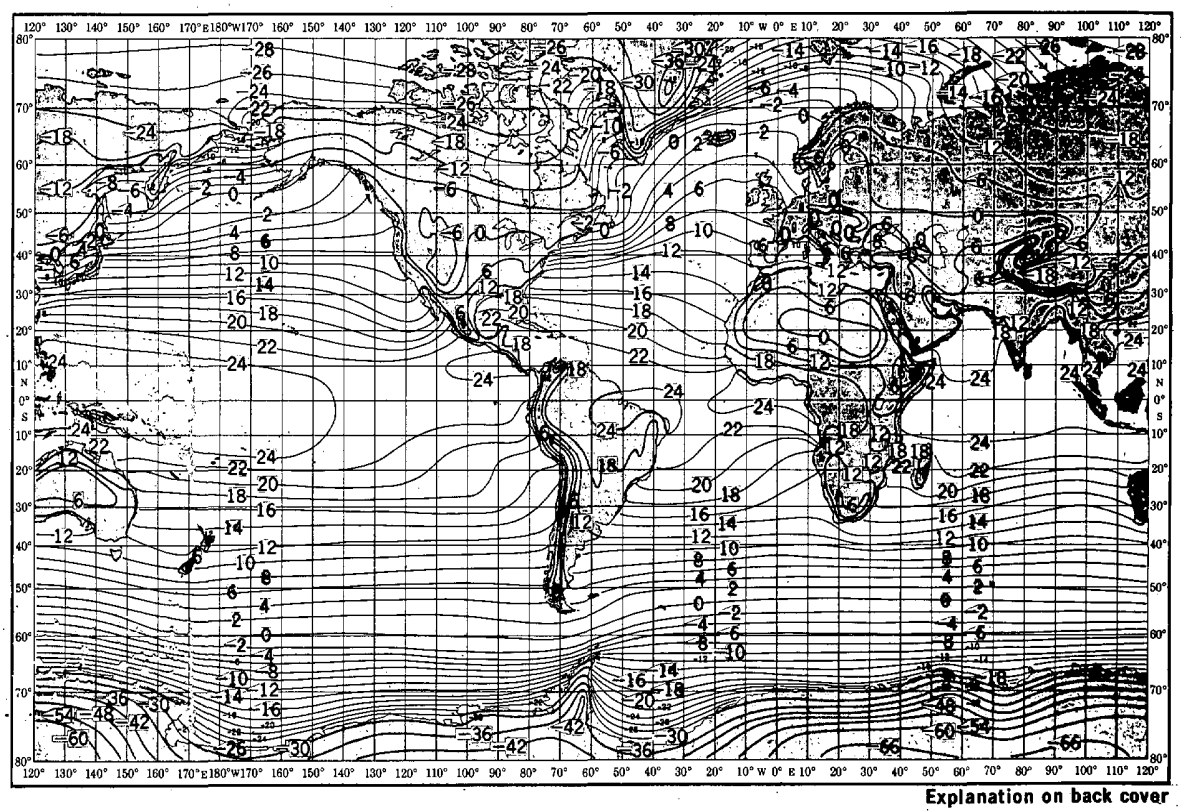
APRIL 1985 VOLUME 38 NUMBER 4

MONTHLY CLIMATIC DATA FOR THE WORLD

PREPARED IN COOPERATION WITH THE WORLD METEOROLOGICAL ORGANIZATION

APRIL

DEW-POINT TEMPERATURE (°C) - MEANS



Explanation on back cover

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PREFACE

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

REFERENCE NOTES

SURFACE DATA TABLE

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

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

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

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

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

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

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

UPPER AIR DATA TABLE

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

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

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

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

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

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

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

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SURFACE DATA

APRIL 1985

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
NORTH AMERICA															
ALASKA															
BARROW	71 18 N	156 47 W	4	30	1021.3	1021.9	-21.4	- 2.7				1	- 4		
BARTER ISLAND	70 08 N	143 38 W	15	30	1018.1	1020.2	-23.1	- 4.8				2	- 4		
KOTZEBUE	66 52 N	162 38 W	5	30	1014.2	1014.9	-20.8	- 9.9				12	+ 4		
NOME	64 30 N	165 26 W	7	30	1013.0	1013.8	-17.1	- 9.3				2	- 14		154
FAIRBANKS	64 49 N	147 52 W	138	30	991.5	1009.1	- 6.2	- 5.2				9	+ 2		
MCGRATH	62 58 N	155 37 W	103	30	997.5	1010.9	-11.7	- 8.8				6	- 14		
BETHEL	60 47 N	161 48 W	46	30	1011.3	1012.3	-13.2	- 8.4				1	- 18		
ANCHORAGE	61 10 N	150 01 W	40	30	1000.7	1005.7	- 2.0	- 3.9				13	- 4		113
ST. PAUL	57 09 N	170 13 W	9	30	1013.0	1014.0	- 6.6	- 4.2				31	+ 1		
COLD BAY	55 12 N	162 43 W	31	30	1006.4	1010.5	- 2.9	- 3.5				26	- 24		
KING SALMON	58 41 N	156 39 W	15	30	1005.4	1007.5	- 6.2	- 5.7				9	- 18		
YAKUTAT	59 31 N	139 40 W	9	30	1006.4	1007.5	1.1	- 1.1				245	+ 26		
ANNETTE ISLAND	55 02 N	131 34 W	34	30	1009.5	1013.8	4.9	- 1.2				192	- 33		
CANADA-WESTERN															
MOULD BAY	76 14 N	119 20 W	12	30	1022.1	1023.8	-28.6	- 5.0	0.5	-0.3	0	0	- 3	1	
SACHS HARBOUR	71 59 N	125 17 W	86	30	1010.5	1022.1	-22.5	- 3.3	0.9	-0.3	0	T	- 3	1	153
CAMBRIDGE BAY	69 06 N	105 07 W	27	30	1016.5	1020.2	-26.1	- 3.9	0.8	-0.2	1	2	- 4	1	
COPPERMINE	67 50 N	115 08 W	22	30	1017.4	1020.3	-22.5	- 4.8	1.0	-0.5	6	8	- 2	3	111
INUVIK	68 18 N	133 29 W	68	30	1009.0	1018.2	-19.2	- 4.6	1.1	-0.7	4	11	- 3		102
NORMAN WELLS	65 17 N	126 48 W	73	30	1005.2	1014.8	-11.5	- 4.1	1.9	-1.0	5	23	+ 9	4	95
WHITEHORSE	60 43 N	135 04 W	703	30	922.7	1007.4	- 1.0	- 0.9	3.6	-0.1	2	10	- 1	3	98
FORT NELSON	58 50 N	122 36 W	379	30	963.7	1010.4	3.0	+ 1.8	3.7	-0.5	0	1	- 21	1	
FORT SMITH	60 01 N	111 58 W	203	30	986.0	1012.1	- 1.6	+ 1.6	4.0	+0.3	5	18	0	4	97
PRINCE GEORGE	53 53 N	122 41 W	691	30	931.6	1014.4	4.0	+ 0.1	4.3	-0.6	7	32	+ 2	3	112
EDMONTON	53 34 N	113 31 W	676	30	932.4	1012.2	5.2	+ 1.2	4.7	-0.1	7	51	+ 28	5	106
EDMONTON STONY PLAIN	53 33 N	114 06 W	766			U									
THE PAS	53 58 N	101 06 W	271	30	979.5	1013.0	2.8	+ 3.2	4.6	+0.2	3	13	- 12	1	120
WINNIPEG INT. AP	49 55 N	97 14 W	240	30	984.8	1013.6	6.3	+ 3.0	6.0	+0.5	3	16	- 21	1	124
REGINA	50 26 N	104 40 W	574	30	943.7	1013.0	6.8	+ 3.5	5.8	+0.5	4	43	+ 20	5	117
VERNON	50 14 N	119 17 W	555			U									
LETHBRIDGE	49 38 N	112 48 W	920	30	904.7	1012.9	7.5	+ 2.2	5.4	+0.3	6	39	+ 3	4	94
SANDSPIT	53 15 N	131 49 W	0	30	1013.0	1013.8	5.2	- 0.7	6.6	-0.8	15	97	+ 16	4	109
PORT HARDY	50 41 N	127 22 W	22	30	1014.5	1017.2	6.3	- 0.2	7.7	-0.2	19	148	+ 38	4	
VANCOUVER INT. AP	49 11 N	123 11 W	0	30	1017.7	1018.0	8.5	- 0.4	8.7	+0.2	11	81	+ 20	5	157
CANADA-EASTERN															
ALERT	82 30 N	62 20 W	63	30	1011.9	1021.1	-27.8	- 3.1	0.6	-0.1	17	0	0		
EUREKA	80 00 N	85 56 W	10	30	1019.2	1020.7	-31.0	- 3.4	0.4	-0.2	1	3	+ 1	4	
RESOLUTE	74 43 N	94 59 W	67	30	1009.4	1018.8	-27.2	- 4.1	0.6	-0.3	0	T	- 6	1	131
CLYDE	70 28 N	68 37 W	25	30	1013.2	1016.6	-19.6	- 0.9	1.1	-0.3	2	9	+ 1		
HALL BEACH	68 47 N	81 15 W	8	30	1015.1	1016.2	-23.6	- 3.6	1.1	-0.1	1	7	- 3		
BAKER LAKE	64 18 N	96 00 W	18	30	1015.9	1018.4	-20.2	- 2.6	1.3	-0.2	7	18	+ 5	4	
CORAL HARBOUR	64 12 N	83 22 W	64	30	1016.5	1020.2	-15.0	+ 1.4	1.3	-0.4	6	17	+ 2	5	
FROBISHER BAY	63 45 N	68 33 W	34	30	1012.5	1017.0	-17.4	- 3.4	1.3	-0.7	2	6	- 16	1	115
CHURCHILL	58 45 N	94 04 W	29	30	1012.8	1016.6	-10.0	+ 1.0	2.8	+0.2	7	21	- 3		102
INOUCDJOUAC	58 27 N	78 07 W	8	30	1016.4	1016.8	-13.3	- 2.4	2.3	-0.4	7	33	+ 20		133
FORT CHIMO	58 06 N	68 25 W	37	30	1010.6	1015.5	-12.1	- 2.8	2.3	-0.7	9	30	+ 8		
TROUT LAKE	53 50 N	89 52 W	222	30	988.2	1016.4	- 3.8	+ 0.6	4.1	+0.3	7	41	+ 13	4	
NITCHEQUON	53 12 N	70 54 W	536	30	948.0	1014.6	- 8.3	+ 2.5	3.0	-0.6	7	22	- 11	2	
KAPUSKASING	49 25 N	82 28 W	229	30	985.5	1013.6	1.0	+ 0.4	5.3	+0.7	7	58	+ 7	4	
SEPT-ILES	50 13 N	66 16 W	55	30	1005.1	1012.0	- 1.2	- 0.9	3.7	-1.0	6	33	- 25	1	100
GOOSE	53 19 N	60 25 W	44	30	1002.9	1009.1	- 3.2	- 1.4	3.6	-0.6	9	53	- 1	3	94
NORTH BAY	46 22 N	79 25 W	369	30	968.6	1013.7	2.9	- 0.3	5.8	+0.4	9	90	+ 25	5	95
MANIWAKI	46 23 N	75 58 W	170	30	992.5	1013.5	3.1	- 0.7	5.7	0.0	12	71	+ 11		94
TORONTO/MALTON INT AP	43 41 N	79 38 W	176	30	993.5	1014.5	7.4	+ 1.0	7.4	+0.6	8	33	- 32	1	
MONTREAL/DORVAL INT AP	45 28 N	73 45 W	30	30	1009.6	1014.0	5.1	- 0.8	6.1	-0.1	12	64	- 10	3	
BAGOTVILLE	48 20 N	71 00 W	163	30	994.4	1014.2	0.3	- 1.6	4.3	-0.6	9	33	- 16	2	
CHATHAM	47 01 N	65 27 W	34	30	1008.0	1012.1	3.1	+ 0.2	5.0	-0.4	6	26	- 50	0	126
STEPHENVILLE	48 32 N	58 33 W	26	30	1005.9	1008.9	- 0.6	- 2.3	4.4	-1.1	15	73	+ 77		
GANDER INT AP	48 57 N	59 34 W	147	30	988.9	1007.6	- 0.6	- 1.4	4.7	-0.7	16	87	+ 2	3	92
SHEARWATER	44 38 N	63 30 W	41	30	1006.5	1012.7	3.4	- 0.6	5.5	-0.7	12	84	+ 22	2	111
SYDNEY	46 10 N	60 03 W	62	30	1003.5	1010.9	0.5	- 1.7	5.1	-0.7	12	65	- 30	2	91
SHELBURNE	43 43 N	65 15 W	30			U									
SABLE ISLAND	43 56 N	60 01 W	4	30	1012.1	1012.6	2.0	- 1.3	6.2	-0.6	11	46	- 49	1	90
ARGENTIA VTMS NFLD	47 18 N	54 00 W	15	30	1007.8	1009.7	0.4	- 1.8	5.4	-0.6	9	58	- 13		
ST. JOHN'S (TORBAY)	47 37 N	52 45 W	140			U									
ST PIERRE AND MIQUELON															
ST PIERRE	46 46 N	56 10 W	5	30	1009.3	1009.9	- 0.1	- 1.8	5.5	-0.3	7	39	- 56	1	103
UNITED STATES-NORTHWEST															
QUILLAYUTE	47 57 N	124 33 W	62	30	1011.2	1018.8	7.7	- 0.1				157	- 23		91
PORTLAND	45 36 N	122 36 W	12	30	1013.7	1019.3	12.2	+ 2.0				27	- 31		128
OLYMPIA	46 58 N	122 54 W	61	30	1011.2	1018.7	9.4	+ 0.9				67	- 12		
MEDFORD	42 22 N	122 52 W	405	30	970.5	1018.3	13.4	+ 3.2				10	- 17		
SPOKANE	47 38 N	117 32 W	721	30	946.7	1015.6	8.9	+ 1.2				7	- 20		105
GREAT FALLS	47 29 N	111 22 W	1115	30	885.9	1013.5	9.2	+ 3.3				10	- 27		121
SHERIDAN	44 46 N	106 58 W	1209	30	876.4	1013.7	8.7	+ 2.9				25	- 26		136
BISMARCK	46 46 N	100 45 W	506	30	952.7	1013.6	7.8	+ 2.0				45	+ 7		110
RAPID CITY	44 03 N	103 04 W	966	30	898.8	1012.3	11.1	+ 4.1				8	- 42		123
BOISE	43 34 N	116 13 W	871	30	919.7	1015.8	10.9	+ 1.7				23	- 7		121

SURFACE DATA

APRIL 1985

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
NORTH AMERICA															
UNITED STATES-NORTHWEST															
WINNEMUCCA	40 54 N	117 48 W	1322	30	867.8	1015.8	9.4	+ 2.0				5	- 15		92
ELY	39 17 N	114 51 W	1909	30	808.3	1014.0	8.0	+ 3.1				4	- 19		137
SALT LAKE CITY	40 47 N	111 57 W	1288	30	866.5	1013.9	13.2	+ 3.6				16	- 40		118
GRAND JUNCTION	39 07 N	108 32 W	1475	30	858.0	1012.7	12.5	+ 1.6				45	+ 27		124
DENVER	39 46 N	104 52 W	1625	30	835.6	1012.1	10.6	+ 2.0				66	+ 20		89
NORTH PLATTE	41 08 N	100 41 W	849	30	913.7	1012.4	11.2	+ 2.5				47	+ 0		102
UNITED STATES-NORTHEAST															
INTERNATIONAL FALLS	48 34 N	93 23 W	361	30	970.5	1013.2	5.4	+ 2.0				81	+ 40		
DULUTH	46 50 N	92 11 W	432	30	971.1	1013.0	5.6	+ 2.1				60	+ 5		109
ST. CLOUD	45 35 N	94 04 W	318	30	974.9	1013.3	9.5	+ 3.4				97	+ 40		
SAULT STE. MARIE	46 28 N	84 21 W	221	30	990.5	1013.7	3.8	+ 0.4				111	+ 50		83
BURLINGTON	44 28 N	73 09 W	104	30	1000.0	1015.0	6.8	+ 0.9				48	- 22		92
CARIBOU	46 52 N	68 01 W	146	30	989.5	1013.3	1.8	- 1.1				46	- 20		
DES MOINES	41 32 N	93 39 W	294	30	982.0	1013.1	12.9	+ 2.6				6	- 76		124
COLUMBIA	38 49 N	92 13 W	274	30	986.1	1014.2	14.9	+ 2.2				73	- 24		105
CHICAGO O'HARE	41 59 N	87 54 W	205	30	990.2	1014.8	11.4	+ 2.1				38	- 55		
ST. LOUIS	38 45 N	90 22 W	172	30	994.6	1014.9	15.8	+ 2.4				91	+ 1		109
DAYTON	39 54 N	84 12 W	306	30	983.4	1016.0	13.4	+ 2.6				40	- 47		146
COLUMBUS	40 00 N	82 53 W	254	30	986.9	1016.6	13.5	+ 2.7				19	- 68		123
BUFFALO	42 56 N	78 44 W	215	30	986.6	1014.9	9.7	+ 2.3				34	- 44		96
NEW YORK LA GUARDIA	40 46 N	73 54 W	9	30	1004.8	1016.3	12.2	+ 1.1				25	- 70		
BOSTON	42 22 N	71 02 W	9	30	1010.3	1015.0	9.6	+ 0.3				41	- 54		93
BLUE HILL OBS	42 13 N	71 07 W	195	30			8.6	+ 0.7				46	- 55		94
CHATHAM	41 40 N	69 58 W	16			U									
WASHINGTON DULLES	38 57 N	77 27 W	98			U									
WASHINGTON NATIONAL	38 51 N	77 02 W	20	30	1012.5	1016.6	16.4	+ 2.7				1	- 74		115
UNITED STATES-SOUTHWEST															
SACRAMENTO	38 31 N	121 30 W	8	30	1013.1	1015.4	16.4	+ 1.8				T	- 33		116
SAN FRANCISCO	37 37 N	122 23 W	5	30	1016.6	1017.2	15.0	+ 2.3				3	- 36		
OAKLAND	37 44 N	122 12 W	3			U									
SANTA MARIA	34 54 N	120 27 W	73	30	1007.5	1016.1	14.8	+ 2.5				2	- 28		
SAN DIEGO	32 44 N	117 10 W	9	30	1000.9	1014.7	17.6	+ 1.4				8	- 12		106
LAS VEGAS	36 05 N	115 10 W	664	30	946.0	1011.4	20.1	+ 2.6				8	+ 2		107
PHOENIX	33 26 N	112 01 W	337	30	972.6	1011.0	23.9	+ 3.9				4	- 3		98
EL PASO	31 48 N	106 24 W	1194	30	884.8	1011.0	17.9	+ 0.3				2	- 3		105
ALBUQUERQUE	35 03 N	106 37 W	1620	30	846.9	1011.5	14.1	+ 1.3				43	+ 33		97
WICHITA	37 39 N	97 26 W	408	30	965.5	1013.7	15.5	+ 2.0				58	- 1		110
OKLAHOMA CITY/W ROGERS WORLD	35 24 N	97 36 W	397	30	971.0	1013.9	17.1	+ 1.4				136	+ 62		129
NORMAN	35 14 N	97 28 W	362			U									
ABILENE	32 25 N	99 41 W	534	30	953.0	1013.2	19.3	+ 0.9				23	- 37		116
SAN ANTONIO	29 32 N	98 28 W	242	30	990.0	1014.5	20.8	- 0.1				83	+ 14		100
VICTORIA	28 51 N	96 55 W	36			U									
BROWNSVILLE	25 54 N	97 26 W	6	30	1011.9	1013.9	24.4	+ 0.6				49	+ 9		116
UNITED STATES-SOUTHEAST															
WALLOPS ISLAND	37 51 N	75 29 W	15			U									
MONETT	36 53 N	93 54 W	407			U									
NORTH LITTLE ROCK	34 50 N	92 15 W	546	30			18.0	+ 0.9				144	+ 9		131
LONGVIEW	32 21 N	94 39 W	124			U									
NASHVILLE	36 07 N	86 41 W	184	30	998.2	1017.9	16.6	+ 1.3				74	- 40		105
ASHEVILLE	35 26 N	82 32 W	661	30	939.3	1018.3	13.7	+ 0.5				70	- 28		118
ATLANTA	33 39 N	84 25 W	315	30	976.5	1018.0	17.8	+ 1.2				70	- 43		126
WAYCROSS	31 15 N	82 24 W	46			U									
CAPE HATTERAS	35 16 N	75 33 W	3	30	1017.3	1017.8	17.6	+ 2.5				17	- 65		132
CHARLESTON	32 54 N	80 02 W	15	30	1016.9	1019.0	19.9	+ 2.0				28	- 37		128
NEW ORLEANS	29 59 N	90 15 W	9	30	1015.6	1017.4	20.6	+ 0.2				54	- 61		
BOOTHVILLE	29 20 N	89 24 W	0			U									
JACKSONVILLE	30 30 N	81 42 W	9	30	1017.2	1018.5	19.6	- 0.2				70	- 14		87
APALACHICOLA	29 44 N	85 02 W	7			U									
WEST PALM BEACH	26 41 N	80 07 W	7			U									
MIAMI	25 49 N	80 17 W	4	30	1016.8	1017.7	23.4	- 0.7				83	+ 5		
MEXICO-NORTHERN															
EMPALME	27 55 N	110 54 W	12			U									
MONTERREY AEROP. INTL	25 52 N	100 14 W	423			U									
MEXICO-SOUTHERN															
SOCORRO IS	18 14 N	111 03 W	35			U									
MEXICO CITY INT.AP, D.F.	19 26 N	99 05 W	2234			U									
EL SALVADOR															
SAN SALVADOR	13 43 N	89 12 W	689	30	1002.3	1013.1	27.3	+ 0.8	26.4	-0.5	2	30	- 10		
GUATEMALA															
LABOR OVALLE	14 51 N	91 30 W	2376	30	771.9	1015.1	13.3	- 1.0	11.3	0.0	6	36	+ 6	3	92
GUATEMALA/LA AURORA AP	14 35 N	90 31 W	1489	30	854.1	1016.4	19.8	+ 0.1	16.4	-0.4	0	1	- 19	1	112
LA FRAGUA	14 58 N	89 32 W	425	30	986.2	1009.6	27.9	- 0.9	23.6	-1.6	1	2	- 12		99
HUEHUETENANGO	15 19 N	91 28 W	1901	30	819.7	1013.4	19.2	+ 0.6	14.5	+0.9	9	75	+ 37		89
COBAN	15 29 N	90 19 W	1316	30	870.2	1012.7	17.7	- 0.7	17.6	-0.3	7	123	+ 27		100

SURFACE DATA

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE: MEAN STATION	PRESSURE: MEAN SEA LEVEL	TEMPERATURE: MEAN	TEMPERATURE: DEPARTURE	VAPOR PRESSURE: MEAN	VAPOR PRESSURE: DEPARTURE	PRECIPITATION: NO. OF DAYS 1 MM.	PRECIPITATION: TOTAL	PRECIPITATION: DEPARTURE	PRECIPITATION: QUINTILE	SUN-SHINE: PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
NORTH AMERICA															
BELIZE															
BELIZE INTL. AIRPORT	17 32 N	88 18 W	5	30	1012.9	1013.4	26.6		27.1			50	- 1		73
COSTA RICA															
JUAN SANTAMARIA	10 00 N	84 13 W	939	30	909.6	1010.8	22.8	- 0.1	16.8	-2.9	7	73	- 14	3	21
PUERTO LIMON	10 00 N	83 03 W	3	30	1011.9	1011.9	25.5	- 0.6	26.9	-1.5	9	167	-105	3	24
PUNTARENAS	09 58 N	84 50 W	3	30	1008.8	1008.8	28.9	+ 0.3	29.1	-0.4	1	16	- 17	2	21
ADJACENT ISLANDS															
NASSAU INTL.AP BAHAMAS	25 03 N	77 28 W	7	30	1016.7	1017.5	23.0	- 0.6	21.7	+0.2	7	49	- 6	3	129
GRAND CAYMAN, B.W.I.	19 15 N	81 25 W	6			U									
OWENS ROBERTS AP, GRAND CAYM	19 17 N	81 21 W	3			U									
SAN JUAN/INT., P.R.	18 26 N	66 00 W	19	30	1013.2	1015.2	25.7	- 0.3				26	- 66		128
JULIANA AP, ST. MAARTEN	18 03 N	63 07 W	9			U									
RAIZET, GUADELOUPE	16 16 N	61 32 W	8	30	1013.9	1014.8	25.2	+ 0.1	23.6	-1.1	14	117	+ 8	4	105
LAMENTIN/MARTINIQUE	14 36 N	61 00 W	4	30	1013.4	1014.2	25.2	- 0.3	25.9	+0.6	13	8	- 2	3	92
GRANTLEY ADAMS AP,BARBADOS	13 04 N	59 29 W	56	30	1007.9	1014.4	25.9	- 0.4	24.9	-0.3	10	100	+ 52		86
HATO AP,CURACAO	12 12 N	68 58 W	67	30	1010.8	1011.7	27.0	- 0.2	26.7	-0.5	3	16	- 1	4	105
SAN ANDRES,COLOMBIA	12 35 N	81 43 W	6	30	1012.2	1012.5	26.9		26.3		3	25			
PROVIDENCIA,COLOMBIA	13 22 N	81 21 W	6	30			26.9		26.2		3	28			
DOMINICAN REPUBLIC															
SANTO DOMINGO	18 26 N	69 53 W	14		1013.4	1015.1	25.4		23.1		9	37		2	
SOUTH AMERICA															
VENEZUELA															
LA CANADA(MARACAIBO)	10 31 N	71 39 W	26			U									
FRENCH GUIANA															
CAYENNE/ROCHAMBEAU	04 50 N	52 22 W	9	30	1011.4	1012.5	26.2	+ 0.5	27.4	-0.9	16	167	-262	1	119
COLOMBIA															
SANTA MARTA/SIMON BOLIVAR	11 08 N	74 14 W	14	30			28.3		26.5		0	0			
CARTAGENA/CRESPO	10 27 N	75 31 W	12	30	1008.9	1009.1	26.6		28.2		1	11			
BARRANQUILLA/ERNESTO CORTISS	10 54 N	74 46 W	30	30	1007.5	1009.1	27.5		27.8		5	61			
QUIBDO	05 42 N	76 38 W	73	30			26.5		29.5		28	833			
TUMACO/EL MIRA	01 34 N	78 41 W	5	30	1010.0	1010.7	25.8		28.0		13	216			
CUCUTA/CAMILO DAZA	07 56 N	72 31 W	317	30			26.2		26.7		14	117			
BARRANCABERMEJA/YARIGUIES	07 01 N	73 48 W	134	30			25.8		27.6		18	330			
BUCARAMANGA/PALONEGRO	07 06 N	73 12 W	1189	30			21.1		21.5		15	151			
PEREIRA/MATECANA	04 49 N	75 48 W	1342	30	865.2		21.3		19.1		14	121			
MEDELLIN/OLAYA HERRERA	06 13 N	75 36 W	1499	30	850.0		22.0		17.4		15	92			
BOGOTA/EL DORADO	04 42 N	74 08 W	2548	30	752.6		13.6		12.4		8	31			
IPIALES/SAN LUIS	00 49 N	77 38 W	2961	30			10.7		10.9		12	108			
CALI/PALMASECA	03 33 N	76 23 W	969	30	905.1		23.3		21.2		8	90			
GIRARDOT/SANTIAGO VILLA	04 17 N	74 48 W	293	30			30.0		25.0		12	207			
VILLAVICENCIO/VANGUARDIA	04 09 N	73 34 W	431	30			26.1		25.6		18	294			
GAVIOTAS	04 33 N	70 55 W	167	30			28.4		25.2		9	317			
NEIVA/LA MANGUITA	02 58 N	75 18 W	443	30	954.1		28.1		23.9		10	127			
LETICIA/VASQUEZ COBO	04 10 S	69 57 W	84	30			26.3		29.0		19	307			
ECUADOR															
SAN CRISTOBAL/GALAPAGOS	00 54 S	89 36 W	6	30	1009.5		25.2	- 1.2	28.3	+0.4	0	0	- 98	0	120
QUITO-BODEGA	00 10 S	78 29 W	2800	30			14.1	- 0.2	12.3	-0.5	11	115	- 21	1	120
IZOBAMBA-SANTA CATALINA	00 22 S	78 33 W	3058	30	706.5		11.6	- 0.2	10.4	-0.9	8	105	- 82	0	120
NUEVO ROCAFUERTE	00 55 S	75 24 W	215	30			25.5	+ 0.3	29.7	+0.7	14	185	-130		105
PORT VIEJO-GRANJA	01 02 S	80 26 W	44	30	1004.7		25.9	- 0.2	23.7	-2.3	4	27	- 38	2	100
PICHILINGUE	01 06 S	79 28 W	73	30	1001.9		24.5	- 1.2	27.1	-1.0	10	116	-289	0	80
AMBATO-GRANJA	01 15 S	78 37 W	2680	30			14.1	- 0.1	11.7	-0.6	7	24	- 38	1	
EL PUYO	01 30 S	77 57 W	950	30			21.5	+ 0.5	23.4	-1.5	18	261	-121	1	150
CANAR	02 33 S	78 56 W	3120	30			10.8	- 0.7	10.4	-0.6	6	20	- 51	0	125
LOJA/LA ARGELIA	04 02 S	79 12 W	2040	30			15.6	- 0.6	13.6	-0.3	9	49	- 44	1	105
BOLIVIA															
COBIJA	11 05 S	68 52 W	252	30		1006.6	26.1	+ 1.1			13	241	+ 58		
RIBERALTA	11 01 S	66 07 W	135	30		1012.4	27.9	+ 1.3			10	279	+140		
SANTA ANA	13 43 S	65 35 W	144	29		1010.3	26.9	0.0			11	184	+ 46		
RURRENABAQUE	14 29 S	67 29 W	202	30		1009.4	26.2	+ 0.2			15	178	+ 33		
TRINIDAD	14 51 S	64 57 W	157	30		1013.4	25.7	- 0.8			16	201	+ 78		
CONCEPCION	16 15 S	62 06 W	497	30		1012.2	23.2	- 0.8			14	172	+107		
SAN IGNACIO DE VELASCO	16 22 S	60 57 W	413	30		1009.1	25.2	+ 1.4			11	71	- 9		
SANTA CRUZ	17 48 S	63 10 W	414	30		1009.6	24.3	- 0.1			9	172	+ 77		
ROBORE	18 19 S	59 45 W	265	30		1010.4	25.6	+ 0.2			10	127	+ 35		
POTOSI	19 32 S	65 43 W	3934	27	632.8		8.8	- 1.2			7	49	+ 38		
CAMIRI	20 03 S	63 34 W	810	30		1008	23.3	+ 1.4			10	115	+ 66		
VILLA-MONTES	21 16 S	63 30 W	400	30		1018	23.2				7	52			
TARIJA	21 32 S	64 43 W	1875	30	814		20.7	+ 2.3			3	51	+ 28		
YACUIBA	22 01 S	63 42 W	643	30		1008	21.5	+ 0.5			17	305	+225		
LA PAZ/ALTO	16 31 S	68 11 W	4071	30	626.6		8.8	+ 0.4			11	79	+ 51		
ORURO	18 03 S	67 04 W	3702	30	653.0		11.9	+ 0.4			8	123	+111		
COCHABAMBA	17 27 S	66 06 W	2548	30	749.1		18.6	+ 0.2			7	57	+ 41		
SUCRE	19 01 S	65 16 W	2903	30	719.7		16.0	+ 0.6			6	52	+ 24		

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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															
PUERTO SUAREZ	19 00 S	57 44 W	135	30		1010.5	27.0	+ 1.9			7	102	+ 21		
BRAZIL-NORTHERN															
BOA VISTA	02 49 N	60 39 W	90	30			28.4	+ 0.5	27.9	+1.1	5	96	- 55	2	
S.GAB. DO CACHOEIRA/UAUPES	00 08 S	67 05 W	90	30	999.3	1009.2	26.7	+ 1.4	29.0	0.0	9	109	-158	0	
COARI	04 05 S	63 05 W	46	30	1002.5	1008.0	26.2	+ 1.0	28.8	+0.3	10	219	- 69	1	
MANAUS	03 08 S	60 01 W	72	30	1002.1	1010.1	27.0	+ 1.1	28.3	-1.3	15	145	-142	1	
MANAUS AERO PONTA PELADA	03 09 S	59 59 W	84			U									
BENJAMIN CONSTANT	04 23 S	70 02 W	65	30	1003.9	1009.6	26.2		30.9		15	236		1	
CRUZEIRO DO SUL	07 38 S	72 40 W	170	30	987.6	1005.7	24.6	+ 0.4	27.3	+0.5	18	292	+ 46	4	
PORTO VELHO/AEROPORTO	08 46 S	63 55 W	105	30	1001.3	1008.2	25.7	+ 0.5	29.8	+2.2	16	261	+ 36	4	
VILHENA /AEROPORTO/	12 44 S	60 08 W	652			U									
RIO BRANCO	09 58 S	67 48 W	136	30	991.9	1007.0	25.0		27.8		15	387			
SAO FELIX DO XINGU	06 38 S	51 58 W	150	30	990.0	1011.3	25.0		28.8		20	480			
BELEM	01 27 S	48 28 W	24	30	1010.4	1011.0	25.2	- 0.5	29.9	+0.5	24	409	+ 27	3	
BELEM/AERO VAL DE CAS	01 23 S	48 29 W	16			U									
SAO LUIZ	02 32 S	44 17 W	51	30	1005.0	1010.8	25.5		28.8		26	850		6	
FORTALEZA	03 44 S	38 33 W	19	30	1007.7	1010.8	25.6		29.3		23	431		5	
CEARA-MIRIM	05 39 S	35 25 W	64	30	1003.0	1010.3	25.8	- 0.9	29.1	+1.4	17	219	- 36	3	
NATAL	05 55 S	35 15 W	49			U									
CONCEICAO DO ARAGUAIA	08 15 S	49 12 W	160	30			25.2	- 0.2			22	242	+ 43	4	
CAROLINA	07 20 S	47 28 W	192	30	989.1	1013.4	25.0		28.3		18	347		5	
BARRA DO CORDA	05 30 S	45 16 W	153	30	992.3	1012.1	24.7	- 0.9	28.4	+0.4	24	604	+448	6	
FLORIANO	06 46 S	43 01 W	123	30	996.0	1011.8	25.9		28.2		15	311			
QUIXERAMOBIM	05 12 S	39 18 W	211	30	986.1	1010.0	24.9	- 2.2	27.5	+1.5	19	462	+302	6	
PORTO NACIONAL	10 31 S	48 43 W	250	30	984.4	1011.3	25.7	- 0.2	27.9	+0.7	15	188	+ 38	4	
BOM JESUS DA LAPA	13 16 S	43 25 W	440	30	960.8	1012.3	25.4		24.5		5	30			
PETROLINA	09 23 S	40 29 W	370	30	969.5	1011.0	24.5		25.1		11	184			
RECIFE /CURADO/	08 03 S	34 55 W	7	30	1010.2	1011.1	25.7	- 0.8	29.6	+1.6	24	377	+137	5	
ARACAJU	10 55 S	37 03 W	6	30	1010.3	1011.0	29.0	+ 2.9	26.4	+0.6	20	406	+244	6	
SALVADOR	13 01 S	38 31 W	51	30	1005.7	1011.5	25.3	- 0.7	28.6	+1.0	25	870	+579	6	
BRAZIL SOUTHERN															
CUIABA	15 33 S	56 07 W	179	30	993.0	1010.4	26.3	+ 0.8	28.1	+1.7	15	160	+ 45	4	
PONTA PORA	22 32 S	55 44 W	650	30	936.0	1012.0	21.0	+ 1.8	21.1	+3.5	14	155	+ 17	2	
CAMPO GRANDE (AEROPORTO)	20 28 S	54 40 W	567	30	952.1	1010.9	24.0	+ 2.1	23.4	+2.8	6	69	- 32	2	
TRES LAGOAS	20 47 S	51 38 W	313	30	975.8	1011.0	24.3	+ 1.4	25.2	+3.3	10	152	+ 60	4	
GOIANIA	16 41 S	49 17 W	729	30	929.1	1010.5	23.9	+ 1.8	21.8	+1.2	14	148	+ 57	5	
MONTES CLAROS	16 43 S	43 52 W	646	30	940.9	1012.5	22.9		20.4		2	3		1	
BRASILIA	15 47 S	47 56 W	1158	30	886.1	1011.1	20.7		18.6		8	117			
BRASILIA/AEROPORTO/	15 52 S	47 56 W	1061			U									
ARAXA	19 34 S	46 58 W	950	30	901.1	1013.5	25.0	+ 4.8	18.8	+0.8	7	30	- 66	1	
BELO HORIZONTE	19 50 S	43 56 W	850	30	919.0	1013.8	21.9	+ 0.8	20.1	+1.7	6	46	- 31	3	
CARAVELAS	17 44 S	39 15 W	3	30	1013.3	1013.8	25.4	+ 0.9	22.8	-3.0	20	228	+ 10	3	
CORUMBA	19 00 S	57 39 W	130	30	993.6	1011.1	25.5	+ 0.8	28.4	+4.4	11	118	+ 47	5	
JUIZ DE FORA	21 46 S	43 21 W	939	30	912.2	1015.8	19.9		19.9		8	74		3	
RIO DE JANEIRO	22 55 S	43 10 W	5	30	1013.0	1014.3	25.7	+ 1.8	26.3	+2.7	8	146	+ 30	4	
GALEAO	22 49 S	43 15 W	6			U									
LONDRINA	23 23 S	51 11 W	566	30	948.1	1014.3	22.1		21.5		10	216			
SAO PAULO	23 30 S	46 37 W	792	30	924.8	1013.3	21.2	+ 1.7	19.7	+1.1	6	32	- 30	2	
SAO PAULO(AEROPORTO)	23 37 S	46 39 W	803			U									
CURITIBA	25 26 S	49 16 W	923	30	912.4	1014.8	18.7	+ 1.9	19.0	+2.7	7	82	+ 4	4	
CURITIBA (AEROPORTO)	25 31 S	49 10 W	908			U									
FLORIANOPOLIS (AEROPORTO)	27 40 S	48 33 W	5	30	1014.1	1014.3	22.2		23.5		18	111		3	
ALEGRETE	29 41 S	55 31 W	121	30	999.5	1013.0					9	192	+ 27	4	
IGUAPE	24 43 S	47 33 W	3	30	1013.4	1013.6	28.7		26.0		14	132		2	
PORTO ALEGRE	31 01 S	51 13 W	47	30	1008.8	1014.7	20.3	+ 0.6	19.5	+1.8	9	131	+ 28	4	
PORTO ALEGRE (AEROPORTO)	30 00 S	51 11 W	3			U									
SANTA VITORIA DO PALMAR	33 31 S	53 22 W	6	30	1010.4	1014.8	17.1	0.0	17.9	+2.0	7	52	- 71	2	
CHILE															
ARICA	18 21 S	70 20 W	55	30	1007.4	1014.9	19.1	- 1.0	15.7	-2.4	0	0	+ 0	5	
ANTOFAGASTA	23 26 S	70 27 W	140	30	998.5	1015.0	16.4	+ 0.2	14.2	-1.3	0	0	+ 0	5	
ISLA DE PASCUA	27 10 S	109 26 W	69	30	1015.2	1020.8	22.2	+ 0.7	19.8	-1.2	8	35	- 79	1	
ISLA ROBINSON CRUSOE	33 37 S	78 50 W	30	30	1017.2	1020.8	15.8	- 1.0	12.9	-1.8	17	98	+ 22	4	
LA SERENA	29 55 S	71 12 W	146	30	998.4	1015.4	13.2	- 1.7	13.0	-0.7	1	1	- 1	4	
QUINTERO	32 47 S	71 32 W	2	30			11.4	- 1.6			0	0	- 12	3	
PUNTA ANGELES	33 01 S	71 39 W	41	30	1011.3	1016.3	13.3	- 1.1	12.8	0.0	1	5	- 10	3	
PUDAHUEL	33 23 S	70 47 W	474	30	960.4	1016.5	12.4	- 1.5	10.5	-1.1	0	0	- 16	2	
VALDIVIA	39 38 S	73 05 W	19	30	1014.6	1016.9	9.6	- 2.2	10.6	-1.3	19	185	+ 14	3	
PUERTO MONTT	41 26 S	73 06 W	90	30	1006.7	1017.1	9.3	- 2.0	9.5	-2.0	21	178	+ 35	4	
ISLA GUAFA	43 34 S	74 44 W	140	30	986.9	1013.8	9.3	- 1.2	10.4	-0.6	19	96	- 48	2	
PUNTA ARENAS	53 00 S	70 51 W	44	30	994.6	998.9	5.9	- 0.8	7.3	-0.2	5	39	- 11	3	
PARAGUAY															
NUEVA ASUNCION	20 43 S	61 55 W	315		975.6	1011.7	22.3		22.9		6	78			
PUERTO CASADO	22 17 S	57 52 W	87	30	1002.7	1012.5	24.2	- 0.4	25.1	+3.1	10	155	+ 39	5	
PEDRO J. CABALLERO	22 35 S	55 39 W	662		940.9		21.1		20.5		10	144			
CONCEPCION	23 25 S	57 18 W	74	30	1002.6	1012.5	23.6	+ 0.1	23.9	+2.4	10	176	+ 43	4	
PASO BARRETO	23 03 S	56 59 W	95		1001.9	1013.0	23.6		24.0		10	283			
SALTOS DEL GUAIRA	24 03 S	54 19 W			983.9				22.8		11	158			
ASUNCION/AEROPORTO	25 16 S	57 38 W	101	30	1002.4	1013.1	23.3	- 0.2	22.1	+2.0	12	216	+ 65	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		%
SOUTH AMERICA															
PARAGUAY															
VILLARRICA	25 45 S	56 26 W	161	30	995.4	1014.0	21.9	0.0	21.9	+2.4	13	316	+175	5	
PILAR	26 51 S	58 19 W	56	30	1008.1	1014.6	22.2	+ 0.1	22.3	+3.4	10	402	+247	6	
SAN JUAN BAUTISTA MISIONES	26 40 S	57 09 W	126		1000.3	1014.9	21.7		21.9		11	286			
ENCARNACION	27 19 S	55 50 W	91	30	1004.9	1014.2	20.9	- 0.3	20.5	+1.0	12	292	+133	5	
ARGENTINA-NORTHERN															
PILAR OBSERVATORIO	31 40 S	63 53 W	338	30	975.1	1014.3	16.7	+ 0.2	13.4	-0.5	4	36	- 11	3	95
ARGENTINA-SOUTHERN															
PIGUE AERO	37 36 S	62 23 W	304	30	978.2	1014.1	12.1	- 0.8	11.2	-0.2	9	85	+ 22	5	100
COMANDANTE ESPORA B.N.	38 44 S	62 10 W	74			U									
URUGUAY															
SALTO	31 23 S	57 57 W	46	30	1010.1	1014.0	18.1	- 0.3	16.6	+2.1	7	203	+529	5	
MELO	32 22 S	54 11 W	93	30	1001.9	1014.0	17.2	- 0.6	16.5	+0.9	9	70	- 35	3	
PASO DE LOS TORDS	32 48 S	56 32 W	79	30	1005.0	1014.1	17.1	- 0.4	15.6	+0.1	9	160	+ 49	4	
MERCEDES	33 15 S	58 04 W	22	30	1012.3	1014.4	17.4	- 0.7	15.1	+0.4	8	82	- 14	4	
TREINTA Y TRES	33 13 S	54 23 W	44	30	1008.8	1014.4	17.0	- 0.5	15.8	+1.5	9	101	- 30	4	
COLONIA	34 27 S	57 50 W	20	30	1011.3	1014.1	17.1	- 0.9	14.6	-1.0	10	186	+ 74	5	
MONTEVIDEO/PRADO	34 51 S	56 16 W	22	30	1012.0	1014.1	16.9	- 0.1	15.3	+0.6	8	130	+ 27	5	
PUNTA DEL ESTE	34 58 S	54 57 W	16	30	1012.3	1014.2	18.4	+ 0.8	16.2	+0.3	10	101	+ 17	4	
ROCHA	34 29 S	54 18 W	22	30	1012.3	1014.5	16.5	- 0.1	16.6	+0.2	8	77	- 20	3	
ANTARCTICA															
CENT.MET.ANT.PDTE.ED.FREI	62 15 S	58 56 W	10	30	987.6	989.0	- 0.9		5.2		17	80			
B.A. ARTURO PRAT	62 30 S	59 41 W	5	30	988.3	988.9	- 3.4		4.0		9	20			
B.A. BERNARDO O'HIGGINS	63 19 S	57 54 W	10	30	987.2	988.4	- 2.8		4.0		14	70			
CASEY	66 16 S	110 32 E	15		979.7	981.6	- 4.0		3.2		3	14			
MCMURDO	77 51 S	166 40 E	24		987.3	991.8	-22.3				3	6			
EUROPE															
GREENLAND															
NORD	81 36 N	16 40 W	36	30	1014.3	1019.3	-24.8	- 0.8	0.6		0	2	- 6		
DANMARKSHAVN	76 46 N	18 46 W	12	30	1017.1	1018.8	-20.4	- 3.3	0.7		0	1	- 10		
DANMARKSHAVN	76 46 N	18 46 W	14			U									
SCORESBYSUND	70 29 N	21 58 W	66	30	1010.0	1019.1	-12.8	- 0.6	1.6		2	6	- 21		
EGEDESMINDE	68 42 N	52 45 W	47	30	1006.3	1012.5	- 7.9	+ 1.4	2.8		3	31	+ 18		
EGEDESMINDE	68 42 N	52 45 W	40			U									
GODTHAB	64 10 N	51 45 W	48	30	1005.6	1009.1	- 2.6	+ 0.1	4.3		5	13	+ 10		
ANGMAGSSALIK	65 36 N	37 38 W	52	30	1008.3	1012.9	- 2.8	+ 0.7	3.7		5	39	- 15		
ANGMAGSSALIK	65 36 N	37 38 W	50			U									
NARSSARSSUAQ	61 11 N	45 26 W	4			U									
PRINS CHRISTIAN SUND	60 02 N	43 07 W	76	30	999.5	1009.1	- 0.5	0.0	5.8						
ICELAND															
REYKJAVIK	64 08 N	21 54 W	61	30	1000.9	1008.5	3.6	+ 0.5	6.2	0.0	11	64	+ 11	4	87
KEFLAVIK	63 58 N	22 36 W	54	30	1001.7	1008.4	3.6	+ 0.6	6.6	+0.3	14	73	+ 6		
AKUREYRI	65 41 N	18 05 W	27	30	1007.6	1011.0	1.5	- 0.2	5.3	-0.6	9	27	- 5	3	109
HOFN I HORNAFIRDI	64 15 N	15 11 W	11	30	1007.8	1009.2	2.9	+ 0.1	6.0		9	72	- 31		93
UNITED KINGDOM															
LERWICK	60 08 N	01 11 W	84	30	997.2	1007.3	4.8	- 0.6	7.2	-0.6	19	147	+ 71	6	85
STORNOWAY	58 13 N	06 19 W	13	30	1006.0	1007.8	6.9	- 0.1	8.1	-0.6	17	111	+ 46	5	89
TIREE	56 30 N	06 53 W		30	1007.3	1008.4	7.5	- 0.3	8.7	+0.1	17	98	+ 34	5	87
ABERDEEN/DYCE	57 12 N	02 13 W		30	999.9	1007.7	6.5	- 0.1	7.7	-0.2	18	80	+ 30	5	80
EDINBURGH AIRPORT	55 57 N	03 21 W		30	1004.3	1008.7	7.7	+ 0.3	7.8	-0.1	12	73	+ 40		77
ESKDALEMUIR	55 19 N	03 12 W		30	980.3	1009.1	6.1	+ 0.3	7.9	+0.2	17	129	+ 32	4	84
LEEMING	54 18 N	01 32 W		30	1005.5	1009.4	8.1		8.5		13	59			
BELFAST/ALDERGROVE AP	54 39 N	06 13 W	68	30	1001.3	1009.6	8.3	+ 0.5	8.7	-0.1	12	56	+ 8	4	87
VALLEY	53 15 N	04 32 W		30	1009.4	1010.8	8.4	- 0.1	9.3	+0.2	11	73	+ 30	5	78
AUGHTON	53 33 N	02 55 W	56			U									
MANCHESTER AIRPORT	53 21 N	02 16 W	75	30	1001.1	1010.4	8.4	+ 0.2	8.6	+0.1	10	57	+ 8	4	83
BIRMINGHAM AP	52 27 N	01 44 W		30	998.9	1011.0	8.3	+ 0.6	8.4	+0.3	10	64	+ 27		80
WADDINGTON	53 10 N	00 31 W		30	1001.7	1010.3	8.3	0.0	8.5	-0.3	9	44	+ 7	4	71
LONDON/GATWICK AIRPORT	51 09 N	00 11 W		30	1004.8	1011.9	8.9		8.5		14	56			
CRAWLEY	51 05 N	00 13 W	144			U									
CARDIFF-WALES AP	51 24 N	03 21 W		30	1004.0	1011.9	8.5		8.8		11	59			
BOURNEMOUTH AP	50 47 N	01 50 W		30	1011.2	1012.5	8.7		8.7		11	46			
PLYMOUTH/MOUNT BATTEN	50 21 N	04 07 W		30	1009.8	1013.1	9.3	+ 0.1	9.3	-0.1	13	67	+ 12	4	95
IRELAND															
MALIN HEAD	55 22 N	07 20 W	25	30	1006.0	1009.1	8.2	+ 0.2	9.0	+0.4	19	75	+ 21		83
BELMULLET	54 14 N	10 00 W	10	30	1008.8	1010.0	8.8	+ 0.1	9.5		12	72	+ 7		94
DUBLIN AIRPORT	53 26 N	06 15 W	85	30	999.8	1010.2	8.9	+ 0.7	8.8	+0.5	9	40	- 5		85
SHANNON AIRPORT	52 42 N	08 55 W	20	30	1008.7	1011.1	10.0	+ 0.9	9.5	+0.5	11	55	+ 2		101
CORK AIRPORT	51 51 N	08 29 W	162	30	992.0	1011.7	8.7	+ 0.4	9.0		10	65	- 2		
VALENTIA OBSERVATORY	51 56 N	10 15 W	14	30	1010.2	1011.9	10.0	+ 0.6	9.9	+0.7	12	68	- 6	2	96
DENMARK AND FAROE IS															
THORSHAVN	62 01 N	06 46 W	39	30	1005.1	1008.1	4.4	- 1.0	7.3		21	121	+ 15	4	84
THORSHAVN	62 01 N	06 46 W	55			U									

