-46.7		28			
JULIANA AP, ST. MAARTEN	2	1,016		27.4	3.3					1,542	2	14.7	3.8	2	96	106	7	3,165	3	8.3	14.6	3	59	106	2	5,864	3	-7.8	15.0	3	49	315	3	9,648	3	-33.8	13.4	4	95	293	17
		12,363	3	-55.0		4	95	289	23	14,150	3	-66.8		4	96	288	23	16,542	3	-74.0		4	98	285	13	20,692	3	-60.7		5	97	101	7	23,928	3	-53.4		4	99	103	15
SOUTH AMERICA																																									
ARGENTINA-NORTHERN																																									
SALTA AERO	2	876		9.2	1.0					1,475	1	10.6	1.8	12	2	285	0	3,100	1	12.1	21.1	17	85	313	4	5,823	1	-6.4	23.4	21	65	266	9	9,584	1	-36.2	16.8				
		12,267	1	-56.8						14,038	3	-67.3						16,431	3	-79.1						20,607	7	-60.0						23,856	9	-52.1					
RESISTENCIA AERO	2	1,006		17.2	1.4					1,487	2	14.8	9.2	7	66	336	10	3,113	2	8.6	20.2	9	58	321	8	5,815	2	-8.3	25.5	13	86	278	13	9,566	2	-36.5	18.1	16	80	269	23
		12,260	2	-55.0		21	86	259	27	14,066	3	-63.6						16,494	4	-71.0						20,704	10	-57.7													
ARGENTINA-SOUTHERN																																									
SANTA ROSA AERO	2	991		5.0	2.6					1,463	19	8.7	17.6	19	80	258	9	3,050	19	-0.8	19.0	19	86	261	15	5,657	19	-17.3	22.8	19	89	278	24	9,284	19	-43.2	21.7	20	87	287	31
		11,925	19	-56.5		21	95	276	30	13,736	19	-59.8						16,236	19	-63.7																					
NEUQUEN AERO	2	980		5.3	5.1					1,439	0	4.9	15.0	0	75	258	14	2,994	0	-4.2	16.4	0	80	271	19	5,559	0	-21.2	14.2	3	73	268	22	9,133	0	-46.1	15.4	15	80	265	30
		11,752	0	-55.9		19	86	253	31	13,582	1	-56.5						16,121	2	-59.9						20,446	8	-60.4													
EZEIZA AERO	2	1,009		9.9	2.6					1,456	0	8.9	10.9	1	54	249	6	3,042	0	1.8	14.4	0	82	276	13	5,667	0	-15.5	13.6	0	92	274	23	9,322	0	-41.3	13.8	1	95	274	37
		11,980	0	-55.4		1	96	273	37	13,786	0	-61.3		1	97	279	36	16,284	0	-63.7		0	97	274	31	20,573	1	-58.1		2	96	277	20	23,833	5	-52.8		7	97	281	20
COMANDANTE ESPORA B.N.	2	1,004		7.1	4.0					1,442	0	5.6	12.2	4	83	273	11	3,003	0	-3.1	17.7	4	87	272	18	5,581	0	-20.1	16.2	4	90	280	27	9,172	0	-45.3	16.1	14	86	266	33
		11,793	0	-56.9						13,609	0	-57.9						16,150	3	-59.5						20,481	18	-59.1													
COMODORO RIVADAVIA AERO	2	1,000		4.6	5.3					1,359	0	-1.8	11.0	1	79	232	11	2,877	0	-11.0	14.2	2	85	232	14	5,379	0	-27.8	24.5	2	80	250	17	8,865	0	-50.9	25.3	2	73	257	24
		11,462	0	-55.5		3	82	264	24	13,297	0	-55.3		3	84	266	22	15,865	4	-57.7		7	90	271	23	20,207	4	-60.9		7	94	275	19	23,380	6	-61.5		12	96	272	23
RIO GRANDE B.A.	2	999		-3.6	2.7					1,302	6	-5.2	8.1	19	81	210	8	2,798	6	-14.7	11.7					5,265	6	-30.4	14.3					8,718	6	-52.4	13.7				
		11,297	6	-56.9						13,123	6	-56.1						15,689	6	-58.1						20,012	9	-62.7						23,152	21	-64.5					
ANTARCTICA																																									
MAWSON	2	993		-14.5	6.8					1,193	0	-18.2	4.6	1	72	99	6	2,630	0	-22.5	7.4	0	35	180	3	5,049	0	-34.8	6.8	0	43	242	5	8,449	1	-55.9		1	55	261	9
		10,994	1	-58.4		2	85	265	14	12,807	2	-59.0		2	92	269	15	15,334	.	-61.5		2	97	271	19	19,591	4	-65.3		3	98	276	30	22,699	9	-65.5		9	98	275	42
DAVIS	1	990		-14.7	8.4					1,166	0	-17.1	6.0	4	77	59	7	2,611	0	-22.1	6.8	4	39	39	3	5,021	0	-35.6	5.9	4	22	347	3	8,406	0	-56.3		3	45	273	7
		10,950	0	-58.6		6	61	268	11	12,755	0	-59.1		7	68	265	13	15,280	0	-61.9			80	264	13	19,510	1	-68.0						22,602	3	-67.8					
CASEY	1	982		-8.0	3.6					1,142	1	-11.8	3.0	3	85	56	9	2,609	1	-18.6	4.1	1	51	73	5	5,046	1	-34.1	5.7	0	30	21	4	8,442	1	-56.3		0	21	88	4
		10,956	1	-57.5		0	52	326	7	12,814	1	-57.5		1	83	299	9	15,358	1	-59.9		1	92	292	15	19,655	7	-64.2		9	97	281	23	22,797	14	-65.9					

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
MAY 1984		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
EUROPE																																											
GREECE																																											
ATHENS/HELLINIKON	2	1,011		23.1	15.9					1,500	0	14.6	15.7	0	60	266	9	3,110	0	5.1	17.5	0	76	261	20	5,763	0	-13.7	22.6	0	90	273	36	9,439	0	-41.1	12.3	0	96	275	59
		12,087	0	-56.3		0	94	278	69	13,919	3	-57.5		4	98	280	64	16,470	6	-60.2		8	100	276	40	20,815	13	-56.6		9	28	245	4	24,092	16	-51.4		9	60	95	6
AUSTRALASIA																																											
AUSTRALIA WESTERN																																											
BROOME	1													0	75	75	5					0	27	147	1					0	89	267	9					0	89	263	17
						0	93	262	21					0	93	267	22					1	89	265	14																
PORT HEDLAND	1	1,013		20.4	6.3					1,526	0	16.6	11.0	0	60	43	4	3,146	0	7.0	12.0	3	31	302	2	5,840	0	-7.6	15.9	0	90	266	13	9,628	0	-32.5		0	91	268	25
		12,354	0	-54.3		1	94	262	29	14,138	0	-67.8		1	92	266	28	16,501	0	-77.6		1	90	263	20	20,621	4	-60.6		4	39	85	2								
CARNARVON	1	1,014		16.7	2.4					1,510	6	11.9	7.6	4	32	285	3	3,116	0	4.9	15.0	5	83	293	10	5,781	6	-10.6	12.9	7	95	274	19	9,523	6	-35.1		9	96	270	38
		12,231	6	-54.8		9	95	266	44	14,019	6	-66.2		9	95	264	42	16,416	6	-73.4		9	95	268	27	20,589	7	-59.1		12	58	262	3	23,855	20	-52.1					
PERTH AIRPORT	1	1,014		13.3	2.2					1,489	0	6.8	3.2	0	73	295	8	3,064	0	-0.2	14.9	0	84	288	11	5,675	0	-16.8	18.4	0	91	277	17	9,305	0	-42.9		0	95	274	33
