

AUGUST 2003

VOL. 56 NO. 08



ISSN 0027-0296

MONTHLY

CLIMATIC

DATA

FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION

"I certify that this is an official publication of the National Oceanic and Atmospheric Administration and is compiled from information received at the National Climatic Data Center, Asheville, North Carolina 28801."

A handwritten signature in cursive script, reading "Thomas R. Karl".

Director
National Climatic Data Center

noaa

National
Oceanic and
Atmospheric Administration

National
Environmental Satellite, Data
and Information Service

National
Climatic Data Center
Asheville, North Carolina

PREFACE

Monthly Climatic Data for the World (MCDW) is a publication of monthly summary climatic data from around the world. Data are prepared by Members of the World Meteorological Organization (WMO) for selected stations and exchanged monthly via international telecommunications under provisions of the WMO Technical Regulations, WMO Publications No. 306 (Manual on Codes) and No. 386 (Manual on the Global Telecommunications System). National Center for Environmental Prediction (NCEP) and the Hadley Centre for Prediction and Research Meteorological Office, Bracknell, United Kingdom prepares and relays data to National Climatic Data Center for quality control, publication, and archive. Data used in MCDW are translated from CLIMAT, CLIMAT SHIP, CLIMAT TEMP and CLIMAT TEMP SHIP codes. WMO No. 9 (Weather Reporting), Vol. A - Stations indicates stations that report in these codes. MCDW is sponsored by the WMO in accordance with Resolution 27 of the Second World Meteorological Congress, 1955. Percent of average sunshine was authorized during the Fourth Session [Stockholm 1965] of the WMO Commission for Climatology and recorded in the General Summary of the Report - WMO NO.177.RP.65. It is published by the United States National Oceanic and Atmospheric Administration. Bolded stations are stations that participate in the GCOS Program.

REFERENCE NOTES

Names of countries (areas) and stations are those used in WMO Publication No. 9, Vol. A - Stations, except that long names may be shortened. Only those stations authorized as contributors by the WMO in VOLUME A are published. "Means" and "totals" mentioned below are monthly summary means and totals. Units abbreviations: celsius = C, degrees = o, geopotential meters = gpm, meters = m, hectopascals = hPa, millimeters = mm, minutes = ', percent = %.

The long term surface data AVERAGES required for these tables were calculated for 1961 - 1990 from data received at the National Climatic Data Center during those years. Six years of data were considered to be the minimum for calculations.

Departures are differences between data and the AVERAGES for that month. Precipitation departure of "T" or "-T" indicates a difference less than 0.5 mm from AVERAGE.

Provisional upper air normals, although not published in this bulletin, can be obtained from WMO Pub. No. 170. 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 are published when received, except that data more than five years old are not published. The Corrections sections include corrections to past data. In these, "D" indicates the data should be deleted. Some late reports of pre-1987 data appeared in the Corrections sections during the 1987 Data Year.

The data received by the publisher often contain errors. A reasonable effort is made to correct errors; but some may appear in the publication, especially if the errors are subtle or were part of a large group of errors.

The station list appears at the back of the publication. In January and July, all CLIMAT (C) and CLIMAT TEMP (T) stations from WMO Pub. No. 9, Vol. A are listed. This is the complete published station set. In other months, the list contains only those stations from which data no more than two months old have been recently received.

Included in this publication, on an interim basis, are a group of Antarctic and USA stations that are not in WMO No. 9. These stations will be sponsored as CLIMAT and/or CLIMAT TEMP stations in the near future.

SURFACE DATA TABLES

DAYS OBS.: The number of days on which observations were taken. Column will be blank if days are not reported.

PRESSURE: Mean station pressure at station level and sea level in tenths of hPa. In the sea level pressure column, Y or Z indicates the number is the mean height in gpm of the 850 hPa or 700 hPa pressure surface, respectively.

TEMPERATURE: Mean temperature and departure from AVERAGE value in degrees C. "S" indicates sea surface temperature.

DAYS 1 MM: The number of days on which precipitation was 1 mm or more.

PRECIPITATION: Total precipitation and departure from AVERAGE in mm. "T" indicates an amount less than 0.5 mm.

QUINTILE: Frequency group of precipitation totals. Group numbers are 0 - 6. Groups 0 and 6 are for totals less than and greater than any recorded in the 1961 - 1990 reference period.

% OF AV.: Sunshine total hours expressed as a percentage of long-term average. Currently, average period is 1961-90.

In January 1987, the "Sunshine" column was changed to include both total sunshine in hours and the percentage of long-term average.

UPPER AIR DATA TABLES

HEIGHT: Mean height of pressure surfaces in gpm. Asterisk (*) indicates station elevation.

VECTOR WIND: Direction of mean vector wind in degrees, speed in mps. A wind speed value of 0 is a speed < 0.5 mps. When missing days equals 9, nine or more days of wind data are missing.

STEADINESS: Ratio of mean vector wind speed to mean scalar wind speed.

OB: Observation time code; 1 = 0000 GMT, 2 = 1200 GMT, 3 = 0000 and 1200 GMT, / = other hours.

The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center, Asheville, North Carolina, USA.

PUBLICATION STAFF

William Angel, Meteorologist

Joe Kraft, Met. Tech

Monthly Climatic Data for the World (ISSN-0027-0296) is published monthly by the National Climatic Data Center, National Environmental Satellite, Data, and Information Service, NOAA, Asheville, North Carolina, USA. Subscription, price, and ordering information is available from the:

**NCDC Subscription Services Center
310 State Route 956, Building 300
Rocket Center, WV 26726**

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
EUROPE																
NORWAY																
01001 JAN MAYEN	7056N	00840W	9		1013.7	1014.8	6.9	2.0	9.1	1.4	7	44	-17	2		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1011.8	1015.1	6.4	1.6	7.7	.7	1	4	-19	1		
01025 TROMSO/LANGNES	6941N	01855E	10		1012.0	1013.1	12.0	1.1	11.0	.8	11	57	-22	3		
01028 BJORNOYA	7431N	01901E	16		1013.1	1015.0	4.6	.2	8.0	.2	4	15	-21	1		
01098 VARDØ	7022N	03106E	15		1009.6	1011.3	10.4	1.3	11.2	1.1	11	66	11	4		
01152 BODØ VI	6715N	01422E	20		1011.1	1012.7	13.7	1.4	12.1	.8	9	70	-18	3	159	95
01241 ORLAND III	6342N	00936E	7		1012.2	1013.3	14.8	1.9	13.5	1.1	20	141	55	5		
01317 BERGEN/FLORIDA	6023N	00520E	36		1010.2	1014.5	16.0	1.6	14.1	1.8	14	181	-9	3		
01384 OSLO/GARDERMOEN	6012N	01105E	204		988.1	1012.1	15.9	2.0	12.7	1.4	9	62	-28	2		
01415 STAVANGER/SOLA	5853N	00538E	9		1014.0	1015.0	15.7	1.3	15.0	2.1	11	114	-1	3		
SWEDEN																
02080 KARESUANDO	6826N	02230E	325		972.8	1012.2	11.3	.9	11.1	.9	12	65	2	4	150	94
02128 GUNNARN	6458N	01742E	281		978.7	1012.2	12.9	.7	11.7	1.1	16	154	87	5		
02196 HAPARANDA	6550N	02409E	6		1009.5	1010.2	14.3	1.1	12.7	.5	9	39	-26	1	175	82
02226 FROSON	6312N	01430E	360		967.7	1012.1	13.2	.9	12.5	1.8	16	85	25	4	166	89
02366 TIMRA/MIDLANDA	6231N	01727E	7		1010.0	1010.5	15.3	1.3	13.7	1.5	15	117	50	5		
02418 KARLSTAD FLYGPLATS	5922N	01328E	50		999.4	1011.9	16.7	1.8	13.1	.0	9	52	-21	2	249	111
02512 GÖTEBORG/SAVE	5747N	01153E	16		1011.5	1013.6	16.7	1.1	16.5	2.7	7	44	-33	2	251	114
02550 JONKÖPING/AXAMÖ	5745N	01405E	218		986.2	1012.9	15.1	1.0	14.0	1.7	11	51	-12	2		
02590 VISBY FLYGPLATS	5740N	01821E	41		1005.3	1011.2	17.4	1.5	15.1	.5	12	91	41	5	235	98
FINLAND																
02801 KILPISJARVI	6903N	02047E	476		953.9	1013.0	10.3		10.4		8	37		2		
02805 KEVO	6945N	02702E	101		999.6	1012.1	11.3		11.1		12	54		3	118	80
02836 SODANKYLÄ	6722N	02639E	179		988.6	1011.0	11.9	.7	11.3		10	60	-3	3	113	62
02869 KUUSAMO	6558N	02911E	263		977.0	1009.9	12.5	1.1	11.5		13	66	-9	2		
02875 OULU	6456N	02522E	15		1007.8	1009.6	14.3	.6	12.8		7	23	-42	0	148	73
02897 KAJAANI	6417N	02741E	136		992.6	1009.3	13.7	.6	12.6		15	86	-3	3		
02929 JOENSUU	6240N	02938E	117		993.6	1008.5	14.7	.7	13.5		13	206	122	6		
02935 JYVASKYLÄ	6224N	02541E	145		991.6	1009.0	14.4	.8	13.1		12	66	-25	2	145	74
02942 NIINISALO	6151N	02228E	136		994.0	1009.6	14.8	1.0	12.5		10	44	-36	2		
02963 JOKIOINEN	6049N	02330E	103		996.3	1009.2	15.0	.8	13.0		15	80	-3	3	172	85
02972 TURKU	6031N	02216E	59		1002.2	1009.5	16.3	1.1	12.6		11	89	5	3	244	110
02974 HELSINKI-VANTAA	6019N	02458E	56		1001.9	1009.0	16.1	1.1	13.8		10	68	-12	3	204	92
UNITED KINGDOM																
03005 LERWICK	6008N	00111W	84		1006.6	1016.5	13.9	2.1	13.4		11	54	-25	2	156	126
03026 STORNOWAY	5813N	00619W	13		1015.6	1017.4	14.7	2.0	13.7		13	49	-35	1	144	109
03066 KINLOSS	5739N	00334W	7		1017.3	1017.9	15.9	1.9	13.0		8	20	-51	0	173	129
03091 ABERDEEN/DYCE AIRPORT	5712N	00213W	65		1010.2	1018.0	15.8	2.2	12.5		4	17	-58	1	220	146
03100 TIREE	5630N	00653W	12		1017.3	1018.4	14.8	1.4	14.1		7	34	-61	1	185	119
03162 ESKDALEMUIR	5519N	00312W	242		990.3	1019.2	15.0	2.1	13.0		4	34	-91	1	166	124
03257 LEEMING	5418N	00132W	40		1015.3	1019.1	16.8	1.5	13.9		4	38	-27	2	188	120