SURFACE DATA

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS 1 MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
DENMARK AND FAROE IS															
ALBORG	57 06 N	09 52 E	3	30	1006.9	1007.3	4.1	- 1.7	6.5		14	54	+ 23	5	
KOBENHAVN/JAEGERSBORG	55 46 N	12 31 E	40			U									
KOBENHAVN/LANDBOHOJSKOLEN	55 41 N	12 33 E	9	30	1007.1	1007.7	5.4	- 1.2	7.1		11	47	+ 9	4	71
RONNE	55 04 N	14 45 E	16	30	1006.8	1008.8	3.2	- 2.0	6.6		9	30	- 2	3	
NORWAY															
BJORNOYA	74 31 N	19 01 E	14	30	1006.0	1008.1	- 7.6	- 2.2	3.1		6	19		4	
BJORNOYA	74 31 N	19 01 E	18			U									
JAN MAYEN	70 56 N	08 40 W	9	30	1013.7	1014.9	- 5.8	- 2.3	3.5		8	39		3	
VARDO	70 22 N	31 06 E	15	30	1002.5	1004.3	- 2.0	- 1.2	4.6		9	42		5	
SVALBARD LUFTHAVN	78 15 N	15 28 E	29	30	1007.4	1011.2	-13.5	- 1.9	1.4		3	14			
TROMSO/LANGNES	69 41 N	18 55 E	10	30	1004.9	1006.1	- 1.5	- 2.3	3.9		17	102			105
BODO	67 16 N	14 22 E	13	30	1005.2	1006.8	0.6	- 1.6	4.3		10	53		3	123
BODO	67 15 N	14 24 E	8			U									
ORLAND	63 42 N	09 36 E	7	30	1006.6	1007.7	3.0	- 1.1	5.3		11	39		1	
ORLAND	63 42 N	09 36 E	10			U									
BERGEN/FLORIDA	60 23 N	05 20 E	36	30	1002.4	1006.8	5.3	- 0.6	6.1		13	94			74
STAVANGER/SOLA	58 53 N	05 38 E	9	30	1006.0	1007.1	5.0	- 0.5	6.9		13	73		5	
STAVANGER/SOLA	58 52 N	05 40 E	33			U									
OSLO/BLINDERN	59 56 N	10 44 E	96	30	996.0	1007.8	2.7	- 2.1	4.8		12	75		5	82
OSLO/GARDERMOEN	60 12 N	11 05 E	204	30	983.0	1008.1	1.4	- 1.8	4.6		13	80		4	
OSLO/GARDERMOEN	60 12 N	11 06 E	201			U									
SWEDEN															
KARESUANDO	68 27 N	22 30 E	327	30	966.4	1007.0	- 6.3	- 2.7	2.7	-1.4	5	12	- 7	2	115
HAPARANDA	65 50 N	24 09 E	6	30	1006.1	1007.0	- 2.4	- 1.5	3.6	-1.2	3	15	- 19	2	115
STENSELE	65 04 N	17 09 E		30	972.8	1007.5	- 2.2	- 2.0	3.9	-0.9	3	3	- 22	0	
OSTERSUND/FROSON	63 11 N	14 30 E	366	30	963.9	1008.7	- 0.7	- 2.2	4.0		6	20	- 6	2	113
HARNOSAND	62 38 N	17 57 E	8	30	1007.2	1008.4	0.2	- 2.0	4.4	-1.2	5	32	- 14	2	111
SUNDSVALL-HARNOSAND	62 32 N	17 27 E	6			U									
STOCKHOLM/BROMMA	59 21 N	17 57 E	22			U									
KARLSTAD FLYGPLATS	59 22 N	13 28 E	55	30	1002.5	1008.2	1.1	- 2.9	4.7	-1.4	14	68	+ 29	5	71
JONKOPING FLYGPLATS	57 46 N	14 05 E	232	30	979.6	1007.3	1.5	- 2.4	5.8		19	101	+ 62	6	68
GOTEBORG/SAVE	57 47 N	11 53 E	53	30	1001.1	1007.7	3.5	- 1.9	6.4	-0.4	14	111	+ 73	6	46
GOTEBORG/LANDVETTER	57 40 N	12 18 E	155			U									
VISBY FLYGPLATS	57 40 N	18 21 E	47	30	1001.5	1007.8	2.3	- 2.0	6.0	-0.5	12	91	+ 60	6	72
FINLAND															
SODANKYLA	67 22 N	26 39 E	179	30	984.1	1006.6	- 4.0	- 1.9	3.2	-0.9	5	16	- 16	3	124
KAJAANI	64 17 N	27 41 E	136	30	989.9	1006.9	- 1.9	- 2.2	3.4	-1.4	6	25	- 10	2	122
JYVASKYLA	62 24 N	25 41 E	145	30	988.6	1006.7	- 0.7	- 2.1	4.1	-0.9	8	54	+ 19	5	106
VAASA	63 03 N	21 46 E	4	30	1006.1	1007.2	- 0.5	- 1.8	4.3	-1.3	5	37	+ 11	4	117
JOKIOINEN	60 49 N	23 30 E	103	30	994.5	1007.3	0.5	- 1.7	4.5	-1.1	8	32	- 1	3	113
TURKU	60 31 N	22 16 E	59	30	1001.1	1007.4	1.1	- 1.1	4.7	-1.0	9	47	+ 14	5	113
HELSINKI-VANTAA	60 19 N	24 58 E	56	30	1000.3	1007.3	1.2	- 1.0	4.5	-1.1	9	39	+ 1	3	104
FRANCE															
CHERBOURG	49 39 N	01 28 W	138	30	996.5	1013.2	8.6		8.7		10	60			
BREST/GUIPAVAS	48 27 N	04 25 W	103	30	1001.3	1013.8	9.6	+ 0.4	9.5	0.0	12	72	+ 3	4	96
NANTES	47 10 N	01 36 W	27	30	1011.3	1014.7	11.1	+ 0.3	10.1	+0.3	11	75	+ 30	5	104
TRAPPES	48 46 N	02 01 E	168	30	993.2	1013.5	9.6	+ 0.1	8.5	-0.4	15	68	+ 24	4	102
PARIS/LE BOURGET	48 58 N	02 27 E	65	30	1005.8	1013.7	9.9	- 0.4	9.2	+0.5	10	56	+ 18	4	102
NANCY/ESSEY	48 41 N	06 13 E	217	30	987.7	1013.8	9.5	+ 0.3	8.5	+0.2	11	56	+ 7	4	98
STRASBOURG	48 33 N	07 38 E	154	30	995.4	1014.0	10.1	+ 0.3	8.0	-0.4	10	37	- 2	3	93
DIJON	47 16 N	05 05 E	227	30	986.9	1014.2	9.8	- 0.6	8.2	0.0	10	49	+ 3	3	98
BOURGES	47 04 N	02 22 E	166	30	994.6	1014.6	10.4	- 0.2	9.3	+0.7	12	69	+ 23	4	113
LIMOGES	45 52 N	01 11 E	402	30	967.4	1015.1	9.9	0.0	8.4	0.0	15	84	+ 19	4	99
LYON/BRON	45 43 N	04 57 E	201	30	990.6	1014.7	11.4	+ 0.5	8.1	-0.6	10	38	- 18	2	109
LYON/SATOLAS	45 44 N	05 05 E	240			U									
BORDEAUX/MERIGNAC	44 50 N	00 42 W	61	30	1007.7	1015.1	12.0	+ 0.3	0.9	+0.2	14	76	+ 28	5	101
TOULOUSE/BLAGNAC	43 38 N	01 22 E	153	30	997.1	1015.5	12.0	+ 0.6	10.4	+0.8	10	67	+ 17	4	104
PERPIGNAN	42 44 N	02 52 E	48	30	1008.8	1014.6	14.3	+ 0.4	10.0	+0.2	7	36	- 3	4	89
NIMES/COURBESSAC	43 52 N	04 24 E	62	30	1007.0	1014.5	13.6	+ 0.6	9.0	-0.2	4	12	- 49	1	109
MARSEILLE/MARIGNANE	43 27 N	05 13 E	36	30	1009.4	1013.8	13.6	+ 0.6	10.0	+0.2	5	22	- 20	2	108
NICE	43 39 N	07 12 E	10	30	1011.5	1012.7	14.0	+ 0.7	10.3	-1.2	2	16	- 57	1	107
AJACCIO	41 55 N	08 48 E	9	30	1012.4	1013.0	12.7	+ 0.1	10.7	-0.6	3	7	- 41	1	107
BELGIUM															
UCCLE	50 48 N	04 21 E	104	30	999.6	1011.8	9.0		8.6		13	106		5	72
NETHERLANDS															
DE BILT	52 06 N	05 11 E	4	30	1010.4	1010.9	8.5	0.0	8.9	+0.5	12	68	+119	5	82
LUXEMBOURG															
LUXEMBOURG AP	49 37 N	06 13 E	379	30	968.0	1013.3	7.6	- 0.1	7.7	+0.4	12	78	+ 25	4	85
SWITZERLAND															
PAYERNE	46 49 N	06 57 E	491			U									
FEDERAL REP OF GERMANY															
SCHLESWIG	54 32 N	09 33 E	48	30	1002.9	1008.8	6.3	- 0.2	8.1	+0.2	15	60	+ 6	3	61
HAMBURG/FUHLSBUTTEL	53 38 N	09 59 E	16	30	1007.8	1009.8	7.8	+ 0.3	8.5	+0.1	15	60	+ 8	4	65

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE: MEAN STATION	PRESSURE: MEAN SEA LEVEL	TEMPERATURE: MEAN	TEMPERATURE: DEPARTURE	VAPOR PRESSURE: MEAN	VAPOR PRESSURE: DEPARTURE	PRECIPITATION: NO. OF DAYS 1 MM.	PRECIPITATION: TOTAL	PRECIPITATION: DEPARTURE	PRECIPITATION: QUINTILE	SUN-SHINE: PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
FEDERAL REP OF GERMANY															
EMDEN-HAFEN	53 20 N	07 12 E	12	30	1008.3	1009.8	7.7	- 0.1	8.4	0.0	10	39	- 7	2	65
HANNOVER	52 28 N	09 42 E	54	30	1003.9	1010.5	8.4	+ 0.3	8.3	+0.2	13	61	+ 13	5	74
BERLIN/TEMPELHOF	52 28 N	13 24 E	49	30	1004.0	1010.0	8.8	- 0.2	8.3	+0.7	16	63	+ 24	5	78
KASSEL	51 19 N	09 29 E	163	30	983.0	1011.1	7.8	- 0.5	7.6	-0.3	12	50	+ 1	3	75
ESSEN	51 24 N	06 58 E	161	30	991.7	1011.2	8.8	- 0.1	8.1	-0.2	15	82	+ 18	4	79
GEISENHEIM	49 59 N	07 58 E		30	997.8	1012.3	9.7	- 0.2	7.8	-0.2	11	39	+ 2	4	86
NURNBERG	49 30 N	11 05 E	312	30	975.5	1012.9	8.5	+ 0.3	7.8	+0.1	10	39	- 1	3	95
STUTTGART/BAD CANNSTATT	48 50 N	09 12 E	315	30	976.0	1013.1	9.5	+ 0.1	7.3	-0.6	10	39	- 10	2	
MUNCHEN/RIEM	48 08 N	11 42 E	529	30	950.8	1013.5	7.4	- 0.2	7.1	-0.5	13	67	+ 5	3	99
MUNCHEN/OBERSCHLEISSHEIM	48 15 N	11 33 E				U									
KONSTANZ	47 41 N	09 11 E	447	30	960.8	1013.4	8.7	+ 0.1	7.2	-0.9	15	96	+ 46	5	109
ZUGSPITZE	47 25 N	10 59 E	2962	30	701.9	2983 Z	- 7.7	- 0.8	2.7	-0.5	17	264	+ 95		108
GERMAN DEMOCRATIC REP															
GREIFSWALD	54 06 N	13 24 E	6			U									
LINDENBERG	52 13 N	14 07 E	115			U									
MEININGEN	50 34 N	10 23 E	453			U									
AUSTRIA															
ST. POLTEN	48 12 N	15 37 E	282	30	978.2	1012.7	9.2	+ 0.2	6.9	-1.1	8	31	- 18	2	109
WIEN/HOHE-WARTE	48 15 N	16 22 E	209	30	986.6	1011.9	10.5	+ 0.2	7.1	-0.8	7	16	- 29	1	97
SALZBURG-FLUGHAFEN	47 48 N	13 00 E	450	30	960.4	1013.4	8.7	+ 0.4	6.5	-1.5	10	82	- 7	3	94
INNSBRUCK-FLUGHAFEN	47 16 N	11 21 E	598	30	942.1	1013.1	7.9	- 1.4	6.4	-1.1	9	66	+ 11	4	109
KLAGENFURT-FLUGHAFEN	46 39 N	14 20 E	452	30	957.7	1012.8	7.7	- 1.0	7.0	-1.0	8	90	+ 21	5	107
GRAZ-THALERHOF-FLUGHAFEN	47 00 N	15 26 E	347	30	970.4	1012.6	8.6	- 0.4	7.4	-0.6	8	35	- 17	2	112
SONNBLICK	47 03 N	12 57 E	3107	30	688.6	1297.4	- 8.0	+ 0.2	2.6	-0.3	17	167	0	3	113
CZECHOSLOVAKIA															
POPRAD/GANOVCE	49 02 N	20 19 E	706			U									
HUNGARY															
MISKOLC	48 08 N	20 48 E	119	30	996.6	1011.4	10.5	+ 0.5	8.6	+0.5	9	50	+ 11	4	99
BUDAPEST/METEOROLOGIA	47 31 N	19 02 E	129	30	996.4	1012.0	11.5	- 0.1	8.0	-0.3	4	9	- 36	1	102
BUDAPEST/LORINC	47 26 N	19 11 E	139	30	994.8	1011.7	11.3	+ 0.5	7.7	-0.7	4	12	- 32	1	106
DEBRECEN	47 29 N	21 38 E	112	30	997.6	1011.6	10.5	- 0.3	9.2	+0.4	7	44	+ 9	4	85
PECS	46 00 N	18 14 E	203	30	988.4	1012.8	10.9	+ 0.3	8.6	-0.2	7	38	- 18	2	96
SZEGED	46 15 N	20 06 E	83	30	1002.4	1012.4	11.5	+ 0.3	8.5	-0.7	5	42	+ 0	4	87
POLAND															
SZCZECIN	53 24 N	14 37 E	3	30	1008.6	1009.0	7.6	+ 0.5	7.9	+0.4	11	59	+ 28		
GDANSK-SWIBNO	54 20 N	18 56 E	9	30	1007.8	1008.9	6.0	+ 0.2	7.4	+0.4	8	23	- 9		
POZNAN	52 25 N	16 50 E	92	30	999.8	1009.6	7.9	+ 0.7	7.7	+0.4	6	29	- 5		
LEGIONOWO	52 24 N	20 58 E	96			U									
WARSZAWA-OKECIE	52 10 N	20 58 E	107	30	997.4	1010.4	8.4	+ 1.1	8.4	+0.9	9	37	+ 5		
BIALYSTOK	53 06 N	23 10 E	151	30	991.4	1009.8	6.6	+ 0.2	7.5	+0.3	4	33	- 6		
WROCLAW II	51 06 N	16 53 E	121	30	996.1	1010.8	8.5	+ 0.9	8.2	+0.6	9	49	+ 7		
WROCLAW I	51 08 N	16 59 E	116			U									
KRAKOW/BALICE	50 05 N	19 48 E	237	30	982.8	1011.6	8.3	+ 0.9	8.0	+0.2	12	58	+ 13		
PRZEMYSL	49 48 N	22 46 E	280	30	978.0	1011.8	8.6	+ 1.1	7.8	+0.4	12	69	+ 28		
GIBRALTAR															
NORTH FRONT	36 09 N	05 21 W		30	1016.0	1016.4	17.0	+ 0.4	13.4	0.0	7	55	- 7	3	99
PORTUGAL															
LAJES /ACORES/	38 45 N	27 05 W	54			U									
HORTA/ACORES	38 31 N	28 38 W	62	30	1013.3	1020.7	14.0	+ 1.2	12.0	-1.6	10	82	+ 14	4	107
PONTA DELGADA/ACORES	37 45 N	25 40 W	36	30	1016.1	1020.5	14.8	- 0.3	11.7	-1.7	6	67	+ 0	4	123
SANTA MARIA /ACORES/	36 58 N	25 10 W	100	30	1008.6	1020.8	14.5	- 0.7			7	46	+ 3		
PORTO/SERRA DO PILAR	41 08 N	08 36 W	100	30	1002.6	1014.6	13.8	+ 0.2	11.7	+0.5	9	130	+ 44	4	75
LISBOA	38 43 N	09 09 W	95	30	1004.6	1015.9	15.6	0.0	12.0	+0.1	12	120	+ 66	5	82
LISBOA/GAGO CONTINHO	38 46 N	09 08 W	105			U									
CAPE VERDE															
SAL	16 44 N	22 57 W	55			U									
MADEIRA															
FUNCHAL	32 38 N	16 54 W	56	30	1010.3	1017.0	16.6	- 0.1	12.8	-0.5	9	34	- 10	3	73
SPAIN															
LA CORUNA	43 22 N	08 25 W	67	30	1006.9	1014.9	13.2	+ 0.8	10.5	-0.6	12	78	+ 8	4	85
VALLADOLID	41 39 N	04 45 W	696	30	930.1	1015.8	10.8	- 0.1	7.8						90
MADRID/BARAJAS	40 27 N	03 35 W	582			U									
MADRID	40 25 N	03 41 W	667	30	939.3	1016.0	13.3	+ 0.6	8.3	-0.2	9	37	- 7	3	85
BADAJOZ	38 53 N	06 58 W	195	30	994.3	1014.9	14.3	- 0.9	11.5	+0.8	12	97	+ 55	6	80
SEVILLA/TABLADA	37 22 N	06 00 W	14	30	1014.7	1016.4	17.2	+ 0.8	12.2	-0.7	9	92	+ 41	5	80
ALICANTE	38 22 N	00 30 W	82	30	1006.2	1015.8	16.2	+ 1.0	14.0	+2.5	3	32	- 7	3	100
BARCELONA	41 25 N	02 09 E	178	30	993.8	1014.4	14.4	- 0.2	9.9	-1.7	3	46	+ 1	3	
PALMA DE MALLORCA	39 34 N	02 39 E	17	30	1015.0	1015.7	15.3	+ 0.8	11.9	-0.9	3	11	- 17	2	105
PALMA/SON BONET	39 36 N	02 42 E	45			U									
MENORCA/MAHON	39 52 N	04 14 E	82	30	1005.4	1015.3	14.3	+ 0.1	12.7	+0.4	4	19	- 15	2	115

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
EUROPE															
ITALY															
UDINE/CAMPOFORMIDO	46 02 N	13 11 E	94			U									
MALTA															
LUQA	35 51 N	14 29 E		30	1005.3	1013.8	16.6	+ 1.0			3	24	- 12	3	87
YUGOSLAVIA															
ZAGREB/MAKSIMIR	45 49 N	16 02 E	128			U									
BEOGRAD/ZELENO BRDO	44 47 N	20 32 E	243			U									
GREECE															
ATHENS/HELLINIKON	37 54 N	23 44 E	15			U									
ROMANIA															
CLUJ-NAPOCA	46 47 N	23 34 E	413	30	963.0	1011.9	9.5	0.0	9.0	+1.0	9	50	+ 6		107
BISTRITA	47 09 N	24 31 E	367	30	968.8	1012.6	9.1	- 0.1	9.0	+0.7	12	103	+ 45	5	85
IASI	47 10 N	27 38 E	104	30	999.3	1011.8	10.9	+ 0.9	9.1	+0.8	7	44	+ 7	4	93
TIMISOARA	45 46 N	21 15 E	88	30	1002.3	1012.9	11.4	0.0	9.2	-0.3	10	51	+ 8	4	101
SIBIU	45 48 N	24 09 E	444	30	960.0	1012.6	10.0	+ 0.4	8.9	+0.8	14	58	- 1	3	100
BUCURESTI/IMH	44 30 N	26 08 E	90			U									
SULINA	45 09 N	29 40 E	9	30	1010.3	1011.4	9.6	+ 0.1	9.9	+0.6	4	10	- 18	2	75
CONSTANTA	44 13 N	28 38 E	14			U									
TURKEY															
SAMSUN	41 17 N	36 20 E	44		1012.8	1013.2	10.9	- 0.1	10.6	+0.6	13	32	- 24	1	21
EDIRNE	41 40 N	26 34 E	48		1006.0	1011.7	14.0	+ 1.4	10.7	+1.0	6	55	+ 6	4	45
ISTANBUL/GOZTEPE	40 58 N	29 05 E	40		1008.2	1012.8	12.7	+ 1.4	10.1	+0.2	5	34	- 3	3	41
BURSA	40 11 N	29 04 E	100		1001.0	1012.9	14.5	+ 1.9	9.5	-0.4	5	33	- 23	2	39
CANAKKALE	40 08 N	26 24 E	3		1012.2	1012.5	13.4	+ 1.3	11.8	+1.8	1	10	- 26		58
IZMIR	38 26 N	27 10 E	25		1009.1	1012.1	17.3	+ 2.0	11.4	+0.6	2	6	- 36	1	67
ANTALYA	36 42 N	30 44 E	57		1006.6	1011.6	15.9	- 0.3	12.6	-0.1	3	24	- 17	2	74
KASTAMONU	41 22 N	33 46 E	799		919.8	1011.6	10.1	+ 0.7	8.0	+0.5	11	47	0	3	40
ANKARA/CENTRAL	39 57 N	32 53 E	894		909.9	1011.5	11.8	+ 0.8	7.9	+0.7	8	49	+ 12	4	48
SIVAS	39 45 N	37 01 E	1285		867.9	1010.7	10.9	+ 2.6	7.4	+0.7	14	61	+ 6	2	45
ERZINCAN	39 44 N	39 30 E	1215		875.8	1010.9	11.7	+ 1.3	7.4	+0.3	11	52	+ 4	3	44
ERZURUM	39 55 N	41 16 E	1758		808.6	1011.2	7.0	+ 2.0	6.2	+0.6	9	59	+ 20	4	48
MUGLA	37 12 N	28 21 E	646		938.4	1013.1	13.0	+ 0.4	9.9	+1.3	3	14	- 46	1	60
AFYON	38 45 N	30 32 E	1034		895.7	1012.7	11.4	+ 1.0	7.8	+0.5	8	28	- 19	2	50
ISPARTA	37 45 N	30 33 E	997		899.7	1012.8	11.2	+ 0.6	7.7	+0.1	4	43	- 9	3	55
KONYA	37 58 N	32 33 E	1022		895.5	1010.9	12.8	+ 1.8	7.8	+0.6	9	25	- 6	9	54
URFA	37 08 N	38 46 E	547		947.3	1009.7	16.8	+ 1.1	10.1	+1.0	5	66	+ 13		63
MALATYA/ERHAC	38 26 N	38 05 E	849		900.3	1011.9	14.7	+ 2.0	8.6	+1.1	7	29	- 24	2	53
DIYARBAKIR	37 53 N	40 11 E	677		934.4	1011.6	15.4	+ 1.6	10.1	+0.9	6	122	+ 49	5	60
VAN	38 27 N	43 19 E	1661		824.4	1010.9	8.7	+ 1.7	6.0	-0.5	6	38	- 15		52
USSR															
KANIN NOS	68 39 N	43 18 E			998.8	1005.0	- 6.0		3.6		5	25		5	45
ARKHANGELSK	64 35 N	40 30 E	13		1005.6	1006.6	- 2.7		3.6		11	44		5	130
REBOLY	63 49 N	30 49 E	181		984.2	1007.0	10.2		3.5		9	41		5	
VYTEGRA	61 01 N	36 27 E	59		1000.4	1007.4	- 0.1		4.7		7	34		3	85
LENINGRAD /TOWN/VILLE/	59 58 N	30 18 E	4		1007.0	1007.8	2.3		5.2		9	40			90
VELIKIE LUKI	56 23 N	30 36 E	98		996.5	1009.3	3.8		6.2		13	38		4	75
VOLOGDA	59 17 N	39 52 E	118		991.9	1008.1	0.8		5.3		12	35		3	75
MOSKVA	55 45 N	37 34 E	156			U									
LVOV	49 49 N	23 57 E	325		927.8	1011.0	8.0		7.3		9	65			
KIEV	50 24 N	30 27 E	179		991.0	1011.2	9.4		7.7		7	35			
HAR KOV	49 56 N	36 17 E	152		994.3	1013.0	8.9		7.9		4	17		2	160
ODESSA	46 29 N	30 38 E	64		1006.8	1011.9	8.9		8.7		8	27		3	30
SIMFEROPOL	45 01 N	33 59 E	205		989.5	1011.2	9.8		8.4		4	19			75
ROSTOV-NA-DONU	47 15 N	39 49 E	77		1004.7	1012.9	9.8		8.6		4	34		3	75
ASTRAHAN	46 16 N	48 02 E	18		1016.3	1013.7	10.4		8.2		3	26		5	
PJATIGORSK	44 03 N	43 02 E			949.8	1012.9	9.5		8.6		9	55		4	
AFRICA															
MOROCCO															
CASABLANCA	33 34 N	07 40 W	62		1008.0	1014.7	16.6		14.9		4	17		2	100
AGADIR	30 23 N	09 34 W	23		1012.3	1015.1	18.4		12.4		2	3		2	95
MEKNES	33 53 N	05 32 W	549		951.9	1015.1	16.4		10.8		8	80		4	110
MARRAKECH	31 37 N	08 02 W	466		961.1	1014.9	17.7		10.2		5	28		4	100
OUARZAZATE	30 56 N	06 54 W	1140		887.0	1150.0	17.6		5.2		2	29		5	75
SPANISH CANARY IS															
SANTA CRUZ DE TENERIFE	28 28 N	16 15 W	46		1012.9	1017.2	19.8		12.3		2	38		5	105
LAS PALMAS/GANDO	27 56 N	15 23 W	25		1011.2	1016.7	19.0		12.7		5	28		6	85
SUDAN															
DONGOLA	19 10 N	30 29 E	226	30	983.1	1008.6	28.4	+ 1.4	8.4	+1.0	0	0		5	
PORT SUDAN	19 35 N	37 13 E	2	30	1008.3	1008.6	27.3	+ 0.8	22.3	+1.6	0	0		5	
KHARTOUM	15 36 N	32 33 E	380	30	960.9	1003.9	32.0	+ 0.2	5.9	+2.9	0	0		4	
EL OBEID	13 10 N	30 14 E	574	30	943.5	1005.1	30.0	+ 0.1	7.2	+0.5	0	0		4	
EL FASHER	13 37 N	25 20 E	730		928.6	1008.1	27.9	+ 7.7			1				
DAMAZINE	11 47 N	34 23 E	470	30	952.3	1005.0	32.6	+ 0.4	10.3	+1.7	0	0		4	

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	° '	° '	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
AFRICA															
SUDAN															
JUBA	04 52 N	31 36 E	457	30	955.9	1006.9	26.4	+ 2.5	25.8	+2.5	12	156		1	
MAURITANIA															
NOUADHIBOU	20 56 N	17 02 W	3	30	1014.4	1014.9	19.8		16.3		0	0			
NOUAKCHOTT	18 06 N	15 57 W	3	30	1011.7	1012.1	23.9		13.8		0	T			
ROSSO	16 30 N	15 49 W	6	30	1011.4	1012.2	27.0		10.5		0	0			
BIR MOGHREIN	25 14 N	11 37 W	360	30	972.5	1013.4	21.9		12.9		0	0			
ZOUERATE	22 45 N	12 29 W	343	30	942	1013.1	23.6		13.9		0	T			
ATAR	20 31 N	13 04 W	224	30	986.9	1012.1	26.8		6.5		1	3			
AKJOUJT	19 45 N	14 22 W	120	30	999.3	1011.2	27.7		11.1		0	0			
BOUTILIMIT	17 32 N	14 41 W	75	30	1003.0	1011.5	28.6		7.3		0	T			
TIDJIKJA	18 34 N	11 26 W	402	30	966.6	1011.1	28.0		6.9		0	0			
KIFFA	16 38 N	11 24 W	115	30	995.8	1008.7	31.2		5.7		0	0			
AIOUN EL ATROUSS	16 42 N	09 36 W	223	30	983.8	1008.6	30.4		5.4		0	0			
NEMA	16 36 N	07 16 W	269	30			31.8		13.0		1	7			
SENEGAL															
SAINT-LOUIS	16 03 N	16 27 W	4		1010.9	1011.4	22.5		16.4		0	0		4	
DAKAR/YOFF	14 44 N	17 30 W	24		1008.3	1011.6	20.1		19.0		0	0		5	
DIOURBEL	14 39 N	16 14 W	9		1009.2	1010.2	27.3		14.1		0	0		4	
KAOLACK	14 08 N	16 04 W	7		1010.2	1011.0	29.0		14.0		0	0		5	
ZIGUINCHOR	12 33 N	16 16 W	23		1007.5	1010.1	26.7		18.2		0	0		5	
PODOR	16 39 N	14 56 W	7		1010.5	1011.3	29.6		10.5		0	0		5	
LINGUERE	15 23 N	15 07 W	21		1007.5	1009.8	30.0		11.4		0	0			
MATAM	15 39 N	13 15 W	17		1007.0	1008.9	32.5		8.4		0	T		5	
TAMBACOUNDA	13 46 N	13 41 W	50		1003.2	1008.8	32.4				0	T		4	
KOLDA	12 53 N	14 58 W	10				30.9		14.0		0	0		5	
KEDOUGOU	12 34 N	12 13 W	167		989.0	1007.4	32.6		13.3		1	27		5	
MALI															
GAO	16 16 N	00 03 W	260		980.0	1008.1	32.4		6.2		0	0			65
TOMBOUCTOU	16 43 N	03 00 W	264		978.6	1007.7	30.3		9.1		0	1		5	70
MOPTI	14 31 N	04 06 W	272		978.3	1008.0	32.4		10.0		0	T			80
NIORO DU SAHEL	15 14 N	09 21 W	237		981.6	1007.8	31.2		7.7		1	3		4	
KAYES	14 26 N	11 26 W	47		1003.3	1008.4	32.9		12.6		0	0		4	140
KENIEBA	12 51 N	11 14 W	132		992.9	1010.8	33.0		14.0		0	0		1	90
KITA	13 04 N	09 28 W	334			1007.2	32.4		9.7		1	1		4	
BAMAKO/SENOU	12 32 N	07 57 W	381		964.9	1006.4	31.6		13.6		2	39			
SEGOU	13 24 N	06 09 W	289		975.8	1007.4	31.8		18.4		1	0		4	25
SAN	13 20 N	04 50 W	284		976.4	1007.4	32.6		13.2		0	0		2	
KOUTIALA	12 23 N	05 28 W	367		966.2	1006.3	31.4		14.1		0	0		6	
BOUGOUNI	11 25 N	07 30 W	351		969.3	1007.5	30.8		16.4		1	3		1	80
SIKASSO	11 21 N	05 41 W	375		966.0	1007.0	30.4		20.3		6	23		2	80
NIGER															
BILMA	18 41 N	12 55 E	357		1009.9	1026.8									
AGADEZ	16 58 N	07 59 E	502		953.6	1008.6	28.6		4.8		0	0		5	100
N GUIGMI	14 15 N	13 07 E	286		976.0	1007.7	30.0		6.0		0	0		5	85
MAINE-SOROA	13 14 N	11 59 E	337		970.5	1007.5	30.9		4.5		0	0		5	95
ZINDER	13 47 N	08 59 E	453		958.4	1007.9	30.7		4.7		0	T		4	90
MAGARIA	12 59 N	08 56 E	403		964.7	1009.0	30.0		7.8		0	0		5	
MARADI	13 28 N	07 05 E	373		966.8	1007.6	30.9		6.6		2	2		4	45
BIRNI-N KONNI	13 48 N	05 15 E	273		977.1	1007.7	32.6		7.7		0	0		3	70
TAHOUA	14 54 N	05 15 E	391		965.4	1008.1	31.6		3.8		0	0		5	90
TILLABERY	14 12 N	01 27 E	210		984.2	1007.3	33.3		8.6		0	0		3	75
NIAMEY-AERO	13 29 N	02 10 E	234		982.2	1007.0	33.3		8.1		0	0		2	80
GAYA	11 53 N	03 27 E	203		983.3	1005.4	33.9		14.7		1	8		3	80
SIERRA LEONE															
LUNGI	08 37 N	13 12 W	27	30	1005.9	1008.8	26.8	- 1.1	27.0	-1.3	0	T	- 59		65
NJALA	08 06 N	12 06 W	56	30	1000.8	1006.0	28.8	+ 0.9	27.6	-0.9	5	59	- 65		74
BO	07 57 N	11 46 W	93	30	999.8	1010.8	27.7	0.0	26.9	-1.0	6	111	- 22		100
KABALA	09 35 N	11 33 W	464	30	958.1	1009.2	27.5	+ 0.1	22.7	-1.0	4	75	- 25		141
DARU	07 59 N	10 51 W	186	30	987.4	1008.5	27.7	+ 0.2	26.9	-0.9	11	122	- 50		119
LIBERIA															
ROBERTS FIELD	06 15 N	10 21 W	18	30	1008.7	1009.7	27.1	+ 0.3	29.3	0.0	7	89	- 51		
UPPER VOLTA															
DORI	14 02 N	00 02 W	277		977.1	1007.5	32.5		12.7		0	0		3	
OUAHIGOUYA	13 34 N	02 25 W	336		970.3	1006.9	32.8				1	4		4	
OUAGADOUGOU	12 21 N	01 31 W	306		973.4	1006.7	32.9		16.0		2	5		1	100
FADA N GOURMA	12 02 N	00 22 E	309		973.4	1007.1	33.0		15.5		0	0		0	
BOROMO	11 45 N	02 56 W	271		977.5	1007.3	32.2		18.2		5	37		4	
BOBO-DIOULASSO	11 10 N	04 19 W	460		957.4	1007.6	30.4		18.2		3	6		1	
GAOUA	10 20 N	03 11 W	335		971.0	1007.8	29.9		23.9		5	121		5	
BENIN															
PARAKOU	09 21 N	02 37 E	393		965.2	1008.4	28.7		24.0		3	23			
TOGO															
MANGO	10 22 N	00 28 E	146		991.1	1007.2	31.4		26.1		3	86		5	

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	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
AFRICA															
TOGO															
SOKODE	08 59 N	01 09 E	387		965.3	1008.8	27.0		26.3		12	82		2	
ATAKPAME	07 35 N	01 07 E	402		964.8	1009.0	26.5		26.2		5	106		2	
TABLIGBO	06 35 N	01 30 E	44		1004.4	1009.5	27.7		26.1		11	265		5	
LOME	06 10 N	01 15 E	25		1006.9	1009.7	28.3		31.4		5	126		4	
UNITED REP OF CAMEROON															
DOUALA R.S.	04 01 N	09 42 E	15			U									
CONGO															
IMPFONDO	01 37 N	18 04 E	326		974.0	1008.8	25.6		27.4		11	231			
BRAZZAVILLE/MAYA-MAYA	04 15 S	15 15 E	316		973.6	1008.7	25.8		26.3		15	226		6	110
LOUBOMO	04 12 S	12 42 E	330		974.0	1010.8	25.5		26.9		10	254		4	105
POINTE-NOIRE	04 49 S	11 54 E	17		1008.0	1010.0	26.9		29.7		10	299		5	110
CENTRAL AFRICAN REP															
BIRAO	10 17 N	22 47 E	464		955.5	1005.5	30.6		14.7		0	0			
N DELE	08 04 N	20 39 E	511		951.1	1006.7	28.7		21.0		5	20		2	
BRIA	06 32 N	21 59 E	584		944.0	1007.3	25.8		25.0		10	46			
YALINGA	06 30 N	23 16 E	602		941.6	1007.0	24.7		24.5		10	139			
BAMBARI	05 51 N	20 39 E	475		955.7	1007.6	25.8		25.7		10	96			
ALINDAO	05 03 N	21 12 E	449		958.4	1007.6	25.8		26.0		12	154			
BANGASSOU	04 44 N	22 50 E	500		953.2	1007.8	25.7		25.6		15	107		2	71
OBO	05 24 N	26 30 E	651		937.0	1007.4	25.0		23.9		11	155			
BOSSANGOA	06 29 N	17 26 E	465		956.0	1006.7	27.6		24.7		7	44		2	96
BOUAR	05 58 N	15 38 E	1020		898.6	1500 Y	23.3		21.4		7	109			
BOSSEMBELE	05 16 N	17 38 E	674		934.5	1007.2	25.4		24.8		6	65			
BERBERATI	04 15 N	15 48 E	583	30	944.2	1008.4	24.5		25.6		10	92			71
BANGUI	04 24 N	18 31 E	366		967.8	1008.5	25.9		27.0		10	190		5	88
KENYA															
MOYALE	03 32 N	39 03 E	1113	30			22.1	- 0.6	22.0	+1.2	22	166	- 18	3	
ELDORET	00 32 N	35 17 E	2133	30	789.2	1481 Y	17.2		14.2		20	194	+ 56	5	93
NAIROBI/KENYATTA AIRPORT	01 19 S	36 55 E	1624	30	838.6	1503 Y	19.8	- 0.4	17.0	-0.4	16	190	+ 46		89
GARISSA	00 28 S	39 38 E	147	30	992.7	1009.0	29.9	- 0.2	25.0	-1.1	6	34	- 20	3	
MALINDI	03 14 S	40 06 E	23	30	1007.7	1010.3	27.1	- 0.4	28.8	-0.9	8	207	+ 58	5	107
ETHIOPIA															
ASMARA	15 17 N	38 55 E	2325	30	770.9		15.0		10.6		10	64			89
GONDAR	12 32 N	37 26 E	1966	29	803.4		21.5		9.1		7	62			
COMBOLCHA	11 05 N	39 43 E	1916	30	815.2		16.3		14.5		12	234			54
ADDIS ABABA	08 59 N	38 48 E	2324	30			17.1				14	96			79
DIRE DAWA	09 36 N	41 52 E	1146	30	884.3		25.6		18.4		15	147			90
GORE	08 10 N	35 33 E	1974	30			19.2		14.2		11	155			
JIMMA	07 40 N	36 50 E	1577	30	829.6		20.2		15.5		15	148			97
NEGHELLI	05 17 N	39 45 E	1455	30			19.3		17.7		19	222			
ZIMBABWE															
BULAWAYO/GOETZ OBS	20 09 S	28 37 E	1344	30	869.1	1533 Y	19.1	+ 0.2	11.4	-1.5	1	4	- 17	2	114
HARARE (BELVEDERE)	17 50 S	31 01 E	1472	30	855.5	1531 Y	17.1	- 1.6	13.2	-0.4	1	5	- 31	1	103
CHIPINGA	20 12 S	32 37 E	1132	30	891.1	1533 Y	18.1	- 0.5	14.7	-1.3	7	34	- 16	2	101
ZAMBIA															
LUSAKA CITY AIRPORT	15 25 S	28 19 E	1280			U									
MALAWI															
KAMUZU INT.AP	13 47 S	33 46 E	1229	30	880.4	1520 Y	18.7		17.2		5	47			
CHILEKA	15 41 S	34 58 E	767	30	928.2	1519 Y	21.5	- 0.5	19.3		7	77	+ 37		60
ANGOLA															
LUANDA	08 51 S	13 14 E	70		1002.7	1007.6	27.6		29.9		7	48		1	
MOCAMEDES	15 12 S	12 09 E	45		1004.4	1008.2	22.8		24.6		3	6		3	
MALANGE	09 33 S	16 22 E	1142		883.1	1150.4	22.5		20.4		11	227		4	
LUENA (LUSO)	11 47 S	19 55 E	1357		866.1	1152.1	23.3		17.0		7	36		2	
MADAGASCAR															
DIEGO-SUAREZ	12 21 S	49 18 E	105	30	999.5	1011.4	26.3	+ 0.3	25.9	0.0	3	10	- 47	2	126
TULEAR	23 23 S	43 44 E	8	30	1012.4	1013.3	24.7	0.0	22.4	-0.8	1	2	- 8	2	90
TAMATAVE	18 07 S	49 24 E	6	30	1014.9	1014.3	24.4	0.0	27.2	+0.9	23	490	+130	5	97
ANTANANARIVO/IVATO	18 48 S	47 29 E	1276	30	875.2	1525 Y	18.5	- 0.6	17.0	-0.2	6	55	+ 11	4	100
SEYCHELLES															
SEYCHELLES INTERNATIONAL AP	04 41 S	55 32 E	4			U									
MOZAMBIQUE															
LICHINGA	13 17 S	35 15 E	1365	30	866.4	1526 Y	18.3	- 1.3	17.5	-0.6	8	23	- 52		117
TETE	16 11 S	33 35 E	150	30	997.0	1014.4	25.8	- 1.1	22.4	-1.8	2	13	- 29		
NAMPULA	15 06 S	39 17 E	441	30	963.4	1013.5	22.9	- 1.7	23.2	-0.7	13	132	+ 46		99
PEMBA	12 58 S	40 30 E	50	30	1001.2	1012.4	25.8	- 1.3	26.7	-0.5	10	71	- 57		122
QUELIMANE	17 53 S	36 53 E	16	30	1012.8	1014.7	24.9	- 1.5	25.3	-1.3	10	218	+103	5	98
BEIRA	19 48 S	34 54 E	16	30	1013.1	1014.9	25.0	- 0.6	24.2	-0.9	10	168	+ 51	5	104
INHAMBANE	23 52 S	35 23 E	15	30	1014.6	1016.2	24.2	- 1.0	23.3	+0.1	8	52	- 15	3	118
MAPUTO/MAVALANE	25 55 S	32 34 E	44	30	1011.6	1016.8	24.3	+ 0.6	22.0	+0.2	6	21	- 47		116