		11,953	0	-56.1		0	94	269	48	13,757	0	-61.3		1	96	276	41	16,240	0	-65.0		1	97	269	26	20,521	3	-58.7		7	90	287	9								
ALBANY M.O.	1													0	71	283	10					0	82	281	13					0	86	278	18					0	89	274	27
						2	94	267	37					5	95	264	34					10	95	265	21																
GILES	1	951		17.9	14.1					1,550	0	13.7	13.8	0	48	7	3	3,155	0	3.9	13.3	0	72	289	6	5,809	0	-11.8	12.4	0	94	265	15	9,534	0	-36.3		0	94	259	36
		12,237	0	-54.3		0	94	259	43	14,030	0	-65.7		1	95	266	37	16,436	1	-73.0		4	97	266	17	20,621	2	-59.2		9	82	93	6	23,882	14	-52.5		30			
KALGOORLIE	1	976		10.0	2.3					1,517	0	7.9	5.6	3	65	299	7	3,100	0	1.5	15.1	8	83	279	10	5,726	0	-15.3	16.5	13	96	272	17	9,383	0	-40.7		16	93	263	32
		12,043	0	-55.7		17	92	261	48	13,846	0	-62.1		20	94	256	38	16,324	0	-65.7		21	93	257	22	20,603	4	-57.2						23,891	17	-52.0					
FORREST	1	1,001		11.5	3.3					1,523	19	7.3	7.0	0	58	304	5	3,099	19	0.2	13.2	0	88	288	10	5,712	19	-17.4	19.6	0	93	275	15	9,347	19	-41.7		0	94	265	33
		11,999	19	-55.6		0	95	261	47	13,805	19	-61.8		0	96	261	42	16,283	19	-66.2		4	97	266	26	20,560	19	-57.6		17	81	273	8					21	27	341	2
AUSTRALIA NORTHEASTERN																																											
WILLIS ISLAND	1	1,013		26.0	5.2					1,523	0	14.5	4.4	1	90	119	15	3,152	0	8.9	15.1	0	39	287	3	5,860	0	-5.6	19.9	1	87	266	10	9,660	0	-32.3		1	85	264	17
		12,386	0	-54.5		0	86	268	42	14,166	0	-68.5		0	96	267	23	16,511	1	-79.1		1	95	267	21	20,625	2	-61.2		4	48	95	3	23,844	2	-55.3		5	89	84	13
DARWIN AIRPORT	1	1,009		25.2	5.9					1,518	0	16.3	5.7	1	96	111	9	3,150	0	9.8	16.6	0	49	132	2	5,870	0	-4.6	23.3	0	23	116	1	9,697	0	-30.7		0	52	251	4
		12,436	0	-53.8		0	72	276	7	14,218	0	-68.8		0	77	268	8	16,553	0	-80.4		0	67	247	6	20,636	1	-63.1		2	85	101	6	23,843	18	-53.3		16	99	87	21
ALICE SPRINGS	1	958		14.6	10.9					1,553	0	12.6	12.4	1	53	74	4	3,156	0	3.8	12.0	0	49	239	3	5,815	0	-11.4	11.7	0	91	253	13	9,543	0	-36.0		1	95	259	32
		12,246	1	-54.5		0	95	256	41	14,033	1	-66.5		1	96	261	39	16,427	1	-74.2		2	97	262	28	20,610	3	-59.1		3	18	130	1								
MT. ISA M.O.	1	978		21.8	14.5					1,544	0	14.0	10.2	0	84	100	6	3,153	0	5.6	17.2	0	76	178	4	5,835	0	-8.4	15.8	0	89	254	13	9,604	0	-34.1		0	92	262	30
		12,318	0	-54.4		1	92	257	35	14,105	0	-67.2		3	95	264	33	16,476	1	-76.4		10	96	260	19	20,629	2	-60.3		19	70	91	5								
CHARLEVILLE	1	986		17.6	10.3					1,554	0	9.5	9.0	0	35	109	2	3,138	0	1.6	18.4	1	38	241	2	5,769	0	-14.8	12.9	0	84	251	12	9,448	0	-39.0		1	91	256	35
		12,126	0	-54.5		0	92	261	45	13,931	0	-62.5		0	95	264	42	16,392	0	-67.8		0	96	265	23	20,652	0	-58.6		0	25	67	1					20	89	82	4
TOWNSVILLE	1	1,017		24.1	7.8					1,537	0	12.4	4.8	0	91	102	8	3,147	0	6.5	18.0	0	22	193	2	5,836	0	-7.6	17.3	0	89	256	14	9,615	0	-33.7		0	88	259	27
		12,332	0	-54.4		0	89	265	32	14,115	0	-68.2		0	92	266	29	16,477	0	-77.4		4	95	263	19	20,616	1	-61.2		10	60	74	4								
BRISBANE AIRPORT	1	1,021		17.2	5.2					1,548	0	8.0	6.0	0	57	119	4	3,127	0	0.6	18.7	0	26	220	2	5,743	0	-16.5	15.8	0	77	271	10	9,391	0	-41.3		0	90	270	28
		12,055	0	-55.0		1	88	270	39	13,867	0	-61.1		1	94	272	36	16,348	0	-65.9		1	95	273	22	20,625	8	-58.7		10	67	73	3	23,881	15	-52.9		19	93	93	7
AUSTRALIA SOUTHEASTERN																																											
WOOMERA	1	1,003		13.7	6.8					1,552	0	7.5	10.3	0	42	332	3	3,127	0	0.0	16.2	0	65	273	5	5,739	0	-16.9	13.8	4	89	256	12	9,362	1	-43.8		7	95	254	25
		11,999	1	-56.2		8	94	254	39	13,807	1	-60.5		8	95	256	33	16,302	1	-64.0		9	96	266	21	20,615	5	-56.4		11	45	227	3	23,882	15	-51.5		21	37	47	3
COBAR M.O.	1	992		11.4	5.4					1,562	14	7.4	10.4	0	18	324	1	3,135	14	-0.9	19.3	0	38	259	3	5,731	14	-18.2	18.3	0	73	253	7	9,349	14	-44.3		0	87	257	19
		11,979	14	-56.2		0	91	256	32	13,799	14	-59.3		0	95	263	29	16,310	15	-62.6		2	96	268	21	20,637	16	-56.5		16	24	175	1								
ADELAIDE AIRPORT	1	1,022		13.6	5.1					1,540	0	5.4	5.9	0	63	305	6	3,105	0	-2.7	9.1	0	69	294	7	5,699	0	-18.2	13.0	0	84	268	11	9,304	0	-45.5		0	82	262	17
		11,918	0	-57.1		0	91	262	29	13,735	0	-58.0		2	94	260	27	16,267	0	-60.5		4	94	272	18	20,623	3	-55.5		10	79	265	5	23,897	9	-52.6		16	20	228	2
MT. GAMBIER M.O.	1	1,014		11.8	3.3					1,526	0	4.7	7.4	4	59	296	6	3,083	0	-3.7	11.3	5	60	300	7	5,659	0	-20.2	14.5	8	58	280	8	9,235	0	-47.2		8	62	267	13
		11,822	0	-58.9		9	81	266	20	13,636	1	-57.9		9	88	268	20	16,183	1	-58.8		9	95	269	15	20,574	6	-55.0		15	90	269	7	23,842	16	-53.3					
LAVERTON AIRPORT	1	1,021		10.6	3.6					1,535	0	4.3	6.1	0	52	286	4	3,091	0	-4.2	11.5	0	57	289	6	5,664	0	-20.4	12.4	0	55	274	8	9,239	1	-47.5		0	56	255	12
		11,831	1	-57.7		0	84	260	19	13,646	2	-56.8		0	89	268	18	16,204	2	-58.3		1	93	270	15	20,591	9	-55.2		9	90	278	9								
WILLIAMTOWN	1	1,022		12.6	2.3					1,547	1	6.4	6.1	2	28	218	2	3,113	1	-2.6	14.1	0	44	242	3	5,701	1	-19.7	15.1	0	56	268	5	9,286	1	-46.1		0	77	268	15
		11,902	1	-56.4		0	89	271	24	13,723	1	-57.6		0	93	271	24	16,258	1	-61.7		0	96	275	17	20,602	7	-57.4		8	49	290	3								
HOBART AIRPORT	1	1,020		8.9	2.8					1,506	0	3.3	5.3	0	69	285	9	3,061	2	-4.4	11.4	0	58	279	8	5,622	0	-21.9	13.6	0	48	291	7	9,171	0	-49.3		0	48	282	10