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
03302 VALLEY	5315N	00432W	11		1017.9	1019.1	16.9	1.5	15.0		5	18	-56	1	220	119
03334 MANCHESTER AIRPORT	5321N	00217W	68		1010.8	1019.0	17.8	2.1	14.7		4	11	-68	1	191	117
03377 WADDINGTON	5310N	00031W	68		1010.9	1019.0	18.2	2.5	14.7		3	11	-52	0	175	100
03502 ABERPORTH	5208N	00434W	133		1003.4	1019.3	16.8	1.9	15.3		3	25	-39	1	205	118
03740 LYNEHAM	5130N	00159W	145		1001.7	1018.8	18.9	3.2	15.3		1	4	-55	0	226	122
03797 MANSTON	5121N	00121E	55		1012.7	1018.5	19.6	2.8	15.7		3	18	-28	1	255	123
03808 CAMBORNE	5013N	00519W	88		1008.6	1019.0	17.5		16.7		2	26		2	195	100
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1017.5	1018.7	18.7	2.6	16.9		2	29	-27	2	229	115
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		1011.6	1019.2	15.8	1.4	14.6		3	17	-63	1	174	125
IRELAND																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1015.8	1019.4	16.6	1.6	15.9	1.3	5	25	-86	1	203	145
03955 CORK AIRPORT	5151N	00829W	162		1000.1	1019.4	16.2	1.9	14.6	.7	2	23	-67	1	202	125
03957 ROSSLARE	5215N	00620W	25		1016.1	1019.1	16.9	2.0	16.0	1.5	3	5	-66	1	239	130
03962 SHANNON AIRPORT	5242N	00855W	20		1016.9	1019.2	17.9	2.6	15.5	1.3	3	11	-71	0	189	135
03967 CASEMENT AERODROME	5318N	00626W	93		1008.1	1019.2	16.4		14.8		3	11			197	130
03969 DUBLIN AIRPORT	5326N	00615W	85		1009.2	1019.4	15.8	1.1	14.4	.8	5	15	-56	1	203	125
03973 CONNAUGHT AIRPORT	5345N	00849W	209		994.4	1019.3	15.5		14.3		9	35			192	
03976 BELMULLET	5414N	01000W	10		1017.9	1019.1	16.2	1.9	15.3	1.3	9	25	-69	1	185	125
03980 MALIN HEAD	5522N	00720W	25		1015.8	1018.8	15.4	1.5	14.6	1.1	5	23	-69	1	192	140
ICELAND																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		1006.4	1012.3	12.6		12.4		15	104		3		
04030 REYKJAVIK	6408N	02156W	61		1005.0	1012.3	12.8	2.5	12.4	2.3	13	76	15	3	158	103
04063 AKUREYRI	6541N	01805W	27		1009.2	1012.5	12.8	2.8	11.9	2.2	5	38	4	2	126	93
04082 AKURNES	6418N	01513W	21		1010.9	1013.4	12.3		12.5		15	123		6		
GREENLAND																
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	41			1010.7	7.0	1.7	8.4		8	61	28			
04250 NUUK (GODTHAAB)	6410N	05145W	70			1009.5	8.4	2.3	9.3		12	130	41			
04320 DANMARKSHAVN	7646N	01840W	12			1012.2	5.3	2.9	6.1		2	3	-12			
04339 ILLOQQOORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1013.2	6.8		7.3		5	38	0			
04360 TASIILAQ (AMASSALIK)	6536N	03738W	52			1013.1	8.9	2.9	9.0		4	19	-47			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			1009.7	8.5	2.0	9.2		10	295	115			
DENMARK & FAROE IS.																
06011 THORSHAVN	6201N	00646W	55			1015.3	12.6	2.0	12.7		10	61	-27			
06030 AALBORG	5706N	00951E	13			1014.5	18.0	2.5	15.0		5	18				
06186 KOEBENHAVN/LANDBOHOEJSKOLEN	5541N	01233E	7			1014.9	18.5		16.0		5	26				
06190 ROENNE	5504N	01445E	16			1015.0	18.5	1.3	17.9		3	36				
NETHERLANDS																
06235 DE KOOY	5255N	00447E	14			1018.0	19.1	2.5	16.6	1.3	3	12	-53	0	249	125
06260 DE BILT	5206N	00511E	15		1017.6	1017.9	19.3	2.6	16.2	1.2	3	9	-62	1	227	123
BELGIUM																
06447 UCCLÉ	5048N	00421E	104		1006.1	1017.9	20.4	3.4	16.8	1.6	4	44	-18	1	244	134
LUXEMBOURG																

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		974.1	1017.3	22.3		13.8		3	47	-25	2	324	156
SWITZERLAND																
06660 ZURICH (TOWN/VILLE).	4723N	00834E	569		952.2	1016.1	22.7	6.0	15.6	.9	10	82	-53	1	297	155
06680 SAENTIS	4715N	00921E	2500		759.5	3175.2	10.1	5.1	8.9	2.0	10	105	-228	0	233	141
06700 GENEVE-COINTRIN	4615N	00608E	416		969.5	1016.5	24.0	5.9	15.5	1.7	7	110	32	5	295	131
06770 LUGANO	4600N	00858E	276		984.5	1015.8	25.1	4.9	19.0	2.2	8	73	-100	1	293	127
FRANCE																
07005 ABBEVILLE	5008N	00150E	77		1009.3	1018.3	20.0		16.3		3	60			289	130
07015 LILLE	5034N	00306E	52		1012.6	1018.0	20.8		15.8		3	42			251	115
07020 LA HAGUE	4943N	00156E	9		1016.8	1018.4	18.5		18.2		2	17				
07027 CAEN	4911N	00027W	78		1010.1	1018.0	20.4	3.8	16.6		3	24	-22	1	260	124
07037 ROUEN	4923N	00111E	157		1000.3	1017.9	20.9		16.2		2	13			269	130
07070 REIMS	4918N	00402E	99		1006.8	1017.3	21.8		16.2		4	70			297	120
07110 BREST	4827N	00425W	99		1006.8	1018.0	18.8	2.8	17.8		2	14	-45	1	231	112
07117 PLOUMANACH	4850N	00328W	71		1011.0	1018.3	18.4		18.4		4	27				
07130 RENNES	4804N	00144W	37		1012.3	1017.3	22.5		17.9		1	3			268	125
07139 ALENCON	4827N	00007E	144		1000.6	1017.3	22.1		16.4		2	5			296	130
07149 PARIS-ORLY	4844N	00224E	96		1006.7	1017.0	24.1		16.2		4	50				
07190 STRASBOURG	4833N	00738E	154		998.7	1016.3	23.9	5.6	15.8		5	24	-43	1	316	148
07207 LE TALUT	4718N	00313W	43		1012.7	1017.8	21.0		18.9		2	4				
07222 NANTES	4710N	00136W	27		1013.8	1016.9	23.2	4.8	18.3		2	15	-29	1	292	123
07255 BOURGES	4704N	00222E	166		997.2	1016.2	25.2	6.6	15.9		4	21	-38	1	292	127
07280 DIJON	4716N	00505E	227		990.4	1016.1	25.1	6.2	15.0		6	34	-31	1	318	139
07299 BALE-MILHOUSE	4736N	00731E	271		985.1	1016.2	23.5		15.9		8	41			320	135
07314 CHASSIRON	4602N	00125W	22		1014.4	1016.9	22.9		22.6		2	8				
07335 POITIERS	4635N	00019E	129		1002.6	1016.4	24.3		16.9		4	13			299	115
07434 LIMOGES	4552N	00111E	402		970.7	1016.1	24.0		16.9		9	83			290	115
07460 CLERMONT-FERRAND	4547N	00310E	332		978.7	1015.9	24.2		15.7		7	63			283	110
07471 LE BUY	4505N	00346E	833		924.3		20.6		12.0		9	50			272	110
07481 LYON/SATOLAS	4544N	00505E	248		988.6	1015.7	26.1		15.5		5	29			299	115
07510 BORDEAUX/MERIGNAC	4450N	00042W	61		1010.3	1016.4	25.2		20.3		5	36	-18	2	277	110
07535 GOURDON	4445N	00124E	264		986.2	1015.8	25.5		18.0		7	56			218	85
07560 MONT AIGOUAL	4407N	00335E	1567		849.0		18.9		12.0		4	19				
07591 EMBRUN	4434N	00630E	876		918.7		22.9		12.0		7	34			268	100
07607 MONT-DE-MARSAN	4355N	00030W	63		1010.0	1016.5	25.5		20.2		8	55			262	120
07630 TOULOUSE/BLAGNAC	4338N	00122E	153		998.1	1016.0	26.7		17.8		5	28	-19	2	301	125
07643 MONTPELLIER	4335N	00358E	6		1014.6	1015.5	26.7		20.6		5	46			331	110
07661 CAP CEPET	4305N	00556E	136		1000.1	1015.6	27.2		21.9		0	0				
07690 NICE	4339N	00712E	10		1011.8	1014.9	27.4		23.0		1	2	-29	1	312	100
07747 PERPIGNAN	4244N	00252E	48		1010.2	1015.5	27.5		18.9		1	5	-27	1	296	115
07761 AJACCIO	4155N	00848E	9		1014.4	1015.5	26.5		22.0		1	28	9	4	353	105
07790 BASTIA	4233N	00929E	12		1013.8	1015.1	28.2		22.2		1	3			340	110
SPAIN																
08001 LA CORUNA	4322N	00825W	67		1008.5	1016.4	21.6	2.8	19.9	2.7	6	24	-4	3	251	107
08003 MONTEFARO	4327N	00817W	244			1555.9	18.8		14.2		5				139	
08015 OVIEDO	4321N	00552W	339		977.3	1015.9	21.7	3.3	19.9	3.1	5	35	-14	2	171	99