SURFACE DATA

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
AFRICA															
OCEAN ISLANDS															
AGALEGA/MAURITIUS	10 26 S	56 45 E	3		1008.5	1008.8	27.8	+ 0.3	30.9	+0.6	12	74	- 86	1	
ILES GLORIEUSES	11 35 S	47 17 E	3	30	1011.8	1012.3	27.8		29.0		8	162			
SERGE-FROLOW/ILE TROMELIN	15 53 S	54 31 E	13	30	1010.1	1011.5	26.9		28.1		16	133			
ST. BRANDON/ST. RAPHAEL/	16 27 S	59 37 E	4		1011.3	1011.6	26.8	- 0.5	29.1	+0.4	10	133	+ 37	4	
ILE JUAN DE NOVA	17 03 S	42 42 E	10	30	1010.7	1011.9	27.4		27.3		6	41			
RODRIGUES/MAURITIUS	19 41 S	63 25 E	59		1007.2	1013.5	25.4	- 0.3	26.0	+0.4	18	523	+394	5	96
VACOAS/MAURITIUS	20 18 S	57 30 E	425			U									
PLAISANCE/MAURITIUS	20 26 S	57 40 E	57		1007.6	1013.9	24.8	+ 0.2	25.1	-0.7	18	97	-118	1	88
ST. DENIS/GILLOT, REUNION	20 53 S	55 31 E	25	30	1011.1	1014.0	24.8		23.5		14	140		3	95
ILE EUROPA	22 19 S	40 20 E	13	30	1013.0	1014.5	25.1		23.5		2	5		2	100
MARTIN DE VIVIES (ILE AMSTER	37 48 S	77 32 E	29	30	1017.2	1020.7	15.7		14.6		10	129			
ALFRED FAURE (ILES CROZET)	46 26 S	51 52 E	142	30	997.5	1014.9	7.1		9.2		17	132			
PORT-AUX-FRANCAIS/KERGUELEN	49 21 S	70 15 E	30	30	1003.6	1007.3	6.3		7.7		6	16			
SOUTH AFRICA															
PRETORIA/IRENE	25 55 S	28 13 E	1500			U									
ASIA															
USSR-WESTERN															
HOSEDA-HARD	67 05 N	59 23 E	81		995.8	1006.7	-10.6		2.4		9	22		4	55
NAR JAN-MAR	67 39 N	53 01 E	7		1004.5	1005.8	- 9.0		2.8		10	24		4	115
SYKTYVKAR	61 40 N	50 51 E	96		990.7	1005.5	- 0.4		4.4		12	46		5	90
USSR-EASTERN															
OLENEK	68 30 N	112 26 E	127			U									
VERHOJANSK	67 33 N	133 23 E	137			U									
CITA	52 01 N	113 20 E	685			U									
HONG KONG															
ROYAL OBSERVATORY	22 18 N	114 10 E	62	30	1004.5	1011.9	20.5	- 1.6	19.9	-2.5	11	271	+132	5	68
KINGS PARK	22 19 N	114 10 E	66			U									
REPUBLIC OF KOREA															
KANGNUNG	37 45 N	128 54 E	27	30	1010.7	1014.0	12.0	+ 0.5	7.9	-0.5	7	86	+ 5	4	89
INCHON	37 29 N	126 38 E	70	30	1005.8	1014.3	10.3	+ 0.1	8.7	0.0	7	77	- 20	3	100
PUSAN	35 06 N	129 02 E	71	30	1005.6	1014.1	13.0	+ 0.3	9.9	-0.1	7	118	- 34	2	117
MOKPO	34 47 N	126 23 E	56	30	1008.1	1014.9	12.1	+ 0.3	10.0	-0.3	8	99	- 9	3	115
JAPAN															
WAKKANAI	45 25 N	141 41 E	11	30	1013.0	1014.3	4.9	+ 0.6	6.8	+0.6	8	26	- 33	1	110
ASAHIKAWA	43 46 N	142 22 E	116	30	1000.8	1015.0	6.8	+ 2.1	6.7	+0.8	6	57	- 8	3	112
ABASHIRI	44 01 N	144 17 E	43	30	1009.9	1015.1	5.3	+ 1.3	6.3	+0.6	5	29	- 20	1	107
SAPPORO	43 03 N	141 20 E	19	30	1012.7	1015.0	7.6	+ 1.4	6.9	+0.7	6	55	- 10	3	104
NEMURO	43 20 N	145 35 E	26	30	1012.9	1016.2	4.0	+ 0.9	6.7	+0.6	7	60	- 23	1	88
URAKAWA	42 10 N	142 47 E	33	30	1011.8	1015.9	5.3	+ 0.5	7.4	+0.6	7	64	- 32	1	83
AKITA	39 43 N	140 06 E	10	30	1014.2	1015.4	10.3	+ 1.5	8.9	+0.7	10	98	- 41	1	93
MIYAKO	39 39 N	141 58 E	47	30	1010.1	1015.8	9.0	+ 0.3	8.0	+0.7	8	46	- 28	1	90
SENDAI	38 16 N	140 54 E	43	30	1011.0	1016.2	9.9	- 0.1	8.9	+0.7	11	116	+ 34	5	78
WAJIMA	37 23 N	136 54 E	6	30	1014.1	1014.9	11.0	+ 0.5	9.8	+0.5	11	80	- 60	1	109
NIIGATA	37 55 N	139 03 E	6	30	1014.6	1015.4	11.9	+ 1.2	9.7	+0.7	8	81	- 15	2	114
KANAZAWA	36 33 N	136 39 E	28	30	1011.5	1014.8	12.7	+ 0.8	10.0	+0.2	12	126	- 31	2	114
MATSUMOTO	36 15 N	137 58 E	611	30	943.3	1014.5	11.0	+ 0.8	7.9	+0.2	9	122	+ 27	5	113
MAEBASHI	36 24 N	139 04 E	113	30	1001.8	1015.3	13.3	+ 0.9	9.9	+0.9	13	125	+ 48	5	109
NAGOYA	35 10 N	136 58 E	56	30	1008.0	1014.7	14.7	+ 1.2	10.7	+0.2	11	203	+ 50	5	113
TATENO	36 03 N	140 08 E	31			U									
CHOSHI	35 43 N	140 51 E	28	30	1011.8	1015.1	1.3	- 1.1	9.6	-2.2	12	165	+ 31	3	105
OMAEZAKI	34 36 N	138 13 E	47	30	1008.8	1014.4	14.9	+ 0.7	13.0	+0.4	11	170	- 24	2	115
TOKYO	35 41 N	139 46 E	36	30	1010.9	1015.2	14.2	+ 0.3	11.2	+0.7	14	202	+ 74	5	110
HACHIJOJIMA	33 06 N	139 47 E	80	30	1004.6	1014.1	16.4	+ 0.1	14.3	-0.1	13	533	+282	5	130
HACHIJOJIMA/OMURE	33 07 N	139 47 E	153			U									
YONAGO	35 26 N	133 21 E	8	30	1013.5	1014.4	12.3	0.0	10.2	-0.2	13	194	+ 72	6	118
HIROSHIMA	34 22 N	132 26 E	30	30	1010.7	1014.3	13.8	+ 0.5	11.0	+0.1	12	179	+ 5	3	124
OSAKA	34 41 N	135 31 E	50	30	1008.5	1014.4	15.5	+ 1.0	10.5	-0.2	11	192	+ 47	4	126
SHIONOMISAKI	33 27 N	135 46 E	75	30	1005.0	1013.9	15.7	+ 0.4	13.2	+0.2	11	322	+ 53	4	119
IZUHARA	34 12 N	129 18 E	22	30	1011.9	1014.5	12.9	- 0.4	11.3	+0.2	8	202	- 22	3	113
FUKUOKA	33 35 N	130 23 E	14	30	1012.4	1014.1	14.5	+ 0.3	11.8	+0.1	11	113	- 32	2	121
OITA	33 14 N	131 37 E	13	30	1012.7	1014.2	14.1	+ 0.3	11.2	-0.6	8	173	+ 31	4	123
NAGASAKI	32 44 N	129 52 E	35	30	1009.7	1013.9	15.2	+ 0.2	12.3	-0.2	9	130	- 72	1	122
KAGOSHIMA	31 34 N	130 33 E	5	30	1013.0	1013.6	16.9	+ 0.8	13.2	-0.8	5	96	-160	1	137
KAGOSHIMA/YOSHINO	31 38 N	130 35 E	283			U									
MIYAZAKI	31 55 N	131 25 E	7	30	1012.5	1013.4	16.5	+ 0.7	13.6	-0.5	4	148	- 76	1	126
KOCHI	33 33 N	133 32 E	18	30	1011.7	1013.8	15.9	+ 0.5	12.0	-0.7	14	397	+ 92	4	123
SHIMIZU/ASHIZURI	32 43 N	133 01 E	33	30	1009.6	1013.5	17.0	+ 0.5	13.6	0.0	10	257	+ 10	3	127
NAZE	28 23 N	129 30 E	7	30	1012.7	1013.6	19.4	- 0.6	16.1	-1.6	10	166	- 54	3	136
NAZE/FUNCHATOGE	28 23 N	129 33 E	295			U									
ISHIGAKIJIMA	24 20 N	124 10 E	7	30	1011.8	1012.6	22.4	- 0.6	20.2	-2.8	8	18	-123	2	98
MIYAKOJIMA	24 47 N	125 17 E	41	30	1008.0	1012.7	21.3	- 0.8	19.7	-2.4	9	231	+ 53	4	106
NAHA	26 14 N	127 41 E	36	30	1009.2	1013.4	20.2	- 0.8	17.8	-2.3	9	153	- 15	3	122
MINAMIDAITOJIMA	25 50 N	131 14 E	15	30	1011.4	1013.3	20.4	- 1.1	18.8	-2.1	8	287	+180	6	113
CHICHIJIMA	27 05 N	142 11 E	4			U									
MINAMITORISHIMA	24 18 N	153 58 E	9			U									

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE: MEAN STATION	PRESSURE: MEAN SEA LEVEL	TEMPERATURE: MEAN	TEMPERATURE: DEPARTURE	VAPOR PRESSURE: MEAN	VAPOR PRESSURE: DEPARTURE	PRECIPITATION: NO. OF DAYS ≥ MM.	PRECIPITATION: TOTAL	PRECIPITATION: DEPARTURE	PRECIPITATION: QUINTILE	SUN-SHINE: PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
ISRAEL															
BET DAGAN	32 00 N	34 49 E	30			U									
JERUSALEM	31 47 N	35 13 E	809	30	927.4	1486 Y	14.4		9.6		3	41		5	91
JORDAN															
H-4 'IRWAISHED	32 30 N	38 12 E	688	30	933.8	1010.2	18.3		9.4		0	1			108
MAFRAQ	32 22 N	36 15 E	687			U									
AMMAN AIRPORT	31 59 N	35 59 E	768	30	924.0	1012.1	15.6	- 0.6	9.2	+0.3	1	2	- 11	1	80
MA'AN	30 10 N	35 47 E	1070	30	893.1	1517 Y	16.6		8.1		1	2			103
KUWAIT															
KUWAIT INTL AIRPORT	29 13 N	47 59 E	55	30	1004.6	1011.2	25.5	+ 0.8	9.6	-2.5	2	10	- 7		
OMAN															
MASIRAH	20 40 N	58 54 E				U									
BAHRAIN															
BAHRAIN MUHARRAQ	26 16 N	50 37 E	2	30	1010.7	1010.9	25.2	- 0.4	20.1	-0.3	0	T	- 6	2	
UNITED ARAB EMIRATES															
ABU DHABI BATEEN AP	24 26 N	54 28 E	3	30	1009.6	1010.1	25.9	- 0.5	18.7	0.0	0	1	- 5	3	107
ABU DHABI NEW INT AIRPORT	24 26 N	54 39 E	27	30	1006.9	1009.7	25.7		17.7		0	1			
AFGHANISTAN															
MAZARI-SHARIF	36 42 N	67 12 E	378	30	968.0	1013.0	19.3	+ 1.4	15.5	+3.0	3	34	+ 6	3	131
KABUL-AIRPORT	34 33 N	69 13 E	1791	30	818.8	1474 Y	14.6	+ 1.8	8.4	+0.1	9	52	- 20	2	109
KANDAHAR-AIRPORT	31 30 N	65 51 E	1010	30	903.2	1008.0	21.8	+ 1.6	6.3	-2.7	1	6	- 13	3	105
CHAKHCHARAN	34 32 N	65 16 E	2230	30	775.3	1452 Y	9.8	+ 0.5	6.0	0.0	10	52	+ 17	4	93
PAKISTAN															
PARACHINAR	33 52 N	70 05 E	1726	30	824.7	1467 Y	15.7	+ 0.4	8.7	+0.4	13	108	+ 4		
PESHAWAR	34 01 N	71 35 E	360	30	965.3	1005.3	24.4	+ 1.5	15.1	+2.4	5	30	- 12	3	92
ZHOB	31 21 N	69 28 E	1407	30	854.7	1452 Y	19.8	- 0.1	10.1	+2.6	4	21	- 6	3	
DERA ISMAIL KHAN	31 49 N	70 55 E	173	30	985.1	1004.0	25.7	- 0.6	15.7	+0.4	5	26	+ 6	4	
SARGODHA	32 03 N	72 40 E	188			U									
JHELUM	32 56 N	73 43 E	234	30	978.4	1004.6	26.1	+ 0.4	15.1		6	46			
LAHORE CITY	31 33 N	74 20 E	215	30	980.7	1004.6	27.1	+ 0.5	14.8	+1.5	5	28	+ 12	4	101
QUETTA AIRPORT	30 15 N	66 53 E	1589	30	836.6	1453 Y	17.2	+ 1.3	7.7	-1.6	5	89	+ 77	6	92
MULTAN	30 12 N	71 26 E	123	30	990.7	1004.5	27.3	- 1.1	17.3	+2.4	3	59	+ 53	6	
DALBANDIN	28 53 N	64 24 E	850	30	912.5	1465 Y	24.2	+ 1.1	6.5	-3.0	1	6	+ 1	3	
JACOBADAD	28 18 N	68 28 E	56	30	997.5	1003.7	29.9	0.0	14.3	+0.5	2	9	+ 7	5	102
PANJGUR	26 58 N	64 06 E	981	30	899.7	1473 Y	23.3	+ 1.1	13.9	+2.8	2	7	- 1	4	
CHHOR	25 31 N	69 47 E	6	30	1003.7	1004.4	29.5		18.3		0	0			
JIWANI	25 04 N	61 48 E	57	30	1000.9	1007.1	26.5		23.3		0	0			
HYDERABAD	25 23 N	68 25 E	30	30	1001.7	1005.1	30.1	- 0.7	17.7	+1.9	1	31	+ 29	6	
KARACHI AIRPORT	24 54 N	67 08 E	22	30	1004.1	1006.6	27.5	- 0.5	24.9	+3.0	2	48	+ 46	5	98
BANGLADESH															
BOGRA	24 51 N	89 22 E	20		1002.8	1005.1	31.8		29.6		4	49			
SYLHET	24 54 N	91 53 E	35		1001.7	1005.9	25.8		25.9		5	4			
DACCA	23 46 N	90 23 E	9		1003.4	1004.5	29.1		28.7		11	176			
JESSORE	23 13 N	89 10 E	7		1003.4	1004.1	31.3		29.1		5	4			
CHITTAGONG AMBAGAN	22 21 N	91 49 E	14			U									
CHITTAGONG/PATENGA	22 16 N	91 49 E	6		1006.2	1007.1	29.0		30.0		9	133			
COX'S BAZAR	21 26 N	91 58 E	4		1006.4	1006.8	28.9		30.5		7	133			
INDIA															
SRINAGAR	34 05 N	74 50 E	1587	30	840.0	1485 Y	14.8	+ 1.4	8.8	-1.2	7	59	- 19	2	90
AMRITSAR	31 38 N	74 52 E	234	30	978.5	1004.6	25.4	+ 0.2	16.7	+4.4	6	39	+ 31		100
MUKTESWAR KUMAON	29 28 N	79 39 E	2311	30	771.3	3126 Z	16.5	+ 1.0	7.7	+1.2	3	39	+ 5	3	
BIKANER	28 00 N	73 18 E	224	30	980.5	1005.2	30.4	+ 0.8	10.5	+1.5	2	6	+ 1	5	
NEW DELHI/SAFDARJUNG	28 35 N	77 12 E	216	30	979.8	1003.7	29.3	+ 0.2	13.9	+3.6	4	19	+ 12	5	99
AGRA	27 10 N	78 02 E	169	30	985.8	1004.6	30.8	+ 1.1	16.6	+5.5	2	15	+ 10	5	
DIBRUGARH/MOHANBARI	27 29 N	95 01 E	111	30	993.9	1006.5	23.1	- 0.2	22.1	+0.2	17	340	+136	5	
LUCKNOW/AMAUSI	26 45 N	80 53 E	128			U									
GAUHATI	26 06 N	91 35 E	54	30	998.9	1005.1	25.7	+ 0.2	24.3	+2.2	9	130	- 41	2	
KOTA AERODROME	25 09 N	75 51 E	274	30	974.4	1004.2	32.7	+ 1.3	9.6	+1.0	2	2	+ 1		
ALLAHABAD/BAMHRAULI	25 27 N	81 44 E	98	30	992.4	1003.1	29.9	- 0.8	9.9	-0.8	4	17	+ 12	5	
CHERRAPUNJI	25 15 N	91 44 E	1313	30	866.0	1473 Y	17.9	- 0.7	18.6	+1.4	21	1040	+435	5	
DALTONGANJ	24 03 N	84 04 E	221	30	978.6	1005.7	31.1	+ 2.4	14.6	+1.7	2	3	- 6	3	
AHMADABAD	23 04 N	72 38 E	55	30	1000.4	1006.6	30.8	- 0.5	15.5	+0.6	0	1	- 1	4	102
SAGAR	23 51 N	78 45 E	551	30	944.3	1003.5	30.8	+ 0.5	12.1	+2.6	1	5	+ 1	4	
DWARKA	22 22 N	69 05 E	11	30			27.6	+ 0.4	28.1	+0.3	0	0	+ 0	5	
INDORE	22 43 N	75 48 E	567	30	943.8	1004.9	29.6	+ 0.5	9.3	-1.1	1	19	+ 16	5	
CALCUTTA/ALIPORE	22 32 N	88 20 E	6	30	1003.4	1004.1	31.2	+ 1.1	27.8	+0.3	2	49	+ 6	4	90
CALCUTTA/DUM DUM	22 39 N	88 27 E	6			U									
NAGPUR/SONEGAON	21 06 N	79 03 E	310	30	970.1	1003.7	32.8	+ 1.0	9.9	-4.9	2	11	- 9	3	110
VERAVAL	20 54 N	70 22 E	8	30	1006.8	1007.7	26.7	0.0	28.3	+0.6	0	0	- 5	5	
AKOLA	20 42 N	77 02 E	282	30	973.8	1004.4	32.7	+ 0.2	10.2	-1.5	1	10	+ 3	5	
BHUBANESWAR	20 15 N	85 50 E	46	30	999.7	1004.8	31.9	+ 0.4	29.9	+2.4	1	8	- 12		
BOMBAY/SANTACRUZ	19 07 N	72 51 E	14			U									
JAGDALPUR	19 05 N	82 02 E	553	30	944.7	1003.7	30.4	+ 0.9	16.3	-0.8	1	2	- 49	1	
BOMBAY/COLABA	18 54 N	72 49 E	11	30	1006.7	1007.9	28.6	- 0.1	27.2	-0.4	0	T	- 3	4	103

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
INDIA															
POONA	18 32 N	73 51 E	559	30	945.6	1006.2	27.8	- 0.6	13.9	-0.3	2	11	- 7	3	112
HYDERABAD AIRPORT	17 27 N	78 28 E	545	30	945.7	1003.9	21.8	+ 1.5	14.6	-4.6	1	3	- 20	1	105
VISHAKHAPATNAM	17 43 N	83 14 E	3	30	1005.5	1005.9	31.5	+ 0.9	28.9	-4.6	1	3	- 10	3	
MACHILIPATNAM (FRANCHPET)	16 12 N	81 09 E	3	30	1005.4	1005.7	30.9	+ 1.0	32.1	+1.6	0	0	- 18	2	
GOA/PANJIM	15 29 N	73 49 E	60	30	1001.0	1007.7	29.1	- 0.1	28.0		2	10	- 8	4	
BELGAUM/SAMBRA	15 51 N	74 37 E	747	30	925.5	1005.7	27.9	0.0	18.3	-0.8	4	22	- 24		
MADRAS/MINAMBAKKAM	13 00 N	80 11 E	16	30	1004.5	1006.1	31.5	+ 1.0	30.0	-0.3	3	26	+ 1	4	103
PANAMBUR	12 57 N	74 50 E	31			U									
BANGALORE	12 58 N	77 35 E	921	30	907.3	1497 Y	28.1	+ 0.8	19.4	+1.8	4	10	- 36	2	99
KOZHIKODE	11 15 N	75 47 E	5	30	1007.5	1008.1	29.9	+ 0.6	31.3	+0.2	3	17	- 94	1	
PORT BLAIR	11 40 N	92 43 E	79	30	999.3	1008.1	28.2	- 0.4	28.6	-1.1	2	28	- 37		90
COCHIN/WILLINGDON	09 57 N	76 16 E	3			U									
PAMBAN	09 16 N	79 18 E	11	30	1005.7	1006.9	31.1	+ 1.6	32.8	+0.8	1	15	- 53	1	
MINICOY	08 18 N	73 09 E	2	30	1008.1	1008.3	30.2	+ 1.5	31.1	+0.3	5	23	- 29	2	
TRIVANDRUM	08 29 N	76 57 E	64	30	1000.6	1007.8	29.5	+ 1.2	30.7	+1.0	6	87	- 35	2	109
SRI LANKA															
MANNAR	08 59 N	79 55 E	3		1007.1	1007.5	29.5	+ 0.5							
TRINCOMALEE	08 35 N	81 15 E	7		998.6	1007.4	30.1	+ 1.4	32.5	+3.3	5	44	- 33	2	
COLOMBO	06 54 N	79 52 E	7		1007.7	1008.4	28.7	+ 1.0	31.5	+1.7	8	76	-184	1	
HAMBANTOTA	06 07 N	81 08 E	20		1005.9	1007.5	28.5	+ 0.7	32.3	+2.4	5	53	- 56	2	
MONGOLIA															
ULAN-GOM	49 48 N	92 05 E	936		907.8	1019.2	1.8		4.3		1	1			
ULGI	48 58 N	89 58 E	1714		824.0	1014.3	3.5		4.7			T			
MUREN	49 38 N	100 10 E	1288		867.1	1014.2	4.1		4.4		9	8			
BULGAN	48 48 N	103 33 E	1210		872.1	1001.8	1.8		6.1		4	26			
CHOIBALSAN	48 04 N	114 30 E	756		923.6	1009.6	1.1		4.2		4	7			
ALTAI	46 24 N	96 15 E	2147		778.4	1010.9	1.1		2.9		3	6			
ULIASTAI	47 45 N	96 51 E	1753		817.3	1011.8	2.3		2.8		2	3			
ARBAIHER	46 16 N	102 47 E	1813		812.4	1013.0	2.3		3.1		1	1			
ULAN-BATOR	47 56 N	106 59 E	1338		864.0	1011.2	- 7.1		4.2		6	20			
MANDALGOVI	45 46 N	106 17 E	1398		854.5	1011.0	5.7		3.4		1	5			
SAINSHAND	44 54 N	110 07 E	936		903.8	1011.2	5.6		4.2		5	5			
DALANZADGAD	43 35 N	104 25 E	1470		848.2	1011.6	6.7		3.0		2	11			
BURMA															
MEIKTILA	20 50 N	95 50 E	220			U									
THAILAND															
CHIANGMAI	18 47 N	98 59 E	314	30	970.7	1005.4	30.0	+ 0.1	24.7	+0.9	4	123	+ 74	5	88
UDON THANI	17 23 N	102 48 E	182	30	985.6	1005.8	29.7	- 0.7	25.9	-3.1	4	124	+ 52	4	
PHITSANULOK	16 47 N	100 16 E	45	30	1000.9	1006.0	31.4	+ 0.5	27.5	-2.0	5	51	- 24	3	92
NAKHON SAWAN	15 48 N	100 10 E	35	30	1002.2	1005.9	32.4	+ 1.2	28.8	-0.6	6	44	- 21	2	104
UBON RATCHATHANI	15 15 N	104 52 E	127			U									
NAKHON RATCHASIMA	14 58 N	102 05 E	188	30	985.2	1006.3	29.5	- 0.5	27.4	-2.1	8	77	- 6		
BANGKOK	13 44 N	100 34 E	20	30	1004.3	1006.6	30.6	+ 0.3	31.8	-1.4	4	61	- 28	2	90
ARANYAPRATHET	13 42 N	102 35 E	49	30	1001.5	1006.8	30.3	+ 0.1	31.8	+2.3	6	89	- 24		
CHANTHABURI	12 36 N	102 07 E	4	30	1006.7	1007.1	28.9	+ 0.4	31.4	-0.8	12	164	+ 22		90
PRACHUAP KHIRIKHAN	11 50 N	99 50 E	5	30	1006.0	1006.7	28.9	+ 0.1	28.8	-1.1	3	24	- 57		100
CHUMPHON	10 29 N	99 11 E	5	30	1006.8	1007.5	29.2	+ 0.7	31.6	+0.2	6	91	- 32		106
SONGKHLA	07 12 N	100 36 E	5	30	1006.4	1007.1	28.5	+ 0.1	28.4	-1.6	10	98	+ 7		87
MALAYSIA															
PENANG/BAYAN LEPAS	05 18 N	100 16 E	4	30	1007.4	1007.8	27.7	+ 0.1	31.7	+0.8	14	193	- 6	3	90
KOTA BHARU	06 10 N	102 17 E	5	30	1007.1	1007.7	27.4	- 0.3	30.5	+0.6	7	81	- 11	3	85
KUALA LUMPUR/SUBANG	03 07 N	101 33 E	17	30	1005.1	1007.6	27.0	+ 0.1	30.2	+0.1	12	134	-169	0	90
KUALA LUMPUR/PETALING JAYA	03 06 N	101 39 E	57			U									
KUANTAN	03 47 N	103 13 E	16	30	1006.3	1008.1	26.7	+ 0.2	29.9	+0.1	10	100	- 67	2	85
MALACCA	02 16 N	102 15 E	9	30	1007.1	1008.1	27.1	+ 0.3	30.6	+0.2	10	124	- 61	2	85
KUCHING	01 29 N	110 20 E	27	30	1005.6	1008.2	26.4	+ 0.3	29.5	+0.5	17	321	+ 36	4	120
KOTA KINABALU	05 56 N	116 03 E	7	30	1007.1	1007.5	27.7	+ 0.8	29.5	+0.2	9	175	+ 57	4	80
SINGAPORE															
SINGAPORE/CHANGI AIRPORT	01 22 N	103 59 E	16	30	1005.9	1007.7	27.5		30.5		11	111		2	94
PHILIPPINES															
BASCO	20 27 N	121 58 E	11	30	1007.6	1008.8	26.7	+ 0.5	28.1	0.0	12	188	+ 94	5	
APARRI	18 22 N	121 38 E	4	30	1008.1	1008.4	27.8	+ 0.2	31.7	+3.6	7	44	+ 5	4	
DAGUPAN	16 03 N	120 20 E	2	30	1007.8	1008.0	29.7	+ 0.1	31.7	+3.6	14	100	+ 13	5	
MANILA INT. AIRPORT	14 31 N	121 00 E	15	30	1007.9	1009.1	28.8	- 0.1	28.1	+1.7	5	24	+ 7	5	
TAYABAS	14 02 N	121 35 E	158	30	991.1	1008.2	24.7	- 2.2	29.8	+1.7	12	148	+ 39		
DAET	14 08 N	122 59 E	4	30	1007.9	1008.4	27.9	+ 0.4	2.9	0.0	12	206	+ 74	5	
CALAPAN	13 25 N	121 11 E	40	30	1004.0	1008.6	28.3	+ 0.2			15	274	+188		
LEGASPI	13 08 N	123 44 E	17	30	1006.0	1007.9	28.0	+ 0.7	31.7	+1.9	11	182	+ 9	4	
ROMBLON	12 35 N	122 16 E	47	30								83	+ 18		
CATARMAN	12 29 N	124 38 E	6	30	1006.6	1007.3	27.3	+ 0.7	28.1	0.0	17	161	+ 0		
CATBALOGAN	11 47 N	124 53 E	5	30								149	+ 42	4	
TACLOBAN	11 15 N	125 00 E	21	30	1007.1	1007.4	28.5	+ 1.0			15	117	+ 1	3	
ILOILO	10 42 N	122 34 E	8	30	1006.3	1007.2	28.8	+ 0.7	29.8	+1.7	9	268	+229	6	
MACTAN	10 18 N	123 58 E	9	30								65	+ 36		
PUERTO PRINCESA	09 45 N	118 44 E	16	30	1006.1	1007.9					0	0	- 42		

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STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE: MEAN STATION	PRESSURE: MEAN SEA LEVEL	TEMPERATURE: MEAN	TEMPERATURE: DEPARTURE	VAPOR PRESSURE: MEAN	VAPOR PRESSURE: DEPARTURE	PRECIPITATION: NO. OF DAYS ≥ MM.	PRECIPITATION: TOTAL	PRECIPITATION: DEPARTURE	PRECIPITATION: QUINTILE	SUNSHINE: PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
ASIA															
PHILIPPINES															
DIPLOG	08 36 N	123 21 E	5	30								355	+264	6	
TAGBILARAN	09 36 N	123 51 E	6	30	1006.6	1007.3	28.5	+ 0.8			9	74	+ 10		
CAGAYAN DE ORO	08 29 N	124 38 E	6	30	1005.4	1006.1	28.7	+ 1.2	31.7	+3.6	8	107	+ 75		
DAVAO AIRPORT	07 07 N	125 39 E	25	30								306	+166		
ZAMBOANGA	06 54 N	122 04 E	6	30	1007.0	1007.7	29.0	+ 1.5			14	36	- 23	1	
AUSTRALASIA															
INDONESIA															
SABANG/CUT BAU	05 52 N	95 19 E	126	30	995.6	1010.0	26.7		26.5		11	110	+ 0		
MEDAN/POLONIA	03 34 N	98 41 E	25	30	1004.7	1007.9	27.2		29.7		19	375	+212		
GUNUNG SITOLI/BINAKA	01 16 N	97 37 E	6	30	1007.7	1008.7	25.9		30.0		20	152			
PAKANBARU/SIMPANGTIGA	00 28 N	101 27 E	31	30	1003.7	1007.6	27.0		28.8		13	274			
TAREMPA	03 12 N	106 15 E	3	30	1004.6	1005.1	27.9		30.3		7	93	- 54		
PADANG/TABING	00 53 S	100 21 E	3	30	1008.4	1009.1	26.4		27.8		18	288	-124		
RENGAT/JAPURA	00 28 S	102 19 E	46	30	1006.6	1009.0	26.8		31.1		14	163	- 69		
JAMBI/PAALMERAH	01 38 S	103 39 E	25	30	1006.2	1009.4	26.7		28.9		17	310	+ 61		
PALEBANG/TALANGBETUTU	02 54 S	104 42 E	10	30	1007.0	1008.5	27.3		30.5		15	296	+ 54		
PANGKALPINANG	02 10 S	106 08 E	33	30	1003.9	1008.0	26.4		28.6		24	148	-118		
BELAWAN	03 48 N	98 42 E	3	30	1007.8	1008.4	27.3		31.4		14	108			
TELUKBETUNG/BERANTI	05 16 S	105 11 E	96	30	999.0	1000.9	27.7		26.7		12	123	- 58		
PONTIANAK/SUPADIO	00 09 S	109 24 E	3	30	1007.2	1007.9	26.9				17	144	-108		
JAKARTA/TANJUNG PRIOK	06 06 S	106 52 E	2	30	1007.7	1008.3	27.9		28.9		13	178			
JAKARTA/KEMAYORAN	06 09 S	106 51 E	5	30	1007.8	1008.5	27.3		29.9		11	242	+119		
JAKARTA/OBS	06 11 S	106 50 E	8	30	1007.4	1008.4	27.2		28.9		12	274	+133		
JAKARTA HALIM PERDANAKUSUMA	06 15 S	106 54 E	30	30	1006.8	1009.9	26.8		29.2		14	247			
TEGAL	06 51 S	109 09 E	10	30	1008.5	1009.2	27.2		30.2		12	215	+ 86		
CILACAP	07 44 S	109 01 E	6	30	1008.6	1009.6	27.4		29.7		15	257	- 56		
SEMARANG	06 58 S	110 25 E	3	30	1007.9	1008.3	27.3		29.5		15	151			
SURABAYA/JUANDA	07 22 S	112 46 E	3	30	1008.0	1008.7	27.3		27.7		17	129			
GORONTALO/JALALUDDIN	00 31 N	123 04 E	2	30	1004.1	1006.5	26.6		29.6		15	111	- 13		
KENDARI/WOLTERMONGINSIDI	04 06 S	122 26 E	50	30	1001.5	1007.1	27.7		33.3		13	230	+ 23		
UJUNG PANDANG/HASANUDDIN	05 04 S	119 33 E	14	30	1006.7	1007.6	26.4		29.4		12	248	+ 71		
DENPASAR/NGURAH-RAI	08 45 S	115 10 E	1	30	1008.0	1008.7	27.6		29.9		6	32	- 81		
SUMBAWA BESAR	08 26 S	117 25 E	3	30	1007.2	1007.9	26.9		28.3		11	148	+ 33		
WAINGAPU/MAU HAU	09 40 S	120 20 E	12	30	1007.2	1008.7	27.6		27.8		13	103	+ 49		
SORONG/JEFMAN	00 56 S	131 07 E	3	30	1007.4	1008.1	27.8		30.9		13	149	- 99		
MANOKWARI/RENDANI	00 53 S	134 03 E	3	30	1006.8	1007.1	26.7		29.6		15	225	- 96		
BIAK/MOKMER	01 11 S	136 07 E	11	30	1006.4	1007.9	27.0		30.5		16	158	- 71		
MERAUKE/MOPAH	08 28 S	140 23 E	3	30	1006.7	1007.0	26.7		29.1		34	148	- 43		
NEW ZEALAND															
KAITAIA AERODROME	35 04 S	173 17 E	79		1011.6	1021.0	16.6		15.0		12	152		4	76
AUCKLAND AERODROME	37 01 S	174 48 E	6		1022.6	1023.4	15.5		13.9		8	87		3	101
GISBORNE AERODROME	38 40 S	177 59 E	8		1023.6	1024.6	13.6		12.5		11	98		4	73
NEW PLYMOUTH AERODROME	39 01 S	174 11 E	36		1019.8	1023.6	14.3		12.4		8	102		3	102
WELLINGTON	41 17 S	174 46 E	128		1007.7	1023.4	13.8		12.2		5	45		1	129
CHRISTCHURCH AERODROME	43 29 S	172 33 E	34		1017.3	1021.6	13.0		10.4		2	10		0	143
HOKITIKA AERODROME	42 43 S	170 59 E	40		1017.6	1023.0	13.3		12.5		8	161		2	104
INVERCARGILL AERODROME	46 25 S	168 20 E	1		1020.6	1020.8	10.8		11.0		12	103		3	106
NORTH PACIFIC															
LIHUE, KAUAI, HAWAII	21 59 N	159 21 W	45	30	1012.9	1018.1	22.7	- 0.3				42	- 42		116
HONOLULU, OAHU, HAWAII	21 20 N	157 56 W	5	30	1016.6	1017.1	23.6	- 0.7				5	- 33		118
HILO/GEN. LYMAN, HAWAII	19 43 N	155 04 W	11	30	1016.3	1017.6	21.0	- 1.4				269	- 63		56
WAKE ISLAND	19 17 N	166 39 E	4	30	1012.9	1013.4	26.7	+ 1.0				212	+159		99
GUAM, TAGUAC, MARIANA IS.	13 33 N	144 50 E	111	30	996.6	1009.3	26.1	- 0.1				143	+ 38		52
YAP, CAROLINE ISLANDS	09 29 N	138 05 E	17	30	1006.4	1008.2	27.6	0.0				224	+ 58		83
KWAJALEIN, MARSHALL IS.	08 44 N	167 44 E	8	30	1008.1	1009.1	27.4	- 0.3				316	+123		
TRUK, CAROLINE ISLANDS	07 28 N	151 51 E	2	30	1008.1	1008.4	27.8	+ 0.3				416	+ 92		80
KOROR, PALAU ISLANDS	07 20 N	134 29 E	33	30	1004.4	1008.2	27.6	- 0.2				300	+ 41		72
MAJURO, MARSHALL ISLANDS	07 05 N	171 23 E	3	30	1008.8	1009.0	26.6	- 0.6				391	+ 88		76
PONAPE, CAROLINE ISLANDS	06 58 N	158 13 E	46	30	1002.4	1007.7	27.2	+ 0.1				615	+133		95
TARAWA, GILBERT ISLANDS	01 21 N	172 55 E	4		1007.8	1008.2	27.6		29.6		5	22		1	
SOUTH PACIFIC															
FUNAFUTI, ELLICE IS.	08 31 S	179 13 E	2		1008.1	1008.3	28.1		31.2		19	159		1	
ATUONA, MARQUESAS ISLAND	09 48 S	139 02 W	52	30	1004.5	1010.4	26.5		29.2		23	369		6	16
HIHIFO/AERO/WALLIS IS.	13 14 S	176 10 W	27	30	1006.4	1009.5	26.9	- 0.1	30.2	+0.2	18	460	+257	4	96
APIA, SAMOA	13 48 S	171 47 W	2		1009.2	1009.5	26.4		30.4		23	240		3	72
PAGO PAGO, SAMOA	14 20 S	170 43 W	3	30	1010.2	1010.5	27.1	+ 0.2				474	+188		100
RANGIROA	14 58 S	147 40 W	4	30	1011.1	1011.5	28.1		29.0		10	54		2	23
TAKAROA, TUAMOTU IS.	14 29 S	145 02 W	3	30	1011.0	1011.3	28.1		29.6		15	118		3	20
PUKA-PUKA, TUAMOTU IS.	14 48 S	138 49 W	3	30	1011.1	1011.5	28.1		29.4		11	68		2	21
HAO, TUAMOTU IS.	18 04 S	140 57 W	3	30	1012.3	1012.7	27.6		30.4		13	211		5	21
HEREHERETUE, TUAMOTU IS.	19 52 S	145 00 W	3	30	1012.4	1012.8	27.3		28.4		14	106		2	17
BORA-BORA, SOCIETY IS.	16 27 S	151 45 W	3	30	1010.9	1011.2	27.7		29.7		19	301		6	20
TAHITI, SOCIETY IS.	17 33 S	149 37 W	2	30	1011.3	1011.6	26.8		28.6		11	407		6	19
NANDI, FIJI IS.	17 45 S	177 27 E	18		1008.5	1010.6	26.0		27.0		7	92		1	113
NAUSORI	18 03 S	178 34 E	7		1009.9	1011.2	25.3		27.8		19	391		4	
KOUMAC/NOUVELLE-CALEDONIE	20 34 S	164 17 E	18	30	1008.9	1011.0	25.5	+ 1.6	27.1	+3.9	7	119	+ 47	4	108
NOUMEA/NOUVELLE-CALEDONIE	22 17 S	166 27 E	72	30	1003.6	1011.9	25.2	+ 1.6	25.5	+3.0	7	92	- 23	3	96

SURFACE DATA

APRIL 1985

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUN-SHINE
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPARTURE	MEAN	DEPARTURE	NO. OF DAYS ≥ MM.	TOTAL	DEPARTURE	QUINTILE	PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
AUSTRALASIA															
SOUTH PACIFIC															
RAROTONGA, COOK IS.	21 12 S	159 49 W	7		1013.0	1012.2	24.7		25.8		14	327		5	104
RIKITEA, GAMBIER IS.	23 08 S	134 58 W	89	30	1005.0	1015.1	24.9		26.9		14	147			
MURORDA	21 49 S	138 49 W	3	30	1013.8	1014.2	27.0		29.5		10	140		4	20
TUBAI, AUSTRAL IS.	23 21 S	149 29 W	3	30	1013.4	1013.7	24.5		24.9		13	182		3	20
RAPA, AUSTRAL IS.	27 37 S	144 20 W	2	30	1014.0	1014.3	22.6		23.1		16	201		3	20
RAOUL IS.,KERMADEC IS.	29 15 S	177 55 W	49		1013.1	1018.9	20.4		9.1		13	67		2	72
CHATHAM ISLAND	43 57 S	176 34 W	48		1017.8	1023.7	12.2		12.3		3	31		1	138
CAMPBELL ISLAND	52 33 S	169 09 E	19		1011.8	1014.1	8.1		9.1		20	133		4	54
OCEAN SHIPS STATIONS															
SHIP L	57 00 N	20 00 W		30		1007.5	8.3 S 9.7		8.9						
SHIP R	47 00 N	17 00 W			1014.3		11.4 S12.2		11.6						

SURFACE DATA LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
JANUARY 1985															
SOUTH AMERICA															
ANTARCTICA															
DAVIS	68 35 S	77 58 E	13		993.1	994.7	- 0.1	- 1.0	33.0		0	T			
CASEY	66 16 S	110 32 E	15		991.4	993.3	0.9	+ 0.8	39.0		2	7			
AUSTRALASIA															
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1005.9	1006.9	30.1	+ 0.3	30.0	+0.1	5	96	- 54	2	
PORT HEDLAND AIRPORT	20 22 S	118 37 E	11		1005.5	1006.2	31.1	+ 0.3	22.7	-2.2	2	39	- 24	3	
LEARMONTH AIRPORT	22 14 S	114 05 E	6		1007.0	1007.6	30.8	+ 0.3	15.8		0	0			
CARNARVON AIRPORT	24 53 S	113 40 E	7		1009.1	1009.9	25.8	- 1.1	18.3	-3.3	0	0	- 20	2	
GERALDTON AIRPORT	28 47 S	114 42 E	34		1008.3	1012.2	22.5	- 2.7	15.5	-1.4	0	0	- 7	3	
PERTH AIRPORT	31 56 S	115 57 E	12		1012.2	1013.6	22.8	- 1.3	13.9	-1.5	0	1	- 5	2	117
ALBANY AIRPORT	34 57 S	117 48 E	69		1008.3	1016.4	18.7	- 0.8	14.1	-0.5	4	67	+ 48	5	
ESPERANCE	33 49 S	121 53 E	26		1012.1	1015.1	21.6	+ 0.8	13.7	-1.2	2	3	- 9	1	
HALLS CREEK	18 13 S	127 39 E	424		959.1	1005.3	32.9	+ 2.4	16.4	-4.0	5	46	-101	1	
GILES	25 02 S	128 18 E	599		943.9	1009.0	31.6	+ 1.1	8.8	-1.5	3	21	- 9		112
MEEKATHARRA AIRPORT	26 36 S	118 31 E	518		951.0	1007.3	32.3	+ 1.1	8.4	-3.3	1	6	- 24	2	
KALGOORLIE AIRPORT	30 46 S	121 27 E	360		971.1	1011.4	26.7	+ 0.8	11.3	-1.9	0	T		1	
FORREST AIRPORT	30 50 S	128 06 E	160		994.4	1012.8	25.7	+ 1.9	11.3	-1.8	3	16	- 2	4	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	9		1006.7	1007.7	28.2		30.2	-0.1	9	312	+111	4	
THURSDAY ISLAND	10 35 S	142 13 E	61		1001.3	1008.2	27.3		30.0	-0.3	21	395	- 5	3	
DARWIN AIRPORT	12 24 S	130 52 E	30		1004.3	1007.7	28.7	+ 0.5	29.7	-0.3	14	281	- 81	2	134
TENNANT CREEK M.O.	19 38 S	134 10 E	376		965.3	1006.5	32.8	+ 2.4	9.4	-7.0	1	2	- 87	1	128
ALICE SPRINGS AIRPORT	23 48 S	133 54 E	544		948.9	1008.9	29.5	+ 1.0	8.0	-3.9	0	0	- 34	1	122
MT. ISA AIRPORT	20 39 S	139 29 E	342		969.3	1007.0	31.2	+ 1.5	11.4	-4.9	0	T			120
LONGREACH AIRPORT	23 26 S	144 16 E	193		986.4	1007.8	31.3	+ 1.9	14.2	-4.0	3	20	- 72	1	
CHARLEVILLE AIRPORT	26 25 S	146 16 E	304		975.2	1008.9	29.8	+ 1.8	12.1	-5.0	4	24	- 54	2	
CAIRNS AIRPORT	16 53 S	145 45 E	7		1007.7	1008.5	27.8	+ 0.4	27.6	+1.3	10	652	+253	5	
TOWNSVILLE AIRPORT	19 15 S	146 45 E	6		1008.6	1009.3	29.4	+ 1.9	24.5	-1.5	3	33	-274	1	130
MACKAY	21 07 S	149 13 E	31		1006.4	1009.9	28.5	+ 2.1	26.3	-0.6	5	15	-349	0	
GLADSTONE	23 51 S	151 16 E	76		1002.7	1011.4	27.7	+ 1.1	24.6	-0.2	4	49	-141	1	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1010.9	1011.6	25.7	+ 0.7	21.8	+0.5	6	158	- 35	4	121
AUSTRALIA-SOUTHEASTERN															
OODNADATTA AIRPORT	27 33 S	135 26 E	117		998.5	1011.7	31.1	+ 1.1	8.1	-3.2	0	T		2	109
WOOMERA AERODROME	31 09 S	136 48 E	167		994.1	1013.1	27.1	+ 0.4	10.3	-1.3	1	4	- 14	2	101
MOREE	29 28 S	149 51 E	212		986.0	1009.8	27.3	+ 0.6	16.0	-2.6	2	11	- 56	1	
COFFS HARBOUR AIRPORT	30 19 S	153 07 E	5		1011.2	1011.8	23.2	+ 0.3	20.0	-2.7	9	145	- 70	3	134
COBAR	31 29 S	145 49 E	265		980.8	1010.5	27.1	+ 0.1	9.1	-3.6	1	9		2	
MILDURA AIRPORT	34 14 S	142 05 E	53		1007.3	1013.4	23.8	- 0.6	11.2	-2.0	1	6	- 13	2	
WAGGA AIRPORT	35 09 S	147 27 E	213		986.5	1010.7	22.8	- 1.0	11.3	-2.7	2	11	- 32	2	
CANBERRA AIRPORT	35 18 S	149 11 E	577		944.7	1009.5	20.5	+ 0.2	11.6	-1.6	2	3	- 57	1	114
CEDUNA AIRPORT	32 07 S	133 42 E	17		1013.1	1015.1	22.5	+ 0.7	12.0	-1.6	0	T		1	92
ADELAIDE AIRPORT	34 56 S	138 31 E	4		1014.3	1014.8	21.3	- 0.5	10.9	-1.8	1	1	- 16	1	107
MT. GAMBIER AIRPORT	37 44 S	140 47 E	69		1006.0	1014.2	18.0		11.6	-1.2	5	23	- 2	3	88
LAVERTON AERODROME	37 51 S	144 44 E	14		1011.9	1013.5	18.4	- 1.3	12.1	-1.4	2	10	- 27	1	104
EAST SALE AERODROME	38 06 S	147 08 E	8		1011.5	1012.4	17.7	- 1.2	12.8	-2.0	3	27	- 20	3	113
SYDNEY AIRPORT	33 57 S	151 11 E	3		1010.9	1011.4	22.9	+ 0.7	17.3	-1.2	1	6	- 92	1	130
WILLIAMTOWN AERODROME	32 47 S	151 49 E	11		1010.1	1011.4	23.1	+ 0.4	18.1	-1.2	0	2	-125	0	127
HOBART AIRPORT	42 50 S	147 30 E	3		1008.4	1008.8	16.5	- 0.6	10.9	-0.4	7	47	+ 11	4	
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1006.3	1007.3	26.7	- 0.1	28.1	-0.4	16	260		3	105
NORFOLK ISLAND AIRPORT	29 02 S	167 56 E	109		1000.7	1013.2	22.5	+ 0.8	20.4		6	18		2	122
LORD HOWE ISLAND	31 31 S	159 05 E	46		1007.6	1012.9	22.1	- 0.5	19.6	-1.3	3	22		1	
MACQUARIE ISLAND	54 29 S	158 56 E	6		998.5	999.2	8.3	+ 1.4	9.1		14	83		2	121
COCOS ISLAND AP	12 11 S	96 49 E	3		1010.7	1011.0	27.5	+ 0.4	27.6	-0.3	8	105		2	
FEBRUARY 1985															
SOUTH AMERICA															
ANTARCTICA															
DAVIS	68 35 S	77 58 E	13		987.0	988.6	- 3.8	- 1.1	2.0		1	3			
CASEY	66 16 S	110 32 E	15		981.9	983.8	- 2.8	- 0.3	3.1		5	40			
EUROPE															
ITALY															
MILANO/LINATE	45 26 N	09 17 E	103	28	1007	1020	1.8	- 1.3	6.0	-0.4	2	7	- 42	1	91
VERONA/VILLAFRANCA	45 23 N	10 52 E	68	28	1012	1020	2.3	- 0.5	6.1	-0.1	1		- 23	2	
UDINE RIVOLTO	45 59 N	13 02 E	53	28	1013	1020	1.8		5.3		2	22			
PISA/S. GIUSTO	43 41 N	10 23 E	1	28	1018	1018	6.6	- 1.2	7.5	-0.6	5	39	- 42	2	68
ROMA/FIUMICINO	41 48 N	12 14 E	3	28	1017	1017	9.0	0.0	8.7	-0.3	3	34	- 39	2	
NAPOLI/CAPODICHINO	40 51 N	14 18 E	72	28	1010	1018	8.2	- 0.7	9.0	+0.2	4	33	- 55	2	78
TRIESTE	45 39 N	13 45 E	20	28	1017	1019	3.2	- 2.4	5.3	-0.9	4	66	- 5	4	112
VENEZIA/TESSERA	45 30 N	12 20 E	6	28	1019	1020	1.8	- 2.0	5.7	-0.7	3	12	- 42	2	100
FALCONARA	43 37 N	13 22 E	10	28	1017	1019	4.3		7.3		7	36			