		11,739	0	-60.2		0	63	273	13	13,545	0	-57.2		0	83	271	14	16,113	0	-57.4		0	95	278	14	20,516	6	-55.6		6	94	278	12								
NORTH PACIFIC																																											
MIDWAY ISLAND	2	1,018		23.8	4.2					1,553	0	14.3	4.7	2	81	239	4	3,174	0	6.8	11.0	2	84	252	6	5,860	1	-8.6	12.7	2	91	267	8	9,626	1	-35.4	12.0	1	74	285	9
		12,315	1	-57.5		1	79	298	12	14,081	1	-68.7		1	84	295	13	16,491	5	-72.2		5	92	287	11	20,646	14	-61.2		14	62	73	3	23,875	14	-53.9		16	92	86	5
SOUTH PACIFIC																																											
HONIARA	1	1,004		28.5	6.6					1,516	1	18.9		1	70	80	3	3,161	1	10.4	7.2	0	67	55	4	5,885	1	-5.0	8.2	1	40	48	2	9,717	1	-30.3		1	3	135	0
		12,460	1	-53.7		1	48	252	4	14,244	1	-68.5		1	57	224	5	16,580	1	-81.1		1	65	245	6	20,657	5	-63.6		6	74	86	5	23,864	8	-53.2		11	90	84	18
NANDI, FIJI IS.	1													1	68	48	10					3	48	253	6					6	76	309	13					7	81	292	22
						9	85	278	32					9	88	271	35																								
NORFOLK ISLAND	1	1,005		19.1	3.6					1,519	4	8.8	3.4	1	22	113	2	3,107	4	2.6	18.2	1	44	273	4	5,745	4	-14.2	15.3	1	94	276	14	9,423	4	-39.6		3	96	287	36
		12,094	5	-55.3		7	94	290	43	13,897	5	-62.0		17	99	278	34	16,369	5	-66.2		19	98	273	19	20,629	10	-59.2						23,879	17	-53.2					
LORD HOWE ISLAND	1	1,016		19.4	5.4					1,540	1	7.0	4.1	3	29	203	3	3,114	1	0.0	19.9	3	40	239	4	5,720	1	-17.9	14.9	4	65	274	9	9,334	1	-44.6		6	90	294	21
		11,968	1	-54.9		9	95	288	26	13,793	2	-58.3		12	96	287	26	16,313	3	-61.7		15	98	281	18	20,645	12	-56.8		20	56	298	4								
MACQUARIE ISLAND	1	1,008		5.2	2.0					1,381	0	-1.8	8.1	1	80	268	26	2,907	0	-8.5	11.7	0	77	266	15	5,437	0	-25.0	12.6	0	73	264	17	8,951	1	-51.2		2	72	270	19
		11,510	1	-59.8		3	76	272	18	13,318	2	-57.6		4	82	270	17	15,880	4	-57.4		5	94	271	17	20,263	8	-58.0		9	96	275	19								

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
MAY 1984		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AUSTRALASIA																																									
SOUTH PACIFIC																																									
COCOS ISLAND AP	1	1,009		25.2	2.1					1,502	0	17.9	2.1	1	85	84	6	3,144	0	10.0	6.5	0	68	87	4	5,861	0	-5.6	9.6	1	67	56	3	9,682	1	-30.8		2	15	44	1
		12,418	1	-54.4		2	46	15	3	14,194	1	-69.8		2	37	27	3	16,520	1	-81.8		3	37	190	2	20,573	4	-64.3		6	88	82	6	23,749	21	-55.6					
JUNE 1984																																									
NORTH AMERICA																																									
MEXICO-NORTHERN																																									
ISLA GUADALUPE, B.C.	2	1,012		15.6	1.9					1,512	1	18.4	20.3	1	72	309	4	3,152	1	10.2	17.9	1	63	260	4	5,863	1	-7.4	16.6	1	72	255	6	9,629	1	-35.8	14.5	1	67	251	10
		12,331	1	-54.6		1	71	253	13	14,126	1	-64.8		1	77	252	12	16,559	1	-70.3		2	65	256	6	20,766	4	-59.6		4	95	87	8	24,016	8	-53.0		8	98	81	11
EMPALME	2	1,009		24.1	3.5					1,509	0	20.2	12.0	0	71	181	3	3,156	0	10.0	11.4	0	47	223	2	5,865	0	-7.3	13.0	0	55	251	4	9,649	0	-34.1	11.8	0	58	239	7
		12,363	0	-54.6						14,154	0	-66.1		0	68	244	10	16,573	2	-71.0		3	42	240	4	20,772	4	-59.8		4	97	95	10	24,022	4	-52.8		4	99	88	13
MAZATLAN CARRASCO	2	1,010		25.7	2.6					1,507	0	19.0	5.9	2	4	153	**	3,153	0	10.2	9.1	2	14	167	1	5,868	1	-6.6	8.6	2	13	95	1	9,673	0	-32.6	11.4	2	15	335	1
		12,398	1	-54.3		2	49	286	7	14,189	2	-66.6		4	39	261	6	16,580	4	-74.2		9	4	259	**	20,738	9	-61.1		10	97	86	12	23,974	9	-53.2		11	99	81	16
MONTERREY AEROP. INTL	2	961		22.1	1.3					1,516	0	17.9	4.4	1	89	143	8	3,162	0	11.1	13.5	0	39	164	1	5,877	0	-7.0	13.6	0	39	43	2	9,671	0	-33.2	13.5	0	40	360	4
		12,390	3	-54.4		3	25	341	4	14,184	4	-66.0		4	23	320	4	16,593	6	-72.2		6	55	63	5	20,779	6	-60.1		6	93	91	10	24,031	6	-51.8		6	98	86	14
CHIHUAHUA UNIV. OE	2	857		18.4	6.6					1,502	1	19.2	7.9	2	63	235	1	3,152	1	10.7	7.9	2	30	184	1	5,864	1	-7.4	7.1	2	26	288	1	9,651	1	-33.7	9.2	1	51	228	4
		12,359	4	-55.0		8	55	268	7	14,153	10	-65.2		10	73	260	9	16,582	11	-71.1		11	12	209	1	20,785	14	-59.4		15	97	95	9	24,041	16	-52.8		16	99	90	12
MEXICO-SOUTHERN																																									
MANZANILLO	2	1,011		26.2	2.6					1,515	0	18.2	3.7	1	66	129	3	3,155	0	8.8	3.9	1	63	114	3	5,867	1	-6.2	9.2	2	48	122	2	9,680	1	-31.6	12.4	1	30	310	3
		12,414	1	-54.4		1	48	292	5	14,197	1	-68.3		1	36	284	4	16,568	4	-74.8		4	38	82	3	20,713	4	-61.5		4	99	92	13	23,934	7	-54.4		7	99	92	21
MERIDA AEROP. INTL.	2	1,013		23.2	0.5					1,537	0	17.8	7.0	2	94	121	6	3,174	0	9.0	8.3	0	76	122	4	5,882	0	-6.9	9.2	0	24	121	1	9,684	0	-32.2	10.9	0	62	253	5
		12,416	1	-54.2		1	70	260	9	14,205	1	-67.1		1	59	266	7	16,601	1	-72.7		1	53	57	4	20,778	1	-60.9		1	99	84	14	24,018	2	-52.3		2	99	88	19
MEXICO CITY INT.AP, D.F.	2	782		13.4	4.7													3,157	0	8.8	2.7	0	60	196	2	5,866	0	-7.0	7.2	0	56	83	2	9,669	1	-32.5	10.4	2	58	283	5
		12,396	2	-54.8		3	61	289	8	14,172	3	-68.7		3	46	297	7	16,549	8	-74.9		9	62	69	5	20,707	13	-61.6		14	99	83	14	23,939	14	-52.6		14	100	90	21
GUATEMALA																																									
GUATEMALA/LA AURORA AP	2	853		16.1	0.9					1,521	1	16.0	1.0	1	96	12	3	3,154	1	8.1	3.9	1	78	101	4	5,863	1	-6.5	7.9	1	49	115	3	9,674	1	-31.7	11.3	3	16	55	1