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
08023 SANTANDER	4328N	00348W	59		1010.5	1017.3	22.8	3.2	22.8	5.0	6	44	-39	2	203	104
08027 SAN SEBASTIAN/IGUELDO	4318N	00203W	259		987.0	1016.6	22.7	4.0	21.0	2.9	6	63	-52	1	228	125
08045 VIGO/PEINADOR	4213N	00838W	255		987.8	1017.3	22.7	3.8	20.4	3.9	5	65	34	5	280	100
08075 BURGOS/VILLAFRIA	4222N	00338W	891		917.6	1556 Y	23.4	5.1	14.3	.5	3	15	-9	3	271	91
08084 LOGRONO/AGONCILLO	4227N	00220W	363		974.7	1015.3	26.2	4.4	15.7	.9	8	27	6	4	279	98
08141 VALLADOLID	41139N	00446W	739			1548 Y	23.6	2.6	12.5	1.4	4	49	36	5	284	84
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		985.7	1014.6	27.9	4.1	15.6	-.6	3	9	-7	3	330	104
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1016.0	1016.5	27.8	4.8	24.3	3.0	2	48	-18	3	326	121
08184 GERONA/COSTA BRAVA	4154N	00246E	129		1001.2	1015.8	27.0	4.3	17.0	-2.2	3	69	15	4	290	116
08202 SALAMANCA/MATACAN	4057N	00530W	795		927.9	1015.0	23.5	3.2	15.7	2.5	2	8	-2	3	286	84
08221 MADRID/BARAJAS	4027N	00333W	582		949.9	1014.0	25.9	2.1	10.7	-2.6	0	T	-9	2	367	110
08238 TORTOSA	4049N	00030E	50		1009.6	1015.2	28.5	3.2	22.5	2.0	5	45	9	4	320	118
08261 CACERES	3928N	00620W	405		970.7	1015.6	27.9	2.3	14.1	2.3	2	6	1	4	338	100
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		938.1	1015.1	25.7	2.0	14.5	-.5	1	12	0	3	340	106
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1008.5	1015.6	27.6	2.7	21.6	-.2	2	8	-12	2	344	124
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1015.6	1016.2	27.7	3.6	24.7	2.8	0	T	-20	2	365	115
08314 MENORCA/MAHON	3952N	00414E	82		1006.4	1016.1	28.9	4.4	24.8	3.6	1	19	-7	3	354	113
08330 BADAJOZ/TALAVERA LA REAL	3853N	00649W	192		993.6	1014.3	28.1	3.1	18.1	2.3	2	4	-2	4	345	100
08348 CIUDAD REAL	3859N	00355W	629		945.6	1014.5	27.1	2.6	15.2	-.8	2	19	11	5	339	99
08359 ALICANTE	3822N	00030W	82		1006.3	1015.6	27.8	2.3	23.2	.7	0	T	-8	2	327	107
08373 IBIZA/ES CODOLA	3852N	00123E	12		1014.1	1016.1	28.6	3.1	28.1	3.8	0	T	-26	2	332	110
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1010.6	1014.1	29.9		16.8		0	T		4	357	105
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1004.9	1015.3	29.6	2.8	17.4	.4	1	1	-2	4	354	105
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1015.3	1015.6	27.3	2.7	27.6	3.3	0	T	-8	3	329	128
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1012.7	1015.8	27.6	2.0	17.8	-1.3	0	0	-5	4	354	105
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1014.6	1015.4	27.3	2.0	21.2	1.0	0	T	-5	4	345	107
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1012.2	1014.6	28.4	2.4	21.2	-1.4	0	T	-1	4	328	105
GIBRALTAR																
08495 GIBRALTAR	3609N	00521W	5		1015.2	1015.8	25.2				01	1		0	319	
PORTUGAL																
08506 HORTA (ACORES)	3831N	02838W	62		1013.1	1020.3	22.3	.1	21.3	-.2	7	77	23	5	217	91
08535 LISBOA/GEOP	3843N	00909W	95		1004.5	1015.5	24.5	1.7	21.5	4.5	3	35	29	5	319	93
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1004.8	1016.5	22.0	2.2	19.9	2.7	4	52	30	5	287	97
08558 EVORA/C. COORD	3832N	00754W	246		987.4	1015.5	25.7		16.3		0	T				
08575 BRAGANCA	4148N	00644W	692		938.6	1016.1	23.8	3.0	14.3	1.6	5	30	16	5		
GERMANY																
10035 SCHLESWIG	5432N	00933E	48		1010.6	1016.3	18.5	2.7	15.0	.7	7	37	-50	1	248	115
10055 WESTERMARKELSDORF	5432N	01104E	9		1015.0	1016.0	19.1		16.5		3	15			266	110
10091 ARKONA	5441N	01326E	42		1010.4	1015.3	18.8		15.5		6	41			272	110
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	15		1014.8	1016.6	19.4	2.8	14.4	-.1	5	44	-26	1	241	116
10162 SCHWERIN	5339N	01123E	68		1008.2	1016.2	19.3		14.0		5	45		3	267	125
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1014.2	1015.6	19.1	2.4	16.4	1.3	6	39	-20	2	253	112
10184 GREIFSWALD	5406N	01324E	6		1014.8	1015.5	18.7		15.8		2	24		1	246	105
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1016.5	1017.1	19.1		15.6			43			237	115
10261 SEEHAUSEN	5254N	01144E	23		1013.0	1015.7	19.8		13.0		4	30			257	130
10270 NEURUPPIN	5254N	01249E	39		1010.8	1016.1	20.1		14.8		4	22		1	277	130