SURFACE DATA LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	NUMBER OF DAYS OF OBSNS.	PRESSURE MEAN STATION	PRESSURE MEAN SEA LEVEL	TEMPERATURE MEAN	TEMPERATURE DEPARTURE	VAPOR PRESSURE MEAN	VAPOR PRESSURE DEPARTURE	PRECIPITATION NO. OF DAYS ≥ MM.	PRECIPITATION TOTAL	PRECIPITATION DEPARTURE	PRECIPITATION QUINTILE	SUN-SHINE PERCENTAGE OF LONG-TERM AVERAGE
	° ′	° ′	METERS		MB	MB	°C	°C	MB	MB		MM	MM		%
FEBRUARY 1985															
EUROPE															
ITALY															
PESCARA	42 26 N	14 12 E	11	28	1016	1018	5.9	- 1.2	7.3	+0.0	72	20	- 24	1	87
MARINA DI GINOSA	40 26 N	16 53 E	12	28	1017	1018	8.2	- 1.5	8.6	-0.5	1	2	- 27	1	
BRINDISI	40 39 N	17 57 E	10	28	1016	1017	9.1	- 0.4	8.4	-0.9	2	16	- 46	2	73
ALGHERO	40 38 N	08 17 E	40	28	1016	1018	10.9	+ 1.3	10.8	+1.0	4	21	- 21	2	80
CAGLIARI/ELMAS	39 15 N	09 03 E	18	28	1017	1018	11.6	+ 1.8	11.4	+1.6	4	42	+ 3	3	101
TRAPANI/BIRGI	37 55 N	12 30 E	14	28	1018	1019	12.6	+ 1.5	12.8	+2.3	6	43	+-09	3	81
CATANIA/FONTANAROSSA	37 28 N	15 03 E	17	28	1016	1018	11.4	+ 0.7	10.5	+1.6	4	14	- 27	2	
MESSINA	38 12 N	15 33 E	51	28	1011	1018	12.2	+ 0.8	10.5	+0.5	8	100	+ 0	3	76
ROMANIA															
CLUJ-NAPOCA	46 47 N	23 34 E	413		968.0	1021.0	- 9.4	- 7.0	2.8	-1.6	13	39	+ 6		102
BISTRITA	47 09 N	24 31 E	367		974.1	1021.6	-11.2	- 9.0	2.5	-2.2	8	49	+ 4	4	
IASI	47 10 N	27 38 E	104		1005.6	1019.1	-11.0	- 8.7	2.6	-1.9	8	28	- 2	3	150
TIMISOARA	45 46 N	21 15 E	88		1010.6	1022.0	- 6.1	- 6.5	3.5	-1.7	8	76	+ 33	5	100
SIBIU	45 48 N	24 09 E	444		964.6	1021.0	- 8.3	- 7.1	3.1	-1.7	8	33	+ 3	4	74
SULINA	45 09 N	29 40 E	9		1016.6	1017.8	- 7.0	- 7.3	3.0	-2.5	10	12	- 13	3	136
AUSTRALASIA															
PAPUA NEW GUINEA															
MOMOTE M.O.	02 04 S	147 26 E	5		1005.5	1006.1	27.3	+ 0.2	30.4		17	372		4	115
RABAUL M.O.	04 13 S	152 11 E	9		1004.8	1005.8	27.4	+ 0.2	29.7		12	159		2	
MADANG	05 13 S	145 48 E	12		1005.3	1005.9	27.2	+ 0.5	30.2		14	208		2	115
PORT MORESBY AIRPORT	09 26 S	147 13 E	47		999.6	1004.9	27.7		28.0		7	114		2	105
AUSTRALIA WESTERN															
BROOME	17 57 S	122 13 E	9		1003.7	1004.7	29.7	+ 0.3	30.2	-0.3	5	67	- 83	2	
PORT HEDLAND AIRPORT	20 22 S	118 37 E	11		1004.0	1004.7	31.3	+ 0.6	27.2	+2.1	7	52	- 40	4	
LEARMONTH AIRPORT	22 14 S	114 05 E	6		1004.3	1004.9	31.9	+ 0.8	27.2		7	32			
CARNARVON AIRPORT	24 53 S	113 40 E	7		1004.6	1005.4	31.2	+ 3.4	25.2	+3.5	2	68	+ 45	3	
GERALDTON AIRPORT	28 47 S	114 42 E	34		1003.6	1007.5	29.7	+ 4.0	18.4	+1.9	1	3	- 9	4	
PERTH AIRPORT	31 56 S	115 57 E	12		1009.2	1010.6	28.9	+ 4.5	16.5	+1.1	1	2	- 9	3	102
ALBANY AIRPORT	34 57 S	117 48 E	69		1006.5	1014.6	21.7	+ 1.9	16.7	+1.6	3	28	+ 7	5	
ESPERANCE	33 49 S	121 53 E	26		1011.7	1014.7	23.4	+ 2.3	16.2	+0.9	2	6	- 18	2	
HALLS CREEK	18 13 S	127 39 E	424		947.6	1003.9	30.5	+ 0.8	25.3	+4.4	10	76	- 41	3	
GILES	25 02 S	128 18 E	599		941.6	1006.5	31.1	+ 1.9	10.4	-0.3	3	14	- 43		98
MEEKATHARRA AIRPORT	26 36 S	118 31 E	518		950.0	1006.5	31.9	+ 1.9	14.0	+1.1	4	69	+ 40	5	
KALGOORLIE AIRPORT	30 46 S	121 27 E	360		971.1	1011.3	27.2	+ 2.5	14.5	+0.5	1	49	+ 20	5	
FORREST AIRPORT	30 50 S	128 06 E	160		994.3	1012.7	25.1	+ 1.9	14.3	+0.6	1	2	- 12	2	
AUSTRALIA-NORTHEASTERN															
WILLIS ISLAND	16 18 S	149 59 E	9		1004.6	1005.6	27.6	- 0.4	32.2	+1.0	19	263	+ 34	4	
THURSDAY ISLAND	10 35 S	142 13 E	61		999.0	1005.9	27.5	+ 0.4	31.5	+0.9	17	317	- 25	2	
DARWIN AIRPORT	12 24 S	130 52 E	30		1002.0	1005.4	28.3	+ 0.3	30.7	+0.3	12	300	- 62	2	103
TENNANT CREEK M.O.	19 38 S	134 10 E	376		963.6	1004.9	31.4	+ 0.9	17.2	+0.2	7	66	- 19	3	99
ALICE SPRINGS AIRPORT	23 48 S	133 54 E	544		946.8	1006.7	29.3	+ 1.7	10.5	-0.5	3	17	- 22	2	95
MT. ISA AIRPORT	20 39 S	139 29 E	342		967.1	1004.5	31.3	+ 2.3	18.5	-1.5	7	534	+450		112
LONGREACH AIRPORT	23 26 S	144 16 E	193		985.3	1006.8	31.2	+ 2.6	19.2	-0.4	3	15	- 59	1	
CHARLEVILLE AIRPORT	26 25 S	146 16 E	304		974.6	1008.4	28.2	+ 0.8	17.0	-1.0	6	44	- 28	2	
CAIRNS AIRPORT	16 53 S	145 45 E	7		1005.4	1006.2	27.1	- 0.3	29.7	+0.5	20	609	+210	4	
TOWNSVILLE AIRPORT	19 15 S	146 45 E	6		1006.7	1007.4	28.1	+ 0.9	25.6	-1.6	10	98	-232	2	98
MACKAY	21 07 S	149 13 E	31		1004.9	1008.4	26.5	+ 0.3	28.1	+0.3	18	303	- 5	2	
GLADSTONE	23 51 S	151 16 E	76		1001.6	1010.2	26.5		23.8	-1.1	7	103	- 50	2	
BRISBANE AIRPORT	27 26 S	153 05 E	6		1011.1	1011.8	24.9		22.2	+0.2	8	814	+618	2	102
AUSTRALIA-SOUTHEASTERN															
OODNADATTA AIRPORT	27 33 S	135 26 E	117		996.5	1009.7	30.3	+ 1.1	10.1	-1.4	0	2	- 22	2	90
WOOMERA AERODROME	31 09 S	136 48 E	167		992.9	1011.9	27.1	+ 1.0	11.0	-1.4	1	3	- 22	2	95
MOREE	29 28 S	149 51 E	212		986.7	1010.6	26.1	- 0.2	17.0	-1.9	3	72	+ 4	4	
COFFS HARBOUR AIRPORT	30 19 S	153 07 E	5		1013.2	1013.8	22.6	- 0.4	20.6	-2.5	15	522	+271	5	97
COBAR	31 29 S	145 49 E	265		981.3	1011.1	26.1	- 0.6	12.4	-2.0	4	40		3	
MILDURA AIRPORT	34 14 S	142 05 E	53		1007.1	1013.2	24.0	+ 0.2	11.2	-2.8	0	0	- 25	0	
WAGGA AIRPORT	35 09 S	147 27 E	213		988.7	1013.0	23.6	+.0.2	12.0	-3.0	3	11	- 28	2	
CANBERRA AIRPORT	35 18 S	149 11 E	577		948.3	1013.5	19.3	- 0.5	12.5	-1.7	2	9	- 49	1	108
CEDUNA AIRPORT	32 07 S	133 42 E	17		1012.1	1014.1	20.9	- 0.5	14.6	+0.6	0	0	- 15	1	102
ADELAIDE AIRPORT	34 56 S	138 31 E	4		1014.3	1014.8	21.7	- 0.1	11.4	-1.7	1	2	- 23	1	116
MT. GAMBIER AIRPORT	37 44 S	140 47 E	69		1007.5	1015.6	17.3	- 0.8	11.5	-1.9	4	8	- 26	1	96
LAVERTON AERODROME	37 51 S	144 44 E	14		1014.0	1015.6	18.7	- 1.1	12.2	-2.2	3	6	- 56	1	111
EAST SALE AERODROME	38 06 S	147 08 E	8		1014.2	1015.1	17.8	- 1.4	13.3	-2.6	2	7	- 39	1	114
SYDNEY AIRPORT	33 57 S	151 11 E	3		1014.7	1015.2	21.3	- 1.0	17.5	-2.1	7	33	- 78	1	99
WILLIAMTOWN AERODROME	32 47 S	151 49 E	11		1013.4	1014.7	21.9	- 0.7	19.1	-1.1	10	88	- 29	3	91
HOBART AIRPORT	42 50 S	147 30 E	3		1013.2	1013.6	15.3	- 1.7	11.5	-0.5	6	44	- 1	4	101
SOUTH PACIFIC															
HONIARA/HENDERSON	09 25 S	160 03 E	9		1004.5	1005.5	27.3	+ 0.7	28.6	-0.1	13	185		2	116
NORFOLK ISLAND AIRPORT	29 02 S	167 56 E	109		999.6	1012.1	22.0	- 0.9	21.8		11	326		6	56
LORD HOWE ISLAND	31 31 S	159 05 E	46		1008.5	1013.8	22.2	- 0.7	20.1	-2.0	9	52		2	
MACQUARIE ISLAND	54 29 S	158 56 E	6		998.3	999.0	8.1	+ 1.3	9.7		20	75		3	113
COCOS ISLAND AP	12 11 S	96 49 E	3		1005.9	1006.2	27.2	- 0.1	30.0	+1.1	14	282		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		%
MARCH 1985															
SOUTH AMERICA															
ANTARCTICA															
S.A.N.A.E. STATION	70 18 S	02 21 W		31	977.5	984.7	-10.7		1.6						
EUROPE															
ROMANIA															
CLUJ-NAPOCA	46 47 N	23 34 E	413	31	968.0	1018.4	3.1	- 0.2	6.3	+0.7	1	2	- 23		109
BISTRITA	47 09 N	24 31 E	367	31	974.3	1019.5	2.1	- 0.9	5.9	0.0	4	21	- 14	2	
IASI	47 10 N	27 38 E	104	31	1009.5	1022.7	0.1	- 2.6	5.4	-0.3	3	4	- 17	1	80
TIMISOARA	45 46 N	21 15 E	88	31	1007.1	1018.0	5.2	- 0.3	6.7	0.0	7	30	- 10	2	125
SIBIU	45 48 N	24 09 E	444	31	964.7	1018.8	3.3	- 0.5	6.1	+0.1	1	3	- 25	0	111
CONSTANTA	44 13 N	28 38 E	14	31	1021.7	1022.8	0.5	- 3.0	5.9	-0.6	4	2	- 16	2	58
AFRICA															
TUNISIA															
TUNIS CARTHAGE	36 50 N	10 14 E	4	31	1014	1015	12.2	- 1.3	10.7	-0.7	15	69	+ 26	5	
ANGOLA															
LUANDA	08 51 S	13 14 E	70		1005.7	1010.6	27.6		29.7		11	176		4	
MOCAMEDES	15 12 S	12 09 E	45		1003.6	1008.8	22.9		25.8		3	25		5	
MALANGE	09 33 S	16 22 E	1142		881.9	1148.8	23.6		21.0		18	302		5	
LUENA (LUSO)	11 47 S	19 55 E	1357		865.0	1150.9	21.7		18.7		7	316		5	
SOUTH AFRICA															
GROOTFONTEIN	19 36 S	18 07 E	1400	31	860.0	1501.7	22.0	+ 0.9	16.4		6	58	- 46		115
WINDHOEK	22 34 S	17 06 E	1700	31	831.0	1505.7	21.6	+ 0.8	12.7	-0.1	7	37	- 44	2	108
J. G. STRIJDOM	22 29 S	17 28 E	1700	31	829.3	1487.4	21.1	+ 1.1	15.5		4	58			114
KEETMANSHOOP	26 32 S	18 07 E	1100	31	890.3	1504.7	23.9	- 0.4	10.8	-1.5	4	29	- 10	4	99
UPINGTON	28 24 S	21 16 E	800	31	922.5	1538.7	23.8	- 0.6	10.6	-1.7	2	48	+ 10	4	106
PIETERSBURG	23 52 S	29 27 E	1200	31	882.6	1525.7	20.7	+ 0.7	17.6	+1.1	5	57	+ 10	3	100
PRETORIA	25 44 S	28 11 E	1300	31	872.1	1521.7	21.3	+ 0.7	15.2	-1.9	6	75	- 6	3	108
JAN SMUTS	26 08 S	28 14 E	1700	31	832.5	1521.7	20.0	+ 2.3	14.0	-0.2	10	90	+ 1	4	109
BLOEMFONTEIN/J.B.M. HERTZOG	29 06 S	26 18 E	1400	31	861.8	1518.7	18.7	- 0.5	12.1	-0.9	7	61	- 23	2	106
ALEXANDER BAY	28 34 S	16 32 E		31	1010.4	1013.1	16.8	- 1.5	15.0	-1.0	1	1	- 2	2	95
CAPE TOWN/D.B.MALAN	33 58 S	18 36 E		31	1001.3	1007.1	18.3	- 0.9	15.9	+0.1	5	73	+ 59	6	91
PORT ELIZABETH	33 59 S	25 36 E		31	1006.6	1013.9	20.3	+ 0.3	18.0	-0.3	3	18	- 31	1	108
DURBAN/LOUIS BOTHA	29 58 S	30 57 E		31	1011.7	1013.3	24.2	+ 0.6	23.2	+0.3	4	35	- 72	1	104
GOUGH ISLAND	40 21 S	09 53 W		31	1010.0	1016.4	14.4	+ 0.8	13.5	+3.5	15	326	+ 54	4	111
MARION ISLAND	46 53 S	37 52 E		31	1004.7	1007.4	8.1	+ 0.8	9.2	+0.8	20	209	- 15		85
ASIA															
SYRIAN ARAB REPUBLIC															
KAMISHLI	37 03 N	41 13 E	455	31	964.1	1018.2	9.5	- 1.8	6.8	-1.5	9	55	- 19		60
DEIR EZZOR	35 19 N	40 09 E	212	31	993.0	1018.5	10.3	- 2.8	6.7	-1.6	4	24	- 6		58
PALMYRA	34 33 N	38 18 E	404	31	970.2	1018.2	10.7	- 2.2	6.0	-1.7	4	31	+ 9		68
DAMASCUS/NEW INTL AP	33 25 N	36 31 E	611	31	945.5	1016.7	10.2	- 1.1	6.1	-1.4	3	13	- 2		67
HAMA	35 08 N	36 43 E	309	31	982.6	1019.8	9.0	- 2.8	7.2	-2.1	7	7	- 38		
ALEPPO	36 11 N	37 13 E	393	31	972.6	1019.5	9.3	- 1.4	6.7	-2.4	6	31	- 16		59
INDIA															
AHMADABAD	23 04 N	72 38 E	55	31	1003.5	1009.7	28.9	+ 1.8	12.3	+0.3	0	0	- 1	4	97
DWARKA	22 22 N	69 05 E	11	31	1009.7	1011.0	25.5	+ 0.6	25.9	+3.8	0	0	- 1	5	
VERAVAL	20 54 N	70 22 E	8	31	1008.9	1009.9	25.9	+ 1.2	24.5	+3.3	0	0	+ 0	5	
THAILAND															
CHIANGMAI	18 47 N	98 59 E	314	31	973.4	1008.4	28.2	+ 2.2	18.5	-1.4		0	- 15	2	88
UDON THANI	17 23 N	102 48 E	182	31	989.5	1009.9	27.3	- 0.8	21.4	-4.0	1	7	- 33	2	
PHITSANULOK	16 47 N	100 16 E	45	31	1004.0	1009.2	30.2	+ 1.2	23.6	-3.6	1	2	- 36	1	105
NAKHON SAWAN	15 48 N	100 10 E	35	31	1005.1	1009.1	31.4	+ 1.4	24.5	-2.9	2	25	- 1	4	104
NAKHON RATCHASIMA	14 58 N	102 05 E	188	31	988.4	1009.7	28.5	- 0.3	24.0	-2.8	2	23	- 22		
BANGKOK	13 44 N	100 34 E	20	31	1007.5	1009.7	30.1	+ 0.9	30.1	-0.9	1	11	- 23	2	94
ARANYAPRATHET	13 42 N	102 35 E	49	31	1004.6	1010.0	30.2	+ 0.6	27.6	+0.4	6	124	+ 57		
CHANTHABURI	12 36 N	102 07 E	4	31	1009.7	1010.1	28.7	+ 1.1	29.1	-1.1	8	72	+ 5		105
PRACHUAP KHIRIKHAN	11 50 N	99 50 E	5	31	1009.3	1009.9	27.4	+ 0.1	27.5	-0.6	3	15	- 33		105
CHUMPHON	10 29 N	99 11 E	5	31	1009.8	1010.5	27.7	+ 0.5	29.6	+0.4	4	82	+ 4		94
SONGKHLA	07 12 N	100 36 E	5	31	1009.0	1009.8	27.6	+ 0.1	27.7	-0.7	9	91	+ 33		88

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		%
OCTOBER 1984															
ASIA															
INDIA															
MADRAS/MINAMBAKKAM	13 00 N	80 11 E	16										- 1		
JANUARY 1985															
NORTH AMERICA															
CANADA-WESTERN															
COPPERMINE	67 50 N	115 08 W	22				-25.7	+ 3.7							
SANDSPIT	53 15 N	131 49 W	0									101	- 55		
CANADA-EASTERN															
FORT CHIMO	58 06 N	68 25 W	37				-19.1	+ 4.3							
STEPHENVILLE	48 32 N	58 33 W	26									154	+ 45		
SABLE ISLAND	43 56 N	60 01 W	4								14				
FEBRUARY 1985															
NORTH AMERICA															
CANADA-WESTERN															
INUVIK	68 18 N	133 29 W	68												95
PRINCE GEORGE	53 53 N	122 41 W	691				- 6.1	+ 0.1							
REGINA	50 26 N	104 40 W	574		947.7										
LETHBRIDGE	49 38 N	112 48 W	920												97
SANDSPIT	53 15 N	131 49 W	0									198	+ 87		
CANADA-EASTERN															
CORAL HARBOUR	64 12 N	83 22 W	64				-27.5	+ 2.0							
CHURCHILL	58 45 N	94 04 W	29				-26.1	- 0.6							
SEPT-ILES	50 13 N	66 16 W	55		1008.0	1015.0									
GOOSE	53 19 N	60 25 W	44								6	27	- 33		
ST PIERRE AND MIQUELON															
ST PIERRE	46 46 N	56 10 W	5												72
MARCH 1985															
NORTH AMERICA															
CANADA-EASTERN															
SHEARWATER	44 38 N	63 30 W	41								8				
SABLE ISLAND	43 56 N	60 01 W	4				- 0.6	- 1.1							
ARGENTIA VTMS NFLD	47 18 N	54 00 W	15								14				
SOUTH AMERICA															
BRAZIL-NORTHERN															
PORTO VELHO/AEROPORTO	08 46 S	63 55 W	105		1000.4		26.1	+ 0.9	30.1	+2.2	18	335	- 22		
FORTALEZA	03 44 S	38 33 W	19						29.6						
ARACAJU	10 55 S	37 03 W	6								12				
BRAZIL SOUTHERN															
CUIABA	15 33 S	56 07 W	179		991.3	1008.6									
PONTA PORA	22 32 S	55 44 W	650		934.0	1009.1	23.2	+ 1.0	23.4	+2.5					
TRES LAGOAS	20 47 S	51 38 W	313				25.7	+ 0.5	26.4	+1.4					
CORUMBA	19 00 S	57 39 W	130				26.9	+ 0.5							

UPPER AIR DATA

APRIL 1985

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	1,022		-22.7	4.9					1,379	0	-17.5	4.9	2	92	84	8	2,818	0	-23.3	6.3	0	82	90	6	5,210	0	-38.5	6.1	0	49	103	4	8,561	0	-55.1		0	20	139	2
		1,195	0	-48.5		0	49	186	2	3,094	0	-47.3		0	59	185	3	5,780	1	-47.0		1	56	179	3	20,357	2	-49.1		2	68	163	3	23,695	14	-50.2		14	67	137	2
BARTER ISLAND	2	1,018		-27.2	5.2					1,355	0	-15.6	5.0	0	88	101	7	2,806	0	-21.5	6.6	0	61	126	3	5,211	0	-37.3	7.1	0	39	205	3	8,574	0	-55.4		0	65	228	6
		1,210	0	-48.4		0	84	222	5	3,111	0	-47.1		0	83	217	6	5,796	0	-47.3		0	80	211	5	20,362	0	-49.4		0	72	188	3	23,699	0	-50.7		0	74	151	2
KOTZEBUE	2	1,015		-23.4	3.4					1,335	0	-16.0	5.3	4	32	111	2	2,780	1	-22.8	6.8	1	38	116	3	5,173	0	-38.4	6.4	1	31	133	4	8,547	0	-52.7		3	28	191	3
		1,194	1	-48.0		3	46	221	3	3,094	1	-47.5		3	56	225	4	5,776	1	-47.6		3	53	198	4	20,345	1	-49.3		1	65	165	3	23,688	1	-50.4		1	73	154	3
NOME	2	1,013		-18.7	3.4					1,326	1	-16.3	5.4	8	30	3	1	2,771	1	-22.7	7.9	2	18	355	1	5,167	1	-37.5	6.5	1	25	306	3	8,551	1	-52.3		1	35	286	5
		1,197	1	-48.4		1	53	273	5	3,090	1	-48.4		1	59	263	5	5,761	1	-48.3		1	50	243	3	20,315	2	-49.8		2	36	175	2	23,651	3	-50.9		4	65	153	2
FAIRBANKS	2	992		-8.8	5.3					1,328	0	-12.5	5.3	0	28	174	1	2,791	0	-20.2	4.9	0	66	194	5	5,204	0	-36.4	5.9	0	69	188	8	8,593	1	-53.8		1	64	219	8
		1,231	1	-48.3		1	84	227	7	3,129	1	-47.7		1	86	220	8	5,806	1	-48.2		1	84	219	6	20,351	1	-50.4		1	73	194	4	23,676	2	-51.3		2	74	148	2
MCGRATH	2	998		-15.2	5.1					1,329	0	-14.7	5.6	0	20	85	1	2,780	0	-22.1	6.1	0	33	181	2	5,181	0	-36.7	6.9	0	47	199	5	8,580	0	-52.3		1	52	219	7
		1,233	0	-47.9		0	68	237	7	3,133	0	-47.5		0	74	233	7	5,809	0	-48.1		0	73	229	6	20,358	0	-50.2		0	71	190	4	23,685	0	-51.1		0	74	161	2
BETHEL	2	1,008		-15.4	4.2					1,331	0	-14.6	4.9	0	45	335	2	2,783	0	-21.5	7.7	0	47	302	3	5,195	0	-35.9	7.2	0	54	289	6	8,592	0	-52.6		0	66	281	9
		1,239	0	-48.6		1	75	272	9	3,132	0	-48.7		1	80	256	9	5,797	0	-48.9		2	74	247	7	20,325	1	-51.1		2	56	221	3	23,644	1	-51.5		2	56	161	1
ANCHORAGE	2	1,000		-3.9	6.5					1,317	2	-9.9	3.9	5	41	94	2	2,789	2	-19.5	4.1	5	67	159	6	5,211	2	-35.0	7.1	4	41	175	5	8,618	5	-53.1		6	59	215	8
		1,258	5	-48.7		6	80	239	9	3,152	5	-48.4		6	79	239	9	5,818	5	-49.3		6	81	234	8	20,342	6	-51.3		7	69	209	4	23,655	6	-51.9		7	70	160	2
ST. PAUL	2	1,013		-6.3	2.6					1,367	0	-11.3	6.5	2	48	329	4	2,839	0	-18.0	7.2	3	66	318	7	5,284	0	-32.6	8.3	2	71	309	9	8,715	0	-52.3		4	74	291	13
		1,340	0	-50.2		4	85	276	14	3,220	0	-50.2		4	84	269	13	5,865	0	-50.8		3	85	265	10	20,374	1	-52.2		3	70	243	4	23,681	1	-52.3		3	51	198	2
COLD BAY	2	1,007		-3.8	1.8					1,348	0	-11.2	5.0	4	63	304	7	2,822	0	-17.5	7.6	1	74	294	9	5,270	0	-32.8	8.7	0	75	286	12	8,714	0	-50.4		3	84	282	21
		1,358	0	-49.7		6	88	263	17	3,240	0	-50.1		6	87	259	16	5,879	0	-51.7		6	84	252	12	20,356	0	-53.5		2	66	234	4	23,647	0	-53.1		1	43	176	1
KING SALMON	2	1,007		-8.3	5.5					1,321	0	-11.9	4.5	4	19	307	2	2,786	0	-19.8	5.6	2	35	268	4	5,211	0	-34.7	7.6	0	46	267	6	8,627	0	-51.2		3	63	262	10
		1,287	0	-47.8		2	80	257	12	3,184	0	-48.5		2	79	254	12	5,840	1	-49.8		1	79	244	10	20,357	1	-51.6		1	67	220	4	23,666	1	-52.2		1	66	147	2
YAKUTAT	2	1,006		-0.4	2.9					1,346	0	-7.5	3.0	2	81	158	6	2,830	0	-17.5	4.4	2	74	181	7	5,265	0	-34.3	6.3	1	68	214	11	8,682	0	-52.1		1	73	238	14
		1,326	0	-48.8		1	86	242	12	3,218	0	-48.4		1	92	244	13	5,877	0	-50.1		1	89	239	9	20,384	1	-52.8		2	78	225	4	23,676	3	-53.1		4	52	167	1
ANNETTE ISLAND	2	1,010		3.6	2.8					1,415	0	-4.7	3.6	2	77	197	9	2,917	0	-13.8	6.2	0	83	220	11	5,393	0	-29.9	6.7	0	84	237	17	8,866	0	-50.4		11	84	246	19
		1,500	0	-50.2		13	86	252	16	3,378	0	-50.9		12	90	251	15	6,009	0	-52.1		11	89	246	10	20,473	0	-54.8		9	77	224	4	23,744	0	-54.1		2	46	147	1
CANADA-WESTERN																																									
MOULD BAY	2	1,016		-30.1	2.0					1,359	0	-22.2	4.3	0	68	355	5	2,773	0	-27.2	6.1	0	69	350	6	5,131	0	-41.0	6.6	0	70	341	7	8,493	0	-50.1	8.2	0	60	315	6
		1,181	0	-45.0		0	57	286	4	3,103	0	-44.9		0	61	268	4	5,813	0	-45.3		0	57	249	3	20,408	0	-48.0		0	52	209	2	23,768	1	-49.2		1	57	168	2
SACHS HARBOUR	2	1,010		-24.6	2.6					1,371	0	-18.4	6.3	0	44	25	2	2,804	0	-24.3	7.3	0	67	310	4	5,191	0	-38.2	8.0	0	85	285	9	8,561	0	-55.3	7.5	0	87	273	12
		1,218	0	-46.6		0	85	264	8	3,130	0	-45.8		0	81	258	6	5,827	0	-46.4		0	75	251	5	20,402	2	-48.9		0	55	255	3	23,748	2	-49.5		0	44	161	2
CAMBRIDGE BAY	2	1,016		-28.3	2.8					1,348	1	-18.0	5.7	1	46	319	4	2,785	1	-23.5	6.0	1	71	306	7	5,181	1	-37.1	7.7	0	84	299	13	8,574	1	-50.8	8.8	0	81	291	15
		1,248	1	-45.6		0	81	281	10	3,166	1	-45.1		0	78	279	9	5,868	1	-46.2		0	72	271	7	20,441	1	-49.2		0	39	273	2	23,783	1	-50.0		0	49	101	2
INUVIK	2	1,004		-20.9	3.7					1,356	0	-14.4	4.2	0	54	117	3	2,814	0	-20.1	6.5	0	46	208	3	5,234	0	-35.8	6.8	0	79	250	7	8,611	0	-55.5	7.2	0	83	242	11
		1,246	0	-47.7		0	89	242	9	3,150	0	-47.0		0	86	239	8	5,837	1	-47.1		0	82	235	7	20,396	2	-49.9		0	62	213	3	23,729	2	-50.5		0	61	164	2
NORMAN WELLS	2	1,003		-6.3	2.8					1,360	0	-0.6	3.9	0	19	248	1	2,837	0	-17.7	5.3	0	61	266	5	5,272	0	-34.5	6.1	0	67	253	6	8,671	0	-54.1	6.8	0	71	246	12
		1,300	0	-48.6		0	85	249	11	3,198	0	-47.4		0	85	251	9	5,875	0	-48.1		0	80	251	8	20,409	0	-51.1		0	62	233	3	23,733	2	-51.5		0	41	148	2
WHITEHORSE	2	922		-3.6	4.9					1,347	0	-5.9	6.5	0	83	182	6	2,837	0	-16.4	4.9	0	85	212	8	5,280	0	-33.9	7.0	0	81	223	10	8,688	0	-52.9	8.0	0	81	236	15
		1,328	0	-48.1		0	90	242	13	3,222	0	-48.6		0	89	240	12	5,880	0	-50.0		0	88	234	9	20,389	0	-52.5		0	78	218	4	23,692	1	-52.6		1	66	161	2
FORT NELSON	2	964		-1.3	4.5					1,383	0	-3.0	9.9	0	60	278	5	2,887	0	-14.5	5.6	0	83	270	8	5,353	0	-31.1	9.1	0	86	264	12	8,803	0	-51.9	8.3	0	81	259	21
		1,426	0	-50.0		0	87	258	17	3,312	0	-48.7		0	88	259	15	5,592	0	-50.0		0	84	255	10	20,450	0	-53.4		0	57	242	3	23,736	1	-53.2		0	16	105	1
FORT SMITH	2	986		-5.7	3.2					1,369	0	-6.0	6.1	0	55	275	5	2,863	0	-15.1	5.7	0	71	281	8	5,324	0	-31.8	7.8	0	75	274	11	8,769	0	-51.5	8.9	0	76	271	28
		1,408	0	-48.8		0	83	271	16	3,300	0	-48.6		0	80	271	14	5,959	0	-49.9		0	75	269	9	20,448	0	-53.0		0	52	274	3	23,739	0	-53.0		0	42	68	2
PRINCE GEORGE	2	934		-0.6	3.1					1,432	0	-1.6	8.1	0	69	243	5	2,947	0	-12.1	6.2	0	88	255	10	5,443	0	-27.5	6.7	0	87	257	18	8,942	0	-50.2	7.5	1	86	260	28
		1,545	0	-53.3		4	91	261	22	3,403	0	-52.3		4	92	258	17	6,011	0	-54.4		4	87	254	12	20,435	1	-56.0		0	64	244	4	23,685	1	-55.5		0	28	83	1
EDMONTON STONY PLAIN	2	922		0.9	4.9					1,417	0	0.1	9.3	0	58	302	5	2,942	0	-10.8	6.0	0	78	284	9	5,450	0	-26.4	6.8	0	85	277	18	8,968	0	-49.5	7.7	0	81	275	28
		1,573	0	-53.7		0	84	271	23	3,429	0	-52.2		0	83	270	16	6,047	0	-53.7		0	77	265	11	20,467	2	-55.7		0	52	267	3	23,723	4	-54.9		0	23	44	1
THE PAS	2	979		-1.2	4.4					1,406	0	-1.9	8.6	0	53	273	5	2,924	0	-11.1	7.8	0	64	280	9	5,431	0	-26.7	8.6	0	76	279	16	8,931	0	-50.2	8.5	0	74	278	23
		1,549	0	-51.7		0	77	277	21	3,420	0	-50.9		0	75	276	31	6,047	0	-52.7		0	72	281	11	20,491	0	-55.4		1	52	304	4	23,760	1	-54.0		1	50	72	3
VERNON	2	950		4.7	5.8					1,456	0	1.2	6.6	0	77	234	3	2,989	0	-8.7	7.3	0	84	259	5	5,525	0	-23.5	6.9	0	86	270	13	9,071	0	-49.8	7.7	4	82	261	23
		1,669	1	-57.1		7	88	265	23	3,499	1	-54.4		7	90	262	17	6,082	1	-56.5		6	92	255	11	20,472	1	-57.3		4	72	234	4	23,708	3	-56.2		1	33	74	1
PORT HARDY	2	1,015		3.9	1.3					1,450	0	-2.2	4.9	0	70	215	5	2,971	0	-10.0	10.7	0	80	242	9	5,494	0	-24.8	8.9	0	87	255	18	9,028	0	-48.2	8.3	0	87	261	21
		1,632	0	-56.3		0	89	262	29	3,472	0	-53.9		0	88	261	20	6,063	0	-55.6		0	86	256	13	20,458	0	-56.8		0	70	239	4	23,703	7	-55.9		1	35	135	1
CANADA-EASTERN																																									
ALERT	2	1,012		-28.2	2.5					1,346	0	-20.6	4.7	0	5	28	1	2,771	0	-25.3	5.7	0	14	148	1	5,148	0	-38.7	7.5	0	22	178	3	8,526	0	-50.5	8.3	0	53	208	5
		1,213	0	-44.8		0	71	217	5	3,137	0	-44.4		0	79	226	5	5,852	0	-45.1		0	79	238	5	20,448	0	-47.6		0	71	259	3	23,814	3	-48.3		1	68	270	2
EUREKA	2	1,019		-32.4						1,331	0	-21.7	3.8	0	47	87	3	2,749	0	-26.6	4.9	0	48	104	4	5,114	0	-40.1	6.1	0	40	130	5	8,487	0	-49.6	8.3	0	41	159	5
		1,183	0	-44.2		0	51	177	4	3,112	0	-44.1		0	65	197	4	5,830	0	-44.6		0	73	207	3	20,431	1	-47.5		0	53	226	2	23,797	1	-48.6		0	44	216	1
RESOLUTE	2									1,320	0	-23.4	3.7	0	32	6	2	2,728	0	-28.2	4.8	0	23	343	2	5,081	0	-40.6	7.0	0	21	283	3	8,474	8	-47.6	8.9	0	39	255	4
		1,194	14	-44.1		0	51	253	4	3,121	14	-44.6		2	53	250	3	5,829	14	-45.6		0	63	235	3	20,421	14	-48.4		0	36	209	1	23,775	14	-49.1		0	48	137	1
HALL BEACH	2	1,015		-25.8	1.9					1,319	0	-20.3	3.5	0	31	251	2	2,743	0	-25.7	5.3	0	43	251	4	5,119	0	-38.3	8.4	0	52	264	7	8,537	0	-47.0	10.6	0	67	261	9
		1,245	1	-44.0		0	84	251	8	3,173	1	-44.2		0	84	252	6	5,884	1	-46.0		0	76	246	4	20,452	3	-49.1		0	31	137	1	23,799	3	-49.6		0	80	98	3
BAKER LAKE	2	1,011		-23.0	2.1					1,354	1	-15.3	5.1	0	35	276	3	2,806	1	-21.1	5.9	0	63	282	7	5,222	1	-35.2	6.4	0	74	286	12	8,634	1	-51.2	8.1	0	73	284	15
		1,304	1	-46.2		0	79	276	12	3,218	1	-46.0		0	78	279	10	5,905	1	-47.9		0	73	278	8	20,436	3	-50.7		0	43	311	2	23,761	3	-50.9		0	71	75	3
CORAL HARBOUR	2	1,010		-22.8	2.7					1,355	0	-17.3	5.1	0	54	293	5	2,798	0	-22.4	7.9	0	72	296	8	5,206	0	-35.4	9.3	0	75	286	13	8,637	0	-48.8	9.4	1	79	275	15
		1,323	0	-45.6		1	89	272	11	3,240	0	-45.7		1	90	276	9	5,925	0	-47.6		1	88	274	6	20,469	0	-50.5		1	30	348	1	23,799	1	-50.7		2	81	84	3
FROBISHER BAY	2	1,014		-18.8	3.1					1,350	0	-16.0	6.7	0	25	295	2	2,801	0	-20.3	9.2	0	43	253	4	5,232	0	-33.3	7.5	0	70	233	10	8,680	0	-48.8	8.3	0	70	238	13
		1,354	0	-47.0		0	76	252	9	3,262	0	-46.5		0	77	247	7	5,942	0	-48.1		0	68	237	4	20,473	0	-51.0		0	52	144	1	23,791	1	-50.8		0	83	103	4

UPPER AIR DATA

APRIL 1985

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
NORTH AMERICA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
CANADA-EASTERN																																									
CHURCHILL	2	1,036		-12.8	1.7					1,381	0	-10.3	4.7	1	52	287	4	2,860	0	-16.5	7.5	1	68	282	8	5,320	0	-31.2	6.9	1	73	279	13	8,774	0	-50.8	8.9	1	78	270	21
		11,421	2	-48.3		1	78	272	17	13,317	0	-48.3		1	77	277	13	15,972	0	-50.5		1	75	281	9	20,464	0	-53.1		1	58	306	3	23,755	0	-52.7		1	54	45	2
INOUCDJOUAC	2	1,016		-15.7	2.7					1,366	0	-12.2	7.3	0	29	311	3	2,838	0	-17.4	6.4	0	59	288	6	5,296	0	-30.5	6.6	0	81	281	13	8,754	1	-49.3	7.8	0	82	277	17
		11,405	1	-49.0		0	87	281	14	13,295	1	-48.6		0	88	282	11	15,950	1	-50.3		0	87	281	7	20,445	1	-52.5		0	29	309	1	23,750	1	-52.3		0	87	71	3
FORT CHIMO	2	1,011		-13.7	2.7					1,364	0	-17.0	6.2	0	39	335	3	2,837	0	-17.0	6.3	0	50	315	5	5,298	0	-30.3	7.6	0	57	293	7	8,766	0	-49.8	7.7	0	59	289	12
		11,423	0	-48.5		0	69	295	10	13,318	0	-48.2		0	64	288	8	15,980	0	-49.8		0	55	276	4	20,480	1	-52.6		0	14	103	1	23,779	1	-52.2		0	84	92	4
TROUT LAKE	2	988		-7.8	2.0					1,404	2	-5.6	6.9					2,911	2	-11.6	8.2					5,422	2	-25.6	8.3					8,938	2	-49.3	8.1				
		11,566		-52.0						13,433	2	-51.2						16,059	2	-52.6						20,506	4	-55.1						23,777	4	-53.7					
NITCHEQUON	2	948		-9.9	3.7					1,380	3	-9.8	8.3	0	31	316	3	2,869	3	-14.6	9.5	0	56	329	6	5,361	4	-27.3	9.0	0	66	315	10	8,864	4	-48.7	8.7	0	70	302	17
		11,506	4	-51.1		0	73	301	14	13,390	5	-50.2		2	73	300	12	16,030	6	-51.9		1	70	295	7	20,496	7	-54.2		2	25	329	1	23,778	7	-53.3		2	73	82	3
MOOSONEE	2	1,012		-6.3	2.5					1,385	0	-4.2	5.8	0	36	309	3	2,900	0	-10.6	7.2	0	52	300	6	5,420	0	-24.9	9.3	0	73	295	12	8,953	0	-47.9	9.8	0	74	287	18
		11,580	0	-53.0		0	86	287	19	13,439	0	-52.1		0	91	289	14	16,055	0	-53.3		0	90	290	11	20,486	2	-55.8		0	67	315	3	23,740	3	-54.1		0	60	49	2
SEPT-ILES	2	1,006		-2.9	6.6					1,371	0	-7.9	5.6	0	53	328	6	2,863	0	-14.1	6.6	0	57	312	8	5,354	0	-27.1	9.2	0	66	308	14	8,866	0	-47.7	10.3	0	64	307	19
		11,520	0	-49.5		0	69	297	16	13,401	0	-49.8		0	68	292	13	16,041	0	-51.9		0	64	286	8	20,494	1	-54.9		0	25	304	1	23,768	2	-53.8		0	61	86	2
GOOSE	2	1,005		-5.2	3.5					1,336	0	-10.3	3.4	0	35	354	4	2,814	0	-16.7	5.2	0	36	334	5	5,279	0	-29.7	8.0	0	40	313	8	8,761	0	-48.3	10.4	0	52	299	13
		11,432	0	-47.1		0	57	286	11	13,335	0	-47.8		0	56	276	8	15,994	0	-50.7		0	51	271	6	20,469	1	-54.1		0	15	159	1	23,746	1	-53.8		0	77	94	3
MANIWAKI	2	993		-0.5	2.6					1,414	0	-1.6	5.6	0	69	276	7	2,942	0	-8.1	8.8	0	81	287	12	5,486	0	-22.5	10.7	0	82	289	13	9,042	0	-47.1	9.9	0	86	291	25
		11,667	0	-54.9		1	86	289	22	13,509	0	-53.7		1	86	288	13	16,102	0	-55.7		1	81	291	12	20,494	2	-56.7		0	59	306	4	23,742	3	-54.7		0	51	61	2
STEPHENVILLE	2	1,002		-1.3	2.7					1,354	0	-7.9	4.3	0	52	285	6	2,844	0	-14.3	6.2	0	64	285	10	5,333	0	-27.7	9.3	0	68	283	14	8,840	0	-47.5	11.2	1	72	280	19
		11,510	0	-48.0		2	76	272	17	13,404	0	-48.9		2	78	268	14	16,045	0	-52.2		2	72	269	9	20,483	0	-55.6		1	38	260	2	23,740	0	-50.0		0	49	98	2
SHELBURNE	2	1,011		3.0	3.5					1,420	0	-2.1	7.5	0	65	287	8	2,944	0	-8.6	9.3	0	75	284	14	5,484	0	-23.2	10.4	0	79	283	22	9,043	0	-46.1	11.5	2	80	277	29
		11,680	0	-53.4		2	84	275	27	13,534	0	-53.4		3	88	273	23	16,127	0	-56.2		3	85	272	14	20,511	0	-56.7		0	45	281	2	23,763	0	-54.4		0	18	128	1
SABLE ISLAND	2	1,013		1.7	1.7					1,407	0	-3.2	6.4	0	76	280	10	2,924	0	-9.9	9.4	0	80	276	15	5,452	0	-23.7	12.3	0	81	273	22	9,006	0	-46.6	11.2	0	81	267	33
		11,650	0	-51.8		0	87	271	28	13,516	0	-52.1		0	87	270	22	16,120	0	-55.1		0	83	270	13	20,517	1	-56.1		0	51	274	3	23,775	4	-53.9		0	15	83	1
ST. JOHN'S (TORBAY)	2									1,369	1	-5.6	5.3	0	61	255	8	2,868	1	-12.8	9.4	0	72	254	11	5,365	1	-27.0	7.8	0	79	250	13	8,875	2	-46.1	12.2	0	78	249	24
		11,568	6	-49.4		0	83	252	20	13,446	6	-50.8		5	86	252	16	16,072	6	-53.3		0	81	256	10	20,500	6	-55.5		0	38	230	2	23,760	7	-54.7		1	56	86	2
UNITED STATES-NORTHWEST																																									
QUILLAYUTE	2	1,012		5.3	1.0					1,471	0	-0.2	5.9	6	67	248	6	3,007	0	-7.3	11.2	7	82	264	11	5,560	1	-22.1	10.2	4	81	271	18	9,121	1	-47.1		5	79	276	26
		11,724	4	-57.5		10	89	258	24	13,547	4	-56.2		10	92	255	20	16,117	4	-57.7		9	82	258	11	20,482	4	-58.2		6	60	231	4	23,709	5	-56.8		6	33	100	1
MEDFORD	2	972		7.4	2.7					1,507	0	6.1	6.8	1	45	235	2	3,074	0	-2.3	12.7	1	67	269	7	5,669	0	-18.5	12.6	1	71	274	13	9,279	0	-45.6		4	68	283	19
		11,880	0	-60.7		7	74	261	17	13,671	0	-59.9		7	85	257	15	16,196	0	-61.3		7	81	257	10	20,500	0	-59.9		4	43	263	2	23,704	0	-57.9		3	28	80	1
SPOKANE	2	931		4.3	3.9					1,466	3	4.6	10.2	12	76	247	6	3,017	3	-5.7	10.4	12	90	261	10	5,574	3	-22.3	9.9	10	84	266	17	9,133	5	-46.8		10	78	273	24
		11,753	6	-57.4		11	84	279	25	13,577	6	-56.1		12	87	276	18	16,145	6	-57.4		12	88	268	11	20,515	8	-58.7		11	14	279	1	23,736	11	-57.1		13	78	83	3
GREAT FALLS	2	886		4.2	7.2					1,453	0	5.5	11.6	1	77	254	8	3,010	0	-4.6	9.5	0	84	280	11	5,573	0	-22.1	9.8	0	84	277	16	9,138	0	-46.7		0	74	281	20
		11,749	0	-57.7		1	78	275	21	13,569	0	-55.9		1	83	273	17	16,143	0	-57.5		1	80	267	10	20,511	3	-59.0		3	57	255	3	23,728	5	-56.9		5	41	65	2
BISMARCK	2	953		2.4	4.0					1,439	0	4.1	10.0	0	30	332	3	2,993	0	-4.7	8.9	1	65	297	7	5,559	0	-21.6	8.3	0	77	283	14	9,116	1	-47.6		1	68	281	20
		11,724	1	-56.9		1	71	278	20	13,556	1	-55.1		1	78	278	17	16,135	1	-57.1		1	74	277	12	20,492	2	-59.3		2	55	309	4	23,711	2	-56.4		3	63	48	3
HURON/HOWES MUN	2	965		5.2	4.1					1,439	0	6.3	11.5	0	46	309	5	3,005	0	-2.7	10.8	0	65	305	8	5,587	0	-20.4	9.8	0	72	286	13	9,174	1	-46.2		1	64	279	17
		11,790	1	-57.4		2	73	269	19	13,612	2	-56.3		2	81	280	18	16,183	2	-58.0		2	82	277	12	20,531	4	-60.0		4	59	307	4	23,752	6	-56.6		6	56	36	2
RAPID CITY	2	902		5.0	7.7					1,455	0	7.4	11.9	0	53	312	5	3,026	0	-2.2	11.4	0	66	296	8	5,610	0	-20.0	10.6	0	71	282	13	9,193	0	-47.0		0	54	280	15
		11,802	0	-57.5		0	67	275	17	13,618	0	-57.1		0	77	275	15	16,174	0	-58.5		0	74	262	11	20,489	1	-61.3		1	47	302	3	23,692	4	-57.5		5	44	45	2
BOISE	2	916		5.4	5.9					1,486	0	8.7	12.3	1	51	311	3	3,060	0	-2.4	9.8	2	79	293	7	5,644	0	-19.6	13.7	3	76	273	14	9,235	1	-45.8		3	72	283	19
		11,849	1	-58.8		4	73	279	17	13,652	1	-58.5		4	81	273	14	16,197	1	-59.5		3	80	266	9	20,527	1	-59.7		2	35	247	2	23,734	1	-57.7		2	42	74	1
WINNEMUCCA	2	869		1.1	5.3					1,493	0	9.1	11.8	8	17	257	1	3,076	0	-0.5	11.5	7	73	270	5	5,681	0	-17.5	13.1	7	77	274	11	9,287	4	-45.7		9	77	286	17
		11,904	6	-60.9		9	77	285	17	13,697	6	-60.0		9	82	281	13	16,218	7	-62.0		8	81	287	9	20,508	7	-61.1		8	32	299	1	23,699	7	-58.4		9	53	54	2
ELY	2	809		1.1	4.7													3,081	0	0.5	11.3	4	46	316	4	5,691	0	-17.8	13.4	2	65	282	9	9,303	0	-45.5		2	62	299	14
		11,901	0	-60.6		4	64	293	14	13,687	1	-60.0		4	72	281	11	16,204	1	-62.6		4	70	273	7	20,481	1	-62.0		1	32	232	1	23,664	1	-58.1		1	31	63	1
SALT LAKE CITY	2	871		8.3	7.4					1,489	0	10.1	12.6	2	51	158	2	3,075	0	-0.8	10.0	2	62	292	4	5,674	0	-18.5	10.8	1	72	287	10	9,274	0	-46.1		1	65	285	13
		11,882	0	-58.9		4	67	284	13	13,683	0	-59.2		4	75	276	11	16,212	0	-60.8		2	77	269	9	20,512	0	-61.3		1	21	286	1	23,699	1	-58.3		2	40	52	2
GRAND JUNCTION	2	851		7.8	8.8					1,517	11	8.7	10.5	11	83	121	3	3,069	0	0.8	9.3	1	52	270	4	5,681	0	-17.6	10.2	0	58	288	9	9,295	0	-45.7		0	50	286	11
		11,904	0	-58.4		1	63	290	12	13,710	0	-58.8		1	72	281	12	16,241	0	-60.9		0	73	264	9	20,530	2	-62.0		2	21	248	1	23,714	7	-57.9		7	44	36	1
DENVER	2	834		5.2	7.5													3,043	0	1.0	11.0	1	73	295	5	5,653	0	-17.7	11.1	0	63	286	10	9,267	0	-45.4		0	49	289	13
		11,875	0	-58.6		2	64	264	15	13,684	0	-57.5		2	75	269	14	16,228	0	-60.5		0	68	265	8	20,523	1	-62.1		1	23	291	1	23,712	3	-57.6		3	49	351	2
OMAHA (NORTH)	2	966		8.2	3.3					1,455	0	7.4	8.1	0	65	267	7	3,030	0	-1.4	9.2	0	58	278	7	5,624	0	-19.1	10.5	0	62	283	10	9,227	0	-45.9		1	70	268	17
		11,847	0	-57.0		1	79	270	21	13,671	0	-56.6		0	83	274	15	16,228	0	-58.9		0	84	270	12	20,531	1	-61.4		1	56	301	3	23,732	3	-57.2		3	50	42	2
NORTH PLATTE	2	915		4.9	4.1					1,456	0	8.2	10.6	0	44	284	5	3,037	0	-0.4	11.6	0	52	286	6	5,635	0	-19.1	9.1	0	65	284	11	9,230	0	-46.1		0	58	272	14
		11,845	0	-56.9		1	69	268	16	13,665	0	-57.4		1	80	270	15	16,215	0	-59.6		1	71	266	10	20,516	0	-61.8		0	42	292	2	23,705	2	-57.4		2	51	21	2
UNITED STATES-NORTHEAST																																									
INTERNATIONAL FALLS	2	969		0.9	3.1					1,416	0	-0.3	6.7	2	39	337	4	2,952	0	-6.8	8.9	0	70	301	10	5,506	0	-22.5	10.5	0	72	293	15	9,064	0	-47.2		0	70	283	21
		11,683	0	-55.7		0	76	277	21	13,525	0	-53.9		0	83	280	17	16,119	0	-54.9		0	83	282	13	20,514	0	-57.9		0	64	309	4	23,753	1	-55.6		1	74	46	3
ST. CLOUD	2	975		3.8	2.6					1,437	1	3.9	8.8	1	53	285	5	2,994	0	-3.8	12.8	0	65	291	9	5,565	0	-21.1	9.3	0	66	286	13	9,143	0	-46.4		0	66	275	19
		11,762	0	-56.0		0	77	277	20	13,594	0	-55.5		0	82	277	17	16,173	0	-56.6		1	82	279	13	20,536	1	-59.5		1	55	306	3	23,761	2	-56.3		3	56	48	2
SAULT STE. MARIE	2	986		0.7	3.4					1,419	0	0.8	6.0	3	57	283	6	2,959	0	-6.6	8.5	2	74	271	10	5,514	1	-22.3	9.3	3	79	281	16	9,078	1	-45.8		2	81	282	22
		11,712	1	-55.8		2	89	284	21	13,547	1	-54.6		2	91	284	17	16,136	1	-55.5		2	93	289	13	20,513	1	-58.3		1	75	308	4	23,743	2	-55.7		2	62	46	2
CARIBOU	2	991		-2.0	4.7					1,399	0	-5.8	7.3	3	76	313	8	2,907	0	-11.1	9.1	1	75	297	12	5,426	0	-25.1	10.2	0	72	301	18	8,961	0	-47.2		2	68	289	22
		11,604	0	-52.4		6	73	279	19	13,469	0	-51.9		5	77	279	17	16,076	1	-54.3		5	75	273	11	20,498	2	-56.4		2	45	302	3	23,753	4	-54.9		4	49	112	2
PORTLAND/INTL JET PORT	2	1,013		3.4	7.0					1,435	0	-0.9	7.3	1	67	300	7	2,971	0	-6.9	9.2	1	79	288	13	5,524	0	-22.4	13.0	0	81	290	19	9,096	1	-45.3		2	81	291	26
		11,736	2	-54.1		4	83	284	25	13,578	2	-54.0		5	82	283	22	16,171	4	-56.6		6	81	279	17	20,550	4	-57.2		4	57	291	5	23,795	5	-55.3		5	11	346	**