		12,407	3	-54.3		4	31	268	2	14,193	6	-68.1		7	53	302	4	16,557	11	-75.5		11	77	68	5	20,693	11	-61.4		11	99	86	17	23,910	11	-54.4		11	100	91	29
ADJACENT ISLANDS																																									
ST GEORGE,BERMUDA	2	1,016		22.8	4.2					1,549	0	14.1	10.1	0	45	264	3	3,167	0	6.5	14.3	0	49	275	4	5,851	0	-8.9	16.0	0	53	283	5	9,616	1	-35.1	11.7	1	46	295	7
		12,314	2	-55.9		2	44	296	9	14,111	3	-62.0		3	45	312	7	16,598	5	-63.6		5	33	295	2	20,912	10	-55.8		12	98	101	8	24,189	20	-48.1					
JULIANA AP, ST. MAARTEN	2	1,015		27.8	4.7					1,547	7	16.0	3.8	7	94	110	7	3,181	8	8.7	10.8	8	88	118	5	5,886	7	-6.6	13.4	7	23	314	1	9,678	8	-33.7	11.5	9	71	279	6
		12,391	8	-55.6		8	73	296	9	14,171	8	-67.6		8	81	292	11	16,574	8	-72.8		9	76	291	5	20,738	9	-62.4		9	99	102	14	23,953	10	-54.3		10	99	99	21
SOUTH AMERICA																																									
ARGENTINA-NORTHERN																																									
SALTA AERO	2	878		4.5	1.3					1,489	0	4.6	1.5	1	16	98	3	3,090	0	9.6	21.1	0	92	302	8	5,786	0	-9.0	23.0	0	88	282	16	9,522	0	-37.4	19.4	1	89	288	22
		12,197	0	-57.7		2	93	287	37	13,962	1	-68.8		3	95	283	30	16,355	1	-72.4		3	100	280	31	20,604	5	-59.2		9	46	291	7	23,833	8	-54.6		13	35	287	6
MENDOZA AERO	2	935		2.5	2.2					1,484	15	2.6	3.5					3,051	15	0.5	12.0					5,661	15	-17.4	12.5					9,287	15	-44.0	12.3				
		11,916	15	-56.8						13,722	15	-60.5						16,214	15	-64.8						20,486	15	-61.2						23,692	17	-57.6					
CORDOBA AERO	2	961		5.3	3.4					1,484	0	5.7	8.2	0	7	300	4	3,060	0	1.9	13.1	0	78	289	9	5,688	0	-15.7	12.6	0	92	288	19	9,333	0	-42.4	11.3	0	92	287	31
		11,976	0	-56.9		2	92	285	32	13,778	0	-61.2		4	87	286	29	16,263	4	-63.6		10	90	263	26	20,540	12	-59.9		15	95	279	20	23,762	17	-56.2		20	88	274	16
RESISTENCIA AERO	2	1,010		11.3	0.9					1,494	0	10.8	6.8	3	30	338	3	3,100	0	5.5	16.1	2	76	308	10	5,779	0	-11.1	22.2	1	89	284	16	9,494	0	-38.4	17.6	2	92	273	34
		12,172	0	-56.4		3	95	273	48	13,962	0	-64.2		3	96	271	45	16,415	3	-67.7		6	96	266	26	20,671	12	-58.4		14	98	272	20								
ARGENTINA-SOUTHERN																																									
NEUQUEN AERO	2	986		0.1	1.6					1,470	0	1.0	8.9	0	59	273	6	3,008	0	-7.3	13.0	0	78	272	11	5,545	0	-23.4	13.7	0	75	280	18	9,088	0	-48.2	14.3	3	66	278	24
		11,689	0	-55.3		7	81	272	22	13,527	0	-54.9		7	91	272	24	16,094	0	-58.5		7	95	273	25	20,437	1	-59.0		11	98	266	25	23,647	7	-59.0		17	98	267	29
EZEIZA AERO	2	1,016		5.5	1.8					1,485	0	4.1	9.8	0	16	214	2	3,046	0	-1.8	10.5	0	66	276	8	5,642	0	-18.5	9.7	0	87	279	22	9,256	0	-43.9	11.7	0	91	279	37
		11,889	0	-56.6		0	93	277	39	13,701	0	-59.0		1	96	279	34	16,229	0	-61.7		1	96	272	28	20,531	3	-59.1		4	97	265	20	23,745	12	-56.7		12	97	270	19
COMANDANTE ESPORA B.N.	2	1,012		2.3	2.4					1,487	1	1.1	8.7	10	73	267	6	3,027	1	-6.6	12.4	10	80	279	10	5,576	1	-23.1	12.7	11	87	282	20	9,121	1	-48.7	13.5	17	72	282	22
		11,718	1	-56.8						13,543	1	-56.5						16,107	2	-59.2						20,469	17	-60.4													
COMODORO RIVADAVIA AERO	2	1,011		2.2	4.3					1,437	0	-2.4	9.8	2	63	218	5	2,953	0	-11.0	16.6	4	74	220	7	5,454	0	-28.0	17.1	3	57	225	8	8,929	0	-52.4	18.9	6	62	250	13
		11,499	0	-57.9		6	83	260	16	13,317	0	-56.5		5	89	261	16	15,880	0	-58.7		6	97	265	19	20,195	2	-62.4		7	97	261	22	23,344	8	-65.0		12	97	266	27
RIO GRANDE B.A.	2	1,008		-2.3	2.4					1,381	14	-3.7	7.5					2,893	14	-11.9	12.6					5,381	14	-29.2	14.5					8,843	14	-52.2	14.2				
		11,387	14	-61.2						13,178	14	-59.7						15,705	14	-62.1						19,961	18	-65.8													
EUROPE																																									
GREECE																																									
ATHENS/HELLINIKON	2	1,013		26.3	8.2					1,527	0	14.5	12.5	0	67	339	10	3,141	0	6.2	16.7	0	81	305	17	5,817	0	-11.0	19.1	0	82	284	27	9,573	1	-37.5	14.0	1	84	278	47
		12,258	2	-59.9		2	91	259	67	14,121	5	-55.4		5	94	260	72	16,666	5	-61.1		5	85	243	40	20,966	11	-57.7		9	71	135	15	24,236	13	-50.6		9	100	112	19

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
JUNE 1984		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
ASIA																																									
SYRIAN ARAB REPUBLIC																																									
DAMASCUS/NEW INTL AP	2	939		32.1	25.5					1,484	0	21.7	20.6	0	66	258	5	3,125	0	9.6	28.6	0	87	281	7	5,834	0	-6.3	30.2	1	86	254	10	9,638	0	-30.5	24.0	0	89	249	19
		12,415	1	-48.0		2	88	241	23	14,260	1	-59.9		2	85	240	21	16,706	4	-72.6		4	82	219	13	20,841	6	-60.6		6	90	108	8	24,093	6	-51.7		7	90	102	7
AUSTRALASIA																																									
NORTH PACIFIC																																									
PONAPE, CAROLINE ISLANDS	1	1,005		27.8	3.7					1,502	2	17.7	3.3	2	98	93	10	3,145	2	9.7	6.2	2	93	95	8	5,865	2	-5.2	7.7	2	62	89	3	9,695	2	-30.5	10.6	2	53	240	3
		12,440	2	-53.6		3	74	256	7	14,225	4	-68.6		4	85	275	10	16,580	4	-78.1		5	83	275	7	20,698	5	-65.1		5	99	92	18	23,880	7	-55.6		7	100	90	34
SOUTH PACIFIC																																									
NANDI, FIJI IS.	1													0	75	70	10					0	44	34	5					0	54	317	10					2	83	292	23
						3	82	282	25					4	82	282	24					4	79	267	14																