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
10291	ANGERMUENDE	5302N	01400E	35	1009.2	1015.6	19.3		14.4		5	26			256	110
10338	HANNOVER	5228N	00941E	59	1009.9	1016.9	20.2	3.3	14.1	-.4	6	29	-35	1	261	120
10361	MAGDEBURG	5208N	01136E	85	1006.7	1016.7	20.6		13.4		4	30		1	290	140
10379	POTSDAM	5223N	01304E	100	1004.6	1016.2	20.7	3.2	14.1	-.1	4	25	-35	1	287	130
10384	BERLIN-TEMPELHOF	5228N	01324E	49	1010.2	1016.0	21.1		14.0		5	22			280	125
10393	LINDENBERG	5213N	01407E	104	1004.1	1016.3	20.4	2.8	14.1	.2	2	15	-48	1	262	121
10410	ESSEN	5124N	00658E	161	998.7	1017.5	20.6	3.4	15.0	.7	3	28	-49	0	245	134
10453	BROCKEN	5148N	01037E	1153	888.1	1523 Y	14.5		11.3		8	47			248	150
10469	LEIPZIG-SCHKEUDITZ	5125N	01214E	149	1000.7	1016.5	21.2		13.5		6	22		1	282	145
10488	DRESDEN-KLOTZSCHE	5108N	01345E	232	989.6	1016.5	20.9		13.3		4	10			277	140
10499	GOERLITZ	5110N	01457E	240	988.1	1015.7	20.4	3.5	13.0	-1.2	2	3	-71	0	286	137
10548	MEININGEN	5034N	01023E	453	964.7	1016.4	21.0		13.0		4	19		1	302	150
10554	ERFURT-BINDERSLEBEN	5059N	01058E	322	979.5	1016.5	20.8		13.3		4	25			299	145
10567	GERA-LEUMNITZ	5053N	01208E	311	979.9	1015.7	21.1		12.9		4	12			292	145
10578	FICHTELBERG	5026N	01257E	1215	882.8	1534 Y	15.3	4.1	11.8	.9	6	36	-70	1	276	146
10609	TRIER-PETRISBERG	4945N	00640E	273	985.3	1016.7	22.3	5.2	14.6	.4	5	65	-6	3	306	153
10628	GEISENHEIM	4959N	00757E	123	1002.7	1017.0	23.3	5.2	14.9	.5	5	26	-27	2	302	146
10727	KARLSRUHE	4902N	00822E	145	999.8	1016.5	24.3	5.5	16.0	.7	5	24	-42	1	327	148
10738	STUTTGART- ECHTERDINGEN	4841N	00914E	391	971.8	1016.2	23.0		13.7		6	26		0	313	150
10763	NUERNBERG	4930N	01103E	318	980.1	1016.4	22.2	4.6	13.5	-.5	4	14	-53	0	291	135
10870	MUENCHEN, FLUGHAFEN	4822N	01148E	447	965.1	1015.8	22.4	5.8	15.1	1.4	5	27	-71	1	306	146
10929	KONSTANZ	4741N	00911E	447	966.1	1016.6	23.1	5.4	17.4	2.2	8	71	-17	2	288	134
10946	KEMPTEN	4743N	01020E	705	937.4	1016.5	20.1		15.5		7	104			291	140
10961	ZUGSPITZE	4725N	01059E	2962	717.6	3167 Z	6.6	4.4	7.6	1.3	11	94	-76	1	236	133
10962	HOHENPEIßENBERG	4748N	01101E	986	907.5	1549 Y	20.7	6.1	13.4	.7	8	82	-74	1	305	145
AUSTRIA																
11028	ST. POELTEN	4811N	01537E	284	982.6	1014.9	22.5		17.1	2.6	6	31	-50	1	313	138
11035	WIEN/HOHE WART	4814N	01621E	209	991.5	1015.4	23.5		17.7	2.8	3	20	-38	1	323	142
11120	INNSBRUCK-FLUGHAFEN	4716N	01121E	593	949.6	1016.5	21.0		16.9		11	71		2	286	140
11146	SONNBLICK	4703N	01257E	3111	706.6	3188 Z	5.8		8.1	1.7	13	107	-119	2	205	121
11150	SALZBURG-FLUGHAFEN	4748N	01300E	450	965.8	1016.9	22.1		16.1	1.4	6	79	-74	1	276	135
11155	FEUERKOGEL	4749N	01344E	1621	842.2	1542 Y	16.0		13.1		6	91		1	273	140
11212	VILLACHERALPE	4636N	01340E	2160	791.5	1554 Y	13.0		10.9		14	224		4	261	120
11231	KLAGENFURT-FLUGHAFEN	4639N	01420E	476	962.9	1017.0	21.6		18.4	3.5	14	231	130	5	281	121
11240	GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347	974.0	1015.2	23.0		17.5	1.4	6	99	-16	4	286	131
CZECH REPUBLIC																
11423	PRIMDA	4940N	01240E	748	932.4		20.5		12.5		5	21		0	323	150
11464	MILESOVKA	5033N	01356E	836	922.5		18.6		12.7		3	7		0	321	145
11487	KOCELOVICE	4928N	01350E	522	957.0	1016.1	21.4		12.7		6	19		0	316	140
11518	PRAHA/RUZYNE	5006N	01415E	380	974.5	1016.4	20.9	4.3	13.2	-.6	4	16	-53	1	300	142
11520	PRAHA-LIBUS	5000N	01427E	303	981.6	1016.5	21.3		13.5		4	36		1	316	140
11603	LIBEREC	5046N	01501E	399	970.3	1016.5	19.3		13.0		4	15			304	
11659	PRIBYSLAV	4935N	01546E	536	955.6	1016.5	20.5		13.6		7	53		2	310	150
11723	BRNO/TURANY	4910N	01642E	246	987.7	1015.9	22.3	4.2	14.3	.3	4	37	-19	3	320	147
11782	OSTRAVA/MOSNOV	4941N	01807E	260	986.1	1016.1	20.4	3.2	15.1	.7	7	20	-71	1	320	158
SLOVAKIA																