UPPER AIR DATA

APRIL 1985

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																																									
DAYTON	2	981		9.3	4.0					1,484	0	6.1	7.2	2	74	260	9	3,049	0	-3.1	9.5	1	71	263	10	5,632	0	-19.1	12.0	0	80	274	15	9,239	0	-44.5		2	84	271	17
		11,866	0	-57.2		2	88	279	21	13,684	0	-57.0		2	93	278	19	16,233	0	-60.0		2	94	278	16	20,532	2	-61.6		2	67	303	4	23,734	3	-56.6		3	25	5	1
BUFFALO	2	989		5.6	4.0					1,457	0	2.9	5.5	1	83	270	11	3,005	0	-5.9	7.0	1	86	279	14	5,571	0	-20.7	10.3	1	85	277	18	9,149	1	-45.8		2	81	281	21
		11,772	1	-56.6		2	83	281	23	13,597	1	-56.1		2	89	283	21	16,170	1	-57.1		2	88	287	18	20,520	1	-59.2		2	72	301	6	23,744	3	-56.3		4	11	15	**
CHATHAM	2	1,014		6.2	4.1					1,451	0	1.7	8.0	2	75	277	10	2,997	0	-5.4	9.7	1	82	286	16	5,563	0	-20.8	12.3	1	82	284	22	9,141	2	-45.7		2	81	278	29
		11,766	3	-56.5		3	85	283	28	13,592	3	-56.1		3	84	277	22	16,152	3	-58.9		3	83	276	15	20,496	3	-58.7		3	65	280	5	23,721	5	-56.1		5	18	273	1
WASHINGTON DULLES	2	1,007		7.3	3.6					1,490	0	6.3	8.5	9	73	286	8	3,057	0	-2.2	11.0	8	75	279	12	5,653	0	-18.4	12.5	8	86	270	17	9,270	0	-44.1		8	84	275	25
		11,897	0	-57.4		9	86	272	23	13,712	0	-57.5		9	90	274	21	16,258	0	-60.7		9	88	277	16	20,558	0	-60.8		9	78	280	5	23,769	0	-55.9		9	69	293	2
UNITED STATES-SOUTHWEST																																									
OAKLAND	2	1,016		11.5	3.3					1,501	0	11.3	19.6	1	55	314	4	3,097	0	2.5	17.2	0	39	300	4	5,732	0	-15.2	14.8	2	59	293	9	9,377	0	-43.7		1	67	294	14
		11,985	0	-61.5		0	71	291	16	13,767	0	-61.4		0	77	283	14	16,274	0	-63.1		1	78	280	11	20,546	0	-61.7		0	31	252	2	23,739	1	-57.9		1	25	46	1
SAN DIEGO	2	1,000		12.6	2.1					1,490	0	13.1	18.2	3	40	301	2	3,094	0	3.7	19.6	1	35	284	3	5,739	0	-14.1	17.6	0	57	294	6	9,398	0	-42.7		1	62	302	11
		12,015	0	-60.9		0	75	292	15	13,797	0	-61.5		0	84	279	15	16,298	0	-64.3		1	91	271	10	20,530	1	-63.1		2	47	253	2	23,713	1	-57.5		2	23	335	1
DESERT ROCK	2	899		11.3	14.0					1,478	0	14.3	19.7	1	4	5	**	3,082	0	2.3	14.5	1	15	311	1	5,708	0	-16.1	14.9	0	49	292	6	9,342	0	-44.3		2	70	291	13
		11,950	0	-60.9		2	75	282	15	13,737	0	-60.3		3	88	278	13	16,248	0	-62.9		2	81	271	9	20,511	0	-62.2		0	32	240	1	23,696	0	-58.3		1	40	12	1
EL PASO	2	880		11.9	10.6					1,495	0	15.1	16.2	1	46	275	3	3,109	0	4.4	13.3	0	65	264	6	5,750	0	-14.8	14.3	0	65	262	9	9,404	0	-43.2		0	78	264	15
		12,023	1	-60.0		1	84	265	19	13,815	1	-60.2		1	87	262	17	16,320	1	-64.3		1	89	261	14	20,539	2	-63.1		2	44	274	2	23,719	4	-57.4		4	18	21	1
ALBUQUERQUE	2	837		7.9	8.6													3,084	0	2.3	12.3	1	69	290	7	5,707	0	-16.4	12.4	2	65	281	10	9,339	0	-44.4		1	63	273	14
		11,952	0	-59.1		3	71	276	15	13,755	0	-59.3		4	78	273	13	16,274	0	-62.6		0	84	262	11	20,527	1	-63.0		1	54	254	2	23,708	2	-57.7		3	44	349	2
OKLAHOMA CITY/W ROGERS WORLD	2	968		12.8	3.7					1,486	0	12.2	11.7	0	53	240	6	3,084	0	2.1	11.3	0	71	257	9	5,710	0	-15.8	12.0	0	75	263	13	9,347	1	-43.6		1	74	262	19
		11,972	2	-58.0		2	82	258	21	13,784	2	-58.4		2	89	263	19	16,314	2	-62.5		2	86	261	12	20,571	2	-62.6		2	43	264	2	23,760	4	-57.3		4	33	345	1
STEPHENVILLE	2	968		14.3	3.6					1,497	0	13.5	11.4	2	62	222	7	3,106	0	4.0	14.1	1	66	269	6	5,746	0	-14.7	15.4	0	79	271	11	9,409	0	-42.1	8.1	1	88	258	21
		12,037	0	-59.7		1	89	258	25	13,832	0	-59.9		1	93	255	21	16,345	0	-63.9		1	91	257	15	20,564	0	-63.5		2	30	261	1	23,746	0	-57.2		1	32	342	1
VICTORIA	2	*1,010*		*18.4*	*1.4*					*1,511*	*0*	*14.9*	*13.0*	*1*	*66*	*196*	*6*	*3,127*	*0*	*5.1*	*14.7*	*0*	*53*	*275*	*4*	*5,781*	*0*	*-13.0*	*14.5*	*0*	*80*	*270*	*10*	*9,469*	*0*	*-40.5*	*8.0*	*0*	*93*	*261*	*22*
		12,109	1	-59.9		1	95	262	31	13,899	2	-60.9		2	97	259	26	16,391	2	-65.9		2	95	257	17	20,558	3	-64.4		3	17	301	1	23,734	3	-57.3		3	37	343	2
BROWNSVILLE	2	1,013		20.8	2.4					1,513	0	16.6	12.3	2	71	175	6	3,139	0	6.8	14.5	0	51	243	4	5,809	0	-11.9	11.0	0	91	262	11	9,517	0	-39.4	9.3	0	94	255	23
		12,168	0	-59.4		0	96	257	34	13,953	0	-62.3		0	98	255	30	16,430	1	-68.5		1	94	250	16	20,562	1	-64.4		1	15	61	1	23,750	2	-56.0		2	38	22	2
UNITED STATES-SOUTHEAST																																									
WALLOPS ISLAND	2	1,016		10.3	3.9					1,500	0	7.0	9.3	0	68	282	7	3,072	0	-1.8	11.1	0	71	274	10	5,673	0	-17.7	12.4	0	81	271	16	9,298	0	-43.9		0	78	274	23
		11,924	0	-58.0		0	82	273	25	13,735	0	-58.3		1	88	271	23	16,273	0	-61.1		3	84	283	17	20,566	0	-61.3		4	62	310	5	23,775	0	-55.7		5	26	352	1
MONETT	2	964		10.3	3.1					1,490	0	8.9	7.9	0	59	254	7	3,074	0	0.3	12.2	0	63	272	9	5,689	0	-16.6	12.2	0	68	267	13	9,323	2	-43.3	5.4	2	69	273	17
		11,954	2	-57.5		2	85	267	21	13,774	2	-57.4		2	91	271	17	16,310	3	-60.9		3	89	264	12	20,591	4	-62.2		4	43	309	2	23,789	4	-57.1		4	47	335	2
NORTH LITTLE ROCK	2	996		13.9	3.7					1,507	2	9.9	8.5	2	64	236	7	3,094	2	0.9	11.5	2	64	266	7	5,716	2	-16.0	13.4	2	66	274	10	9,362	2	-43.0	9.2	3	84	266	18
		11,991	2	-58.7		3	93	267	21	13,796	2	-58.8		3	94	270	19	16,320	2	-63.0		4	94	267	12	20,556	4	-64.0		4	45	287	2	23,733	6	-57.2		6	46	322	2
LONGVIEW	2	1,001		14.9	2.8					1,509	0	11.5	11.2	0	58	234	6	3,108	0	2.7	13.6	1	67	268	7	5,744	0	-15.0	15.8	0	77	271	11	9,403	0	-42.3	3.2	0	83	268	20
		12,035	0	-58.7		1	96	267	26	13,838	0	-59.7		1	97	262	21	16,354	0	-63.9		1	93	261	14	20,572	0	-63.4		1	35	276	2	23,762	0	-56.3		0	28	4	1
NASHVILLE	2	996		11.8	3.9					1,506	2	7.3	7.8	2	74	245	8	3,078	2	-1.3	11.4	2	74	255	10	5,684	2	-17.1	11.6	2	82	261	15	9,316	2	-43.9		2	85	264	22
		11,948	3	-57.8		6	90	272	22	13,760	3	-58.0		6	97	270	20	16,288	3	-62.5		5	95	273	15	20,537	3	-63.4		4	48	296	3	23,719	3	-57.5		3	17	10	1
WAYCROSS	2	1,013		13.0	3.9					1,524	0	10.6	12.3	2	34	255	3	3,117	0	2.2	14.8	2	56	255	6	5,754	0	-14.2	14.3	0	75	266	11	9,430	0	-41.1	7.5	0	85	267	22
		12,071	1	-58.8		2	90	273	26	13,869	1	-60.3		2	92	272	24	16,371	1	-65.3		2	87	273	17	20,567	2	-64.8		2	46	302	3	23,748	2	-56.4		2	40	328	1
CAPE HATTERAS	2	1,017		15.2	4.0					1,516	0	9.3	11.3	0	63	280	6	3,099	0	-0.1	11.8	0	60	272	7	5,718	0	-15.9	13.7	0	78	270	13	9,363	0	-42.7	6.6	4	69	277	14
		11,994	0	-58.4		5	76	278	17	13,798	0	-59.2		5	84	277	18	16,320	0	-62.7		5	81	285	15	20,577	0	-62.2		4	64	299	5	23,784	3	-55.8		5	40	303	1
CHARLESTON	2	1,017		13.8	4.1					1,528	0	10.4	12.1	2	34	255	3	3,117	0	1.2	12.2	1	49	267	5	5,748	0	-14.8	14.5	0	81	268	13	9,411	0	-42.0	8.3	1	80	272	20
		12,045	0	-58.4		2	87	276	24	13,850	0	-59.5		2	89	273	22	16,360	0	-64.0		2	87	278	16	20,579	0	-63.8		2	58	292	5	23,768	1	-55.8		3	37	306	2
CENTREVILLE	2	*1,002*		*12.7*	*3.1*					*1,524*	*0*	*9.3*	*9.6*	*3*	*39*	*242*	*3*	*3,110*	*0*	*1.1*	*11.6*	*1*	*63*	*269*	*7*	*5,739*	*0*	*-15.4*	*12.8*	*1*	*77*	*264*	*12*	*9,397*	*1*	*-42.1*	*5.6*	*2*	*87*	*264*	*21*
		12,035	0	-58.5		0	92	268	27	13,840	0	-59.2		1	96	265	23	16,354	0	-64.0		0	94	267	17	20,569	1	-64.2		1	48	294	3	23,750	1	-56.6		2	37	336	2
BOOTHVILLE	2	1,017		18.6	2.8					1,529	1	12.3	10.5	2	44	229	3	3,132	1	3.8	12.8	1	79	271	6	5,782	1	-13.1	14.5	1	92	271	12	9,473	2	-39.9	8.1	2	92	262	24
		12,128	3	-57.9		5	96	265	30	13,921	4	-60.5		5	97	262	27	16,418	4	-66.2		6	96	265	15	20,589	6	-64.8		7	25	299	1	23,772	8	-56.1		8	38	2	2
APALACHICOLA	2	1,017		16.2	3.6					1,530	0	11.7	11.0	0	25	227	2	3,128	0	3.0	12.6	1	54	257	5	5,776	0	-13.3	13.2	1	79	266	11	9,471	1	-39.9	8.1	1	89	266	22
		12,121	1	-58.6		2	92	268	29	13,916	3	-60.7		3	94	269	25	16,413	3	-66.0		3	88	270	17	20,591	5	-65.0		5	34	303	2	23,776	5	-55.3		5	28	301	1
WEST PALM BEACH	2	1,017		19.3	3.2					1,538	0	12.6	8.6	0	13	111	1	3,145	0	4.6	13.8	1	43	259	3	5,809	0	-11.4	14.0	1	79	280	9	9,526	2	-38.6	10.4	2	87	274	20
		12,191	2	-57.9		2	89	275	30	13,984	3	-61.0		3	90	271	26	16,454	3	-68.9		4	82	278	15	20,595	5	-65.5		5	55	355	3	23,788	6	-55.5		6	15	55	1
KEY WEST	2	1,017		22.7	4.6					1,538	0	13.5	7.7	0	41	115	2	3,151	0	5.8	14.4	0	48	266	3	5,828	0	-10.1	14.8	0	81	284	9	9,565	1	-37.2	11.7	1	87	277	20
		12,244	1	-57.0		1	91	276	30	14,035	1	-62.4		1	93	271	28	16,490	1	-70.5		1	82	278	15	20,600	1	-65.8		2	46	360	3	23,793	1	-55.3		1	9	20	**
MEXICO-NORTHERN																																									
EMPALME	2	1,010		16.9	7.2					1,498	0	15.9	15.1	5	24	148	1	3,115	0	5.0	14.2	5	47	187	3	5,768	0	-13.3	16.4	5	61	247	5	9,438	0	-42.2	9.9	5	79	265	12
		12,070	1	-59.6		5	93	263	19	13,856	1	-61.3		5	95	262	18	16,347	1	-66.0		5	93	260	14	20,534	4	-63.9		8	51	260	3	23,712	4	-58.0		9	26	356	1
MAZATLAN CARRASCO	2	1,011		19.2	1.6					1,498	0	17.8	17.0	0	68	141	3	3,129	0	7.7	16.5	0	79	208	6	5,807	0	-11.0	13.3	0	92	240	12	9,523	0	-38.5	9.5	2	95	249	26
		12,184	0	-58.8		1	95	247	33	13,964	0	-63.3		1	96	247	31	16,421	0	-69.3		1	94	245	17	20,535	2	-66.0		4	7	205	**	23,704	5	-57.1		7	34	37	2
MONTERREY AEROP. INTL	2	962		18.4	4.1					1,505	0	16.6	9.4	2	44	173	2	3,134	0	7.0	13.8	1	58	270	3	5,799	0	-12.7	10.8	0	89	253	11	9,497	0	-40.1	9.6	1	93	249	21
		12,140	1	-60.2		4	96	254	30	13,916	1	-63.7		7	97	254	26	16,378	1	-69.3		7	93	252	16	20,498	5	-65.2		6	15	301	1	23,674	8	-55.7		8	32	54	1
CHIHUAHUA UNIV. DE	2	857		10.9	7.6					1,500	1	13.7	12.7	1	64	221	1	3,117	0	6.0	13.7	0	61	242	4	5,776	0	-13.4	12.9	0	75	250	7	9,451	0	-41.6	8.4	0	88	253	15
		12,088	0	-59.2		0	91	254	22	13,878	0	-61.0		0	94	252	21	16,375	0	-65.6		0	92	254	15	20,553	7	-63.8		7	59	251	3	23,726	10	-57.3		12	50	298	2
MEXICO-SOUTHERN																																									
MANZANILLO	2	1,011		19.5	2.5					1,506	0	20.3	19.3	0	79	301	4	3,146	0	8.4	12.9	1	81	214	5	5,834	0	-10.0	12.8	0	90	242	10	9,577	0	-37.0	10.4	0	95	258	22
		12,253	*0*	*-58.2*		*0*	*96*	*254*	*31*	*14,021*	*0*	*-66.1*		*1*	*97*	*256*	*29*	*16,443*	*2*	*-73.8*		*2*	*89*	*249*	*12*	*20,490*	*9*	*-66.7*		*9*	*29*	*103*	*1*	*23,660*	*10*	*-56.4*		*10*	*37*	*31*	*2*
VERACRUZ, YLANG YLANG	2	1,011		22.8	1.8					1,516	0	17.1	5.0	0	17	139	1	3,152	0	9.2	11.7	0	16	248	1	5,850	0	-8.7	9.3	0	81	236	6	9,610	0	-36.1	11.1	0	96	233	19
		12,301	0	-56.8		0	95	232	27	14,080	1	-66.8		1	96	228	24	16,494	1	-74.0		2	87	224	11	20,557	4	-66.0		5	56	74	2	23,758	10	-53.8		10	53	23	2

UPPER AIR DATA

APRIL 1985

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
MEXICO-SOUTHERN																																									
MERIDA AEROP. INTL.	2	1,013		21.1	1.3					1,527	0	16.7	8.4	2	69	117	4	3,159	0	8.2	12.5	1	38	335	2	5,852	0	-8.4	15.4	1	81	287	7	9,615	1	-35.7	9.6	1	94	264	19
		12,312	1	-56.0		1	95	259	28	14,099	1	-64.2		1	98	256	27	16,529	1	-72.6		2	89	257	12	20,616	1	-65.4		1	44	69	2	23,818	3	-54.9		3	68	48	3
MEXICO CITY INT.AP. D.F.	2	782		10.5	5.1													3,155	1	8.8	6.6	6	68	220	2	5,847	1	-9.0	10.5	3	86	262	9	9,605	1	-36.2	10.9	4	97	257	19
		12,294	1	-57.3		4	96	252	28	14,065	2	-66.3		6	97	251	26	16,486	2	-73.3		6	82	249	10	20,562	6	-66.5		10	46	144	2	23,740	8	-56.2		12	35	355	1
GUATEMALA																																									
GUATEMALA/LA AURORA AP	2	853		15.3	1.5					1,521	0	14.8	2.1	1	95	9	4	3,147	0	7.7	9.8	1	67	46	3	5,853	0	-6.6	19.2	1	40	326	2	9,633	0	-34.7	13.0	2	88	261	11
		12,339	1	-56.0		3	91	247	17	14,114	1	-67.8		3	94	253	16	16,495	1	-76.7		3	53	250	4	20,534	5	-64.5		7	68	92	3	23,734	6	-54.7		8	32	330	1
ADJACENT ISLANDS																																									
GUANTANAMO ORIENTE	2	1,011		22.4	6.2					1,523	5	13.7	11.0					3,142	5	6.7	18.3					5,832	5	-7.0	18.5					9,610	5	-35.3	13.1				
		12,323	5	-53.8																																					
OWENS ROBERTS AP, GRAND CAYM	2	1,014		23.7	2.5					1,529	0	15.2	5.4	0	82	100	4	3,150	0	6.5	11.7	0	51	93	2	5,851	0	-7.1	17.5	0	75	302	7	9,624	0	-35.4	12.4	0	89	279	18
		12,321	0	-56.1		3	93	277	26	14,104	0	-65.6		7	94	272	21	16,509	0	-74.8		7	66	299	7	20,572	0	-64.8		5	75	55	3	23,776	0	-54.5		0	56	46	2
SAN JUAN/INT., P.R.	2	1,016		21.9	1.8					1,532	0	13.5	4.8	0	84	115	5	3,146	0	7.0	16.0	0	25	106	2	5,845	0	-7.0	18.2	0	64	292	5	9,622	0	-34.8	14.1	0	91	291	17
		12,333	0	-54.7		0	95	281	28	14,126	0	-65.6		0	98	283	26	16,527	0	-75.6		0	80	290	10	20,599	0	-64.5		0	60	62	3	23,806	1	-54.4		1	76	90	4
JULIANA AP, ST. MAARTEN	2	1,015		25.4	4.4					1,531	8	14.1	4.8	11	74	112	5	3,147	8	6.7	13.8	11	57	107	3	5,851	8	-6.8	17.5	12	37	327	3	9,627	11	-34.5	12.9	15	90	291	15
		12,347	13	-54.8		16	95	285	22	14,138	14	-65.2		17	93	277	20	16,538	14	-76.3		17	78	289	9	20,605	15	-64.0		17	63	66	3	23,803	17	-54.5		20	89	79	4
RAIZET, GUADELOUPE	2	1,014		24.2	4.2					1,528	0	14.0	4.1	0	89	103	6	3,144	0	7.4	15.7	0	25	117	2	5,848	0	-6.6	21.2	0	56	273	4	9,642	1	-32.8	18.3	1	89	284	15
		12,370	1	-54.0		1	92	272	23	14,159	1	-66.9		1	92	274	21	16,538	1	-77.3		2	78	280	12	20,558	3	-66.8		3	30	32	3	23,728	4	-56.3		4	36	38	3
GRANTLEY ADAMS AP.BARBADOS	2	1,010		25.6	4.8					1,535	0	14.7	3.2	0	93	85	7	3,159	0	7.7	12.7	0	22	186	1	5,867	0	-6.8	14.5	0	47	287	3	9,672	0	-32.5	12.4	0	83	283	14
		12,399	0	-54.7		0	89	260	21	14,182	0	-67.8		0	94	267	21	16,543	0	-78.8		0	71	277	9	20,603	0	-63.6		0	58	66	3	23,826	3	-52.6		3	16	326	1
PIARCO INT. AP, TRINIDAD	2	1,012		24.5	3.0					1,522	1	16.4	4.6	1	97	96	6	3,154	1	8.4	10.4	1	38	166	2	5,866	2	-6.0	14.5	2	36	305	2	9,687	2	-31.5	11.9	2	79	279	10
		12,421	2	-54.1		2	89	256	16	14,209	2	-67.7		2	91	265	16	16,567	2	-80.1		2	64	286	5	20,601	4	-63.1		4	43	53	2	23,820	7	-52.8		7	74	272	4
HATO AP,CURACAO	3	1,005		25.4	4.0					1,507	0	16.8	5.6	1	93	96	7	3,139	0	8.4	12.3	1	29	203	1	5,852	0	-5.6	17.7	1	17	304	1	9,659	0	-32.3	15.2	1	85	275	11
		12,386	0	-54.5		1	88	248	15	14,169	0	-66.3		1	92	255	14	16,535	0	-79.0		1	49	286	5	20,576	1	-64.2		1	48	72	3	23,766	2	-54.6		2	52	265	2
SAN ANDRES,COLOMBIA	2	1,012		25.9	3.4					1,510	0	15.6	4.2	0	94	60	7	3,138	0	8.2	13.1	0	44	47	2	5,859	0	-4.5	18.5	1	22	353	1	9,671	8	-32.9	12.5	7	82	278	10
		12,393	8	-55.0		8	88	258	15	14,173	10	-69.0		10	84	258	13	16,527	10	-80.5		10	38	274	3																
DOMINICAN REPUBLIC																																									
SANTO DOMINGO	2	1,013		22.1	1.4					1,527	8	14.0	2.1	8	80	104	5	3,146	8	6.8	11.9	8	65	99	3	5,853	8	-6.2	19.0	8	50	295	4	9,638	10	-34.5	12.7	11	93	290	16
		12,348	10	-55.2		12	97	290	23	14,142	12	-64.8		13	98	287	22	16,545	12	-76.3		14	72	305	9	20,600	15	-65.3		16	41	34	2	23,807	19	-53.5		20	65	127	3
SOUTH AMERICA																																									
FRENCH GUIANA																																									
CAYENNE/ROCHAMBEAU	2	1,012		24.2	1.4					1,514	0	15.4	2.4	0	98	73	8	3,144	0	9.1	11.0	0	80	97	5	5,858	0	-5.9	13.2	0	23	286	1	9,676	0	-30.8	14.7	0	54	246	4
		12,420	0	-52.8		0	64	226	7	14,216	1	-66.7		1	77	254	13	16,573	1	-80.5		1	75	278	6	20,575	1	-65.3		1	27	261	1	23,772	2	-53.7		5	95	273	12
COLOMBIA																																									
GAVIOTAS	2	982		25.3	3.6					1,420	0	17.8	3.7	4	86	37	5	3,053	0	7.7	2.3	3	38	69	2	5,749	0	-7.2	8.7	4	12	131	1	9,540	2	-34.5	11.6	6	33	187	2
		12,231	2	-57.8		6	50	209	6	13,980	2	-72.4		7	68	265	7	16,307	3	-77.4		9	42	123	3																
BRAZIL-NORTHERN																																									
MANAUS AERO PONTA PELADA		1,002		25.3	1.9					1,518	4	17.9	4.6	0	92	66	5	3,153	4	8.7	4.6	0	68	84	3	5,873	5	-6.4	7.8	0	56	124	3	9,678	5	-34.1	14.7	0	69	115	6
		12,414	4	-53.9		0	68	127	7	14,203	3	-67.0		0	38	173	4	16,565	4	-82.0		1	36	106	3	20,587	6	-63.7		6	63	270	5	23,811	6	-53.7		6	89	271	11
BELEM/AERO VAL DE CAS		1,011		25.9	3.1					1,525	2	17.5	3.9	1	87	66	5	3,166	3	10.0	9.2	2	85	80	6	5,891	2	-5.1	11.3	2	65	57	3	9,719	3	-31.5	15.5	2	65	108	4
		12,464	4	-52.3		3	50	120	4	14,259	4	-65.9		5	50	235	4	16,626	5	-81.3		9	19	241	1	20,664	12	-63.8		9	36	231	2	23,872	14	-53.5		13	94	258	9
FORTALEZA		1,009		26.1	2.6					1,517	10	18.1	2.7	11	46	110	2	3,155	9	10.4	6.0	11	72	99	4	5,882	9	-4.6	9.4	11	61	102	3	9,713	9	-30.7	15.5	10	21	114	2
		12,456	10	-53.2		9	5	305	0	14,245	9	-62.7		9	58	299	6	16,609	12	-79.4		11	25	102	2																
FERNANDO DE NORONHA		1,005		26.8	2.8					1,517	6	17.9	3.7	5	44	87	2	3,160	5	9.7	5.5	5	76	86	3	5,881	5	-5.5	10.0	5	86	85	4	9,708	5	-30.8	13.5	6	15	80	1
		12,449	5	-53.9		5	9	16	1	14,234	5	-67.6		5	68	305	6	16,572	7	-81.3		7	20	22	1	20,587	11	-65.0		11	65	273	5								
FLORIANO		998		25.0	2.3					1,517	6	18.2	6.8	5	79	104	4	3,153	5	10.2	10.5	6	57	86	2	5,874	8	-5.0		8	46	84	2	9,702	8	-31.2		8	13	83	1
		12,430	9	-53.9		9	38	220	3	14,212	12	-68.4		11	41	217	3	16,566	10	-78.7		10	51	80	4	20,580	12	-65.8		12	38	146	2								
BOM JESUS DA LAPA		963		24.0	3.6					1,526	9	18.1	6.7	8	82	104	6	3,164	10	9.7	8.7	8	66	116	4	5,878	10	-5.7	17.0	8	40	151	3	9,693	10	-31.5	16.2	8	32	252	3
		12,416	10	-55.2		8	27	230	4	14,200	11	-65.9		9	43	216	5	16,597	10	-78.7		10	53	162	5	20,606	9	-65.2		10	64	107	7								
RECIFE /CURADO/		1,011		27.0	3.1					1,508	6	18.1	4.6	5	35	123	2	3,156	6	10.3	6.8	5	34	104	2	5,877	8	-4.7	9.7	7	26	50	2	9,706	9	-30.5		8	14	298	1
		12,449	9	-53.3		8	61	293	5	14,236	10	-64.0		9	48	280	4	16,597	10	-79.5		9	38	270	3	20,662	13	-63.6		13	28	111	2								
BRAZIL-SOUTHERN																																									
BRASILIA/AEROPORTO/		898		22.0	5.4					1,532	4	18.6	6.0	3	92	54	6	3,174	4	9.1	9.4	3	55	33	2	5,894	4	-5.2	17.1	3	19	234	1	9,712	3	-31.7	19.9	4	70	187	8
		12,454		-53.4		4	84	188	15	14,246	3	-67.1		4	77	192	14	16,601	3	-78.6		4	49	152	4	20,650	8	-67.1		8	94	79	12	23,824	10	-54.5		11	84	67	10
CARAVELAS	2	1,014		26.1	3.1					1,536	4	16.2	3.9					3,164	4	8.4	12.8					5,872	4	-6.2	18.7					9,678	9	-32.1	18.2				
		12,403	9	-53.8						14,207	11	-66.5						16,611	13	-75.8						20,688	15	-64.4													
TRINIDADE/ILHA/		1,016		26.6	4.8					1,546	8	14.4	3.8	6	86	94	5	3,169	6	7.8	12.4	7	52	82	3	5,863	7	-7.4	30.2	7	48	215	3	9,630	8	-35.3	27.9	10	46	215	3
		12,327	9	-56.4		10	68	265	16	14,104	11	-67.2		13	77	262	15	16,491	11	-75.9		15	48	229	4																
GALEAO		1,011		25.1	5.0					1,551	1	17.2	6.5	1	32	28	2	3,184	1	8.8	14.4	1	24	5	1	5,899	1	-6.8	17.8	1	37	280	2	9,691	2	-34.0	17.1	2	55	243	8
		12,410	2	-54.3		2	74	242	17	14,208	2	-65.2		3	78	240	15	16,618	2	-75.4		4	60	226	5	20,714	5	-63.8		8	95	95	10	23,910	6	-54.6		8	95	105	12
SAO PAULO(AEROPORTO)		926		20.2	4.3					1,540	2	16.8	5.7	2	44	6	3	3,174	2	8.7	11.4	2	63	326	3	5,882	3	-6.7	17.7	2	63	326	3	9,671	5	-33.8	18.4	3	75	250	11
		12,396	4	-53.4		4	81	249	20	14,191	3	-65.0		5	85	238	17	16,597	4	-74.2		7	65	232	7	20,690	12	-64.5		15	97	100	11	23,877	12	-55.6		15	97	101	12
CURITIBA (AEROPORTO)		914		18.6	2.8					1,529	4	16.0	4.7	3	42	10	3	3,163	4	9.1	13.7	3	64	300	4	5,874	3	-6.8	22.0	3	66	282	5	9,673	3	-33.7	19.7	3	82	254	14
		12,391	3	-53.1		5	86	252	21	14,207	5	-64.4		6	87	248	20	16,617	3	-73.7		9	70	226	8	20,762	4	-61.5		8	86	87	8	23,981	6	-52.8		10	79	89	8
PORTO ALEGRE (AEROPORTO)		1,014		20.1	3.2					1,519	1	14.0	6.5	3	69	296	6	3,137	1	6.9	15.7	3	59	294	5	5,826	2	-9.2	17.7	6	82	264	9	9,576	2	-36.0	17.2	6	86	252	19
		12,280	2	-54.5		9	89	244	26	14,086	3	-63.1		13	94	234	26	16,530	3	-70.6						20,699	8	-61.8						23,910	11	-54.8					

UPPER AIR DATA

APRIL 1985

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
SOUTH AMERICA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
CHILE																																									
ANTOFAGASTA	2	1,001		15.2	2.8					1,499	2	18.0	21.6	2	61	72	2	3,138	2	10.1	22.4	2	19	273	1	5,850	2	-6.8	19.0	2	68	266	6	9,636	2	-33.9	14.5	2	96	285	21
		12,352	2	-55.1		3	96	288	30	14,140	2	-66.1		5	96	288	24	16,539	3	-75.9		6	91	276	11	20,634	4	-63.9		6	90	97	8	23,846	9	-54.7		11	97	90	11
QUINTERO	2	1,017		9.3	1.4					1,515	0	13.2	20.5	0	49	178	2	3,125	0	4.8	20.3	0	52	314	3	5,781	0	-12.9	17.0	0	78	266	11	9,471	0	-40.2	11.9	0	78	267	21
		12,132	0	-55.4		3	82	268	25	13,947	0	-60.0		6	91	270	22	16,435	0	-67.2		8	93	273	16	20,650	2	-59.8		9	18	304	1	23,888	2	-53.8		9	70	86	5
PUERTO MONTT	2	1,006		7.3	1.0					1,464	1	2.2	3.8	2	77	267	8	3,015	1	-4.4	10.0	2	84	257	14	5,598	1	-19.0	13.1	3	82	254	20	9,199	3	-44.1	7.8	7	75	252	26
		11,841	4	-53.9		7	81	252	25	13,677	5	-57.0		8	90	255	22	16,229	5	-59.8		8	91	259	18	20,578	6	-56.9		10	89	264	6	23,845	8	-52.8		12	27	260	2
PUNTA ARENAS	2	996		4.6	2.1					1,322	0	-0.7	4.5	0	77	270	11	2,848	0	-9.6	8.5	0	78	265	13	5,365	0	-26.6	7.5	1	77	266	15	8,881	1	-49.7		5	85	263	24
		11,494	1	-52.6		9	87	257	20	13,353	2	-52.8		11	93	259	17	15,964	2	-53.4		13	95	261	15	20,415	6	-54.3		16	92	269	13	23,701	11	-53.2		19	96	272	14
ANTARCTICA																																									
B. A. VICECOMODORO MARAMBIO	2	965		-11.0	1.3					1,184	5	-6.2	8.7	6	56	296	5	2,676	6	-15.0	9.7	6	59	282	6	5,142	5	-31.1	11.3	6	61	272	9	8,576	5	-54.0	12.0	6	65	273	14
		11,176	5	-51.0		6	72	276	14	13,047	5	-51.6		6	83	273	14	15,666	5	-53.0		6	84	275	15	20,093	5	-56.3		6	87	276	18	23,332	10	-57.2		15	90	277	21
SYOWA	1	985		-7.3	4.9					1,151	1	-13.4	6.3	1	71	22	15	2,609	2	-21.0	8.7	2	38	14	6	5,024	2	-35.3	8.2	2	29	321	6	8,421	2	-54.1		2	62	287	19
		11,039	2	-51.3		2	85	270	25	12,905	2	-52.4		2	86	272	28	15,503	3	-56.0		3	91	270	32	19,858	4	-60.9		5	94	270	40	23,035	8	-62.4					
CASEY	1	985		-9.3	2.7					1,149	0	-11.3		7	61	45	10	2,616	0	-18.8	6.5	1	11	7	2	5,049	0	-33.7	4.2	0	37	288	4	8,458	0	-54.1		0	64	276	9
		10,800	0	-50.8		0	89	283	13	12,952	0	-51.6		0	93	286	13	15,563	0	-54.5		1	94	285	31	19,952	0	-58.9		2	96	285	20					7	97	282	46
LENINGRADSKAJA	0	952		-15.9	3.5					1,163	7	-17.2	4.1	7	45	113	4	2,611	7	-20.9	4.9	7	70	276	6	5,049	7	-32.6	5.6	8	87	272	13	8,508	7	-49.0	5.0	7	92	273	22
		11,740	7	-48.7	6.8	7	96	272	25	13,025	8	-49.3	7.7	8	97	273	24	15,678	8	-52.4	8.3	8	97	274	25	20,098	8	-57.6	8.5	8	98	272	26	23,294	8	-60.7	8.7	8	98	270	29
MCMURDO	1	989		-30.5						1,142	3	-23.3		3	42	195	18	2,546	3	-28.1		3	50	200	17	4,907	3	-39.6		3	27	195	25	8,261	3	-55.0		3	29	290	21
		10,874	4	-51.9		4	80	280	22	12,747	4	-52.2		6	89	285	26	15,377	8	-54.6		8	91	280	30	19,776	12	-57.8		9	82	305	43	23,025	16	-59.2		9	87	300	52
EUROPE																																									
GREENLAND																																									
DANMARKSHAVN	3	1,017		-20.5	4.2					1,361	0	-16.5	9.4	0	69	295	5	2,813	0	-20.5	9.5	0	65	296	5	5,234	0	-34.5	8.2	0	69	294	10	8,654	0	-50.9		0	78	288	15
		11,330	0	-45.6		0	87	284	10	13,249	0	-45.4		0	89	285	8	15,951	0	-46.3		0	86	293	6	20,529	0	-48.0		0	76	331	4	23,898	0	-48.2		0	70	350	3
SCORESBYSUND	3	1,011		-13.5	3.3					1,392	0	-10.8	12.4	0	36	303	3	2,870	0	-15.9	14.2	0	49	290	5	5,333	0	-30.2	12.9	0	60	279	8	8,782	0	-53.3		0	66	277	15
		11,398	0	-49.0		0	82	278	11	13,290	0	-48.1		0	84	278	9	15,954	0	-49.3		0	83	283	6	20,473	0	-50.7		0	66	316	3	23,797	0	-50.8		0	75	29	3
EGEDESMINDE	3	1,006		-8.5	2.7					1,337	0	-10.9	8.1	0	48	192	3	2,810	0	-17.4	9.1	0	65	201	6	5,260	0	-31.3	6.8	0	68	210	10	8,710	0	-50.2		2	64	209	12
		11,365	0	-47.0		4	76	220	10	13,279	0	-46.0		4	80	223	8	15,969	0	-47.3		7	68	227	4	20,529	0	-49.6						23,878	0	-48.0					
ANGMAGSSALIK	3	1,007		-3.1	3.9					1,382	0	-7.8	6.2	0	75	68	7	2,872	0	-14.7	5.9	0	41	118	4	5,351	0	-29.3	7.1	0	54	191	7	8,826	0	-50.2		0	63	204	13
		11,473	0	-48.9		0	76	227	9	13,373	0	-47.8		0	78	235	7	16,042	0	-49.6		0	76	236	5	20,557	0	-51.2		0	33	144	1	23,881	0	-50.9		1	83	94	4
NARSSARSSUAQ	3	1,007		2.2	6.8					1,356	0	-6.5	6.0	0	70	98	3	2,847	0	-15.2	6.8	0	58	148	4	5,321	0	-29.4	9.4	0	57	184	7	8,800	0	-48.7		0	61	205	11
		11,469	0	-47.2		0	90	226	11	13,374	0	-46.9		7	4	210	7	16,046	2	-49.3		2	70	216	4	20,554	2	-52.3		2	44	141	2	23,866	2	-51.6		2	85	94	5
ICELAND																																									
KEFLAVIK	2	1,004		4.6	3.7					1,368	0	-3.9	4.9	0	28	155	3	2,881	0	-11.3	7.1	0	25	199	3	5,388	0	-27.0	7.9	0	23	260	3	8,895	1	-49.9		1	44	268	7
		11,528	1	-51.0		1	73	272	10	13,407	1	-49.5		1	75	271	8	16,067	3	-51.5		3	77	269	5	20,551	4	-53.0		4	33	323	1	23,851	4	-52.3		4	90	70	3
UNITED KINGDOM																																									
LERWICK	3	997		4.9	2.7					1,363	0	-3.8	3.7	0	17	300	2	2,874	0	-11.2	8.2	0	35	294	4	5,383	0	-26.3	9.1	0	50	291	9	8,885	0	-50.8		0	59	299	17
		11,507	0	-51.0		0	74	300	13	13,383	0	-50.3		0	75	293	10	16,015	0	-52.8		0	76	295	7	20,453	0	-55.0		0	79	336	4	23,716	1	-54.6		1	82	38	4
STORNOWAY	3	1,007		6.5	3.0					1,377	0	-1.9	3.6	0	36	271	4	2,900	0	-9.4	7.2	0	49	286	7	5,427	0	-24.6	7.6	0	58	283	11	8,951	0	-49.4		0	58	289	16
		11,568	0	-52.9		0	67	291	13	13,431	0	-51.5		0	67	291	10	16,055	0	-53.4		0	67	287	6	20,481	0	-55.8		0	65	338	3	23,740	0	-54.9		0	72	39	4
AUGHTON	0	1,004		8.0	3.5					1,403	0	-0.6	4.5	0	56	281	7	2,933	0	-7.9	7.9	0	59	286	9	5,472	0	-23.6	9.9	0	58	291	12	9,006	0	-48.6		0	59	298	16
		11,622	0	-54.6		0	64	294	14	13,472	0	-52.5		0	70	289	10	16,076	0	-55.1		0	70	292	6	20,469	0	-57.6		0	67	334	3	23,704	0	-56.1		0	76	40	4
CRAWLEY	3	996		8.5	3.5					1,429	0	0.7	6.1	0	54	274	7	2,966	0	-7.2	9.6	0	63	274	9	5,514	0	-22.6	10.2	0	61	284	13	9,053	0	-49.0		0	58	290	15
		11,657	0	-55.3		0	68	294	14	13,503	0	-53.3		0	75	281	10	16,099	0	-56.0		0	79	286	7	20,468	0	-58.4		0	40	308	2	23,696	2	-56.8		2	57	38	3
IRELAND																																									
VALENTIA OBSERVATORY	3	1,010		9.8	3.4					1,423	0	1.1	6.1	0	42	270	6	2,964	0	-6.0	11.0	0	47	278	8	5,519	0	-22.0	13.2	0	44	286	9	9,074	0	-47.6	11.0	0	43	293	12
		11,679	0	-55.3		0	54	288	12	13,533	0	-52.7		0	57	283	9	16,144	0	-55.1		3	56	283	5	20,510	18	-57.1						23,768	28	-52.5					
DENMARK AND FAROE IS																																									
THORSHAVN	3	1,001		4.3	3.6					1,364	0	-4.6	4.8	0	18	27	2	2,873	0	-11.8	10.1	0	25	317	3	5,379	0	-26.3	10.9	0	53	298	10	8,890	0	-49.7		0	65	291	18
		11,526	0	-50.1		0	74	299	14	13,410	0	-49.4		0	77	297	10	16,058	0	-51.3		0	79	298	7	20,529	0	-53.3		1	78	335	3	23,827	6	-52.5					
KOBENHAVN/JAEGERSBORG	3	1,003		5.4	3.7					1,374	0	-1.6	6.8	0	57	270	6	2,897	0	-10.0	8.8	0	65	270	8	5,413	0	-26.3	10.1	0	61	279	10	8,927	0	-48.6		0	69	285	14
		11,568	0	-50.4		0	86	284	12	13,450	0	-49.9		0	92	285	10	16,090	0	-52.6		0	94	288	7	20,525	0	-55.1		0	69	332	3	23,790	0	-54.7		0	73	33	4
NORWAY																																									
BJORNOYA	3	1,006		-7.4	2.0					1,311	0	-13.9	4.6	0	48	348	4	2,764	0	-21.5	9.1	0	48	322	5	5,169	0	-36.5	9.9	0	43	317	6	8,577	1	-49.2	17.8	1	42	320	6
		11,270	1	-45.1	28.1	1	72	315	7	13,188	1	-45.7	29.5	1	76	315	7	15,880	1	-47.2	30.2	2	76	323	6	20,448	1	-48.8	30.3	2	78	359	5	23,803	3	-48.8	30.4	4	82	30	5
JAN MAYEN	3	1,014		-5.8	3.1					1,372	0	-11.3	7.5	0	34	333	3	2,846	0	-17.4	13.0	0	61	310	5	5,295	0	-31.8	13.0	0	70	310	9	8,743	0	-51.2	14.7	0	82	305	15
		11,395	0	-47.2	30.0	0	89	300	10	13,300	0	-47.1	31.4	0	91	296	9	15,978	1	-48.5	31.7	1	89	302	7	20,520	2	-49.8	31.8	2	75	339	4	23,861	4	-49.8	32.6	5	78	25	4
BODO	3	1,006		1.1	3.6					1,338	0	-8.3	4.7	0	50	280	4	2,820	0	-16.8	4.8	0	67	294	6	5,339	0	-32.5	6.3	0	69	295	9	8,723	0	-49.0		0	79	295	13
		11,405	0	-45.6		0	90	297	10	13,330	0	-45.9		0	95	300	9	16,007	0	-48.2		0	81	307	7	20,554	0	-49.8		0	75	354	5	23,892	0	-50.1		0	93	35	7
ORLAND	3	1,007		3.1	5.2					1,358	0	-5.9	5.9	0	33	280	4	2,856	0	-14.0	7.3	0	57	285	5	5,335	0	-29.7	8.1	0	71	287	11	8,813	0	-50.1		0	72	291	14
		11,469	0	-47.1		0	86	298	11	13,373	0	-47.4		0	93	298	10	16,037	0	-50.0		0	94	300	8	20,540	0	-51.9		0	84	348	5	23,849	0	-51.5		0	82	37	5
STAVANGER/SOLA	3	1,003		5.0	4.6					1,364	0	-3.3	3.7	0	17	230	2	2,877	0	-11.7	5.1	0	40	275	5	5,383	0	-26.7	6.6	0	53	272	9	8,889	0	-49.9		0	62	290	16
		11,523	0	-50.1		0	55	292	9	13,406	0	-49.6		0	87	298	10	16,047	0	-52.3		0	83	287	8	20,498	1	-54.9		2	72	336	4	23,775	3	-54.1		5	72	40	4
OSLO/GARDERMOEN	3	984		1.2	5.1					1,365	0	-5.0	6.4	0	15	3	1	2,871	0	-12.2	9.3	0	36	292	4	5,371	0	-27.5	10.4	0	55	277	8	8,869	0	-48.8		0	62	289	14
		11,516	0	-48.4		0	81	289	12	13,413	0	-48.3		0	90	292	10	16,070	0	-51.0		0	87	295	8	20,550	0	-53.1		0	81	327	5	23,845	0	-52.9		0	64	17	4