CAMPBELL ISLAND	1													1	89	274	42					1	91	264	39					2	94	266	51					4	92	265	59
						5	96	267	59					5	97	266	53					5	98	266	48																
JULY 1984																																									
NORTH AMERICA																																									
MEXICO-NORTHERN																																									
MAZATLAN CARRASCO	2	1,009		25.3	1.9					1,504	0	18.8	4.5	3	71	128	3	3,148	0	9.1	2.1	1	69	134	4	5,862	0	-6.3	3.0	0	58	121	3	9,678	2	-31.5	8.8	2	17	118	1
		12,411	4	-54.4		5	29	326	2	14,192	5	-68.2		5	55	4	5	16,576	7	-72.8		10	96	70	10	20,764	16	-61.9		19	99	81	18	23,983	19	-54.9		20	100	81	21
MONTERREY AEROP. INTL	2	963		22.0	1.8					1,529	0	18.1	4.3	0	99	136	7	3,172	0	9.8	9.6	0	81	131	4	5,882	0	-6.9	11.4	0	77	88	4	9,675	5	-33.2	10.6	5	42	6	3
		12,391	8	-55.1		9	52	360	6	14,177	12	-66.6		12	73	29	8	16,589	14	-69.7		14	93	61	9	20,818	15	-60.0		15	99	84	16	24,058	15	-52.5		15	99	84	21
MEXICO-SOUTHERN																																									
MANZANILLO	2	1,010		25.3	2.4					1,508	0	17.7	3.6	0	57	140	3	3,145	0	8.2	3.6	0	73	129	5	5,855	0	-6.4	3.9	0	72	146	4	9,663	1	-32.6	9.5	2	48	113	2
		12,382	1	-55.8		2	22	18	2	14,150	1	-70.7		2	60	2	5	16,516	4	-73.3		4	99	81	11	20,685	8	-61.7		9	99	90	18	23,902	9	-54.1		10	100	91	24
MERIDA AEROP. INTL.	2	1,013		22.7	0.6					1,536	1	17.3	5.5	1	95	119	8	3,171	1	8.2	8.1	2	90	115	5	5,872	1	-7.3	7.4	2	67	78	3	9,667	2	-32.9	11.0	3	52	271	4
		12,388	3	-55.4		3	64	284	8	14,167	3	-68.0		3	67	294	7	16,570	3	-70.9		3	94	73	7	20,777	3	-60.6		3	99	83	19	24,015	4	-53.1		4	100	92	23
MEXICO CITY INT.AP. D.F.	2	782		13.2	3.8													3,157	0	7.8	1.5	0	23	135	1	5,863	0	-6.8	6.2	0	44	99	1	9,665	0	-32.7	10.9	0	55	338	3
		12,384	1	-55.9		2	79	315	7	14,152	2	-70.1		2	70	325	7	16,529	5	-72.8		5	95	77	8	20,704	10	-62.0		10	99	87	19	23,924	10	-53.9		10	100	88	24
ADJACENT ISLANDS																																									
ST GEORGE,BERMUDA	2	1,020		25.2	3.4					1,597	0	15.0	6.4	0	38	234	2	3,218	0	6.7	13.2	0	27	262	2	5,901	0	-8.9	16.0	0	25	164	1	9,665	0	-35.0	12.7	1	36	105	3
		12,370	0	-55.1		0	56	90	7	14,168	1	-62.4		2	74	81	7	16,640	5	-63.7		6	81	99	4	20,958	10	-56.0		13	97	106	14	24,264	19	-49.4					
GUANTANAMO ORIENTE	2	1,012		25.9	5.0					1,552	13	17.5	5.0	13	95	105	7	3,188	13	8.2	13.0	13	91	114	7	5,886	13	-7.8	14.3	13	49	114	2	9,665	14	-34.1	10.8	15	70	326	5
		12,365	15	-56.7		15	66	312	7	14,137	17	-67.6		17	63	299	6	16,548	17	-71.0		17	91	82	5	20,733	19	-61.5		20	97	97	19	23,965	21	-54.1					
JULIANA AP. ST. MAARTEN	2	1,015		27.2	5.9					1,548	7	15.8	3.7	8	97	107	10	3,181	7	8.4	12.6	8	82	111	8	5,880	9	-7.5	14.8	10	63	111	4	9,659	9	-34.4	9.6	10	79	252	6
		12,367	12	-56.0		14	84	262	11	14,143	14	-67.5		17	85	267	9	16,555	17	-71.8		18	86	104	4	20,747	19	-61.4		20	99	105	18	23,970	22	-55.8					
GRANTLEY ADAMS AP,BARBADOS	2	1,010		26.6	4.1					1,541	2	16.1	3.6	2	94	90	10	3,175	2	8.6	14.3	2	92	97	10	5,880	2	-6.4	16.5	2	89	92	7	9,679	2	-33.3	12.2	2	18	117	1
		12,393	2	-55.9		2	10	331	1	14,165	2	-69.1		2	20	311	1	16,540	2	-74.5		2	78	70	5	20,698	3	-62.9		3	100	91	23	23,907	3	-54.5		3	100	90	31
SOUTH AMERICA																																									
COLOMBIA																																									
BOGOTA/EL DORADO	2	753		9.4	1.9													3,151	6	7.1	2.3	9	90	121	4	5,852	6	-7.1	5.3	9	95	107	8	9,650	6	-33.0	12.9	9	89	90	9
		12,367	8	-55.7		11	88	46	8	14,143	8	-68.8		11	52	40	5	16,511	8	-75.5		11	58	44	3	20,646	10	-63.7		12	100	88	24	23,832	13	-56.1		13	100	90	34
PERU																																									
LIMA-CALLAO/INTL AP/	1	1,012		17.3	3.3					1,492	3	18.3	20.6	3	22	298	1	3,134	3	10.5	19.1	3	36	145	2	5,851	3	-6.9	10.0	3	61	38	4	9,636	3	-34.3	14.1	3	74	271	8
		12,341	3	-56.1		4	83	278	13	14,114	6	-68.7		6	91	265	13	16,490	8	-75.9		10	87	277	8	20,613	17	-64.3		19	96	81	8	23,790	20	-56.2					
CHILE																																									
PUERTO MONTT /EL TEPUAL	2	1,004		4.1	1.9					1,429	0	0.4	7.6	2	62	289	5	2,962	0	-8.5	8.4	1	79	271	10	5,493	1	-24.3	11.5	2	84	253	19	9,013	1	-49.7		2	81	251	28
		11,628	1	-53.6		3	92	250	29	13,477	1	-54.0		4	95	251	25	16,065	1	-56.3		4	97	250	23	20,448	3	-57.2		7	98	243	17	23,668	4	-58.6		7	95	241	19
PUNTA ARENAS/CARLOS IBANEZ	2	1,006		-1.0	1.6					1,384	0	-4.9	6.3	1	39	266	4	2,888	0	-13.1	8.3	1	58	257	5	5,366	0	-30.6	8.5	1	46	259	5	8,805	0	-54.6		1	44	252	8
		11,362	0	-58.0		1	71	261	12	13,190	1	-56.7		3	94	258	17	15,747	2	-58.7		5	96	254	26	20,074	6	-62.7		10	97	253	37	23,223	14	-65.9		19	96	254	46
EUROPE																																									
ICELAND																																									
KEFLAVIK	2	1,007		10.9	2.0					1,436	0	4.7	3.7	0	49	189	4	3,001	0	-2.4	8.1	0	42	209	4	5,598	0	-17.9	11.4	0	46	233	5	9,226	0	-43.4	6.0	0	58	247	12
		11,906	0	-47.1		1	78	247	11	13,816	0	-46.9		1	79	251	7	16,497	1	-47.3		2	69	229	3	21,102	3	-45.1		3	86	120	3	24,528	4	-42.9		4	98	102	6
GERMAN DEMOCRATIC REP																																									
GREIFSWALD	1	1,014		13.5	1.8					1,482	0	7.3	4.5	0	69	283	6	3,056	0	-1.3	6.7	0	69	292	7	5,658	0	-17.7	6.5	0	67	297	9	9,284	0	-43.2	5.6	0	62	305	14