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
11903 SLIAC	4839N	01909E	315		979.8	1016.0	20.2	2.9	13.9	-.3	6	21	-48	1	336	160
11934 POPRAD/TATRY	4904N	02015E	695		937.0		17.9	3.1	12.6	.1	4	24	-44	1	313	151
POLAND																
12120 LEBA	5445N	01732E	2		1013.5	1014.2	17.6		16.2		10	79		3	252	
12160 ELBLAG	5410N	01926E	43		1009.0	1013.8	17.6		15.8		7	39		1	210	100
12205 SZCZECIN	5324N	01437E	3		1014.9	1015.7	19.1	1.9	15.4	.5	4	23	-32	1	264	130
12295 BIALYSTOK	5306N	02310E	151		995.8	1013.6	17.8	1.5	13.4	-1.1	9	42	-28	2	285	130
12330 POZNAN	5225N	01650E	92		1005.4	1015.7	19.6	2.2	14.5	.4	3	7	-50	0	274	133
12375 WARSZAWA-OKECIE	5210N	02058E	107		1002.3	1014.9	18.7	1.4	14.9	.3	5	54	-8	3	333	155
12424 WROCLAW II	5106N	01653E	121		1001.6	1016.2	20.4	3.2	14.0	-.8	4	25	-53	1	310	157
12497 WLODAWA	5133N	02332E	179		993.4	1014.4	18.7		13.3		6	29		1	286	120
12566 KRAKOW	5005N	01948E	237		988.3	1016.1	19.9	3.0	14.8	-.1	5	24	-63	1	281	149
HUNGARY																
12843 BUDAPEST/LORINC	4726N	01911E	139		999.4	1015.5	24.6	4.4	14.5	-.6	2	20	-31	1	334	131
12882 DEBRECEN	4729N	02136E	109		1002.6	1015.2	22.9	3.3	14.7	-1.3	2	13	-48	1	334	128
12942 PECS/POGANY	4606N	01814E	203		992.5	1015.9	24.5	4.4	15.6	.2	7	50	-13	2	310	116
12982 SZEGED	4615N	02006E	83		1005.8	1015.4	24.1	3.9	14.7	-1.1	3	11	-46	1	310	117
SLOVENIA																
14008 KREDARICA	4623N	01351E	2515		758.4	3179 Z	10.2		9.1		15	229		3	208	120
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	298		982.2	1016.0	24.2		17.8		10	73		1	306	130
CROATIA																
14236 ZAGREB/GRIC	4549N	01559E	162		996.4	1014.9	25.7		17.5		6	17		1	330	140
14445 SPLIT/MARJAN	4331N	01626E	128		999.5	1013.9	29.3		18.7		2	7		1	337	105
BOSNIA AND HERZGOVINA																
14654 SARAJEVO/BEJELAVE	4352N	01826E	638		944.8	1015.8	22.6	4.1	13.3	-.5	4	7	-63	0	273	115
YUGOSLAVIA																
13274 BEOGRAD	4448N	02028E	132		1000.3	1015.4	25.6	4.3	15.8	-.2	3	6	-45	1	302	114
13463 PODGORICA-GRAD	4226N	01917E	50		1008.6	1014.3	30.9		16.1		2	15		1	334	105
ROMANIA																
15085 BISTRITA	4708N	02430E	367		972.8	1015.1	20.3	2.7	13.6	-2.0	6	22	-46	1	325	126
15090 IASI	4710N	02738E	104		1002.7	1014.8	21.5	1.6	15.5	-.7	7	31	-25	2	312	116
15120 CLUJ-NAPOCA	4647N	02334E	413		968.2	1015.4	20.9	3.1	12.9	-2.4	1	3	-57	0	333	128
15247 TIMISOARA	4546N	02115E	88		1004.7	1014.8	24.2	3.8	13.5	-2.9	2	4	-46	1	342	122
15260 SIBIU	4548N	02409E	444		964.2	1015.4	21.3	3.2	13.7	-1.9	2	41	-27	2	304	131
15360 SULINA	4509N	02940E	9		1013.6	1014.3	23.4	1.5	19.7	-1.2	1	4	-24	1	322	110
15420 BUCURESTI/IMH	4430N	02608E	91		1004.1	1014.6	23.5	2.3	15.1	-1.9	01	1	-57	0	322	115
15480 CONSTANTA	4413N	02838E	14		1014.0	1015.5	24.2	2.4	23.9	4.2		2	-31	1	311	100
BULGARIA																
15552 VARNA	4312N	02755E	43		1009.4	1014.4	24.1	2.3	21.6	3.0	4	23	-9	2	325	116
15614 SOFIA (OBSERV.)	4239N	02323E	595		948.2	1014.5	22.6	1.9	15.4	1.6	6	28	-21	2	313	115