UPPER AIR DATA

APRIL 1985

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
FINLAND																																									
SODANKYLA	3	984		-3.8	5.3					1,326	0	-10.0	3.9	0	33	296	3	2,798	-	-18.4	9.3	0	52	296	5	5,235	0	-33.5	7.8	0	63	287	10	8,664	0	-50.9	11.0	0	64	283	12
		11,334	0	-46.3		0	74	293	9	13,242	0	-46.9		0	74	300	8	15,916	0	-49.0		0	71	312	6	20,442	0	-51.2		0	62	360	4	23,764	0	-51.0		0	83	34	6
JYVASKYLA	3	990		-0.8	4.9					1,347	0	-7.1	4.6	0	29	301	2	2,837	0	-14.8	9.3	0	56	288	5	5,308	0	-30.1	9.4	0	64	284	9	8,768	0	-51.0	10.3	0	73	281	15
		11,416	0	-48.0		0	82	283	12	13,312	0	-48.5		0	83	288	10	15,965	0	-51.0		0	78	297	8	20,455	0	-52.8		0	62	338	4	23,761							
JOKIOINEN	3	994		0.4	5.0					1,351	0	-6.1	5.2	0	26	290	2	2,848	0	-13.8	9.5	0	53	289	5	5,332	0	-29.1	9.5	0	66	285	10	8,805	0	-50.7	10.6	0	74	280	16
		11,447	0	-48.7		0	84	282	12	13,339	0	-48.7		0	85	287	10	15,985	0	-51.6		0	83	294	9	20,457	0	-53.6		0	66	335	4	23,736	0	-53.9		0	83	22	6
FRANCE																																									
BREST/GUIPAVAS	1	1,003		7.9	2.9					1,445	1	1.8	8.2	4	48	282	6	2,986	2	-5.5	13.4	4	55	287	8	5,548	2	-21.4	13.6	5	52	282	10	9,109	3	-47.6		5	47	295	13
		11,713	4	-55.7		6	54	296	11	13,553	4	-53.6		8	63	287	9	16,153	5	-56.4		9	79	275	7	20,511	12	-59.2													
TRAPPES	1	994		7.9	3.6					1,444	0	1.6	6.4	3	52	268	5	2,987	0	-6.3	9.7	3	57	271	8	5,535	1	-22.9	10.0	3	58	284	10	9,089	2	-47.9		3	52	291	13
		11,697	2	-55.7		3	68	284	13	13,542	2	-53.5		3	75	282	11	16,131	2	-56.1		3	81	278	8	20,483	6	-59.2		6	68	294	3	23,694	7	-57.9		7	37	1	2
NANCY/ESSEY	2	989		12.0	7.9					1,447	0	1.8	6.2	3	45	251	4	2,990	0	-6.2	9.3	3	50	267	6	5,542	0	-22.5	9.6	3	52	296	10	9,101	0	-47.1		3	55	310	15
		11,722	0	-54.0		3	67	294	13	13,579	0	-52.1		3	77	287	11	16,192	1	-55.0		3	85	281	8	20,578	4	-57.7		4	64	291	3	23,818	6	-55.7		8	32	46	1
LYON/SATOLAS	2	987		13.7	9.3					1,469	1	3.1	6.9	4	18	260	2	3,019	2	-5.1	11.2	4	29	295	4	5,586	2	-20.9	13.6	4	45	307	9	9,160	2	-47.0		4	49	305	14
		11,771	2	-54.9		5	64	288	12	13,616	3	-53.1		7	70	287	10	16,214	6	-55.5		8	75	284	6	20,589	8	-58.6													
BORDEAUX/MERIGNAC	1	1,009		9.8	3.7					1,464	1	4.2	7.8	6	63	274	5	3,019	1	-4.3	10.7	6	59	281	7	5,590	1	-21.0	11.8	7	51	279	8	9,157	3	-47.3		7	47	278	12
		11,765	6	-56.2		7	58	273	11	13,603	7	-54.6		8	76	271	10	16,186	10	-57.7		8	83	273	8	20,514	13	-60.6		9	60	264	3								
NIMES/COURBESSAC	1	1,008		11.1	8.6					1,469	1	4.6	8.3	8	58	345	7	3,027	1	-3.4	11.9	8	58	313	9	5,606	1	-20.4	11.5	8	59	295	12	9,184	1	-46.8		8	56	288	15
		11,799	2	-56.0		8	69	277	17	13,634	2	-54.5		8	78	280	15	16,216	5	-57.5		9	80	274	11	20,548	14	-61.1													
AJACCIO	2	1,013		16.8	7.4					1,459	1	5.4	7.6	2	43	283	3	3,021	1	-3.3	11.4	2	52	285	7	5,605	1	-19.7	13.4	3	58	282	11	9,202	1	-44.8		3	57	273	15
		11,833	1	-55.3		3	76	272	18	13,664	3	-54.3		4	79	273	14	16,250	4	-57.2		6	79	263	9	20,602	4	-60.0		9	43	283	2	23,820	15	-56.8					
BELGIUM																																									
UCCLE	2	1,000		9.4	3.6					1,426	0	0.5	1.9	0	57	253	7	2,962	0	-7.5	4.4	0	61	273	9	5,509	0	-22.8	4.3	0	64	288	13	9,053	0	-48.7	5.9	0	64	296	17
		11,659	0	-54.6	5.9	0	65	292	16	13,512	0	-52.5	6.0	0	74	286	12	16,115	0	-55.2	6.0	0	83	279	8	20,499	0	-57.8	6.2	0	76	285	4	23,737	1	-55.7	6.4	1	33	339	1
NETHERLANDS																																									
DE BILT	1	1,010		7.1	2.6					1,410	1	0.1	4.0	0	62	273	8	2,944	1	-7.9	10.5	0	65	281	9	5,484	1	-23.7	9.5	0	68	288	14	9,015	1	-48.9		0	63	296	17
		11,637	1	-52.8		0	73	293	15	13,500	2	-51.7		0	81	290	11	16,110	3	-54.7		0	84	289	8	20,504	4	-57.2		0	72	326	4	23,749	6	-56.2		3	59	26	3
FEDERAL REP OF GERMANY																																									
SCHLESWIG	3	1,003		6.4	3.1					1,387	0	-1.3	3.6	0	59	264	6	2,912	0	-9.4	7.2	0	63	274	8	5,434	0	-25.5	7.5	0	63	284	12	8,950	0	-49.4	6.0	0	65	289	15
		11,579	0	-51.7	7.9	0	78	285	14	13,449	0	-51.2		0	86	286	10	16,071	0	-54.0		0	91	288	8	20,473	0	-57.2		0	80	306	4	23,714	1	-56.4		0	64	3	3
HANNOVER	3	1,004		8.9	4.8					1,407	0	-0.3	2.9	0	72	271	8	2,936	0	-8.9	7.1	0	72	276	10	5,467	0	-25.0	8.3	0	67	282	12	8,994	0	-49.0	6.8	0	66	289	16
		11,618	0	-52.8	8.0	0	76	287	14	13,482	0	-51.8		0	85	286	11	16,097	0	-54.5		0	91	286	8	20,491	0	-57.7		0	84	298	4	23,717	0	-57.1		0	50	349	2
ESSEN	3	994		8.8	5.2					1,426	0	0.2	3.7	0	70	263	8	2,958	0	-8.0	7.3	0	69	274	10	5,497	0	-23.7	7.9	0	66	284	12	9,032	0	-49.0	5.8	0	61	293	16
		11,645	0	-53.7	7.1	0	72	285	14	13,503	0	-52.0		0	82	284	11	16,109	0	-55.1		0	88	284	8	20,488	0	-58.3		0	80	294	4	23,707	0	-57.3		0	44	359	2
STUTTGART/BAD CANNSTATT	3	976		9.4	7.3					1,446	0	1.1	4.5	0	60	260	5	2,982	0	-7.4	8.3	0	65	274	8	5,525	0	-23.6	9.2	0	62	282	11	9,065	0	-48.4	7.1	0	58	292	15
		11,679	0	-54.1	8.2	0	69	286	13	13,534	0	-52.9		0	81	280	11	16,133	0	-55.9		0	87	276	8	20,499	0	-59.0		0	72	287	3	23,713	0	-57.5		1	32	341	1
MUNCHEN/OBERSCHLEISSHEIM	3	956		8.0	6.3					1,447	0	1.8	5.8	0	66	273	6	2,986	0	-7.3	8.4	0	65	282	8	5,530	0	-23.4	10.4	0	53	293	9	9,073	0	-48.4	7.9	0	61	293	16
		11,691	0	-53.7	9.1	0	76	283	14	13,545	0	-52.9		0	85	278	12	16,145	0	-55.8		0	88	279	9	20,509	0	-59.1		0	65	280	3	23,718	0	-57.9		0	25	350	1
AUSTRIA																																									
WIEN/HOHE-WARTE	3	1,020		11.1	9.2					1,630	0	2.3	5.8	0	60	288	12	3,170	0	-7.0	8.3	0	68	290	14	5,712	0	-23.6	8.2	0	62	273	19	9,245	0	-48.8		0	71	269	32
		11,862	0	-53.9		0	79	275	28	13,716	0	-52.6		0	89	274	24	16,313	0	-55.9		0	92	274	19	20,678	1	-58.9		1	74	275	7	23,898	3	-57.2		3	26	336	2
CZECHOSLOVAKIA																																									
PRAHA/LIBUS	3	976		8.9	7.1					1,430	0	1.6	5.1	0	70	272	6	2,966	0	-7.7	7.5	0	72	279	8	5,504	0	-24.0	8.3	0	61	278	10	9,037	0	-48.4	6.8	0	66	277	14
		11,658	0	-53.8	7.1	0	79	277	13	13,513	0	-52.6	7.5	0	87	275	12	16,115	0	-55.4		0	91	274	9	20,489	15	-59.0		9	74	282	5	23,685	19	-58.5		9	24	332	1
POPRAD/GANOVCE	3	929		6.6	5.3					1,431	0	2.3	5.0	0	51	253	3	2,971	0	-7.1	5.2	0	57	257	5	5,514	0	-23.2	5.7	0	64	248	9	9,054	0	-48.9	5.1	0	68	244	15
		11,656	0	-55.0	5.3	0	79	255	14	13,502	0	-53.2	6.1	0	88	255	12	16,094	0	-56.2		0	89	259	10	20,444	0	-60.0		1	82	261	5	23,628	3	-59.4		5	50	282	3
HUNGARY																																									
BUDAPEST/LORINC	9	995		11.0	7.6					1,434	3	2.3	5.1	3	52	286	5	2,976	3	-6.8	6.5	3	55	266	6	5,522	3	-23.4	6.6	3	66	262	11	9,059	4	-49.1	5.3	5	65	262	16
		11,670	4	-53.5		4	80	269	14	13,525	5	-53.0		6	87	269	13	16,122	10	-56.1		10	87	267	9	20,490	2	-58.6		2	70	272	4	23,711		-57.1		40	292	2	
SZEGED	3	1,003		12.1	7.5					1,449	0	3.5	5.0	0	54	273	4	2,998	0	-5.9	5.6	0	61	258	6	5,556	0	-22.2	7.2	0	66	261	11	9,108	1	-48.7	5.8	1	59	262	15
		11,714	2	-54.2		2	77	266	14	13,565	3	-53.5		3	85	266	12	16,155	5	-56.5		5	86	266	9	20,496	4	-60.0		4	81	266	5	23,709	5	-57.8		5	40	292	2
POLAND																																									
LEBA	3	1,008		5.5	3.0					1,383	1	-0.7	3.9	0	72	260	7	2,912	0	-9.2	5.8	0	76	265	8	5,434	0	-25.9	7.0	0	71	265	11	8,943	0	-49.8		0	60	270	13
		11,567	0	-52.2		0	84	275	13	13,435	0	-51.5		0	92	275	11	16,060	2	-54.2		2	93	285	9	20,475	6	-57.0		7	73	300	4	23,113	10	-56.7		10	66	5	4
POZNAN	3	1,000		8.5	6.3					1,415	0	0.2	4.7	0	79	270	7	2,947	0	-8.8	7.8	0	80	270	8	5,471	0	-25.8	8.5	0	78	265	12	8,985	0	-49.0		0	69	270	14
		11,609	0	-52.6		0	84	275	13	13,471	1	-51.6		1	92	275	12	16,086	2	-54.3		2	94	280	9	20,496	6	-56.9		6	72	285	4	23,720	10	-56.5		10	46	335	2
LEGIONOWO	3	999		9.2	6.2					1,415	1	0.9	4.5	1	74	260	6	2,952	1	-7.9	6.5	1	82	260	8	5,483	1	-24.6	6.8	1	76	255	11	9,008	1	-49.5		1	68	260	14
		11,631	1	-53.4		1	83	270	14	13,491	2	-52.1		2	92	270	12	16,102	3	-54.9		3	91	275	10	20,494	5	-57.8		5	73	285	5	23,717	7	-57.4		7	50	330	3
WROCLAW I	1	997		7.5	3.1					1,420	0	1.0	3.6	0	76	285	6	2,954	0	-8.2	5.9	0	70	270	7	5,486	0	-25.0	6.5	0	70	275	11	9,007	0	-48.8		5	63	265	15
		11,633	0	-52.9						13,498	3	-52.3																													
GIBRALTAR																																									
NORTH FRONT	3	1,017		16.9	5.1					1,504	0	8.7	9.8	0	33	233	3	3,084	0	-0.4	13.3	0	65	244	8	5,682	0	-18.6	11.5	0	66	248	10	9,283	0	-45.5		0	71	250	19
		11,903	0	-56.7		0	80	257	21	13,724	0	-56.9		0	86	257	17	16,266	0	-60.2		0	85	261	12	20,556	1	-61.8		0	65	270	3	23,736	3	-58.7		0	50	291	2
PORTUGAL																																									
LISBOA/GAGO CONTINHO	2	1,004		16.6	7.2					1,486	0	7.3	12.6	1	32	205	3	3,054	0	-1.9	15.9	1	37	238	4	5,636	0	-19.9	14.6	1	33	227	5	9,211	0	-47.0	16.6	0	37	251	9
		11,825	0	-55.9	19.2	0	60	257	12	13,655	0	-55.7	22.0	1	72	257	11	16,219	1	-59.5		2	72	256	8	20,521	2	-61.0		4	46	251	2								

UPPER AIR DATA

APRIL 1985

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
MADEIRA																																									
FUNCHAL	2	1,011		17.9	7.7					1,507	0	7.4	8.8	1	39	325	4	3,086	0	0.4	20.6	1	40	291	5	5,699	0	-17.3	18.2	1	59	295	9	9,306	3	-44.6		4	72	286	17
		1,945	4	-55.3		5	84	281	19	3,777	5	-56.2		6	92	282	19	6,321	6	-61.4		7	89	276	13	20,602	6	-61.2		7	52	235	3	23,806	10	-56.1					
SPAIN																																									
LA CORUNA	3	1,007		13.3	5.4					1,473	0	5.0	9.2	0	32	233	3	3,034	0	-3.3	13.7	0	41	255	3	5,610	0	-20.4	13.6	0	37	261	6	9,185	0	-46.8	13.3	0	31	274	8
		1,802	0	-55.7		0	44	277	9	3,642	0	-54.2		0	66	266	9	6,229	0	-56.9		0	76	263	17	20,589	13	-59.1		9	67	266	3	23,823	6	-56.3		9	39	49	2
MADRID/BARAJAS	3	943		13.0	8.2					1,496	0	7.4	8.9	0	42	253	3	3,065	0	-2.2	11.7	0	51	264	5	5,653	0	-19.4	13.4	0	55	258	8	9,239	0	-46.8	12.4	0	51	263	11
		1,852	0	-56.2		0	70	261	14	3,665	0	-55.3		0	82	264	13	6,249	0	-58.7		0	82	262	8	20,566	3	-60.9		3	65	272	3	23,751	15	-58.6		9	51	5	2
PALMA/SON BONET	3	1,011		15.6	6.8					1,492	0	7.5	9.3	0	52	290	4	3,065	0	-1.0	13.6	0	60	285	8	5,680	0	-18.5	16.2	0	63	269	12	9,267	0	-45.3	13.7	0	67	268	13
		1,879	0	-56.3		0	75	267	20	3,711	0	-56.1		0	83	269	16	6,276	0	-59.0		0	87	269	11	20,590	0	-62.1		1	64	281	3	23,785	2	-57.7		5	31	286	1
ROMANIA																																									
CLUJ	1	963		7.6	3.4					1,434	0	3.7	3.8	0	60	325	4	2,980	0	-6.2	4.5	0	70	275	7	5,536	0	-21.5	4.5	0	60	265	8	9,094	0	-47.7	4.4	0	60	265	10
		1,700	0	-55.4	4.5	0	60	275	11	3,544	7	-53.2	4.5	0	60	270	12	6,141	0	-55.2	5.3	0	70	270	14																
BUCURESTI/IMH	1	1,000		9.7	4.7					1,448	0	5.4	6.4	0	30	235	3	3,004	0	-3.8	7.2	0	50	265	6	5,580	0	-20.8	7.3	0	50	260	8	9,160	0	-46.8	5.3	0	55	255	12
		1,422	0	-54.0	5.4	0	65	260	14	3,630	0	-5.0	5.8	0	65	260	12	6,213	0	-56.1	6.2	0	70	260	10																
CONSTANTA	1	1,010		9.1	4.3					1,436	0	4.8	8.0	0	30	325	3	2,994	0	-3.8	7.7	0	40	290	3	5,569	0	-20.3	8.1	0	50	285	6	9,148	0	-46.7	5.5	0	50	280	8
		1,762	0	-55.7	5.5	0	60	280	10	3,599	0	-53.7	6.2	0	60	275	11	6,190	0	-56.1	6.5	0	60	270	11																
TURKEY																																									
SAMSUN	2	1,012		12.3	4.5					1,460	0	7.9	7.2	0	64	300	4	3,035	0	-1.9	7.3	0	83	190	8	5,623	0	-19.8	12.0	0	83	240	10	9,204	0	-46.7		0	78	250	14
		1,825	0	-53.8		0	91	250	16	3,679	0	-53.0		0	88	250	13	6,254	2	-57.0		2	90	240	12	20,596	8	-59.4		10	89	230	10	23,831	10	-55.1		15	83	220	8
ISTANBUL/GOZTEPE	2	1,008		15.7	9.0					1,460	0	7.0	9.5	0	70	230	7	3,026	0	2.6	15.3	0	42	230	5	5,605	0	-19.7	11.8	0	33	270	6	9,187	0	-46.4		0	48	265	14
		1,807	3	-55.4		3	73	270	16	3,648	4	-53.6		4	99	265	17	6,238	10	-56.4		10	82	270	9	20,617	15	-58.7		16	89	275	8	20,841	21	-55.1		21	89	265	7
IZMIR	2	1,009		21.4	10.3					1,477	0	8.1	7.7	0	25	300	2	3,050	0	1.6	8.9	0	58	290	7	5,641	0	-19.5	7.9	0	82	300	14	9,236	0	-46.3		0	96	310	23
		1,848	0	-55.9		2	65	290	17	3,684	0	-55.2		2	59	280	13	6,241	1	-59.7		2	72	280	13	20,519	3	-61.3		10	90	270	10	23,732	6	-56.8		11	85	280	10
ANKARA/CENTRAL	2	910		16.4	12.8					1,486	0	11.0	10.0	0	57	235	4	3,068	0	-1.2	9.1	0	70	240	7	5,666	0	-18.5	11.8	2	75	230	12	9,262	0	-46.1		0	84	235	21
		1,890	0	-53.7		1	87	230	21	3,773	0	-54.1		1	86	240	19	6,315	0	-58.1		1	87	250	13	20,630	4	-60.9		4	75	245	9	23,830	6	-56.3		7	70	245	7
ISPARTA	2	900		16.6	13.5					1,484	0	12.1	12.0	0	71	200	10	3,069	0	-1.0	7.3	0	77	250	14	5,665	0	-18.6	10.4	0	87	275	28	9,264	0	-45.3		0	90	270	40
		1,896	0	-54.9		0	88	270	42	3,736	0	-55.2		0	86	260	36	6,290	0	-59.2		0	81	255	26	20,592	3	-60.9		3	70	245	14	23,797	5	-56.2		5	80	265	16
USSR																																									
MURMANSK	0	997		-2.3	4.5					1,313	0	-10.6	3.3	0	35			2,781	0	-19.5	5.5	0	36	285	4	5,211	0	-33.8	4.9	0	36	270	7	8,613	0	-51.3	4.8	0	57	273	11
		1,292	0	-47.1	7.6	0	61	286	8	3,196	0	-47.6	8.9	0	67	296	7	5,866	0	-49.4	9.8	0	66	304	6	20,379	1	-51.7	10.4	2	66	355	5	23,690	3	-51.7	10.8	3	75	36	6
ARKHANGELSK	1	1,006		-2.5	5.2					1,330	0	-9.7	4.6	0	42	289	2	2,807	0	-17.7	6.4	0	48	281	3	5,254	0	-32.4	5.7	0	47	282	4	8,688	0	-52.0	4.6	0	48	281	5
		1,331	0	-48.8	5.7	0	54	280	5	3,221	0	-49.1	6.5	0	60	285	5	5,868	0	-50.7	7.1	0	54	295	4	20,353	0	-53.4	7.6	0	59	326	4	23,639	0	-53.4	8.1	0	47	2	3
LENINGRAD /TOWN/VILLE/	0	999		1.8	4.8					1,353	0	-5.4	4.3	0	47	263	4	2,856	0	-13.3	6.9	0	66	265	8	5,342	0	-28.5	7.2	0	70	267	12	8,818	0	-50.7		0	70	269	18
		1,453	0	-49.9		0	69	270	14	3,338	0	-49.6		0	75	272	12	5,981	0	-52.2		0	75	276	10	20,440	1	-55.0		2	57	287	5	23,695	4	-55.3		4	45	338	3
KAUNAS	0	999		6.6	5.2					1,392	0	-1.2	4.5	0	64	250	6	2,918	0	-9.3	6.6	0	70	248	8	5,440	0	-25.6	6.4	0	67	246	11	8,952	0	-50.2	4.6	6	68	241	13
		1,564	0	-52.9	5.3	7	78	242	14	3,419	0	-51.8	6.1	6	72	245	13	6,043	0	-53.4	6.8	7	79	260	11	20,480	0	-55.2	7.3	7	62	260	7	23,735	0	-55.4	7.5	8	36	279	4
MINSK	0	982		6.5	5.9					1,403	0	-0.5	4.4	0	64	255	7	2,932	0	-9.3	6.0	0	72	267	9	5,459	0	-27.6	7.3	0	72	267	13	8,968	0	-51.2	4.9	0	64	265	17
		1,570	0	-53.0	6.3	0	81	272	16	3,430	0	-51.9	7.7	0	81	270	13	6,044	0	-54.7	8.4	0	81	274	11	20,435	0	-57.6	9.0	0	62	282	5	23,656	0	-57.1	9.3	0	67	334	4
VOLOGDA	0	992		1.6	4.4					1,354	0	-5.3	3.7	0	51	245	5	2,859	0	-13.0	5.5	0	59	239	8	5,351	0	-28.2	5.5	0	62	234	12	8,836	0	-50.8	4.9	0	67	240	16
		1,465	0	-50.1	5.8	0	68	243	15	3,343	0	-50.3	6.4	1	66	246	12	5,981	0	-51.8	7.0	1	66	246	9	20,427	0	-54.7	7.5	1	50	273	5	23,672	1	-55.6	7.7	4	58	340	5
MOSKVA	0	987		4.5	4.1					1,392	0	-2.5	4.6	1	60	269	6	2,908	0	-11.2	7.9	0	70	273	9	5,413	0	-26.9	9.0	0	70	277	14	8,902	0	-51.3	6.7	0	75	277	21
		1,518	0	-51.8	7.9	0	84	274	17	3,384	0	-51.7	9.1	0	84	272	15	5,998	0	-54.2	10.0	0	84	275	13	20,395	0	-57.4	10.4	0	73	291	7	23,635	2	-57.1	11.1	4	60	317	4
KAZAN	0	996		3.7	4.1					1,390	0	-3.1	4.0	2	58	271	5	2,905	0	-11.4	5.9	0	70	277	8	5,414	0	-26.3	6.0	0	71	271	11	8,917	0	-50.1	4.9	2	69	280	13
		1,543	0	-51.7	5.7	5	74	276	14	3,410	1	-51.0	6.4	5	82	280	15	6,029	1	-52.9	7.0	5	79	279	13	20,466	12	-56.5	7.6	6	81	278	11	23,703	4	-56.5	7.9	9	59	281	7
SARATOV	0	995		6.6	6.8					1,443	0	-0.7	6.2	0	47	264	5	2,973	0	-8.5	6.7	0	66	270	8	5,508	0	-24.0	6.8	0	72	267	13	9,040	0	-49.2	5.1	0	75	260	19
		1,658	0	-53.3	5.3	0	82	263	20	3,516	0	-52.1	5.9	2	86	264	17	6,123	0	-50.5	6.4	4	84	265	16	20,506	0	-58.2	6.7	7	80	269	9	23,724	0	-57.0	7.2	6	61	282	6
LVOV	0	973		8.4	5.1					1,432	6	0.7	3.7	6	46	280	3	2,968	6	-6.5	7.0	6	64	258	6	5,505	6	-24.2	6.6	6	72	253	10	9,037	6	-49.3	5.0	9	55	263	10
		1,651	7	-53.0	5.3	9	75	278	10	3,514	7	-51.6	5.9	9	80	268	10	6,140	7	-54.1	6.5	9	89	263	10	20,557	8	-56.9	6.8	9	79	270	6	23,798	8	-56.5	7.2	9	67	277	5
KIEV	0	990		10.4	7.3					1,421	4	2.4	5.4	5	49	255	4	2,965	4	-6.6	7.5	4	60	259	6	5,514	4	-22.2	7.4	4	60	261	9	9,076	4	-48.8	5.7	4	71	261	16
		1,684	6	-54.3		6	80	267	16	3,536	6	-52.5		6	88	269	15	6,142	6	-55.4		6	84	270	12	20,510	6	-58.8		6	78	282	7	23,718	6	-57.9		6	64	307	4
HAR KOV	0	995		9.6	7.1					1,440	0	2.0	6.3	0	40	232	3	2,986	0	-6.3	8.6	0	53	263	5	5,539	0	-22.2	8.8	0	70	268	10	9,091	0	-49.4	4.9	0	76	267	16
		1,696	0	-54.2	5.9	0	81	267	16	3,552	0	-52.4	7.0	0	79	266	14	6,162	0	-55.8	7.7	0	89	265	13	20,522	0	-58.7	8.4	0	76	270	7	23,727	3	-57.8	9.2	4	72	284	5
ODESSA	1	1,007		9.6	4.8					1,437	1	4.0	6.0	1	10	258	1	2,988	1	-4.5	6.5	1	37	256	4	5,563	1	-20.5	6.9	1	65	253	10	9,146	2	-46.8	5.5	2	68	263	15
		1,761	2	-52.0	5.9	2	73	265	16	3,599	2	-54.2	7.0	2	84	263	15	6,187	2	-56.0	7.9	2	84	265	12	20,533	2	-61.2	8.3	2	86	263	7	23,709	2	-59.0	8.7	2	84	270	5
ROSTOV-NA-DONU	1	1,004		10.1	5.5					1,440	0	3.0	6.1	0	29	210	3	2,991	0	-5.1	7.5	0	64	250	7	5,510	0	-22.5	6.9	0	70	258	11	9,084	0	-50.8	5.1	0	64	259	16
		1,674	0	-54.6	5.9	0	76	259	15	3,522	0	-54.1	7.0	0	87	259	14	6,109	1	-57.4	7.5	1	86	260	12	20,451	1	-59.5	7.8	1	88	269	7	23,657	2	-57.8	8.4	5	75	277	5
TBILISI	0	957		14.1	8.2					1,474	2	7.4	7.0	8	26	288	2	3,044	2	-1.0	6.6	3	53	258	5	5,635	2	-18.4	6.5	2	70	258	9	9,249	5	-46.6	5.9	5	60	253	12
		1,849	6	-56.4	5.9	7	70	254	13	3,685	7	-54.4	7.1	7	68	255	12	6,249	11	-58.5	7.6	9	72	251	10	20,548	19	-60.8		9	75	263	6								
AFRICA																																									
MOROCCO																																									
CASABLANCA	2	1,009		19.7	6.4					1,501	0	10.4	11.8	0	24	288	2	3,088	0	0.6	12.7	0	60	234	7	5,699	1	-16.9	12.9	1	65	242	12	9,333	2	-42.2		7	60	250	18
		1,978	4	-56.3						3,802	7	-55.8						6,343	11	-60.0						20,635	12	-51.1						23,852	14	-56.3					
SPANISH CANARY IS.																																									
SANTA CRUZ DE TENERIFE	3	1,014		19.6	9.1					1,525	0	10.2	14.4	0	32	318	3	3,119	0	3.4	26.1	0	38	286	4	5,761	0	-14.0	27.8	0	71	279	11	9,431	0	-41.1	19.7	0	90	269	23
		2,084	0	-56.7	18.6	0	93	268	29	3,896	0	-58.9	21.4	0	93	267	24	6,400	0	-63.3	24.0	3	89	265	14	20,623	3	-62.7	25.2	3	26					-60.0	22.7	9	26	153	1

UPPER AIR DATA

APRIL 1985

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
AFRICA		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
ALGERIA																																									
ALGER/DAR EL BEIDA	3	1,013		16.4	5.8					1,499	0	9.3	12.6	0	54	250	4	3,081	0	1.2	14.6	0	61	270	8	5,687	0	-17.9	13.9	0	62	270	13	9,302	0	-44.3		2	46	260	13
		11,911	0	-58.1		3	42	260	24	13,732	0	-57.6		5	84	260	20	16,275	2	-60.4		9	89	260	15																
ELBAYADH										1,502	1	15.0	18.8	1	3	150	2	3,111	1	2.3	15.8	1	5	170	5	5,730	1	-16.4	15.1	2	7	200	11	9,370	1	-43.6		2	8	200	24
		11,983	1	-59.2		2	8	190	27	13,789	1	-59.2		3	9	190	25	16,309	8	-63.3		9	9	190	19																
IN SALAH										1,532	0	17.6	22.2	0	21	240	2	3,153	0	5.9	19.8	6	37	260	4	5,806	0	-13.0	16.3	6	28	250	5	9,489	0	-39.8	12.9				
		12,155	0	-56.8						13,951	0	-62.1						16,114	0	-69.7																					
EGYPT																																									
HELWAN	3	997		22.3	14.8					1,506	0	14.2	15.8	0	66	335	3	3,118	0	4.2	15.7	0	70	320	7	5,764	0		13.2	0	73	310	11	9,441	0	-40.9	10.5	0	85	300	22
		12,112	1	-54.2	8.9	2	84	300	26	13,944	1	-59.0	6.4	7	80	300	24	16,453	1	-66.0						20,638	9	-63.8													
SUDAN																																									
KHARTOUM		965		37.0	32.2					1,519	1	26.3	26.3	1	82	335	5	3,184	1	13.1	23.5	1	42	282	3	5,919	1	5.9	20.3	1	64	280	6	9,713	0	-32.2	17.6	5	74	295	3
		12,443	0	-53.4		4	94	280	17	14,236	1	-66.0		6	97	280	15	16,623	1	-77.5		7	35	245	3	20,694	1	-61.5		9	67	295	5								
MAURITANIA																																									
NOUADHIBOU	3	1,016		21.0	12.0					1,531		17.0	26.0	9	28	97	4	3,160	4	9.0	28.0	10	60	239	3	5,853	4	-9.0	23.0	17	77	249	5	9,600	4	-36.0	17.0	22	90	268	14
		12,298	5	-55.0		5	92	259	11	14,092	5	-64.0		3	51	260	4	16,526	4	-72.0						20,678	20	-62.0													
SENEGAL																																									
DAKAR/YOFF	3	1,009		20.2						1,525	0	21.9		9	39	7	2	3,172	0	9.7						5,880	0	-6.8						9,671	0	-32.7					
		12,398	0	-54.6						14,180	0	-67.8						16,554	0							20,610	13														
MALI																																									
BAMAKO/SENOU	3	966		31.0	20.7					1,514	0	23.9	22.9	1	48	100	2	3,167	0	9.8	13.5	1	39	90	2	5,879	0	-6.0	15.4	1	21	230	1	9,690	0	-33.1	12.7	1	81	250	10
		12,428	0	-53.9		1	84	240	13	14,216	0	-68.2		1	91	230	15	16,568	0	-80.1		1	80	220	7																
NIGER																																									
NIAMEY-AERO	3	984		33.3	30.6					1,525	0	24.2	27.5	0	27	80	3	3,178	0	10.3	16.5	0	9	150	1	5,894	0	-5.1	22.6	0	9	310	1	9,708	0	-31.3	14.9	0	44	270	10
		12,446	0	-53.6		0	50	260	16	14,235	1	-67.8		0	49	260	17	16,591	1	-80.2		9	40	250	7																
NIGERIA																																									
KANO	2	957		34.3	30.7					1,524	0	23.3	26.5	1	67	63	4	3,176	0	10.9	17.1	1	33	28	2	5,894	0	-5.2	5.6	1	36	48	2	9,705	0	-31.8	18.9	1	73	288	6
		12,434	0	-53.9		2	70	257	8	14,229	7	-67.2		8	72	279	7	16,603	15	-78.6		9	62	259	6																
UNITED REP OF CAMEROON																																									
DOUALA OBS.	3	1,010		27.0	2.8					1,515	0	19.1	2.6	3	47	90	4	3,160	0	9.9	5.5	3	90	70	18	5,879	0	-5.3	6.0	3	92	90	14	9,712	0	-30.3	7.3	3	80	100	10
		12,460	0	-52.9		3	55	130	8	14,251	0	-67.4		3	26	150	4	16,604	3	-82.9																					
CENTRAL AFRICAN REP																																									
BANGUI		969		26.5	22.7					1,512	3	20.1	15.8	2	32	130	3	3,162	3	10.0	3.9	3	76	70	12	5,878	3	-5.6	12.7	4	70	100	11	9,701	3	-30.4	41.0	4	70	80	11
		12,454	3	-53.1		4	41	120	7	14,248	3	-67.4		4	26	90	5	16,588	3	-83.4		4	40	90	6	20,613	5	-63.1													
KENYA																																									
NAIROBI/DAGORETTI	1	821		15.8	2.6													3,134	0	8.6	3.0	0	75	90	4	5,844	0	-5.7	9.9	0	92	90	4	9,660	0	-31.1	14.1	0	39	105	3
		12,400	0	-53.5		0	5	55	1	14,188	0	-68.1		0	22	340	2	16,520	3	-83.3		4	18	105	2	20,492	13	-65.7		9	66	290	5	23,645	17	-56.9		9	89	270	17
ZIMBABWE																																									
BULAWAYO/GOETZ OBS	1	869		14.5	5.1					1,532	0	16.6	8.2	0	0	107	9	3,163	0	7.6	8.9	0	30	180	2	5,868	0	-6.6	22.0	0	36	236	2	9,657	0	-33.7	15.8	0	84	257	14
		12,375	2	-54.4	13.6	0	94	264	23	14,169	2	-65.7		0	98	266	21	16,561	2	-76.7		0	89	283	9	20,635	2	-65.6		1	95	81	10	23,834	2	-55.1		1	91	90	11
HARARE (BELVEDERE)	1	856		15.2	2.8					1,533	2	15.2	3.7	0	73	83	4	3,162	2	7.4	6.7	0	60	121	3	5,877	2	-5.4	23.8	0	27	198	2	9,688	3	-32.4	19.1	3	78	267	9
						7	95	268	19					8	98	271	22					10	82	283	9																
MADAGASCAR																																									
ANTANANARIVO/IVATO	3	876		19.7	6.7					1,522	1	17.3	4.9	1	61	110	6	3,151	1	8.2	10.0	1	27	70	3	5,850	1	-7.2	11.5	1	69	290	9	9,635	1	-32.6	15.9	1	89	270	30
		12,354	1	-53.6		2	90	270	38	14,155	1	-65.1		4	90	270	34	16,550	2	-76.2		9	73	280	15																
SEYCHELLES																																									
SEYCHELLES INTERNATIONAL AP	2	1,008		29.1	4.8					1,497	0	18.1	3.0	0	59	233	3	3,137	0	9.8	8.1	0	40	237	2	5,854	0	-5.3	14.1	0	45	103	2	9,674	0	-31.1	19.0	0	11	236	1
		12,412	0	-53.3		0	24	315	2	14,202	1	-67.2		0	28	20	3	16,547	0	-82.5		0	36	78	3	20,554	4	-64.2		3	45	271	3	23,759	9	-54.1		9	94	267	9
MOZAMBIQUE																																									
NAMPULA	2	963		26.9	7.3					1,522	3	16.5	3.3	4	45	177	2	3,149	3	8.2	7.4	5	42	163	2	5,858	3	-5.7	14.0	5	25	266	1	9,661	3	-32.0	14.7	5	71	266	8
		12,394	5	-53.3		6	76	260	11	14,189	5	-66.1		6	73	274	12	16,570	5	-78.7		6	72	278	9	20,616	8	-65.2		9	90	88	11	23,825	10	-53.1		9	57	73	7
MAPUTO/MAVALANE	2	1,012		27.9	10.2					1,541	12	14.9	8.0	9	6	325	0	3,164	12	6.8	16.2	9	46	222	3	5,864	13	-8.4	25.2	9	66	262	7	9,608	13	-37.4	13.2	9	95	265	16
		12,299	14	-55.5		9	96	264	26	14,098	15	-64.6		9	97	268	24	16,526	15	-73.1		9	96	278	14	20,663	17	-64.9		9	79	104	8	23,846	17	-55.8		9	90	90	9
OCEAN ISLANDS																																									
MARTIN DE VIVIES (ILE AMSTER	2	1,015		17.2	4.1					1,531	2	8.1	4.9	3	48	277	4	3,121	2	2.6	12.9	3	63	272	7	5,764	2	-13.0	13.0	3	79	276	11	9,452	2	-40.0	7.6	3	64	275	14
		12,103	2	-57.7		3	69	280	18	13,910	2	-59.1		3	79	287	19	16,422	3	-61.4		5	75	287	16	20,731	18	-59.5						23,887	27	-53.5					
ASIA																																									
USSR-WESTERN																																									
DRUJNAYA/OSTROV HEJSA/	1	1,012		-20.2	2.9					1,322	0	-17.1	4.3	0	30	130	3	2,764	0	-23.4	4.7	0	29	139	3	5,157	0	-37.5	4.6	0	18	135	2	8,359	0	-52.7	4.3	0	5	131	1
		11,188	0	-47.9	5.9	0	29	356	2	13,090	0	-46.8	7.2	0	62	354	4	15,792	0	-46.5	8.8	0	79	13	6	18,148	0	-46.6	9.9	0	89	30	7	23,781	0	-44.8	12.7	0	90	48	6
MYS CELJUSKIN	1	1,013		-24.4	2.1					1,695	5	-20.3	5.4	5	25	141	2	3,162	5	-24.9	6.0	5	10	180	1	5,551	5	-38.5	5.3	5	19	252	3	8,492	5	-53.0	5.3	5	39	284	6
		11,131		-59.1	7.5	5	28	282	3	13,026	5	-48.3	8.5	5	24	283	2	15,695	5	-47.3	9.8	5	14	88	1	18,492	5	-53.0	5.3	5	39	284	6	23,686	6	-44.8	12.5	6	96	97	7
MYS KAMENNYJ	1	1,010		-14.3	2.6					1,322	0	-12.1	5.0	7	34	257	3	2,792	0	-18.4	7.3	9	49	288	5	5,234	0	-33.0	6.0	9	53	307	7	8,660	0	-52.9	4.7	9	55	304	8
		11,294	1	-59.9	5.7					13,176	1	-59.3	6.8	9	80	288	8	15,831	2	-50.3	7.7	9	79	287	7	20,357	2	-50.5	9.5	9	52	333	3	23,711	4	-58.9	10.6	9	76	61	6
NAR JAN-MAR	1	1,006		-8.6	3.0					1,307	0	-11.0	3.8	0	30	298	3	2,779	0	-18.4	4.4	0	36	285	4	5,223	0	-32.3	5.0	0	54	251	8	8,663	0	-51.3	5.0	0	60	253	11
		11,307	0	-58.6	5.6	0	72	271	9	13,199	0	-48.5	6.5	0	82	278	9	15,862	0	-50.0	7.4	0	72	293	7	20,370	0	-51.8	8.4	0	61	347	4	23,695	0	-51.7	9.3	0	72	42	6