		11,952	1	-48.5	7.4	0	72	302	13	13,839	2	-48.7	9.2	0	73	297	9	16,493	2	-50.5	10.1	0	62	288	4	21,012	2	-49.9		0	73	98	3	24,368	2	-47.5		0	93	91	7
LINDENBERG	1	1,003		14.2	3.0					1,496	0	7.3	4.5	0	74	285	6	3,070	0	-1.2	7.6	0	79	291	8	5,673	0	-17.6	7.8	0	76	297	11	9,300	0	-43.3	5.6	0	65	305	15
		11,972	1	-49.4	7.3	0	75	302	15	13,856	1	-50.0	8.7	0	80	294	11	16,493	2	-52.2	10.1	0	70	280	5	20,985	5	-51.2		0	70	101	3	24,331	7	-47.9		0	89	97	7
MEININGEN	1	966		12.3	3.0					1,517	0	8.2	4.1	0	68	280	6	3,098	0	0.0	7.5	0	76	285	9	5,709	1	-16.6	6.8	0	72	291	11	9,340	2	-43.0	5.7	0	71	295	16
		12,005	2	-50.3	6.8	0	74	293	16	13,881	2	-51.3	7.8	0	78	291	12	16,496	5	-53.7	8.5	1	75	284	6	20,952	10	-51.9		2	72	101	4	24,284	11	-48.2		2	94	92	8

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
JULY 1984		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
EUROPE																																									
POLAND																																									
LEBA	3	1,012		15.7	3.0					1,468	4	7.7	3.8	4	74	290	7	3,045	4	-1.2	5.5	4	72	295	7	5,651	4	-17.5	7.8	4	65	295	8	9,283	4	-43.9		4	59	305	13
		1,961	5	-47.5		5	73	305	12	3,859	7	-48.4		7	73	295	8	6,522	7	-50.5		7	64	275	4	21,037	9	-49.7		9	88	100	4	24,393	12	-47.4		12	95	95	8
POZNAN-LAWICA	3	1,006		16.1	5.1					1,502	6	10.0	4.4	6	79	285	6	3,076	6	-1.5	7.8	6	80	290	8	5,681	7	-17.2	9.0	7	76	300	10	9,312	8	-43.9		8	69	310	15
		1,982	11	-48.2		11	81	310	15	3,877	14	-48.8		14	81	300	10	6,532	15	-51.6		15	75	290	5	21,039	18	-50.4		18	59	115	3	24,381	22	-47.3		22	94	95	8
LEGIONOWO	3	1,003		16.1	4.7					1,489	1	7.2	3.4	1	75	275	6	3,062	1	-1.5	5.7	1	72	285	7	5,664	1	-17.7	7.4	1	65	285	9	9,276	1	-44.7		1	54	290	11
		1,953	1	-47.3		1	67	285	12	3,852	1	-48.5		1	71	270	9	6,501	2	-51.1		2	72	255	5	20,997	5	-50.8		5	82	110	4	24,338	7	-48.5		8	97	95	8
WROCLAW I-MALY GADOW	1	1,003		13.4	1.8					1,502	0	7.2	3.1	0	78	290	8	3,077	0	-0.8	7.8	0	79	295	9	5,687	0	-16.7	7.7	0	80	300	13	9,318	1	-43.2		2	76	295	16
		1,896	2	-49.5		21	78	290	17	3,905	8	-49.6																													
ITALY																																									
UDINE/CAMPOFORMIDO	3	1,006		22.2	6.3					1,528	0	13.3	9.3	0	36	287	3	3,129	0	3.0	11.6	0	2	298	12	5,768	0	-13.9	16.0	0	78	298	23	9,445	0	-41.5		0	79	297	40
		2,118	0	-51.0		0	85	293	42	3,978	0	-54.0		0	84	286	38	6,560	0	-57.0		0	82	283	22	20,972	0	-53.2		0	46	113	6	24,298	0	-48.9		2	90	98	17
MILANO/LINATE	3	1,005		24.5	12.6					1,542	0	14.5	12.7	0	49	303	4	3,151	0	4.8	17.7	0	72	289	12	5,800	0	-13.2	21.5	0	79	288	24	9,480	0	-41.0		0	83	286	40
		2,154	0	-52.3		0	87	282	44	4,004	0	-55.2		0	84	279	36	6,571	0	-58.5		0	82	272	24	20,961	0	-53.8		0	19	271	3	24,278	4	-44.1		4	92	91	7
ROMA/FIUMICINO	3	1,017		24.5	6.4					1,546	0	17.0	18.0	0	64	287	6	3,166	0	6.8	21.6	0	77	306	15	5,837	0	-11.1	24.9	0	86	298	23	9,551	0	-38.9		0	84	294	36
		2,240	0	-51.1		0	91	280	52	4,096	0	-57.1		0	89	277	40	6,620	0	-62.8		1	84	266	24	20,971	0	-55.3		2	76	97	11	24,265	0	-50.2		4	91	96	19
BRINDISI	3	1,015		24.0	6.9					1,536	5	16.7	20.5	5	74	326	10	3,155	5	6.3	25.7	5	72	317	16	5,824	5	-10.9	27.6	5	86	298	26	9,538	5	-38.6		5	92	286	46
		2,247	6	-49.9		7	96	268	53	4,100	6	-57.0		7	96	260	46	6,624	6	-63.3		7	95	256	27	20,935	7	-56.9		8	67	99	9	24,209	7	-51.2		8	95	84	24
CAGLIARI/ELMAS	3	1,018		25.5	8.2					1,557	0	18.1	28.5	0	45	309	7	3,190	0	9.7	29.8	0	71	314	14	5,881	0	-9.9	27.1	0	86	308	25	9,618	0	-36.1		0	85	307	42
		2,335	0	-52.2		0	91	280	45	4,164	0	-59.8		1	90	276	41	6,664	0	-65.2		1	85	264	24	20,954	2	-56.0		7	68	97	16	24,242	9	-50.7		12	82	97	25
TRAPANI/BIRGI	3	1,017		24.6	5.6					1,568	0	18.8	26.8	0	61	330	8	3,198	0	9.4	28.3	0	74	322	17	5,889	0	-9.5	28.1	0	82	315	22	9,638	0	-35.0		0	87	307	40
		2,369	0	-50.5		0	92	281	41	4,201	0	-59.9		0	92	273	43	6,685	0	-67.1		1	90	266	28	20,949	2	-58.2		5	65	111	11	24,217	7	-51.4		9	79	98	20
YUGOSLAVIA																																									
ZAGREB/MAKSIMIR	1	1,003		15.1	1.9					1,538	0	11.9	6.3	0	57	310	4	3,135	0	1.7	7.6	0	73	316	8	5,768	0	-14.6	11.2	0	78	296	13	9,438	0	-41.2		0	80	296	20
		2,123	0	-49.6		0	87	290	24	3,994	0	-52.9		0	88	279	21	6,588	0	-56.1		0	88	274	11	20,999	1	-53.8		3	76	103	4	24,314	7	-49.6		9	99	90	11
BEOGRAD/ZELENO BRDO	3	990		19.8	7.8					1,534	0	11.1	6.9	0	82	328	4	3,129	0	1.9	10.6	0	72	314	7	5,764	0	-14.3	15.9	0	75	306	11	9,436	0	-40.9		0	75	303	17
		2,141	0	-47.4		0	85	293	21	4,026	0	-51.5		0	89	286	19	6,628	0	-55.7		0	91	274	12	21,052	1	-53.2		1	45	174	2	24,376	7	-49.2		7	76	106	7
ROMANIA																																									
CLUJ	1	968		13.8	2.0					1,506	0	10.3	4.3	0	70	320	5	3,090	0	0.3	4.4	0	80	305	7	5,707	0	-15.5	7.6	0	80	295	11	9,357	0	-41.6	7.0	7	0	290	13
		2,048	0	-47.7	6.6	0	80	280	15	3,944	0	-49.0	7.0	0	80	275	15	6,569	0	-52.2	7.8	0	80	275	15																
BUCURESTI/IMH	1	1,004		15.9	1.8					1,510	0	11.8	5.9	0	40	310	2	3,102	0	1.0	5.7	0	60	285	5	5,729	0	-14.7	10.7	0	75	280	9	9,402	0	-40.1	8.6	0	70	270	14
		2,119	0	-46.3	9.1	0	80	260	18	4,013	0	-50.5	9.1	0	75	250	18	6,636	0	-51.1	9.0	0	95	250	19																