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
ITALY																
16045 UDINE/RIVOLTO	4559N	01302E	53		1008.9	1014.9	26.8		20.7		4	44	-46	2	190	80
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1006.7	1014.4	28.9		23.8		2	8	-79	1	332	120
16158 PISA/S. GIUSTO	4341N	01023E	6		1015.0	1015.6	27.6		24.4		01	1	-55	1	315	113
16325 MARINA DI GINOSA	4026N	01653E	12		1011.3	1012.6	27.9		24.1		3	25	4	4		
16420 MESSINA	3812N	01533E	51		1008.2	1014.4	28.4		29.5		4	84	60	5	315	103
16429 TRAPANI/BIRGI	3755N	01230E	14		1014.0	1015.0	27.5		24.2		2	3	-5	4	337	106
MALTA																
16597 LUQA	3551N	01429E	91		1006.7	1015.0	28.7	2.4	25.0	1.3	0	T	-7	4	359	105
GREECE																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1014.1	1014.6	28.2	2.4	20.7	2.6	1	19	-1	3	287	97
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1012.3	1012.7	28.7	2.6	23.3	3.0	5	40	23	5	230	69
16648 LARISSA (AIRPORT)	3938N	02225E	74		1005.6	1014.0	27.6	1.6	19.0	2.9	2	5	-10	2	307	96
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1010.8	1012.6	29.9	2.3	17.8	.3	1	1	-7	3	351	103
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1011.0	1012.3	27.7	1.5	21.4	1.1	3	14	4	4	336	100
16746 SOUDA (AIRPORT)	3529N	02407E	151		994.8	1012.1	27.6	1.8	19.6	1.6	1	8	7	5	364	101
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1006.9	1011.4	27.3	1.4	20.9	1.3	00	0	-1	4	373	108
TURKEY																
17022 ZONGULDAK	4127N	03148E	137		998.4	1014.2	22.3	1.0	20.1	1.8					353	115
17030 SAMSUN	4117N	03618E	4		1014.7	1015.2	24.1	1.4	22.3	1.9	1	3	-31	1	311	135
17034 GIRE SUN	4055N	03823E	37		1009.3	1013.7	23.8	1.4	22.8	1.9	5	118	28	4		
17040 RIZE	4102N	04031E	9		1011.9	1012.9	23.7	1.5	23.0	1.6	11	77	-105	1	151	85
17050 EDIRNE	4140N	02634E	51		1008.2	1014.1	26.3	2.8	16.8	1.1	3	13	-11	2	343	105
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1009.7	1013.5	25.5	2.5	22.1	2.3	0	T	-26	1	334	105
17074 KASTAMONU	4122N	03347E	800		923.9	1012.8	20.5	1.2	12.4	-.4	2	25	-6	3	343	115
17084 CORUM	4033N	03457E	776		926.0	1011.9	21.7	1.3	13.3	.6	1	2	-12	2	336	105
17090 SIVAS	3945N	03701E	1285		871.0	1008.8	20.4	.9	13.8	2.8	0	T	-7	3	390	110
17092 ERZINCAN	3945N	03930E	1218		876.5	1005.1	25.2	2.0	16.3	4.3	0	T	-7	2	299	85
17096 ERZURUM	3957N	04110E	1758		823.7	1005.6	20.0	.8	8.8	-1.8	3	5	-13	2	321	90
17098 KARS	4037N	04306E	1775		822.2	1007.4	17.8	.7	13.2	.9	8	77	39	5	336	105
17112 CANAKKALE	4008N	02624E	6		1013.2	1013.9	26.4	2.2	18.7	-.7					371	105
17116 BURSA	4011N	02904E	100		1001.2	1012.6	25.6	2.1	18.8	1.6					342	105
17130 ANKARA/CENTRAL	3957N	03253E	891		912.7	1009.4	24.3	1.7	14.2	2.9	0	T	-12	1	340	95
17170 VAN	3827N	04319E	1662		830.8	1002.5	22.8	1.6	16.0	5.1	1	16	9	5	370	100
17188 USAK	3841N	02924E	919		908.6	1008.0	24.8	1.9	12.9	-1.1	1	15	5	4		
17190 AFYON	3845N	03032E	1034		897.7	1009.4	23.2	1.8	12.6	.9	1	5	-6	2	345	100
17199 MALATYA/BOLGE	3821N	03819E	948		903.8	1004.6	28.2		15.1						382	105
17210 SIIRT	3755N	04157E	896		906.6	1001.0	30.8	1.1	11.2	1.0	0	T	-2	4	351	95
17220 IZMIR/GUZELYALT	3826N	02710E	29		1006.3	1009.6	29.0	2.1	21.2	2.7					365	95
17240 ISPARTA	3745N	03033E	997		900.9	1008.4	23.9	1.3	15.1	3.1	1	3	-5	3	365	105
17244 KONYA	3758N	03233E	1031		897.5	1008.5	23.6	1.0	9.2	-2.4					349	95
17250 NIGDE	3758N	03441E	1210		878.8	1007.9	23.1	1.6	12.1	1.5	0	T	-2	3	368	100
17255 KAHRAMANMARAS	3736N	03656E	572		942.0	1004.1	29.4	1.5	21.4	3.2					312	90
17270 SANLIURFA	3708N	03846E	549		943.1	1001.8	32.7	1.8	15.0	2.4					352	95
17280 DIYARBAKIR	3753N	04012E	677		929.1	1001.0	31.5	1.3	6.6	-5.2	0	T	-1	5	367	95
17285 HAKKARI	3734N	04346E	1728		821.0				12.6	2.0					368	95