UPPER AIR DATA

APRIL 1985

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																																											
SALEHARD	1	1,007		-10.5	3.4					1,322	0	-11.2	3.9	0	10	280	1	2,801	0	-16.4	5.0	0	34	246	4	5,262	0	-31.4	5.6	0	50	249	8	8,702	1	-53.1	4.6	1	52	264	11
		1,324	1	-50.1	6.6	1	77	269	11	3,202	1	-50.2	8.0	1	82	275	10	5,846	1	-51.6	9.0	1	82	286	8	20,330	1	-52.6	9.9	1	59	341	4	23,657	2	-52.2	10.5	2	78	41	5
HATANGA	1	1,008		-18.3	3.9					1,342	0	-13.9	5.8	0	17	199	2	2,800	0	-20.3	6.0	0	35	243	4	5,224	0	-35.3	4.8	0	41	252	7	8,610	0	-54.6	4.0	0	40	261	9
		1,224	0	-50.5	5.1	0	50	269	6	3,104	0	-49.5	6.0	0	44	270	4	5,761	0	-49.4	7.1	1	16	269	1	20,299	0	-49.1	9.0	1	58	92	3	23,662	1	-48.1	10.4	3	94	98	6
TURUHANSK	1	1,008		-7.1	5.9					1,360	0	-11.8	5.1	0	59	219	6	2,824	0	-18.4	5.8	0	53	239	7	5,267	0	-32.7	6.3	0	53	253	9	8,706	1	-50.2	5.5	0	61	269	12
		1,319	0	-52.0	7.2	0	68	279	11	3,180	1	-50.9	8.5	1	77	286	10	5,807	1	-52.1	9.4	1	85	296	9	20,289	2	-52.2	8.3	3	57	308	3	23,600	5	-50.7	12.2	6	40	68	2
SYKTYVKAR	0	991		-0.5	5.2					1,338	0	-7.3	3.8	0	41	283	4	2,831	0	-14.7	5.9	0	53	276	7	5,306	0	-29.3	6.5	0	70	269	13	8,769	0	-52.2	5.2	0	64	265	16
		1,395	0	-49.7	7.8	0	81	270	14	3,277	0	-50.0				272	12	5,914	0	-52.5	10.3	0	87	278	11	20,361	1	-55.2	10.6	0	72	303	6	23,626	0	-55.3	11.2	0	59	8	4
HANTY-MANSIJSK	1	1,002		-0.7	4.4					1,342	0	-6.3	3.6	0	53	238	6	2,842	0	-13.1	5.4	0	59	250	7	5,326	0	-28.6	5.5	0	64	262	11	8,807	0	-51.2	5.4	0	70	268	16
		1,432	0	-50.9	7.4	0	81	270	16	3,298	0	-61.0	8.8	0	85	273	14	5,925	0	-53.0	9.5	0	88	278	12	20,362	0	-55.3	10.0	0	91	294	7	23,618	0	-54.4	10.6	0	59	328	3
TURA	0	994		-5.7	6.8					1,412	2	-10.4	5.0	2	20	268	2	2,892	2	-17.3	6.5	2	35	262	4	5,335	2	-33.6	5.5	2	40	262	6	8,739	2	-54.9	4.4	2	52	276	9
		1,346	2	-52.5	6.7	2	65	285	9	3,206	2	-51.7	8.2	2	72	294	8	5,833	2	-52.7	9.1	2	73	300	6	20,317	2	-52.3	10.2	2	25	312	1	23,640	2	-50.3	11.5	2	74	128	4
SVERDLOVSK	0	974		2.5	5.3					1,376	0	-4.3	4.6	0	76	271	10	2,884	0	-11.4	6.1	0	76	270	12	5,386	0	-27.1	6.2	0	78	268	15	8,874	0	-50.7	5.5	0	72	268	21
		1,487	0	-52.6	6.9	0	90	268	20	3,345	0	-52.3	8.0	0	90	270	17	5,949	0	-55.2	8.7	0	90	272	14	20,338	0	-57.9	9.3	0	92	280	9	23,558	0	-50.7	9.7	0	78	294	6
OMSK	1	1,000		3.9	4.8					1,399	3	-2.7	6.5	3	66	251	8	2,920	3	-10.0	8.3	3	72	259	11	5,442	3	-25.5	7.9	3	78	261	17	8,953	3	-50.1	6.6	3	76	266	23
		1,562	4	-53.6	7.6	4	88	267	22	3,405	4	-52.9	8.8	4	93	269	19	6,006	4	-55.4	9.5	4	93	271	16	20,393	4	-57.8	10.0	4	88	279	10	23,616	4	-56.3	10.4	4	79	276	7
KOLPASEV	1	1,004		3.0	6.9					1,403	5	-6.2	6.4	5	57	227	6	2,901	5	-13.1	6.8	5	67	250	8	5,393	5	-27.1	6.1	5	67	262	12	8,898	5	-50.3	5.6	5	73	265	18
		1,504	5	-54.6	6.3	5	81	270	19	3,358	5	-52.9	7.3	5	81	274	17	5,968	5	-54.5	8.1	5	87	282	15	20,373	6	-56.6	8.8	6	92	285	11	23,606	6	-55.8	9.3	6	82	280	7
KRASNOJARSK	0	991		1.0	7.9					1,431	1	-5.2	6.8	1	50	249	5	2,940	0	-12.9	6.8	0	62	271	7	5,441	0	-26.9	7.6	1	76	283	14	8,933	1	-51.2	6.1	2	80	292	22
		1,520	2	-54.5	6.8	2	83	295	23	3,371	2	-53.1	8.1	1	88	295	20	5,974	4	-54.3	9.0	3	89	294	18	20,380	6	-56.2	10.4	6	90	291	13	23,624	10	-54.3	11.5	9	82	284	9
KIRENSK	0	984		-1.5	6.7					1,414	0	-7.8	5.9	2	51	278	4	2,898	0	-16.5	5.3	2	52	287	5	5,352	0	-32.0	6.6	1	43	278	6	8,784	0	-53.8	6.4	0	55	288	10
		1,398	2	-52.6	8.2	2	81	288	11	3,257	2	-52.8	9.4	2	83	289	10	5,866	3	-53.8	10.5	3	84	289	9	20,328	6	-53.8	11.7	6	78	281	5	23,618	6	-51.8	12.5	6	50	263	3
ORENBURG	1	1,000		5.6	6.5					1,427	0	-0.8	7.3	0	54	252	7	2,951	0	-8.7	8.1	0	66	258	11	5,474	0	-25.1	7.7	0	78	256	17	8,992	0	-51.0		0	79	256	24
		1,599	0	-53.7		0	88	257	23	3,461	0	-53.7		0	88	257	21	6,050	0	-57.6		0	86	119	19	20,389	3	-59.5		3	91	265	15	23,618	5	-56.9		5	84	270	11
KUSTANAJ	0	951		6.2	7.3					1,467	0	2.3	9.1	0	66	248	7	3,008	0	-5.3	11.7	0	78	261	11	5,571	0	-21.0	10.5	0	84	265	18	9,158	0	-46.3		0	78	268	25
		1,779	0	-56.4		4	87	270	25	3,622	0	-54.2		0	90	270	22	6,209	2	-56.9		2	94	272	19	20,575	7	-59.2		9	88	285	11	23,802	15	-56.3		9	81	285	7
ASHABAD	0	976		-8.7	13.3					1,475	0	-2.5	13.2	0	19	247	1									5,698	0	-16.1	10.4	0	81	255	10								
		1,947	1	-57.5	7.1	1	85	260	21	3,773	1	-56.3	7.7	2	88	259	23	6,308	3	-62.7	8.0	3	94	258	18	20,534	6	-64.1	8.5	6	81	262	7	23,699	7	-59.4	9.3	8	84	270	6
TASKENT	0	957		-7.2						1,488	0	-1.6	13.0	0	23	317	1	3,079	0			0	72	247	5	5,689	0	-16.9	11.7	0	81	249	10	9,300	0	-46.0	7.9	0	74	252	14
		1,902	0	-58.0	7.2	0	85	259	19	3,725	0	-56.8	8.2	0	93	262	19	6,265	0			0	97	265	17	20,519	0	-63.3	8.8	0	79	269	8	23,681	2	-58.3	9.8	3	78	277	7
USSR-EASTERN																																											
OSTROV KOTELNYJ	1	1,019		-23.3	3.2					1,381	0	-17.0	5.5	0	42	143	4	2,821	0	-23.3	7.0	0	30	146	4	5,210	0	-38.4	6.1	0	24	138	4	8,582	0	-53.6	5.5	0	12	104	2
		1,211	0	-49.3	7.5	0	11	190	1	3,101	0	-48.6	9.0	0	11	189	1	5,773	0	-47.6	10.4	0	34	153	2	20,362	0	-46.1	12.2	0	77	135	4	23,765	0	-45.4	13.2	0	91	130	5
OSTROV CETYREHSTOLBOVOJ	1	1,017		-21.3	2.2					1,389	0	-15.8	4.9	0	30	63	2	2,837	0	-32.4	5.7	0	0	194	0	5,238	0	-37.3	5.6	0	36	292	4	8,609	0	-54.4	5.0	0	46	270	7
		1,228	0	-50.0	6.7	0	49	284	5	3,105	0	-49.1	7.7	0	31	274	3	5,771	0	-48.0	8.9	1	25	222	2	20,347	1	-47.0	10.4	1	43	169	3	23,703	3	-47.8	10.9	3	74	150	4
MYS SMICTA	1	1,023		-23.3	1.8					1,376	0	-18.2	3.4	0	42	60	3	2,813	0	-23.1	4.8	0	48	53	3	5,205	0	-37.7	5.1	0	42	359	4	8,586	0	-53.6	4.3	0	52	327	7
		1,213	0	-49.4	6.1	0	40	311	4	3,099	1	-48.3	7.4	1	33	290	3	5,775	1	-47.2	8.8	1	22	219	2	20,364	1	-47.3	10.0	1	30	159	2	23,737	1	-48.3	10.7	1	62	136	3
ANADYR	1	1,019		-17.6	2.8					1,365	2	-16.6	5.1	2	49	322	3	2,814	2	-27.1	6.7	2	60	309	5	5,230	2	-35.9	6.1	2	80	302	11	8,632	2	-54.3	4.9	2	70	296	13
		1,228	5	-50.8	6.8	5	64	287	7	3,099	6	-49.4	8.5	6	58	263	6	5,765	7	-48.9	9.9	7	51	245	5	20,338	9	-48.6	11.5	9	58	200	5	23,692	11	-50.2	12.1	9	80	153	4
KORF	1	1,018		-6.8	3.7					1,401	5	-11.8	4.0	5	15	293	1	2,870	5	-18.2	8.1	5	50	299	4	5,307	5	-33.8	6.7	5	55	294	7	8,721	5	-54.6	5.3	5	60	293	10
		1,303	5	-53.6	5.7	5	70	281	9	3,162	5	-51.7	6.6	5	75	272	9	5,798	5	-50.3	7.6	5	73	266	7	20,345	5	-48.6	9.5	5	47	231	4	23,714	6	-48.3	10.7	6	29	211	2
PETROPAVLOVSK/KAMCATSKIJ	1	1,005		3.0	4.4					1,405	0	-6.9	4.5	0	24	291	2	2,903	0	-14.1	7.0	0	24	240	3	5,384	0	-29.3	7.0	0	54	260	8	8,860	0	-51.7	5.5	0	66	264	16
		1,472	0	-53.4	7.0	0	84	265	19	3,327	0	-52.9	8.2	0	90	264	18	5,934	0	-54.3	8.6	0	87	261	15	20,383	0	-52.9	9.6	1	81	250	7	23,684	1	-51.3	11.0	1	54	237	2
OHOTSK	1	1,014		-4.8	3.7					1,391	0	-9.0	5.3	0	23	76	2	2,877	0	-16.2	6.8	0	17	267	2	5,332	0	-32.1	7.0	0	35	280	6	8,747	0	-56.5	5.0	0	41	265	11
		1,323	0	-53.3	6.5	0	58	264	10	3,179	0	-52.8	7.8	0	63	260	9	5,801	0	-52.0	9.2	0	58	253	7	20,298	0	-50.7	11.4	0	56	208	4	23,636	0	-49.7	13.4	0	49	176	3
JUZNO-SAHALINSK	1	1,011		4.1	4.1					1,414	0	2.1	6.5	0	45	261	5	2,933	0	-10.0	8.6	0	54	267	7	5,448	0	-25.5	9.4	0	66	263	13	8,966	0	-50.0	6.9	0	70	259	24
		1,562	0	-55.5	7.3	0	85	258	25	3,403	0	-54.5	8.4	0	89	258	22	5,985	0	-56.8	9.1	0	89	256	18	20,363	0	-56.1	10.1	0	83	250	10	23,644	0	-52.6	11.5	0	82	234	5
VLADIVOSTOK	1	1,002		5.1	6.5					1,413	1	1.7	9.8	1	30	271	3	2,947	1	-7.6	9.2	1	46	266	6	5,492	1	-23.3	7.9	1	62	265	11	9,055	1	-47.5	6.2	1	78	258	22
		1,674	1	-54.8	6.4	1	83	258	25	3,351	1	-54.4	7.3	1	91	261	23	6,086	1	-57.3	7.9	1	93	261	21	20,460	0	-57.8	8.6	0	91	258	12	23,709	2	-54.2	9.6	3	88	248	7
OLENEK	0	987		-14.2	5.5					1,334	11	-15.4	5.9	9	51	270	4	2,776	11	-30.8	7.5	9	72	295	8	5,194	11	-35.1	5.6	9	75	307	13	8,622	11	-54.1	4.6	9	77	308	18
		1,181	11	-53.9	6.3	9	79	309	13	3,033	11	-53.2	7.8	9	78	303	9	5,650	12	-52.4	9.3	9	64	309	5	20,181	12	-50.1	12.2	9	43	133	2	23,552	13	-48.1	14.2	9	92	133	6
VERHOJANSK	0	998		-7.5	5.4					1,382	9	-9.8	5.2	9	26	4	2	2,862	9	-17.2	5.5	9	25	299	2	5,319	9	-31.7	6.1	9	39	294	5	8,771	10	-53.1	4.6	9	47	301	8
		1,394	10	-49.9	5.4	9	51	298	6	3,276	10	-49.2	6.0	9	56	276	6	5,950	11	-39.3	6.9	9	32	301	2	20,504	13	-48.8	7.8	9	0	97	0	23,877	13	-48.2	8.4	9	58	101	2
SEJMCAN	0	991		-8.5	5.3					1,392	0	-11.5	4.8	0	46	246	3	2,863	0	-18.1	6.4	0	46	261	4	5,306	0	-33.3	5.1	0	48	263	7	8,716	0	-55.9	4.1	0	53	266	11
		1,290	0	-53.4	5.8	0	66	265	10	3,153	0	-51.9	7.5	0	58	265	7	5,794	1	-50.9	9.1	1	50	260	5	20,328	1	-49.8	11.2	1	48	204	3	23,670	1	-49.8	12.5	1	35	157	2
JAKUTSK	1	1,001		-3.4	7.0					1,374	2	-9.0	6.6	2	35	277	3	2,852	2	-17.0	6.7	2	56	276	5	5,297	2	-32.3	6.0	2	57	271	8	8,712	2	-55.6	4.7	2	57	274	10
		1,295	2	-53.6	6.7	2	58	272	8	3,139	2	-52.5	8.4	2	61	271	7	5,760	2	-52.4	10.0	2	43	261	4	20,246	3	-51.2	12.2	3	36	192	2	23,573	4	-50.4	13.1	4	41	125	2
ALDAN	0	934		-6.0	7.3					1,417	14	-9.5	6.3	9	64	270	6	2,898	14	-17.1	6.0	9	55	306	6	5,346	14	-32.4	6.2	9	66	294	9	8,755	14	-56.7	4.9	9	66	300	12
		1,303	14	-56.9	5.9	9	75	291	12	3,131	14	-55.2	7.1	9	84	283	12	5,708	15	-53.4	8.6	9	79	268	10	20,205	15	-50.5	11.2	9	73	237	6	23,522	18	-47.8	12.3	9	88	202	7
CITA	0	933		0.9	9.0					1,407	0	-2.3	9.6	0	51	325	4	2,917	0	-12.8	7.2	0	48	323	5	5,405	0	-28.3	6.7	0	53	304	7	8,893	0	-52.1		0	63	290	13
		1,490	0	-53.7		0	82	296	16	3,352	1	-52.8		1	90	298	15	5,961	2	-54.3		2	92	297	13	20,397	2	-55.1		2	77	286	6	23,682	3	-52.3		3	36	287	2
BLAGOVESCENSK	1	994		4.1	9.7					1,402	6	-6.5	11.4	6	18	283	2	2,919	6	-11.0	10.9	6	43	261	4	5,419	6	-27.4	8.8	6	48	267	7	8,911	6	-51.0		6	52	264	13
		1,503	6	-55.0		6	81	269	17	3,345	6	-54.0		6	83	270	15	5,933	6	-55.6		6	90	270	14	20,351	6	-54.9		6	90	260	9	23,635	6	-51.5		6	59	250	5
HABAROVSK	1	1,002		6.8	8.1					1,410	4	0.5	8.6	5	36	207	3	2,941	4	-9.5	7.8	4	32	250	4	5,459	4	-25.5	7.3	4	42	263	6	8,969	4	-49.8		4	61	256	15
		1,575	5	-55.0		5	78	255	19	3,418	5	-53.4		5	82	255	16	6,018	5	-55.6		5	85	257	14	20,434	5	-54.9		5	77	244	7	23,711	5	-52.1		5	68	225	4

UPPER AIR DATA

APRIL 1985

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
HONG KONG																																									
KINGS PARK	1	1,005		19.2	2.5					1,500	0	15.0	5.1	0	55	209	3	3,126	0	7.6	5.1	0	89	264	8	5,823	0	-7.1	11.0	0	95	265	15	9,622	0	-31.5	18.4	0	96	268	27
		12,371	0	-51.4	19.1	0	97	274	30	14,186	0	-63.8	19.4	0	97	275	25	16,583	0	-76.7	18.9	0	96	274	12	20,635	8	-65.1	21.3	3	1	289	1	23,828	10	-54.8	27.8	4	52	86	3
JAPAN																																									
WAKKANAI	2	1,013		4.5	3.3					1,432	0	-0.4	11.0	0	61	250	6	2,959	0	-8.9	10.9	0	68	256	8	5,491	0	-24.1	11.7	0	76	256	15	9,029	0	-48.7		0	78	257	26
		11,631	0	-55.9		0	88	255	27	13,468	0	-55.0		0	93	257	25	16,040	0	-57.8		0	94	257	21	20,402	0	-57.0		0	88	251	10	23,663	0	-53.6		0	74	243	4
SAPPORO	2	1,014		7.1	5.5					1,449	0	1.1	11.3	1	45	243	4	2,987	0	-6.7	13.9	0	72	261	9	5,536	0	-22.5	11.4	0	78	253	15	9,098	0	-46.6		0	84	254	28
		11,708	0	-56.1		0	91	255	30	13,535	0	-56.0		1	95	257	27	16,093	0	-58.9		1	96	259	22	20,425	0	-58.2		0	91	254	11	23,666	2	-54.0		2	77	244	5
NEMURO	2	1,014		3.1	2.2					1,451	0	0.4	10.7	0	49	254	5	2,989	0	-6.3	13.7	0	72	249	9	5,545	0	-21.6	11.8	1	85	257	15	9,122	0	-46.0		2	83	261	28
		11,733	0	-56.8		3	91	261	31	13,557	0	-56.4		3	96	260	27	16,115	0	-59.2		2	96	260	23	20,446	0	-58.2		2	92	258	11	23,687	1	-54.5		4	82	254	6
AKITA	2	1,015		9.9	4.6					1,465	0	3.5	10.8	0	64	242	6	3,014	0	-5.0	13.0	0	66	262	8	5,584	0	-20.0	12.7	0	82	256	15	9,185	0	-44.6	9.8	0	82	255	25
		11,815	0	-56.8		0	90	254	33	13,637	0	-57.2		0	95	255	30	16,184	0	-60.1		0	96	256	23	20,477	0	-59.4		0	91	253	11	23,703	0	-54.6		2	68	249	5
SENDAI	2	1,012		9.5	4.1					1,471	0	3.3	8.0	0	49	244	5	3,024	0	-3.5	14.5	0	62	271	7	5,612	0	-18.4	13.4	0	80	253	14	9,237	0	-43.3		0	87	254	27
		11,878	0	-56.0		0	92	256	34	13,703	0	-56.7		0	95	258	31	16,242	0	-61.9		0	96	257	24	20,524	1	-59.9		2	92	253	10	23,750	4	-54.6		5	61	254	4
WAJIMA	2	1,014		10.2	3.8					1,469	0	5.1	12.6	0	50	234	5	3,029	0	-3.2	16.5	0	66	254	8	5,616	0	-18.5	13.3	1	84	256	16	9,235	0	-43.7		3	89	251	28
		11,872	0	-55.8		3	92	253	34	13,696	0	-57.3		4	96	256	32	16,227	0	-62.6		4	97	256	24	20,490	0	-61.1		6	94	253	10	23,707	2	-55.5		6	70	258	5
TATENO	2	1,013		11.2	3.5					1,480	0	5.6	8.5	0	6	270	1	3,045	0	-1.6	16.3	0	72	262	8	5,652	0	-16.4	14.3	0	86	261	17	9,297	0	-42.1	10.9	0	8	258	30
		11,945	0	-55.9		0	95	257	38	13,763	0	-57.5		0	96	261	35	16,283	0	-63.8		0	96	259	24	20,521	0	-61.8		1	93	255	9	23,732	2	-55.4		3	62	263	4
HACHIJOJIMA	2	997		14.7	3.3					1,484	0	8.4	11.6	0	22	200	2	3,066	0	1.1	15.5	0	58	263	7	5,698	0	-14.1	16.3	0	85	263	17	9,384	0	-39.3	9.8	0	93	260	33
		12,052	0	-55.8		0	95	224	21	13,865	0	-59.4		0	98	263	39	16,359	0	-66.9		0	96	260	27	20,548	2	-63.1		3	85	248	8	23,745	4	-55.7		5	20	276	1
YONAGO	2	1,014		12.6	4.4					1,471	1	6.4	10.2	0	26	243	2	3,041	0	-1.4	14.2	0	66	262	8	5,645	0	-16.9	12.5	0	88	261	17	9,281	0	-42.8	10.2	0	90	257	28
		11,925	0	-55.4		0	94	260	36	13,751	0	-57.3		0	96	261	34	16,276	0	-63.7		0	97	263	24	20,516	3	-61.5		5	92	256	10	23,739	8	-54.6		1	58	252	4
SHIONOMISAKI	2	1,006		15.5	4.1					1,479	0	7.8	9.7	0	13	128	1	3,059	0	0.9	17.3	0	60	248	7	5,685	0	-14.8	13.5	0	89	258	17	9,359	0	-40.4		0	92	258	34
		12,015	0	-56.1		0	93	257	42	13,833	0	-58.4		0	97	261	40	16,337	0	-65.9		0	97	261	27	20,552	3	-62.2		4	82	254	8	23,765	6	-54.8		8	11	248	1
FUKUOKA	2	1,012		14.7	5.1					1,470	0	7.5	13.4	0	25	249	2	3,046	0	-0.2	15.1	0	71	261	8	5,663	0	-16.0	14.7	0	91	267	17	9,321	0	-41.0		0	94	263	31
		11,979	0	-54.9		0	94	264	40	13,806	0	-57.9		0	97	265	38	16,314	0	-65.4		0	98	263	27	20,526	0	-62.6		0	91	257	9	23,732	0	-55.6		2	64	262	5
KAGOSHIMA	2	980		14.3	4.7					1,475	0	8.6	11.7	0	23	240	2	3,061	0	1.7	16.3	0	81	263	8	5,687	0	-13.8	14.6	0	96	266	17	9,389	0	-39.2	11.7	0	96	264	33
		12,059	0	-54.7		0	95	267	42	13,880	0	-59.5		0	97	266	40	16,368	0	-67.0		0	98	263	27	20,546	1	-63.7		1	91	259	8	23,744	1	-56.2		1	59	272	3
NAZE	2	979		16.4	1.7					1,486	0	11.0	12.3	0	31	287	2	3,086	0	4.2	17.1	0	89	270	9	5,751	0	-10.7	15.0	0	97	265	19	9,483	0	-36.9	11.5	0	95	266	31
		12,177	0	-53.8		0	95	269	41	13,993	0	-61.6		0	97	268	38	16,439	0	-71.2		0	97	265	23	20,564	2	-64.2		5	67	242	3	23,749	6	-56.4		1	29	5	1
ISHIGAKIJIMA	2	1,012		22.0	4.8					1,498	0	14.6	9.4	0	13	333	1	3,119	0	7.0	9.2	0	82	267	7	5,807	0	-8.2	13.4	0	96	261	17	9,583	0	-33.8	12.3	0	94	269	27
		12,311	0	-51.9		0	96	273	35	14,124	0	-63.8		0	97	269	30	16,533	0	-75.4		0	97	271	18	20,591	2	-65.8		3	37	225	2	23,764	3	-56.8		5	10	225	1
NAHA	2	1,010		20.4	5.0					1,495	0	13.0	12.8	0	24	302	2	3,110	0	6.4	14.3	0	86	274	9	5,791	0	-9.1	12.7	0	95	264	18	9,550	0	-35.2	11.0	0	95	267	28
		12,263	0	-52.7		0	95	271	35	14,075	0	-63.0		0	97	268	32	16,499	0	-73.5		0	98	269	20	20,581	1	-65.1		1	61	255	3	23,759	1	-56.5		2	19	297	1
MINAMIDAITOJIMA	2	1,011		19.9	3.7					1,493	0	13.2	11.5	0	32	279	2	3,110	0	6.5	13.8	0	77	259	8	5,792	0	-9.0	14.1	0	95	262	17	9,553	0	-35.1	11.4	0	95	265	29
		12,264	0	-53.2		0	94	267	37	14,072	0	-63.5		0	97	269	34	16,493	0	-73.9		0	97	265	20	20,572	1	-65.4		1	33	230	2	23,749	2	-56.5		3	36	303	2
CHICHIJIMA	2	1,013		21.0	3.6					1,504	0	12.9	8.3	0	17	200	2	3,118	0	6.5	14.5	0	74	264	9	5,799	0	-9.1	14.4	0	89	264	16	9,555	0	-35.3	11.6	0	90	264	26
		12,258	0	-53.9		0	95	270	37	14,064	0	-63.1		0	96	273	34	16,493	0	-73.2		0	94	267	19	20,585	2	-66.2		2	32	215	2	23,754	2	-56.6		6	9	76	1
MINAMITORISHIMA	2	1,013		23.3	2.2					1,515	0	15.4	6.6	0	40	135	3	3,142	0	7.9	12.4	0	32	228	3	5,837	0	-8.0	13.9	0	69	269	8	9,610	0	-35.0	11.6	0	80	282	16
		12,313	0	-55.0		0	85	287	25	14,109	0	-64.1		0	92	290	24	16,525	0	-74.5		0	80	288	12	20,592	4	-66.4		4	43	108	2	23,744	5	-57.3		8	34	99	2
JORDON																																									
MAFRAQ	3	936		16.3	12.5					1,484	0	11.3	14.4	0	73	266	5	3,075	0	2.1	16.2	0	79	263	8	5,690	0	-16.6	14.6	0	80	261	11	9,317	0	-43.0		0	84	262	21
		11,960	0	-54.6		0	87	264	25	13,795	3	-56.4		3	91	264	24	16,333	5	-63.1		5	84	261	18																
KUWAIT																																									
KUWAIT INTL AIRPORT	3	1,004		26.3	4.5					1,505	0	17.5	6.1	0	55	281	4	3,125	0	5.5	17.0	0	79	272	9	5,777	0	-13.1	40.0	0	97	269	35	9,464	0	-40.1	63.5	0	99	264	65
		12,126	1	-55.3		1	99	257	41	13,944	1	-59.3		1	99	257	35	16,432	1	-68.5		1	99	257	22	20,567	3	-64.5		3	57	287	5	23,729	3	-57.6		3	40	53	2

UPPER AIR DATA

APRIL 1985

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			
ASIA		HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	HEIGHT	NUMBER OF MISSING DAYS	MEAN	DEW POINT DEPRESSION	NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SAUDI ARABIA																																									
JEDDAH (KING ABDULAZIZ) AP	3	1,006		28.6	12.6					1,499	2	20.8	16.4	3	20	173	1	3,142	2	9.3	19.1	2	62	214	5	5,835	3	-8.9	19.6	3	85	258	13	9,589	2	-35.4	14.3	3	92	271	24
		12,301	2	-53.8	15.2	2	95	270	30	14,107	3	-63.2	11.0	3	95	266	24	16,525	4	-74.8	16.3	4	91	261	12	20,592	7	-65.5	17.2	7	60	100	3	23,777	15	-55.3	23.9				
TABOUK	3	925		22.8	27.8					1,502	1	16.9	20.9	1	53	266	3	3,117	1	4.3	18.6	1	71	253	6	5,761	1	-13.3	22.8	1	85	266	15	9,445	1	-39.9	15.3	1	89	266	30
		12,119	1	-54.1	15.5	1	94	267	38	13,942	1	-59.4	17.5	1	95	265	31	16,425	2	-68.1	18.6	2	92	264	34	20,583	4	-64.3	19.4	4	36	234	1	23,774	6	-55.4	21.8	6	17	49	1
MADINAH	3	939		26.7	25.1					1,506	2	20.4	20.1	3	12	236	1	3,141	2	7.3	15.4	3	63	237	6	5,818	2	-10.3	21.8	2	88	260	14	9,548	4	-37.4	12.9	5	91	267	28
		12,246	4	-53.9	15.5	4	96	270	35	14,061	5	-61.6	16.9	5	96	264	29	16,501	5	-72.4	17.5	5	93	259	16	20,594	7	-65.5	18.6	7	51	115	2	23,773	9	-55.5	23.8	9	56	83	3
KHAMIS MUSHAIT	3	798		18.6	8.2													3,168	2	10.6	8.4	3	71	211	4	5,870	2	-7.7	17.2	3	75	269	7	9,654	2	-33.2	15.9	2	89	272	40
		12,382	3	-53.7	13.8	3	90	268	24	14,179	3	-65.4	14.0	3	92	264	18	16,570	4	-77.5	14.4	4	79	247	7	20,611	14	-65.8	17.6					23,798	17	-54.2	22.8				
KING KHALED INT AP	3	942		25.5	24.5					1,509	2	19.9	21.2	2	18	261	1	3,141	2	7.0	15.7	3	68	276	6	5,816	2	-10.4	25.5	4	89	268	14	9,542	2	-37.9	24.2	2	88	268	13
		12,232	4	-54.4	26.3	4	92	268	32	14,041	5	-62.6		5	95	263	27	16,479	6	-72.9		6	91	254	13	20,557	9	-66.5		9	26	85	1	23,726	11	-56.4					
QAISUMAH	3	969		25.2	23.7					1,504	3	-17.9	19.9	3	46	283	3	3,126	3	5.6	16.8	3	73	272	8	5,783	3	-12.4	18.9	3	87	265	15	9,485	3	-39.0	13.4	3	89	266	27
		12,159	3	-54.1	14.1	3	94	267	36	13,984	3	-59.7	16.0	3	95	262	21	16,467	4	-68.9	16.8	4	93	259	18	20,609	7	-64.6	17.6	8	19	252	1	23,791	11	-55.9	20.7				
DHAHRAN	3	1,008		26.1	16.0					1,503	2	18.2	20.8	2	64	307	5	3,130	2	7.0	20.4	2	75	281	7	5,802	2	-10.9	18.0	2	87	272	14	9,525	2	-37.8	13.2	2	89	269	25
		12,222	3	-52.7	15.5	3	93	268	34	14,045	3	-60.7	17.0	3	94	263	29	16,498	5	-72.0	17.2	5	91	255	16	20,596	8	-65.6	17.4	8	11	56	0	23,780	11	-55.6	21.8				
OMAN																																									
SEEB INTERNATIONAL AP	3	1,006		29.4	15.9					1,495	0	20.5	18.9	0	81	286	4	3,135	0	8.3	16.7	0	84	277	8	5,826	0	-8.8	19.9	0	78	270	10	9,572	0	-35.9	16.1	0	86	268	20
		12,295	0	-50.1		0	86	265	25	14,124	0	-62.2		0	90	259	21	16,544	0	-74.5		0	89	250	11	20,605	0	-65.6		0	9	195	1	23,793	0	-54.9		0	48	91	2
UNITED ARAB EMIRATES																																									
ABU DHABI NEW INT AIRPORT	3	1,007		24.7	8.3					1,493	14	18.6	20.4	5	55	295	4	3,121	14	8.2	16.7	5	69	278	7	5,809	14	-8.9	15.6	7	82	271	12	9,555	14	-35.9	13.1	8	86	268	22
		12,271	14	-52.1		11	90	267	31	14,080	15	-63.1		15	91	267	24	16,497	19	-74.2		18	95	265	14																
AFGHANISTAN																																									
KABUL-AIRPORT	3	819		14.6	12.8													3,086		6.2	13.3	4	20	321	1	5,736		-13.8	9.8	3	64	271	6	9,390		-41.3	8.8	2	75	268	16
		12,047		-53.5	8.6		90	266	28	13,882		-56.7	9.1		95	265	29	16,393		-65.5	8.7	2	94	264	19	20,556		-65.2	8.9	9	68	266	4	23,709		-58.4	0.1	5	67	287	3
KANDAHAR-AIRPORT	1	897		14.2	10.8					1,460		18.3	16.5	9	28	230	1	3,090		6.4	14.9	9	95	295	2	5,750		-13.5	12.1	8	71	260	9	9,440		-39.9	9.4	9	77	275	19
		12,130		-52.1	8.7	93	265	35		13,970		-58.6	8.3	9	94	260	30	16,450		-68.8	6.6		99	253	35																
PAKISTAN																																									
SARGODHA	1	984		21.0	5.8					1,484	0	19.4	11.0	9	15	345	1	3,150	0	7.0	9.9	9	73	281	5	5,835	0	-12.3	9.8	9	70	274	7	9,637	0	-39.1		9	80	261	15
		12,397	1	-53.3																																					
MULTAN	1	991		21.4	7.2					1,461	2	18.0	7.4	2	17	290	1	3,073	2	6.4	6.4	2	66	269	5	5,727	5	-12.5				266	8	9,440	7	-36.3		7	70	269	19
		12,180	8	-48.1		9	81	270	22	14,052	9	-54.3																													
KARACHI AIRPORT	1	1,003		23.6	3.3					1,461	6	20.4	15.9	7	88	255	3	3,098	6	9.0	13.6	7	94	278	6	5,791	6	-8.9	11.2	7	98	278	11	9,547	6	-34.5		7	99	277	19
		12,285	7	-50.3		8	99	280	23	14,099	6	-59.9		9	99	280	28																								
INDIA																																									
SRINAGAR	3	839		14.0	6.4					1,490								3,103	0	6.0	8.1	9	22	127	1	5,767	0	-12.3	7.2	9	62	201	5	9,482	0	-37.9		9	69	248	13
		12,164	0	-51.9		9	83	265	24	14,010	1	-55.5						16,622	13	-58.5																					
NEW DELHI/SAFDARJUNG	3	973		29.6	20.6					1,460	0	21.6	20.1	0	85	294	7	3,102	0	7.7	12.7	0	90	280	9	5,783	0	-10.7		0	92	275	15	9,499	0	-37.1		0	91	268	27
		12,209	0	-52.0		0	91	267	31	14,031	0	-61.8		0	95	263	27	16,459	1	-73.2		1	94	264	15	20,561	2	-63.9		2	16	12	1	23,783	4	-52.9		4	62	288	3
JODHPUR	3	979		30.9	17.4					1,467	0	22.1	26.6	0	79	250	6	3,107	0	8.2	16.7	0	77	257	6	5,791	0	-10.2		1	90	262	15	9,519	1	-36.4		1	93	261	28
		12,229	2	-52.2		1	81	263	29	14,042	2	-62.5		1	92	262	25	16,472	3	-74.0		3	84	258	11	20,564	5	-62.3		5	22	334	1	23,792	9	-52.7		9	36	278	1
LUCKNOW/AMAUSI	3	989		28.2	10.5					1,450	0	22.4	23.2	0	94	300	8	3,095	0	8.6	17.0	9	1	294	11	5,779	0	-10.5		0	92	287	16	9,515	0	-37.6		0	89	276	24
		12,214	0	-52.9		0	91	271	28	14,024	8	-64.0		8	96	268	22	16,430	10	-75.7		9	92	272	17	20,483	15	-66.0													
GAUHATI	3	998		25.1	4.9					1,443	0	17.4	8.4	0	80	244	6	3,066	0	5.9	9.9	0	96	265	13	5,746	0	-8.8		0	91	273	14	9,514	0	-34.1		0	91	269	25
		12,241	0	-51.9		0	91	264	30	14,059	0	-63.9		0	96	268	26	16,470	0	-75.3		0	97	279	16	20,515	2	-66.0		2	29	15	1	23,711	3	-55.2		3	61	276	3
AHMADABAD	3	1,000		31.5	17.3					1,489	1	23.8	7.9	1	79	265	5	3,143	1	11.5		1	84	255	7	5,865	1	-6.1		1	94	261	11	9,681	2	-30.1		3	86	264	21
		12,476	5	-46.8		6	91	262	24	14,332	5	-58.7		6	89	257	22	16,785	9	-71.0		9	91	252	11	20,895	14	-63.5						24,106	19	-52.2					
CALCUTTA/DUM DUM	3	1,002		29.9	9.3					1,455	0	22.2	17.6	0	86	277	5	3,097	0	8.9	14.6	0	94	292	11	5,794	0	-8.2		0	93	288	15	9,575	0	-32.3		0	88	265	22
		12,323	0	-51.8		0	95	261	24	14,139	2	-64.5		2	93	265	17	16,529	4	-78.1		4	91	266	8	20,613	10	-64.6		9	35	286	2	23,815	14	-53.9					
NAGPUR/SONEGAON	3	970		33.0	26.1					1,483	1	26.3	23.6	1	74	303	4	3,146	1	11.6	15.3	1	71	264	5	5,844	1	-7.6		1	85	280	8	9,633	7	-33.3		7	85	284	15
		12,380	8	-52.2		8	87	248	17																																
BHUBANESWAR	3	998		29.9	6.5					1,469	0	25.5	16.5	0	69	283	4	3,130	0	11.5	17.9	0	84	308	7	5,844	0	-6.0	11.8	0	82	293	10	9,675	0	-28.9		0	84	263	16
		12,461	0	-49.3		0	85	253	17	14,287	0	-63.3		0	90	256	15	16,687	0	-76.2		0	53	253	5	20,826	1	-58.7		1	40	54	2	24,120	6	-47.1		6	22	51	1
BOMBAY/SANTACRUZ	3	1,005		28.0	6.7					1,477	0	22.5	23.0	0	52	295	3	3,131	0	11.0	18.1	0	76	205	6	5,838	0	-7.0		0	68	252	5	9,625	0	-33.0		0	72	248	12
		12,353	0	-52.8		0	87	233	15	14,165	0	-65.7		0	92	225	14	16,554	0	-78.4		0	80	167	5	20,583	4	-65.3		4	34	63	2	23,777	11	-54.7					
HYDERABAD AIRPORT	3	949		32.0	18.2					1,513	0	25.2	17.5	0	25	320	1	3,174	0	11.9	12.0	0	49	341	2	5,892	0	-6.0		0	43	294	3	9,725	0	-29.4		0	97	250	11
		12,507	0	-48.9		0	83	235	13	14,334	0	-63.4		0	80	226	10	16,725	5	-77.0		5	38	145	3																
VISHAKHAPATNAM/WALTAIR	3	998		28.8	4.1					1,458	0	23.2	14.8	1	58	274	3	3,114	0	10.7	12.6	1	73	12	4	5,821	0	-6.1	12.4	2	53	295	5	9,657	0	-28.1	9.0	4	68	257	10
		12,449	0	-48.6		9	78	241	12	14,284	2	-61.7		9	49	217	8																								
GOA/PANJIM	3	1,000		27.9	5.2					1,482	0	23.0	18.2	0	99	338	5	3,137	0	10.8	13.2	0	80	108	4	5,852	0	-5.7		1	14	53	1	9,670	0	-30.0		1	66	245	6
		12,447	2	-50.5		4	66	223	8	14,257	2	-65.5		5	73	211	8	16,652	8	-77.8		9	80	123	8																
MADRAS/MINAMBAKKAM	3	1,003		29.7	5.9					1,478	0	24.4	17.9	0	40	172	2	3,140	0	12.5	15.2	0	88	41	6	5,870	0	-3.7	16.9	0	41	62	3	9,737	0	-27.2		0	59	212	6
		12,531	1	-47.6		2	71	202	7	14,364	1	-61.2		2	70	173	7	16,794	4	-76.1		5	90	113	10	20,916	10	-58.5						24,215	13	-46.7					
PANAMBUR	3	1,003		28.7	5.5					1,483	0	21.5	9.6	0	50	19	2	3,139	0	11.2	9.3	0	91	98	6	5,861	0	-4.7	14.8	0	33	79	2	9,706	0	-28.8		0	48	259	5
		12,488	0	-49.6		0	71	227	7	14,317	0	-63.9		0	70	197	7	16,703	0	-77.5		0	87	137	9	20,802	1	-61.0		4	69	119	5	24,038	11	-50.7					
PORT BLAIR	3	999		27.2	3.9					1,483	0	18.4	8.0	0	58	320	2	3,125	0	9.5	11.9	0	55	33	2	5,852	1	-3.9	22.1	1	44	45	2	9,702	1	-28.8		1	26	153	2
		12,483	2	-50.6		2	51	175	4	14,307	4	-65.6		4	64	199	7																								
COCHIN/WILLINGDON	3	1,007		29.3	4.6					1,489	0	20.8	5.7					3,143	0	10.9	9.1					5,871	0	-4.0	11.9					9,728	1	-27.6					
		12,510	4	-50.1						14,337	7	-64.3																													