CONSTANTA	1	1,013		18.8	2.8					1,505	0	11.7	5.3	0	60	340	4	3,099	0	-2.1	2.3	0	70	320	5	5,733	0	-14.0	9.0	0	50	280	5	9,410	0	-39.6	7.8	0	60	290	8
		2,136	0	-45.5	8.1	0	60	275	10	4,032	0	-50.6	8.1	0	60	255	11	6,661	0	-56.4	7.9	0	80	255	13	21,038	15	-57.2		15	80	240	15								
AFRICA																																									
ZIMBABWE																																									
BULAWAYO/GOETZ OBS	1	872		10.6	5.1					1,556	0	11.9	8.4	1	88	122	8	3,158	0	2.8	11.6	0	46	37	3	5,820	0	-9.8	32.7	0	46	248	6	9,560	0	-36.4	24.8	0	81	275	20
		2,261	0	-55.1	21.9	1	94	279	26	4,049	1	-66.0		1	95	286	21	6,452	1	-74.2		1	86	288	10	20,584	1	-63.9		1	55	45	3	23,778	1	-56.2		1	70	106	4
SALISBURY/BELVEDERE	1	859		12.3	6.0					1,556	0	12.5	6.1	0	63	68	3	3,164	0	3.1	6.4	0	50	90	3	5,844	0	-7.5	31.9	0	38	240	4	9,623	0	-34.0	25.9	0	79	277	16
		2,340	2	-54.8	18.3	2	93	284	20	4,129	2	-66.1		5	94	293	17	6,525	0	-75.4		7	73	322	6	20,643	3	-63.7		12	56	68	3	23,824	8	-56.9		17	94	86	8
OCEAN ISLANDS																																									
DIEGO GARCIA/MAURITIUS	2	1,009		26.4	4.0					1,490	8	16.0	4.6	8	63	139	4	3,124	8	9.5	13.6	8	39	275	3	5,838	8	-5.8	16.1	8	54	127	3	9,645	9	-32.3	10.7	11	80	108	8
		2,369	10	-54.9		13	95	72	16	4,153	12	-67.4		17	95	79	19	6,521	18	-75.6		20	23	109	3	20,638	24	-63.9													
SOUTH AFRICA																																									
J. G. STRIJDOM		835		7.6	11.9					1,562				9	76	269	1	3,169	0	5.5	24.5	0	30	53	1	5,836	0	-10.6	32.4	0	63	239	7	9,559	0	-37.8	25.2	0	87	268	19
		2,245	0	-55.1		0	94	277	27	4,043	0	-63.9		0	97	281	23	6,485	0	-69.9		0	95	278	16	20,680	9	-61.2		9	56	66	3								
UPINGTON	1	926		7.8	7.1					1,557	0	11.9	18.9	0	61	358	4	3,155	0	2.7	25.5	0	54	280	5	5,795	0	-13.8	30.9	0	67	258	10	9,468	0	-40.7	21.4	0	74	250	19
		2,127	0	-55.8		0	88	261	25	3,932	0	-61.5		0	95	270	24	6,411	0	-66.3		8	95	272	19	20,663	2	-60.6		6	64	283	7								
PRETORIA/IRENE	1	855		6.3	5.2					1,568	2	6.5	5.5	0	76	165	1	3,156	0	1.4	16.2	0	27	254	2	5,791	0	-14.3	22.1	0	62	268		9,471	0	-38.7	20.8	0	81	270	20
		2,159	0	-53.7		0	89	278	25	3,972	0	-61.7		1	95	286	23	6,438	3	-68.6		3	94	286	13																
ALEXANDER BAY	1	1,019		11.3	3.2					1,544	2	12.4	24.0	2	44	348	3	3,147	2	4.6	38.4	2	55	279	5	5,798	2	-12.9	35.5	2	70	258	13	9,479	2	-40.5	24.8	2	73	260	19
		2,132	2	-56.6		2	83	260	24	3,932	3	-62.2		3	94	267	28	6,410	3	-56.4		6	97	269	22	20,659	10	-60.0		9	56	287	7								
CAPE TOWN/D.B.MALAN	1	1,017		10.4	2.4					1,537	0	7.1	11.5	0	55	311	6	3,113	0	0.3	22.1	0	74	286	11	5,726	0	-16.4	23.2	0	87	278	19	9,360	0	-43.2	17.9	0	86	266	30
		1,995	0	-51.1		0	87	266	37	3,799	1	-60.5		2	92	268	31	6,303	2	-63.4		2	95	271	24																
PORT ELIZABETH	1	1,015		11.7	2.7					1,549	0	8.7	16.8	0	67	286	6	3,126	0	-0.2	26.2	0	73	280	7	5,737	0	-16.9	24.1	0	71	268	24	9,360	0	-43.7	19.1	0	74	260	18
		1,989	3	-57.8		5	79	250	20	3,808	7	-60.3		9	85	265	16																								
DURBAN/LOUIS BOTHA	1	1,020		14.9	2.6					1,557	2	11.2	14.7	2	16	337	1	3,151	2	2.1	23.1	2	44	279	4	5,780	2	-14.9	27.0	2	66	274	9	9,433	2	-42.2	27.1	2	70	263	18
		2,089	2	-54.8		2	86	272	27	3,903	2	-60.2		2	94	278	30	6,396	3	-65.9		3	97	280	22																
GOUGH ISLAND	1	1,008		8.7	2.7					1,440	0	1.5	9.3	0	73	282	14	2,982	11	-6.2	20.6	0	81	281	15	5,539	0	-21.5	20.1	0	80	280	21	9,019	0	-46.5	18.1	0	82	281	27
		1,729	0	-55.8		0	90	283	31	3,558	0	-56.4		0	97	283	33	6,121	0	-58.2		3	97	279	29	20,468	10	-59.1		9	98	278	24								
MARION ISLAND	1	1,005		4.5	2.0					1,381	1	-0.8	11.0	1	80	279	14	2,909	1	-8.4	20.3	1	86	276	17	5,434	1	-25.3	17.8	1	83	275	22	8,947	1	-50.4	20.0	1	82	272	29
		1,530	2	-58.1		2	89	272	32	3,353	2	-58.2		3	80	277	33	5,893	6	-60.2		6	95	273	33																

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
JULY 1984		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
ASIA																																									
SYRIAN ARAB REPUBLIC																																									
DAMASCUS/NEW INTL AP	2	937		33.7	26.5					1,466	1	24.5	20.5	1	88	248	5	3,119	1	10.6	21.9	1	63	253	4	5,839	1	-3.8	40.7	1	82	250	8	9,701	1	-27.0	33.6	1	90	239	12
		12,502	1	-47.5		1	83	227	10	14,345	1	-60.9		1	77	211	9	16,779	1	-74.3		1	81	163	13	20,917	6	-60.4		7	89	109	13	24,167	8	-51.8		8	90	95	15
AUSTRALASIA																																									
NEW ZEALAND																																									
AUCKLAND AERODROME	1	1,016		13.0	2.2					1,483	0	4.1	4.4	1	44	301	10	3,038	0	-4.5	7.7	3	54	286	14	5,610	0	-21.0	11.3	3	65	277	27	9,195	0	-45.2	11.6	3	80	276	60
		11,841	1	-53.5	11.8	7	86	276	63	13,684	0	-55.3	12.0	9	88	274	51	16,253	1	-57.6						20,668	3	-53.6						23,978	7	-50.2					
CHRISTCHURCH AERODROME	1	1,011		8.3	2.9					1,441	0	1.8	5.4	2	25	263	4	2,984	0	-6.2	8.6	0	82	460	85									9,059	0	-50.5	9.2	2	65	280	26
		11,660	0	-53.4	11.0	1	85	275	38	13,532	0	-52.7	13.0	1	89	278	38	16,121	1	-53.8		3	86	279	30	20,581	3	-52.1						23,908	7	-49.8					
INVERCARGILL AERODROME	1	1,014		6.5	2.1					1,436	0	0.6	5.4	1	36	274	7									5,506	0	-25.0	7.4	0	52	271	15	9,019	0	-51.5		0	57	270	5