UPPER AIR DATA

APRIL 1985

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
ASIA																																									
INDIA																																									
MINICOY	3	1,007		29.2	4.7					1,482	0	19.2	7.8	0	39	25	1	3,124	0	9.6	10.6	0	91	84	8	5,841	0	-5.3	14.6	0	43	85	3	9,685	0	-29.3		0	26	216	2
		12,453	2	-51.4		2	86	163	7	14,275	15	-65.1																													
TRIVANDRUM	3	999		28.5	3.9					1,473	0	20.1	5.5	0	52	4	2	3,121	0	10.9	11.1	0	93	63	8	5,848	0	-4.2	13.8	0	58	60	4	9,696	0	-28.9		0	13	306	1
		12,498	0	-50.1		0	71	137	6	14,294	0	-65.9		0	89	124	10	16,639	0	-79.2		0	84	90	10	20,747	0	-59.0		0	21	121	1	24,026	4	-48.6		4	95	261	9
THAILAND																																									
CHIANGMAI	1	972		23.3	3.0					1,474	2	19.9	5.7	2	34	250	2	3,118	2	9.1	5.6	2	42	290	3	5,826	2	-6.0	11.1	2	83	295	8	9,642	2	-30.9	13.3	2	86	275	14
		12,387	4	-52.3		4	88	270	13	14,205	7	-66.3		7	87	270	13	16,562	9	-80.1		9	60	275	5																
UBON RATCHATHANI	1	994		24.4	2.6					1,493	2	20.4	4.9	2	79	195	3	3,143	2	10.2	6.3	2	32	340	1	5,872	2	-4.2	9.8	2	60	275	3	9,709	3	-29.7		3	76	280	6
		12,460	3	-53.1		3	89	270	8	14,252	3	-67.7		3	80	275	6	16,608	3	-80.2		5	43	95	3	20,650	9	-62.9		9	73	95	4								
BANGKOK	1	1,007		26.5	1.3					1,494	0	19.6	5.2	0	46	210	2	3,139	0	9.6	7.5	0	40	135	2	5,857	0	-5.2	10.6	1	22	255	1	9,680	0	-31.7	9.4	1	62	290	3
		12,411	1	-54.5		2	72	225	5	14,188	1	-69.7		2	54	200	4	16,502	2	-84.6		2	73	100	6	20,524	4	-63.8		4	76	95	5	23,712	10	-53.3		10	22	270	1
SONGKHLA	1	1,007		25.3	1.8					1,482	0	18.4	3.7	0	18	260	1	3,123	0	9.4	7.0	0	15	250	1	5,841	0	-5.5	8.5	0	14	110	1	9,662	1	-30.5	9.4	2	64	115	5
		12,405	1	-53.8		3	79	110	7	14,187	2	-69.2		4	85	95	10	16,507	4	-84.2		7	95	95	15																
MALAYSIA																																									
PENANG/BAYAN LEPAS	3	1,007		26.9	2.3					1,489	0	19.9	5.2	0	44	315	2	3,136	0	11.1	8.6	0	36	284	2	5,865	0	-4.3	8.9	0	12	348	1	9,703	0	-29.7	7.9	0	77	106	5
		12,458	0	-52.0		0	86	105	9	14,257	0	-66.6		0	92	98	14	16,607	1	-81.7		1	96	88	17	20,643	3	-64.1		3	21	224	1	23,869	6	-52.9		6	95	273	13
KOTA BHARU	3	1,007		26.2	2.1					1,485	0	18.9	3.3	0	25	314	1	3,130	0	10.7	8.6	0	29	310	2	5,856	0	-4.5	8.4	0	22	59	1	9,686	0	-30.5	7.6	0	73	102	5
		12,431	0	-52.7		0	81	111	9	14,223	1	-67.5		2	88	99	12	16,563	9	-82.7		14	94	87	16	20,588	28	-63.3		2	85	299	7								
KUALA LUMPUR/PETALING JAYA	3	1,003		25.9	2.2					1,487	0	17.7	3.4	0	62	299	3	3,126	0	9.1	7.1	0	59	292	3	5,840	0	-6.3	7.0	0	26	21	1	9,661	0	-31.6	8.3	0	81	101	6
		12,393	0	-54.8		0	89	100	11	14,167	0	-70.5		0	92	94	15	16,475	0	-83.9		0	97	85	19	20,511	2	-63.1		6	41	251	3	23,749	8	-53.3		12	95	270	14
KUANTAN	3	1,006		24.9	2.0					1,485	0	17.5	3.0	0	38	298	2	3,123	0	8.9	6.9	0	48	295	3	5,839	0	-5.8	9.7	0	21	37	1	9,661	0	-31.6	10.3	0	85	105	6
		12,391	0	-55.3		0	85	103	10	14,160	1	-71.4		1	89	102	14	16,449	1	-86.7		1	94	89	18	20,423	1	-65.6		1	8	94	1	23,616	3	-54.3		3	94	276	12
KUCHING	3	1,006		24.9	1.5					1,485	0	17.4	3.0	0	76	263	3	3,123	0	8.7	4.6	1	68	269	4	5,834	0	-6.7	4.8	2	17	156	1	9,645	0	-32.1	8.7	1	86	100	6
		12,375	0	-55.0		2	90	99	11	14,151	2	-70.8		3	92	96	15	16,465	2	-84.9		3	95	91	17	20,487	6	-63.2		11	31	282	3	23,726	18	-54.1		24	97	260	14
KOTA KINABALU	3	1,007		27.3	3.9					1,488	0	18.9	4.5	0	57	234	3	3,131	0	10.5	6.6	0	32	210	1	5,856	0	-4.8	7.0	14	9	97	3	9,677	1	-31.2	8.5	1	78	83	5
		12,419	1	-52.3		1	83	101	8	14,220	1	-66.1		1	90	95	12	16,578	2	-81.8		2	93	84	14	20,599	4	-64.5		4	36	242	2	23,789	12	-54.5		14	90	265	11
TAWAU	1	1,007		25.6	1.6					1,500	0	18.9	4.2	0	31	253	1	3,143	0	10.2	5.1	0	36	254	2	5,868	0	-4.7	9.4	0	46	85	3	9,697	0	-30.1	13.2	0	83	92	6
		12,458	0	-50.6		1	86	92	9	14,274	0	-64.1		3	90	86	13	16,659	1	-79.0		9	94	80	15	20,766	6	-59.5		2	85	111	5	24,705	28	-47.7					
SINGAPORE																																									
SINGAPORE/CHANGI AIRPORT	0	1,006		24.8	0.5					1,490	1	18.6	4.0	1	69	268	4	3,132	1	9.9	6.3	1	65	284	4	5,851	1	-5.4	4.2	1	38	15	2	9,684	1	-30.0	8.0	1	84	99	7
		12,438	1	-52.7	9.3	1	90	102	12	14,228	1	-68.1		1	93	95	15	16,565	2	-82.5		2	98	83	16	20,602	2	-63.7		2	73	260	6	23,827	2	-52.4		2	96	271	13
CHINA																																									
URUMQI	1	913		6.0	6.3					1,502	0	6.6	9.6	0	59	360	3	3,074	0	-1.6	12.6	0	83	325	6	5,669	0	-18.7	10.7	0	90	302	14	9,275	0	-46.0	8.2	0	86	291	22
		11,878	0	-58.9	8.2	0	89	287	25	13,692	0	-56.9	9.1	0	95	288	23	16,249	2	-59.1	8.7	2	96	291	20	20,553	2	-61.3	10.4	2	93	300	13	23,757	5	-57.1	10.7	7	77	309	7
BEIJING	1	1,007		11.1	10.6					1,457	0	5.2	13.8	0	48	295	5	3,015	0	-4.2	14.5	0	71	294	9	5,583	0	-21.3	12.4	0	82	290	16	9,161	1	-46.5	9.4	1	84	283	26
		11,777	1	-55.6	9.7	1	91	280	31	13,613	1	-55.2	9.9	1	96	279	28	16,182	1	-59.2	9.9	1	98	281	23	20,489	2	-60.7		3	93	283	11	23,700	6	-55.5		6	79	257	5
LANZHOU	1	847		7.1	9.1													3,072	0	-1.0	11.1	0	20	127	1	5,696	0	-15.8	11.0	0	82	293	14	9,341	0	-43.3	9.0	0	88	280	29
		11,968	0	-57.8	9.3	0	94	279	31	13,782	0	-58.0	9.5	0	97	281	33	16,306	1	-64.4		1	96	281	26	20,504	2	-64.1		4	88	297	7	23,690	17	-56.2		51	81	3	
SHANGHAI	1	1,015		13.1	3.3					1,486	0	9.9	12.1	1	38	296	3	3,076	0	1.8	14.0	0	70	283	7	5,718	0	-13.3	14.4	0	94	271	16	9,420	0	-39.2	8.7	0	97	269	32
		12,095	0	-53.4	8.1	0	95	270	42	13,931	2	-57.4	9.0	2	0	267	42	16,446	3	-66.3		3	0	270	30	20,616	4	-64.1		4	90	268	9	23,801	4	-55.9		6	50	274	3
LHASA	1	651		3.7	13.1																					5,760	0	-8.4	14.0	0	83	268	50	9,494	1	-37.1	10.9	1	91	274	21
		12,214	2		11.9	2	93	274	37	14,061	4	-58.2	15.6	5	97	272	32	16,541	3	-69.7		5	90	277	18	20,638	4	-66.7		9	0	320	5	23,796	5	-57.8		9	50	309	2
KUNMING	1	810		11.4	3.1													3,109	0	7.1	4.9	2	91	277	10	5,804	0	-7.6	10.0	0	94	291	15	9,596	1	-32.6	10.2	2	87	284	27
		12,348	2	-50.2	9.5	2	95	284	35	14,176	2	-62.5		2	91	284	31	16,608	2	-74.3		4	95	289	19	20,642	8	-67.8		9	75	317	3	23,796	9	-57.2		9	25	72	1
GUANGZHOU	1	1,012		18.9	1.4					1,497	0	14.0	1.7	0	71	200	5	3,121	0	6.9	3.5	0	91	259	10	5,817	1	-7.3	7.9	0	94	266	15	9,611	1	-32.3	7.3	1	97	217	30
		12,359	1	-50.9	7.2	1	97	274	34	14,194	0	-62.6		1	97	278	28	16,601	2			2	94	272	16	20,639	6	-67.1		6	75	323	3	23,790	13	-55.8		9	60	75	3
AUSTRALASIA																																									
INDONESIA																																									
UJUNG PANDANG/HASANUDDIN	1	1,009		25.0	1.7					1,508	1	18.1	3.2	5	17	150	1	3,150	1	9.4	4.9	9	26			5,875	5	-4.6	5.4	9	33	90	3	9,720	8	-68.8	7.6	9	61	50	6
		12,504	12	-50.0		9	77	65	15	14,349	24	-62.4		9	68	85	16																								
NEW ZEALAND																																									
AUCKLAND AERODROME	1	1,023		17.7	4.5					1,559	0	5.9	3.6	6	48	34	9	3,132	0	-0.5	12.7	2	27	34	3	5,747	0	-16.2	10.0	1	55	271	11	9,400	0	-42.7	9.7	2	82	278	34
		12,038	0	-56.6	9.4	1	90	277	51	13,854	0	-59.1	9.7	2	94	278	47	16,381	1	-62.4		3	94	268	28	20,683	9	-58.7						23,927	9	-54.2					
CHRISTCHURCH AERODROME	1	1,019		16.4	7.2					1,536	0	5.4	7.2	1	53	300	5	3,103	0	-1.9	14.9	2	42	296	7	5,696	0	-18.9	12.9	1	50	278	11	9,293	0	-46.5	10.4	1	46	277	14
		11,892	0	-57.9	9.3	1	68	275	23	13,709	0	-56.9	10.2	1	81	273	26	16,259	0	-59.0		3	81	269	20	20,622	0	-57.5		6	38	227	6	23,865	2	-54.3		10	45	180	6
INVERCARGILL AERODROME	1	1,021		12.5	2.9					1,520	0	4.5	3.7	5	61	273	10	3,080	0	-3.1	9.4	4	59	284	11	5,666	0	-19.4	10.0	6	53	276	14	9,253	2	-47.1					
		11,848	2	-58.1						13,666	2	-57.3						16,226	3	-57.1						20,620	7	-55.7						23,870	9	-53.7					
NORTH PACIFIC																																									
MIDWAY ISLAND	1	1,019		22.6	7.6					1,535	0	10.6	7.9	0	48	123	3	3,135	0	3.7	12.5	0	18	126	1	5,795	0	-11.5	14.1	0	38	208	3	9,507	1	-39.1	8.7	1	42	238	6
		12,159	1	-59.3		1	53	255	9	13,942	1	-62.7		1	68	274	12	16,416	2	-66.9		2	80	280	10	20,609	2	-63.6		2	17	219	1	23,787	6	-56.5		6	27	116	1
LIHUE, KAUAI, HAWAII	1	1,014		24.8	7.0					1,541	0	11.2	2.5	0	70	55	4	3,147	0	5.9	18.5	0	34	57	2	5,826	0	-10.4	16.9	0	69	297	5	9,554	0	-37.8	10.7	0	91	266	15
		12,234	0	-56.9		0	97	270	29	14,015	0	-65.1		0	97	271	26	16,466	1	-69.5		1	95	275	14	20,640	2	-63.4		4	9	223	**	23,825	5	-56.1		5	44	132	2
HILO/GEN. LYMAN, HAWAII	1	1,016		23.4	5.4					1,535	0	11.5	1.8	0	34	79	1	3,142	0	5.6	16.0	0	45	261	3	5,821	0	-9.4	17.8	0	77	266	7	9,566	0	-36.3	12.2	0	95	263	24
		12,257	0	-56.6		1	96	269	36	14,034	0	-66.3		3	98	268	35	16,463	0	-71.2		3	97	268	16	20,613	0	-64.5		3	74	103	3	23,791	0	-56.3		1	47	121	2
WAKE ISLAND	1	1,014		27.6	7.2					1,529	0	15.1	5.8	0	67	99	5	3,155	0	8.2	15.1	0	21	103	1	5,854	0	-7.3	13.0	0	47	299	4	9,636	0	-34.5	11.2	1	66	293	11
		12,345	0	-54.5		1	79	294	23	14,145	0	-64.1		0	87	294	22	16,557	0	-74.4		0	90	304	12	20,649	0	-64.6		0	66	67	3	23,833	2	-55.5		2	56	95	2

UPPER AIR DATA

APRIL 1985

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AUSTRALASIA																																									
NORTH PACIFIC																																									
GUAM, TAGUAC, MARIANA IS.	1	998		27.0	3.9					1,509	0	17.8	5.5	1	55	95	4	3,152	0	10.8	14.2	1	40	106	3	5,880	0	-4.3	17.1	1	28	101	2	9,714	1	-30.3	13.6	1	76	290	7
		12,467	1	-52.5		1	85	281	11	14,264	1	-66.8		1	83	289	10	16,620	1	-80.6		1	75	11	4	20,652	1	-64.7		1	95	79	6	23,850	1	-54.9		1	38	268	2
YAP, CAROLINE ISLANDS	1	1,007		28.5	3.4					1,501	0	18.5	2.7	1	57	100	3	3,148	0	10.6	7.0	2	35	113	2	5,879	0	-4.4	10.5	1	46	106	3	9,722	0	-29.7	11.3	0	9	144	1
		12,479	0	-52.6						14,274	0	-67.5		0	20	339	1	16,622	0	-82.3		0	84	65	6	20,648	0	-63.6		0	83	94	4	23,861	0	-53.7		1	89	267	6
TRUK, CAROLINE ISLANDS	1	1,010		28.6	4.4					1,507	0	18.0	3.0	0	61	99	4	3,152	0	10.3	7.5	0	44	87	2	5,880	0	-4.5	10.5	0	59	104	3	9,723	0	-29.5	11.6	0	29	348	2
		12,484	1	-52.2		1	30	309	3	14,283	1	-67.2		1	45	321	4	16,631	1	-82.4		1	58	26	3	20,663	1	-62.8		1	44	90	2	23,888	2	-53.6		2	95	275	8
KOROR, PALAU ISLANDS	1	1,006		27.7	2.8					1,500	0	18.6	2.8	0	19	186	1	3,146	0	10.4	5.1	0	20	166	1	5,874	0	-4.8	6.1	0	52	109	3	9,718	0	-29.4	9.8	0	56	113	3
		12,479	0	-52.2		0	55	87	5	14,276	0	-67.3		0	59	75	5	16,624	0	-82.3		1	92	80	8	20,653	1	-63.7		1	39	109	2	23,872	1	-53.0		2	91	267	9
MAJURO, MARSHALL ISLANDS	1	1,010		27.8	3.4					1,508	0	18.1	2.8	0	92	98	7	3,152	0	10.0	4.7	0	65	90	4	5,874	0	-4.9	7.7	0	42	273	2	9,706	0	-30.5	11.2	0	87	266	11
		12,452	0	-53.0		0	84	277	15	14,246	0	-67.2		0	93	280	17	16,604	0	-80.3		0	89	281	9	20,661	0	-63.0		0	42	94	2	23,893	2	-52.3		2	97	269	10
PONAPE, CAROLINE ISLANDS	1	1,004		28.7	4.2					1,493	0	18.2	2.2	0	79	93	5	3,138	0	10.3	5.6	0	48	108	3	5,866	0	-4.5	11.6	1	8	63	**	9,707	0	-29.8	12.9	1	42	291	3
		12,464	0	-52.7		2	60	280	6	14,259	0	-67.3		1	75	303	9	16,612	0	-81.2		2	60	319	3	20,645	1	-63.1		3	35	93	2	23,864	3	-53.6		4	95	272	9
TARAWA, GILBERT ISLANDS	1	1,009		29.7	5.3					1,500	0	18.6	7.7	1	97	91	17	3,146	0	10.8	10.4	0	78	101	9	5,871	0	-5.3	10.5	1	40	264	4	9,695	0	-31.2	14.5	1	73	254	17
		12,431	0	-54.5	10.8	3	86	277	21	14,210	1	-69.7	9.0	3	95	277	31	16,532	2	-83.0		6	87	255	20	20,574	3	-62.1		2	63	215	12	23,801	5	-53.0		8	98	266	29
SOUTH PACIFIC																																									
FUNAFUTI, ELLICE IS.	1	1,009		28.7	4.4					1,505	0	18.3	2.9	0	95	81	12	3,147	0	10.2	6.6	2	90	90	11	5,867	1	-5.7	7.9	2	77	109	9	9,691	0	-31.3	11.9	3	63	130	8
		12,424	0	-54.6		3	54	191	9	14,203	0	-69.3		3	54	220	9	16,544	4	-82.4		3	57	141	8	20,585	6	-64.2		10	82	83	10	23,799	9	-52.9		19	43	235	3
ATUONA, MARQUESAS ISLAND	1	1,003		29.7	4.8					1,499	0	17.4	2.7	0	95	93	8	3,140	0	10.9	8.5	0	90	74	6	5,864	0	-4.3	10.4	0	50	95	3	9,690	0	-30.9	9.1	0	18	250	1
		12,430	0	-53.5		0	44	266	5	14,219	0	-67.2		0	74	265	10	16,594	0	-76.8		0	85	277	8	20,631	5	-65.7		6	86	85	7	23,841	17	-52.5		19	43	235	3
PAGO PAGO, SAMOA	1	1,011		28.8	4.1					1,518	0	17.7	2.6	1	91	83	5	3,160	0	9.6	5.8	0	67	79	3	5,878	0	-5.9	11.4	0	42	109	3	9,695	0	-31.5	10.5	0	21	256	2
		12,430	0	-54.1		0	48	239	5	14,220	0	-67.0		0	61	208	6	16,592	0	-78.1		0	42	175	3	20,654	0	-64.6		0	96	88	11	23,855	1	-53.6		1	87	81	5
HAO, TUAMOTU IS.	1	1,012		28.9	4.3					1,519	0	16.8	3.6	0	82	58	5	3,154	0	9.2	10.3	0	62	82	3	5,866	1	-6.0	13.7	1	42	102	2	9,667	1	-32.4	12.1	1	19	240	2
		12,397	1	-53.5		2	52	238	6	14,191	2	-66.6		3	63	237	8	16,565	6	-74.5		7	41	253	3	20,640	20	-67.6		22	98	75	11	23,800	29	-60.7					
TAHITI, SOCIETY IS.	1	1,011		29.4	5.2					1,510	1	17.0	4.1	1	63	35	4	3,143	1	9.0	8.8	1	37	24	3	5,855	1	-6.1	10.8	1	39	326	2	9,660	1	-32.1	11.7	1	68	264	5
		12,390	1	-53.7		1	84	256	10	14,177	1	-67.9		1	83	258	9	16,546	2	-75.5		2	47	268	4	20,604	6	-66.1		7	98	82	13	23,793	8	-55.4		8	96	86	10
NANDI, FIJI IS.	1	1,010		30.3	7.4					1,526	0	17.8	4.2	1	76	71	9	3,170	0	10.5	11.7	1	55	89	7	5,890	0	-5.6	14.9	1	18	118	4	9,699	0	-32.8	12.5	1	58	221	12
		12,421	0	-54.7	10.6	1	63	230	18	14,206	0	-67.9		1	66	228	18	16,567	0	-79.2		1	46	214	9	20,646	0	-63.4		0	89	98	22	23,878	6	-52.3		7	92	85	18
NOUMEA/NOUVELLE-CALEDONIE		1,005		26.9	5.6					1,522	2	16.5	6.2	2	51	32	3	3,157	2	9.6	13.5	2	65	306	4	5,870	2	-6.5	12.7	2	91	290	10	9,675	3	-31.8	11.1	2	92	279	20
		12,411	3	-52.4		3	91	271	24	14,215	3	-65.0		3	92	268	24	16,605	3	-77.3		3	87	272	13	20,677	3	-64.9		4	95	92	9	23,876	5	-54.8		6	96	85	13
RAROTONGA, COOK IS.	1	1,012		27.6	4.6					1,520	1	16.7	3.2	2	37	74	4	3,156	1	9.2	1.8	3	53	313	6	5,871	1	-6.1	11.6	2	74	278	14	9,672	1	-33.8	11.0	2	69	269	26
		12,377	1	-56.2		2	66	264	32	14,155	1	-67.7		2	74	252	34	16,547	1	-74.7		2	65	258	17	20,692	2	-62.7		5	89	91	18	23,928	4	-52.0		5	96	88	23
RAPA, AUSTRAL IS.	1	1,014		24.2	4.1					1,511	0	13.2	4.0	0	39	339	2	3,127	0	6.5	10.5	0	75	307	7	5,821	0	-7.8	12.4	1	90	291	13	9,597	1	-34.7	9.1	4	86	287	19
		12,309				8	79	285	19	14,098	5	-64.9		11	82	280	16	16,530	6	-70.9		15	63	273	8	20,702	8	-62.7		17	90	79	6	23,900	19	-54.9		23	91	82	9
CHATHAM ISLAND	1	1,019		14.5	3.9					1,531	0	2.5	3.0					3,099	0	-2.9	16.7					5,683	0	-19.6	11.7					9,276	0	-46.5					
		11,878	0	-58.0						13,701	1	-57.2						16,255	1	-59.2						20,607	2	-57.9						23,851	2	-54.9					
CAMPBELL ISLAND	1	1,013		8.6	1.6					1,439	0	0.9	3.8	3	78	268	27	2,979	0	-6.8	5.9	1	77	269	24	5,530	0	-22.5	6.7	1	80	271	35	9,094	0	-47.6		1	76	275	45
		11,709	1	-56.5		2	77	275	35	13,541	1	-55.7		2	83	277	31	16,122	1	-56.3		2	88	272	26	20,534	4	-55.8		6	89	262	23	23,792	9	-54.5		11	95	256	27
MACQUARIE ISLAND	1	1,011		6.0	1.1					1,415	0	-0.4	5.1	0	85	279	15	2,950	0	-7.2	10.6	0	83	276	17	5,495	0	-23.0	11.3	0	82	273	21	9,039	0	-48.5		1	76	272	23
		11,642	0	-55.6		1	85	275	20	13,478	0	-55.5		1	90	274	18	16,058	0	-55.8		1	95	277	16	20,468	0	-55.8		1	97	273	15	23,729	1	-54.5		2	97	269	17
COCOS ISLAND AP		1,009		26.3	4.1					1,490	0	16.6	3.4	0	82	124	6	3,123	0	9.9	14.6	0	42	114	3	5,842	0	-4.8	21.0	0	54	117	3	9,662	0	-31.3		0	35	86	3
		12,396	1	-51.0		1	41	21	3	14,174	1	-69.4		3	70	40	6	16,493	4	-83.1		6	80	87	7	20,527	8	-62.3		9	89	82	7								
OCEAN SHIPS																																									
SHIP L	0	1,007		8.4	3.3					1,378	0	-0.8	3.1	0	35	255	4	2,909	0	-8.0	11.7	0	48	262	6	5,449	0	-23.4	9.1	0	61	265	11	8,994	0	-47.8		0	66	263	18
		11,627	0	-52.9		0	73	270	13	13,485	0	-51.4		0	73	270	9	16,110	0	-53.4		0	71	271	6	20,545	0	-55.5		0	25	354	1	23,809	4	-54.2		0	80	71	3
SHIP R		1,014		11.6	2.6					1,440	0	2.9	7.8	0	24	281	3	2,998	0	-4.6	12.3	0	1	278	5	5,566	0	-21.2	11.2	0	24	289	5	9,146	2	-47.0		1	27	288	7
		11,744	1	-56.8		1	34	289	8	13,575	1	-54.9		1	44	292	7	16,155	2	-57.1		1	46	285	4	20,496	13	-59.0		9	14	259	1								

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	STEADINESS FACTOR	DIRECTION	SPEED
		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
AUGUST 1984																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
KINGSTON/NORMAN MANLEY, JAM.	2	1,014		26.8	5.1					1,536	6	17.6	5.9	7	97	101	11	3,172	6	8.8	11.2	6	95	104	10	5,875	6	-7.5	10.5	6	61	108	3	9,661	7	-33.6	9.3	7	55	21	4
		12,374	7	-55.7		7	65	324	8	14,148	7	-69.3		8	70	307	9	16,531	9	-72.9		9	83	91	5	20,696	10	-61.8		11	99	87	21	23,905	11	-55.4		11	99	90	25
SEPTEMBER 1984																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
KINGSTON/NORMAN MANLEY, JAM.	2	1,012		26.1	4.1					1,518	0	17.3	4.4	0	95	107	8	3,154	0	8.6	7.4	0	78	119	5	5,860	0	-7.0	10.5	0	35	135	2	9,654	0	-33.1	9.8	0	14	339	1
		12,369	0	-55.9		0	27	310	3	14,140	0	-70.0		0	47	293	4	16,508	0	-74.7		0	78	69	4	20,660	0	-62.7		1	99	84	18	23,865	1	-56.1		3	99	94	22
OCTOBER 1984																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
SAN ANDRES,COLOMBIA	2	1,010		26.6	2.4					1,509	3	17.3	2.0	3	96	72	7	3,146	4	8.6	4.2	4	84	82	5	5,861	4	-6.1	8.3	5	48	69	2	9,681	5	-31.5	9.5	5	42	302	2
		12,418	7	-54.4		7	42	257	4	14,202	8	-68.4		8	26	288	2	16,559	8	-79.4		8	31	43	2	20,657	9	-64.1		9	99	87	17	23,862	10	-54.7		10	99	89	22
NOVEMBER 1984																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
SAN ANDRES,COLOMBIA	2	1,011		26.2	3.3					1,508	15	16.0	1.4	16	85	57	7	3,139	15	8.4	7.7	16	57	91	3	5,852	16	-6.0	10.4	17	31	177	2	9,675	19	-31.5	12.0	19	75	229	6
		12,410	19	-54.2		19	91	197	10	14,195	19	-67.9		19	92	199	10	16,558	19	-81.2		19	53	216	2	20,610	19	-65.2		19	98	80	13	23,796	20	-56.8					
DECEMBER 1984																																									
NORTH AMERICA																																									
GUATEMALA																																									
GUATEMALA/LA AURORA AP	2	853		13.2	1.3					1,525	1	13.0	1.9	2	98	9	5	3,144	1	8.2	13.8	2	84	80	6	5,850	1	-6.9	18.6	2	55	91	4	9,614	1	-36.0	14.7	2	24	198	2
		12,305	1	-56.1		2	51	250	4	14,090	1	-65.5		2	74	232	6	16,496	1	-77.1		3	44	123	3	20,528	5	-64.9		6	97	87	9	23,701	7	-56.9		8	91	84	6
ADJACENT ISLANDS																																									
KINGSTON/NORMAN MANLEY, JAM.	2	1,014		24.3	5.7					1,527	2	14.8	4.4	7	97	84	7	3,151	2	8.6	17.6	7	94	86	9	5,854	2	-7.7	18.6	7	74	76	6	9,624	3	-35.2	12.5	8	73	270	8
		12,325	4	-55.7		9	95	250	16	14,107	4	-66.7		9	91	260	11	16,496	4	-77.1		10	52	318	5	20,516	5	-65.6		11	91	76	5	23,681	7	-58.5		12	71	77	4
SAN ANDRES,COLOMBIA	2	1,012		26.1	4.2					1,508	22	15.5	4.8					3,134	22	7.6	12.6					5,847	22	-5.7	15.2					9,641	22	-34.1	14.5				
		12,346	23	-55.3						14,143	23	-64.6						16,531	23	-79.5						20,530	23	-66.9						23,711	24	-54.3					
JANUARY 1985																																									
NORTH AMERICA																																									
ADJACENT ISLANDS																																									
KINGSTON/NORMAN MANLEY, JAM.	2	1,016		23.0	5.2					1,532	2	14.0	5.1	6	88	95	4	3,148	2	6.6	13.1	5	71	60	4	5,852	2	-6.0	19.5	3	57	279	4	9,636	2	-34.5	14.7	3	93	265	15
		12,347	3	-55.1		4	96	242	22	14,139	3	-66.0		4	94	251	16	16,506	4	-80.4		5	86	242	8	20,469	4	-68.9		5	77	86	6	23,576	6	-60.6		6	58	44	3
JULIANA AP, ST. MAARTEN	2	1,016		25.5	5.0					1,542	3	13.7	6.0	4	90	85	6	3,163	3	9.0	17.9	4	79	94	5	5,879	3	-6.0	19.6	4	20	59	2	9,681	3	-32.2	15.3	5	89	291	13
		12,416	4	-53.2		6	95	272	18	14,219	4	-65.3		6	87	287	13	16,612	4	-77.2		7	49	331	4	20,639	5	-66.0		7	90	78	7	23,791	8	-59.2		11	67	62	4
SAN ANDRES,COLOMBIA	2	1,014		25.4	3.8					1,524	1	14.8	3.8	1	94	67	8	3,145	2	7.6	13.4	2	81	68	6	5,862	2	-4.2	19.7	3	75	95	5	9,678	3	-32.8	15.1	4	79	241	7
		12,402	4	-54.7		5	87	208	12	14,189	5	-66.5		5	81	204	10	16,551	5	-81.2		5	51	144	4	20,518	8	-68.1		8	94	90	10	23,658	9	-56.8		9	40	84	2
AFRICA																																									
NIGERIA																																									
KANO	2	958		28.7	24.1					1,518	1	20.6	24.9	1	87	66	7	3,167	1	10.6	16.9	1	45	65	3	5,873	1	-7.6	15.1	1	36	215	2	9,660	1	-33.5	13.6	1	88	266	14
		12,374	1	-55.3		1	83	261	20	14,151	1	-68.2		1	79	247	19	16,523	4	-77.7		4	63	243	15	20,555	6	-66.7		8	77	85	12	23,722	10	-56.6					

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
FEBRUARY 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
NORTH AMERICA																																									
MEXICO-SOUTHERN																																									
SOCORRO IS	2	1,009		20.1	4.8					1,501	0	15.6	13.9	0	47	274	2	3,123	0	6.7	15.1	0	71	237	6	5,802	0	-10.3	10.9	0	88	268	11	9,537	1	-37.8	9.9	1	88	261	17
		12,212	1	-56.2		1	93	267	24	14,008	1	-64.0		1	96	265	25	16,445	4	-71.9		4	95	267	17	20,527	9	-67.0		9	38	283	2	23,672	10	-58.5		10	12	315	1
ADJACENT ISLANDS																																									
KINGSTON/NORMAN MANLEY, JAM.	2	1,015		23.5	5.0					1,533	0	14.1	3.2	0	96	94	8	3,153	0	7.5	13.6	0	74	92	6	5,854	0	-7.4	19.0	1	26	112	2	9,616	1	-35.8	13.4	1	61	268	7
		12,314	1	-55.6		2	83	270	13	14,103	1	-65.9		2	82	270	13	16,491	1	-77.5		1	55	269	7	20,490	1	-70.2		1	66	76	4	23,611	2	-59.0		2	88	27	4
JULIANA AP, ST. MAARTEN	2	1,017		25.3	5.2					1,547	3	12.9	4.4	5	91	90	9	3,163	3	8.2	19.1	5	74	84	6	5,864	3	-7.8	18.2	5	37	61	2	9,629	3	-35.2	14.9	7	76	276	10
		12,349	7	-54.2		10	76	282	13	14,153	8	-63.9		10	75	279	13	16,570	8	-74.5		10	59	291	7	20,627	10	-66.6		12	80	73	5	23,789	11	-57.1		14	81	80	3
DOMINICAN REPUBLIC																																									
SANTO DOMINGO	2	1,015		20.9	1.8					1,536	0	12.9	2.8	6	87	76	6	3,151	0	7.3	15.3	6	57	95	4	5,854	0	-7.0	19.0	6	22	174	2	9,624	0	-35.1	13.5	6	67	262	9
		12,332	2	-54.9		8	82	269	12	14,136	5	-64.6		8	73	268	11	16,536	5	-76.6		8	45	274	5	20,565	6	-68.4		9	71	63	4	23,711	8	-57.8		11	38	7	1
SOUTH AMERICA																																									
PERU																																									
LIMA-CALLAO/INTL AP/	1	1,008		23.5	5.0					1,486	10	16.6	4.4	10	7	131	**	3,120	10	8.8	8.7	10	32	330	1	5,834	10	-6.2	1.2	10	43	62	2	9,648	10	-32.1	7.4	10	90	64	9
		12,370	10	-55.9		11	97	56	17	14,147	11	-69.2		11	97	44	13	16,486	12	-82.1		15	96	61	10	20,445	22	-69.1						23,561	23	-59.2					
EUROPE																																									
BELGIUM																																									
UCCLE	2	1,010		1.1	4.5					1,479	0	-2.0	5.3	0	28	54	3	3,004	0	-8.5	4.5	0	35	351	4	5,532	0	-25.2	5.1	0	61	320	8	9,044	0	-51.9		0	70	295	13
		11,595	0	-60.8		0	76	293	17	13,395	0	-57.8		0	87	293	17	15,949	0	-58.7		0	92	291	17	20,284	3	-60.8		3	94	292	14	23,471	3	-59.2		3	95	287	15
MARCH 1985																																									
NORTH AMERICA																																									
MEXICO-NORTHERN																																									
EMPALME	2	1,012		14.4	9.6					1,500	0	13.0	18.1	0	37	273	2	3,104	0	4.2	17.7	0	83	243	8	5,762	0	-12.3	4.1	0	93	251	17	9,458	0	-40.1	5.8	0	96	253	29
		12,111	0	-58.2		0	97	257	34	13,903	1	-62.2		1	97	254	30	16,378	3	-67.5		3	97	251	23	20,528	6	-67.2		7	34	212	2	23,659	10	-60.1		11	35	55	2
MAZATLAN CARRASCO	2	1,011		17.1	2.4					1,501	0	17.8	15.2	3	37	332	2	3,132	0	7.7	13.3	2	76	240	5	5,822	1	-9.1	14.2	2	82	234	12	9,568	0	-37.2	8.6	2	83	246	19
		12,237	0	-58.3		1	89	255	24	14,017	2	-63.6		2	93	251	22	16,461	2	-72.0		2	96	242	15	20,533	7	-68.8		7	54	85	2	23,660	7	-59.6		7	38	66	2
MONTERREY AEROP. INTL	2	962		16.0	4.0					1,502	0	14.2	8.6	2	33	164	2	3,126	0	7.6	15.1	1	59	239	4	5,807	0	-10.3	13.8	0	83	252	13	9,540	0	-37.9	11.1	2	86	255	20
		12,203	0	-58.8		9	82	259	21	13,985	1	-64.1		10	95	253	21	16,433	1	-71.2		10	96	247	16	20,512	5	-69.1		8	33	116	1	23,631	7	-60.4		8	31	29	1
CHIHUAHUA UNIV. DE	2	857		8.9	7.4					1,500	2	11.1	12.1	3	50	229	1	3,101	0	4.1	11.7	1	84	241	10	5,761	0	-11.9	14.5	1	95	253	16	9,462	0	-39.6	7.5	2	95	252	27
		12,116	0	-57.9		4	95	260	32	13,902	0	-62.9		4	97	256	28	16,379	2	-67.1		6	95	253	19	20,514	10	-67.9		12	54	237	3	23,645	15	-60.1		16	44	63	2
GUADALAJARA	2	846		10.5	3.2													3,140	1	8.7	11.6	2	63	233	4	5,838	1	-8.0	16.8	1	69	234	7	9,597	1	-36.4	11.1	4	67	255	11
		12,278	2	-56.8		6	72	272	15	14,068	2	-63.6		6	95	252	16	16,499	5	-73.6		8	94	239	11	20,547	9	-68.6		11	25	80	1	23,679	11	-59.6		11	17	101	1
MEXICO-SOUTHERN																																									
MANZANILLO	2	1,011		21.1	4.0					1,506	0	19.0	15.9	0	31	287	1	3,142	0	8.4	12.9	0	34	203	2	5,838	0	-8.0	17.6	0	56	229	5	9,594	0	-36.9	11.1	0	57	261	9
		12,270	0	-57.6		0	75	273	14	14,055	0	-65.1		0	92	259	17	16,468	0	-75.0		0	90	249	9	20,495	3	-68.3		3	49	98	3	23,629	4	-58.9		4	3	319	**
SOCORRO IS	2	1,008		20.8	3.7					1,504	0	17.5	17.9	0	40	26	2	3,133	0	7.0	12.8	0	34	219	2	5,830	0	-7.7	16.6	0	61	251	6	9,592	1	-36.3	9.7	1	83	273	14
		12,273	1	-57.6		1	86	283	17	14,053	1	-65.1		1	95	278	20	16,477	1	-73.4		1	92	261	12	20,546	8	-66.8		8	18	183	1	23,698	10	-58.3		10	22	285	1
MEXICO CITY INT.AP, D.F.	2	781		9.7	8.0													3,149	0	9.0	8.1	1	41	250	1	5,851	0	-7.6	17.0	0	43	241	3	9,611	0	-36.4	12.0	1	49	269	5
		12,297	0	-56.1		1	81	269	12	14,091	0	-64.1		2	96	255	15	16,511	3	-75.2		4	87	240	7	20,540	8	-67.5		11	47	84	3	23,684	12	-58.2		13	29	320	1
GUATEMALA																																									
GUATEMALA/LA AURORA AP	2	853		14.8	1.1					1,520	1	14.6	1.9	3	91	9	4	3,143	1	7.9	11.4	4	67	62	4	5,851	1	-7.1	19.3	3	46	74	3	9,619	1	-35.8	14.8	3	54	256	5
		12,319	2	-54.5		3	88	257	14	14,117	3	-64.9		4	96	250	13	16,512	5	-78.1		6	50	216	3	20,525	6	-66.5		6	64	68	2	23,691	6	-55.8		6	86	287	3
ADJACENT ISLANDS																																									
NASSAU INTL.AP BAHAMAS	2	1,019		17.7	1.9					1,544	0	11.5	8.0	0	4	62	**	3,155	0	6.1	16.1	0	41	295	3	5,834	0	-9.9	14.3	0	75	282	10	9,560	0	-38.8	10.9	0	77	285	16
		12,225	0	-57.1		1	85	279	21	14,022	0	-62.5		2	92	276	23	16,467	0	-72.0		1	92	285	15	20,527	0	-67.9		2	58	353	3	23,673	0	-58.5		4	61	355	3
KINGSTON/NORMAN MANLEY, JAM.	2	1,014		24.0	5.2					1,525	0	14.7	3.6	1	93	90	6	3,145	0	8.0	16.2	0	88	81	5	5,848	0	-7.6	18.5	0	44	8	3	9,613	0	-35.8	13.8	1	72	270	11
		12,320	1	-54.0		1	96	257	22	14,126	1	-63.9		1	96	267	20	16,529	0	-76.9		1	80	276	9	20,531	0	-67.4		1	50	37	2	23,680	0	-58.6		1	80	344	3
JULIANA AP, ST. MAARTEN	2	1,016		25.2	4.7					1,533	0	13.2	3.9	1	96	85	7	3,148	0	6.6	13.2	1	76	65	4	5,840	0	-8.0	18.5	1	47	306	3	9,608	2	-34.6	14.6	7	90	269	20
		12,327	5	-54.0		9	98	262	31	14,124	7	-64.6		10	99	269	27	16,526	8	-76.2		11	97	283	13	20,576	9	-65.1		11	50	316	2	23,753	10	-56.8		12	26	8	1
DOMINICAN REPUBLIC																																									
SANTO DOMINGO	2	1,014		21.3	1.7					1,530	0	13.4	2.7	4	79	91	6	3,147	0	7.3	15.3	4	80	98	4	5,845	0	-7.6	19.2	4	37	6	3	9,614	1	-34.9	14.8	6	84	292	13
		12,330	2	-53.3		7	93	279	23	14,138	2	-63.6		7	95	284	22	16,552	3	-75.7		8	90	299	12	20,594	4	-66.1		10	55	328	3	23,768	7	-56.2		11	61	12	3
SOUTH AMERICA																																									
COLOMBIA																																									
BOGOTA/EL DORADO	2	753		9.0	1.2													3,144	14	8.2	2.6	14	38	105	1	5,858	14	-4.8	15.2	14	20	276	1	9,693	14	-30.7	14.4	14	67	217	6
		12,442	14	-52.8		15	77	209	9	14,240	15	-66.3		15	74	230	9	16,596	15	-82.0		15	37	138	3	20,623	16	-63.9		16	84	87	5	23,845	16	-52.4		16	98	269	12

UPPER AIR DATA LATE REPORTS

STATION	TIME OF OBSERVATIONS	SURFACE* 200 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	850 MB 150 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	700 MB 100 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	500 MB 50 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED	300 MB 30 MB HEIGHT	TEMPERATURE NUMBER OF MISSING DAYS	TEMPERATURE MEAN	DEW POINT DEPRESSION	MEAN VECTOR WIND NUMBER OF MISSING DAYS	MEAN VECTOR WIND STEADINESS FACTOR	MEAN VECTOR WIND DIRECTION	MEAN VECTOR WIND SPEED
MARCH 1985		GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS	GPM		°C	°C		%	°	MPS
SOUTH AMERICA																																											
CHILE																																											
ANTOFAGASTA	2	999		17.5	2.1					1,495	1	15.5	8.8	3	89	26	3	3,134	1	11.0	16.8	3	73	353	4	5,864	1	-5.0	16.8	3	51	239	4	9,674	2	-32.3	13.9	4	72	277	11
		12,407	3	-53.7		5	77	294	17	14,202	3	-66.2		6	77	291	13	16,593	3	-76.4		8	43	237	3	20,662	8	-64.2		10	99	99	15	23,864	12	-55.1		14	96	87	17
QUINTERO	2	1,015		13.0	1.4					1,502	2	15.0	18.1	2	18	355	1	3,127	2	7.7	20.2	2	88	332	6	5,809	2	-10.2	17.5	2	82	271	11	9,541	2	-37.8	12.5	2	86	265	23
		12,231	2	-53.8		8	88	260	26	14,052	2	-60.5		8	88	262	22	16,518	2	-69.9		8	88	262	17	20,688	3	-60.1		10	47	120	3	23,942	5	-52.1		10	93	88	8
PUERTO MONTT	2	1,006		9.4	1.6					1,470	3	5.1	4.7	3	68	227	6	3,040	3	-0.5	13.6	3	81	232	11	5,660	3	-15.5	13.2	3	85	240	19	9,320	3	-41.8	10.6	4	82	246	27
		11,977	3	-54.1		4	81	244	28	13,806	3	-58.2		5	86	241	26	16,328	3	-62.8		7	89	244	20	20,634	3	-57.3		9	54	223	4	23,911	11	-51.1		15	52	230	4
PUNTA ARENAS	2	995		5.6	2.6					1,316	0	-0.4	4.4	0	92	261	15	2,845	0	-9.0	7.5	0	90	254	17	5,370	0	-25.0	10.0	3	80	256	19	8,900	0	-47.4		11	65	259	19
		11,561	0	-49.6		15	66	246	16	13,446	0	-50.4		16	79	254	16	16,074	0	-52.7		17	85	253	16	20,548	1	-53.3		19	86	233	6	23,838	7	-51.5					
EUROPE																																											
ICELAND																																											
KEFLAVIK	2	1,003		0.8	4.9					1,344	0	-8.1	4.0	0	23	188	3	2,830	0	-16.3	7.3	1	25	245	3	5,293	0	-30.8	8.8	0	47	266	9	8,752	0	-51.3		0	63	263	16
		11,376	1	-49.8		1	67	259	12	13,260	1	-49.7		1	75	259	11	15,901	2	-52.1		2	75	262	9	20,345	2	-56.9		2	73	275	8	23,554	3	-60.3		3	66	294	9
BELGIUM																																											
UCCLE	2	1,002		4.3	1.9					1,416	0	-3.0	1.9	1	37	264	4	2,929	0	-11.2	3.8	1	40	266	5	5,430	0	-27.9	4.3	1	46	270	7	8,907	0	-51.1		1	46	291	10
		11,519	0	-53.3		1	55	304	10	13,379	0	-52.2		1	65	300	9	15,983	0	-55.7		1	70	300	8	20,344	2	-59.8		2	65	315	6	23,533	3	-59.6		3	74	315	6
ROMANIA																																											
CLUJ-NAPOCA	1	969		1.2	2.0					1,458		-0.2	4.4	0	50	210	3	2,989	0	-8.2	5.1	31	50	245	4	5,514		-25.4	5.0	31	50	250	6	9,011	0	-52.3	2.5	31	70	255	10
		11,561	0	-59.2	2.2	31	60	265	10	13,378		-56.1	3.8	0	70	265	10	15,941	0	-57.7	1.9	31	80	265	11	20,321	19	-59.9		19	80	270	11								
BUCURESTI/IMH	1	1,010		-0.1	1.5					1,477		-1.9	4.8	0	40	135	2	3,005	0	-8.0	8.3	31	30	235	2	5,544		-24.3	9.7	31	50	240	4	9,064	0	-50.6	6.5	31	55	250	8
		11,635	0	-58.2	5.6	31	65	255	10	13,455		-56.1	6.5	0	75	260	12	16,023	0	-57.6	6.7	31	80	260	12																
CONSTANTA	1	1,021		0.3	0.7					1,471		-2.7	4.3	0	30	135	2	2,992	0	-9.3	6.6	31	20	180	2	5,518		-25.1	7.3	31	30	265	4	9,023	0	-51.7	4.6	31	40	270	8
		11,569	0	-60.3	4.0	31	60	265	10	13,377		-57.2	4.7	0	70	265	10	15,931	0	-59.2	4.4	31	70	270	11																
AFRICA																																											
NIGERIA																																											
KANO	2	956		33.2	25.4					1,516	0	23.4	23.0	2	50	53	3	3,172	0	11.4	17.4	2	46	102	3	5,884	0	-6.5	13.8	2	40	193	2	9,689	0	-32.4	14.0	2	81	276	11
		12,417	0	-53.9		2	77	257	12	14,205	2	-66.9		4	77	268	13	16,582	11	-78.2		9	64	265	7																
SOUTH AFRICA																																											
J. G. STRIJDOM	1	830		17.1	6.1					1,511				2	59	210	0	3,160	0	10.8	9.6	0	45	26	3	5,873	0	-6.1	17.1	0	50	321	3	9,672	0	-32.3	18.9	0	93	294	13
		12,395	0	-54.6		0	96	293	21	14,180	0	-67.0		0	97	291	19	16,558	0	-77.2		0	78	298	7	20,611	4	-65.6		7	91	99	12	23,785	9	-67.5		9	99	99	19
UPINGTON	1	918		19.1	11.8					1,508	0	20.5	19.2	0	38	320	2	3,151	0	10.0	17.9	0	75	274	7	5,856	0	-7.3	20.4	0	87	286	11	9,633	0	-34.5	16.6	0	84	286	19
		12,334	0	-55.6		0	93	282	24	14,123	0	-65.0		0	93	281	23	16,541	0	-23.1		2	89	286	15	20,668	6	-64.4		7	52	108	4								
PRETORIA/IRENE	1	850		14.8	3.0					1,522				0	55	106	1	3,161	0	9.3	9.8	0	55	251	3	5,863	0	-7.0	13.9	0	73	258	6	9,648	0	-33.7	14.8	0	81	267	12
		12,359	0	-54.9		0	84	266	13	14,147	0	-66.3		2	88	269	16	16,545	2	-75.1		2	78	273	7	20,656	2	-63.7		3	97	95	9	23,839	6	-56.5		9	16		
BLOEMFONTEIN/J.B.M. HERTZOG	1	867		14.1	3.7					1,516	0	16.2	10.4	0	27	0	0	3,151	0	8.6	16.6	0	61	282	5	5,846	0	-8.0	24.4	0	76	274	10	9,612	0	-35.1	17.3	0	87	275	20
		12,311	0	-55.8		0	87	274	24	14,097	0	-65.3		0	89	277	23	16,514	0	-77.7		1	85	280	12	20,653	3	-53.2		3	94	98	7	23,850	7	-55.7		9	99	89	14
ALEXANDER BAY	1	1,011		14.8	1.5					1,502	0	18.3	21.3	0	22	229	1	3,138	0	9.3	24.7	0	81	298	7	5,835	0	-8.0	26.5	0	86	281	12	9,596	0	-35.6	21.5	0	87	281	22
		12,288	0	-55.8		0	93	283	28	14,080	0	-64.2		0	97	281	26	16,504	0	-73.0		0	67																		
CAPE TOWN/D.B.MALAN	1	1,009		15.7	1.9					1,493	0	13.9	17.6	0	48	280	3	3,104	0	5.5	19.1	0	79	281	8	5,765	0	-11.9	15.3	0	83	278	13	9,472	0	-38.3	11.8	0	82	281	22
		12,155	0	-54.3		1	85	280	29	13,976	1	-60.5		2	89	285	28	16,455	2	-66.2		3	92	282	20	20,704	3	-59.8		3	32	111	2	23,929	3	-53.5		4	95	100	11
PORT ELIZABETH	1	1,007		18.1	2.6					1,506	1	14.2	9.5	1	26	303	2	3,121	1	-56.4	24.2	1	83	293	9	5,791	1	-10.7	27.3	1	80	280	13	9,516	1	-37.7	17.9	1	81	284	19
		12,200	1	-55.0		3	83	286	24	14,011	4	-61.3		5	85	282	23	16,489	8	-67.7		9	86	274	17																
DURBAN/LOUIS BOTHA	1	1,012		22.5	2.7					1,518	1	16.3	5.2	1	28	326	1	3,147	1	7.7	9.3	1	49	255	2	5,839	1	-7.9	15.3	1	76	266	8	9,603	1	-35.2	11.6	1	85	272	13
		12,299	1	-55.4		1	84	267	17	14,093	1	-64.3		1	86	270	15	16,525	1	-61.6		2	78	272	8	20,688	4	-62.2		5	76	99	4	23,898	6	-54.6		9	98	94	9
GOUGH ISLAND	1	1,011		13.5	2.2					1,501	0	8.7	14.6	0	83	271	12	3,089	0	2.0	21.5	0	86	274	16	5,729	0	-13.3	21.5	0	88	277	23	9,420	0	-39.1	15.0	0	87	273	48
		12,085	0	-56.6		2	89	269	53	13,898	3	-59.2		3	91	265	41	16,404	4	-62.8		4	93	270	20																
MARION ISLAND	1	1,005		7.6	1.8					1,399	0	3.9	11.6	0	78	280	12	2,961	0	-1.9	19.8	0	83	276	17	5,559	0	-17.5	20.3	0	85	274	23	9,188	0	-42.8	19.2	0	85	271	34
		11,843	0	-54.3		0	88	273	38	13,681	1	-55.6		2	91	276	33	16,244	3	-58.2		6	90	275	24																
ASIA																																											
SYRIAN ARAB REPUBLIC																																											
DAMASCUS/NEW INTL AP	2	946		16.8	14.9					1,499	1	7.1	0.3	1	45	213	2	3,066	1	-1.8	18.2	1	74	263	7	5,656	1	-19.9	14.2	1	69	271	13	9,259	1	-45.2	12.9	1	95	268	33
		11,881	2	-55.5		2	97	271	42	13,710	3	-56.9		3		269	39	16,253	3	-65.2		6		269	28	20,471	6	-64.1		8	98	264	14	23,659	11	-58.0		11	90	246	10
ALEPPO	2	969		14.5	12.8					1,504	0	3.9	4.1	0	19	236	1	3,058	0	-4.2	17.2	0	66	265	6	5,628	0	-21.3	15.7	0	78	274	13	9,187	0	-48.1	14.1	0	85	270	26
		11,779	1	-55.3	19.3	1	96	271	33	13,630	1	-56.0		1	99	270	31	16,175	1	-60.9		1		270	25	20,443	1	-62.7		1	97	267	14	23,621	7	-57.8		7	99	262	13
INDIA																																											
AHMADABAD	3	1,002		29.8	18.6					1,512	0	23.2	22.9	1	86	289	5	3,162	0	11.1	19.8	0	89	275	6	5,880	0	-6.5		0	94	265	13	9,680	2	-32.7		2	96	261	21
		12,441	5	-50.9		5	96	259	31	14,296	7	-59.7		9	95	258	27	16,735	14	-70.6						20,875	16	-63.2													

UPPER AIR DATA CORRECTIONS

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)
JUNE 1984																																									
ASIA																																									
ISRAEL BET DAGAN								245								317 239								272 222								265 131								252	
JULY 1984																																									
ASIA																																									
ISRAEL BET DAGAN								231								296 216								273 173								266								243	
AUGUST 1984																																									
ASIA																																									
ISRAEL BET DAGAN								241								310 235								271 209								266 127	10	9,715						250	

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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.

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