		11,601	0	-55.4		0	79	268	32	13,448	0	-53.3		0	82	272	34	16,058	0	-53.4		1	89	271	36	20,503	2	-52.6		1	90	278	35	23,812	6	-52.4		2	92	279	41
NORTH PACIFIC																																									
YAP, CAROLINE ISLANDS	1	1,008		29.2	4.2					1,505	0	18.3	3.0	1	73	100	3	3,149	0	10.2	7.2	1	86	100	5	5,871	0	-5.4	10.2	0	92	94	6	9,698	0	-30.9	13.3	0	76	73	4
		12,439	0	-53.8		0	65	72	6	14,225	0	-68.6		0	72	77	9	16,575	0	-77.4		0	97	81	10	20,709	1	-63.5		1	100	87	23	23,904	2	-55.1		2	100	90	35
TRUK, CAROLINE ISLANDS	1	1,010		29.3	5.0					1,510	0	17.6	3.1	3	90	82	5	3,150	0	9.7	6.9	1	94	80	6	5,869	0	-5.7	11.3	0	89	72	5	9,694	0	-31.1	14.6	0	41	86	3
		12,432	0	-53.9		0	37	52	4	14,218	0	-68.4		0	41	36	5	16,568	0	-78.0		0	69	48	5	20,700	1	-64.2		1	96	74	22	23,893	1	-54.7		1	97	76	35
MAJURO, MARSHALL ISLANDS	1	1,011		28.2	4.1					1,514	0	17.8	3.7	1	97	91	7	3,156	0	9.8	7.2	0	94	88	7	5,875	0	-5.7	10.8	2	80	95	5	9,694	0	-31.5	10.2	1	29	188	2
		12,430	0	-54.2		0	48	225	5	14,212	0	-68.6		0	73	249	8	16,573	0	-75.4		1	19	278	1	20,714	0	-62.8		0	100	90	24	23,923	2	-54.8		2	100	92	35
PONAPE, CAROLINE ISLANDS	1	1,005		29.0	4.8					1,498	0	17.7	2.8	0	94	97	6	3,139	0	9.7	7.6	0	97	97	6	5,858	0	-5.4	10.3	0	92	87	6	9,681	0	-31.2	12.8	1	37	87	2
		12,418	0	-54.3		1	47	39	5	14,201	0	-68.7		0	45	35	6	16,552	0	-77.2		0	44	62	3	20,684	1	-64.3		1	100	89	24	23,880	2	-55.1		2	100	91	36
TARAWA, GILBERT ISLANDS	1	1,008		29.5	4.1					1,486	0	17.9	8.4	3	96	87	16	3,124	0	9.9	7.3	2	98	93	16	5,841	0	-0.6	12.9	2	93	87	15	9,653	0	-32.1	12.7	3	49	132	8
		12,376	0	-54.8	10.4	6	47	191	10	14,153	0	-69.4	4.4	7	63	223	13	16,500	1	-77.0		9	11	120	2	20,618	4	-64.7						23,815	5	-55.2					
SOUTH PACIFIC																																									
FUNAFUTI, ELLICE IS.	1	1,010		28.9	3.9					1,510	0	17.0	40.0	19	0	96	15	3,149	0	9.8	9.3	0	91	92	14	5,864	0	-6.2	10.4	1	68	90	12	9,673	1	-32.5	14.0	2	33	156	6
		11,825				2	51	209	10	14,168	2	-70.5		3	46	214	8	16,508	6	-78.2		5	37	231	4	20,635	9	-63.5		7	99	89	30	23,840	9	-54.0		7	99	89	51
NANDI, FIJI IS.	1	1,012		28.3	6.8					1,531	0	16.9	4.1					3,169	0	9.9	9.1					5,881	0	-6.7	8.6					9,682	1	-32.9	8.1				
		12,398	1	-53.8	8.9					14,167	1	-71.0						16,494	2	-80.3						20,599	2	-61.4						23,820	2	-54.1					
RAROTONGA, COOK IS.	1	1,015		23.9	6.3					1,524	0	11.9	5.6	0	8	72	1	3,140	0	7.5	19.5	0	56	274	9	5,831	0	-9.1	15.0	0	69	273	22	9,589	3	-36.3	13.4	3	79	263	42
		12,278	3	-56.6		6	88	267	53	14,058	4	-67.0						16,464	4	-72.4						20,682	6	-60.2						23,928	9	-52.5					
CHATHAM ISLAND	1	1,008		10.1	1.5					1,439	0	0.9	3.9					2,980	0	-6.9	9.9					5,526	0	-23.6	10.8					9,057	0	-49.7					
		11,666	0	-53.8						13,527	0	-52.5						16,143	0	-53.5						20,612	1	-52.3						23,925	4	-50.6					
CAMPBELL ISLAND	1	1,007		5.7	3.2					1,381	0	-3.1	3.3	0	65	271	22	2,900	0	-10.6	0.8	0	71	266	21	5,411	1	-27.2	2.8	1	76	264	31	8,904	2	-52.7		2	72	265	34
		11,466	3	-55.5		3	90	273	39	13,303	4	-55.5		4	94	277	44	15,904	5	-55.4		5	96	279	49	20,351	9	-55.5						23,600	9	-55.5					
OCEAN SHIPS																																									
SHIP L	1	1,018		13.0	2.2					1,496	3	7.9	10.3	4	62	236	6	3,079	3	0.6	14.0	4	67	241	6	5,696	3	-16.1	15.5	4	63	252	8	9,347	3	-42.9		4	50	258	9
		11,993	3	-53.0		4	48	265	8	13,846	4	-52.4		4	58	268	6	16,465	4	-52.5		4	53	258	3	20,967	4	-49.8		4	82	97	3	24,326	5	-47.1		4	95	92	6

UPPER AIR DATA CORRECTIONS

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
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
DECEMBER 1983																																									
EUROPE																																									
NORWAY																																									
ORLAND																								265	10																
GERMAN DEMOCRATIC REP																																									
LINDENBERG					5.6	0	63																																		
JANUARY 1984																																									
EUROPE																																									
NORWAY																																									
JAN MAYEN																							89																		
FEBRUARY 1984																																									
EUROPE																																									
NORWAY																																									
STAVANGER/SOLA																		2,951					34																		
MARCH 1984																																									
EUROPE																																									
NORWAY																																									
BJORNOYA																							56																		

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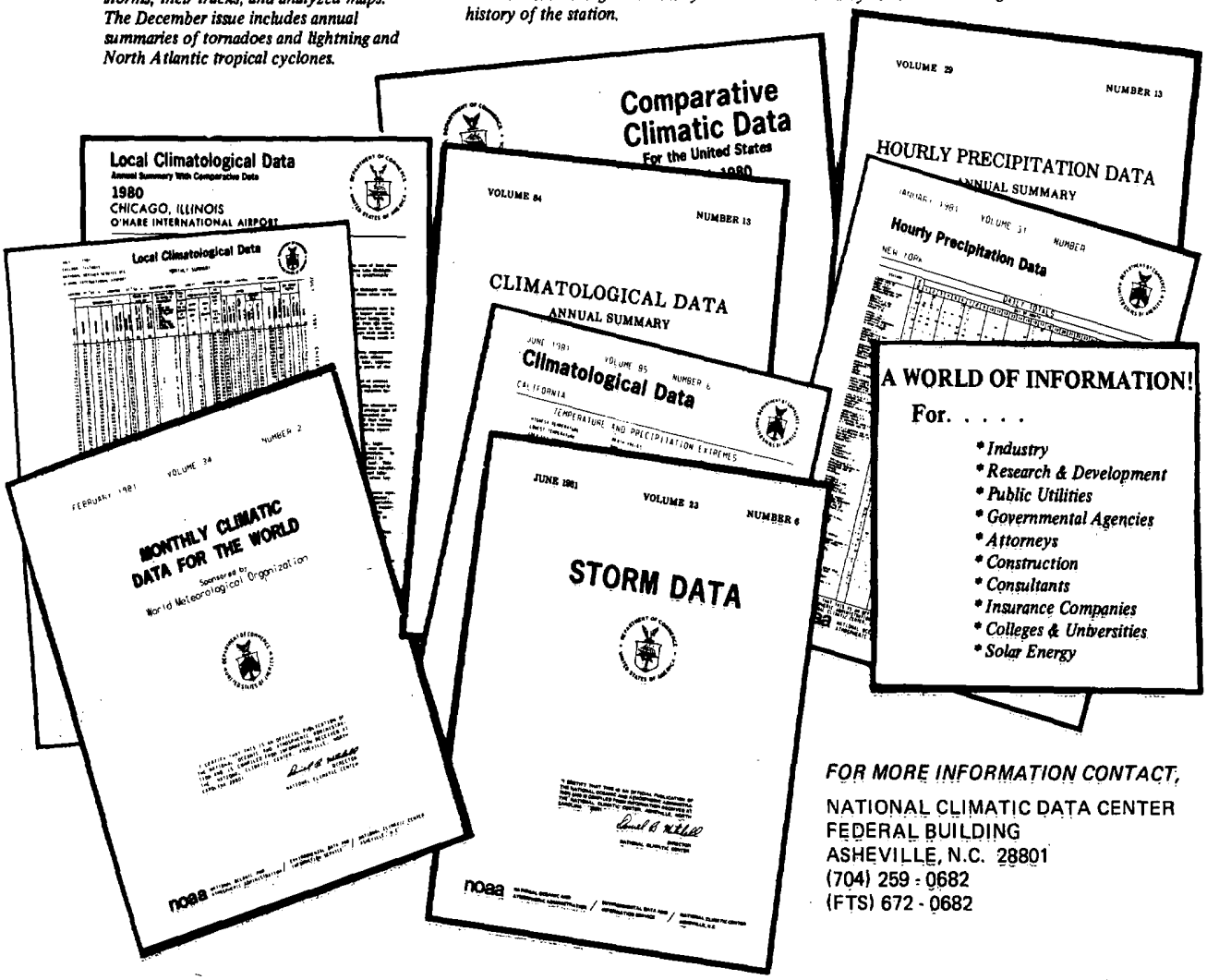

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COVER: The cover maps are long term means analyzed on a miller cylindrical projection of the world. They were prepared by U. S. National Climatic Data Center personnel from a variety of sources, including data from Monthly Climatic Data for the World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

National Climatic Data Center
July 1984

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