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
17292 MUGLA	3713N	02822E	646		937.0	1007.4	27.3	1.9	15.9	2.3	0	T	-11	3	319	90
17300 ANTALYA	3642N	03044E	54		999.3	1005.1	29.6	1.9	21.7	.0					373	100
17340 MERSIN	3648N	03438E	3		1006.2	1006.6	29.5	1.8	30.6	2.6					328	105
17351 ADANA/BOLGE	3659N	03521E	27		1004.5	1007.6	29.3		30.6						309	90
CYPRUS																
17609 LARNACA AIRPORT	3453N	03338E	2		1006.5	1006.8	28.6	2.0	25.5		0	T	T		389	106
RUSSIAN FEDERATION (EUROPE)																
22113 MURMANSK	6858N	03303E	51		1004.4	1010.5	11.7	.9	11.5	1.3	11	63	-15	4	70	45
22165 KANIN NOS	6839N	04318E	49		1001.9	1007.9	10.9	2.5	12.4	2.5	17	118	71	6	63	48
22550 ARHANGEL'SK	6430N	04044E	8		1007.1	1008.1	15.6	2.4	15.3	3.3	20	147	83	5	131	65
22602 REBOLY	6350N	03049E	182		987.5	1009.1	14.0	.8	10.6	-1.4	13	87	4	5	130	67
22837 VYTEGRA	6101N	03627E	56		1001.2	1007.8	16.0	1.4	14.9	1.6	15	202	113	5	171	82
ESTONIA																
26038 TALLINN	5923N	02435E	34		1005.1	1009.5	16.3	1.0	14.3	.3	12	55	-29	2	216	95
RUSSIAN FEDERATION (EUROPE)																
26063 ST. PETERBURG	5958N	03018E	6		1007.8	1008.5	16.6	.4	15.3	1.2	19	159	79	5	162	76
ESTONIA																
26214 VILSANDI	5823N	02149E	6		1009.5	1010.4	17.2	1.0	15.7	.8	14	68	6	3	276	110
26242 TARTU	5818N	02644E	68		1001.3	1009.6	15.5	.2	14.3	.5	16	115	29	5	202	93
LATVIA																
26314 VENTSPILS	5724N	02132E	3		1010.7	1011.1	17.9		16.1		10	104			250	100
26346 ALUKSNE	5726N	02702E	193		986.3	1009.7	14.7		14.3		18	127			179	80
RUSSIAN FEDERATION (EUROPE)																
26477 VELIKIE LUKI	5621N	03037E	106		996.5	1008.6	15.9	.4	15.0	.9	19	142	68		188	81
LITHUANIA																
26509 KLAJPEDA	5544N	02104E	7		1011.3	1012.2	17.9	1.1	15.8	.8	18	121	38	4	277	110
26524 SIAULIAI	5556N	02319E	107		998.6	1011.3	16.8	.7	14.2	.2	15	82	5	4	274	113
26629 KAUNAS	5453N	02350E	77		1003.2	1012.3	17.1	.7	14.4	.2	13	53	-25		273	115
26730 VILNIUS	5438N	02506E	156		993.6	1012.2	16.8	.5	13.5	-.2	13	105	33		272	125
BELARUS																
26850 MINSK	5356N	02738E	231		985.7	1011.5	16.6	.1	13.8	.3	11	52	-20	2	225	95
RUSSIAN FEDERATION (EUROPE)																
27037 VOLOGDA	5919N	03955E	130		993.3	1008.6	15.8	1.1	15.0	1.5	15	175	104	6	183	84
27595 KAZAN'	5536N	04917E	116		999.0	1012.9	19.2	1.9	16.1	2.5	12	61	-7	2	278	109
27612 MOSKVA	5550N	03737E	156		991.1	1009.4	16.9	.5	15.9	2.0	17	145	69			
UKRAINE																
33345 KYIV	5024N	03034E	167		994.8	1013.5	19.2	.6	14.6	-.3	9	87	18	4		
33393 L'VIV	4949N	02357E	323		978.3	1015.7	18.4	1.6	14.2	-.3	6	26	-50	1	295	133

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
33506 POLTAVA	4936N	03433E	160		994.2	1012.8	19.8	.4	15.2	1.2	7	43	-3	3		
33562 VINNYTSIA	4914N	02836E	298		979.7	1014.0	18.4	.8	14.7	.3	10	53	-14	3	295	113
33587 UMAN'	4846N	03014E	216		989.2	1014.2	19.9	1.7	14.5	-.2	5	22	-37	1		
33631 UZHGOROD	4838N	02216E	124		1001.8	1015.3	22.1	2.7	14.1	-1.1	5	27	-44	1	325	128
33658 CHERNIVTSI	4822N	02554E	246		986.5	1014.9	20.3	2.3	13.0	-2.0	5	6	-55	2	302	123
REPUBLIC OF MOLDOVA																
33815 KISINEV	4701N	02859E	173		993.2	1014.3	22.6	2.1	15.8	1.2	7	27	-18	2	343	116
UKRAINE																
33837 ODESA	4626N	03046E	42		1009.4	1014.3	22.8	1.6	18.3	2.2	5	14	-20	2	345	114
33846 MIKOLAIV	4702N	03157E	50		1008.2	1013.9	23.0	1.2	16.0	.9	1	2	-39	1		
33889 IZMAIL	4522N	02851E	30		1010.9	1014.4	23.9	2.7	17.4	1.3	4	42	4	4	317	110
33910 HENICHES'K	4610N	03449E	15		1011.8	1013.6	23.5	1.4	19.4	2.0	1	5	-21	1	332	108
33915 ASKANIYA-NOVA	4627N	03353E	30		1010.3	1013.7	22.7	1.1	16.5	2.2	3	19	-16	3	322	108
33946 SIMFEROPOL'	4441N	03408E	181		993.1	1014.0	21.8	.8	17.6	2.5	3	40	-1	3	329	104
33983 KERCH	4524N	03625E	49		1008.1	1013.8	22.6	.4	19.0	1.5	3	16	-27	2	318	103
33990 YALTA	4529N	03410E	72		1005.7	1014.0	23.6	.6	19.6	3.2	6	65	30	5	298	103
RUSSIAN FEDERATION (EUROPE)																
34123 VORONEZ	5142N	03913E	149		994.9	1012.2	18.7		16.0		12	116		5		
34172 SARATOV	5134N	04602E	156		989.7	1013.0	19.2	-.4	14.5	1.3	2	19	-27	2	302	111
UKRAINE																
34300 KHARKIV	4958N	03608E	155		995.1	1013.2	19.1	-.4	16.1	2.1	11	138	88	5	243	98
KAZAKHSTAN																
34398 ZHALPAKTAL	4940N	04929E	10		1012.0	1013.2	23.7	1.8	15.3	3.1	3	14	-13		343	123
UKRAINE																
34519 DONETS'K	4804N	03746E	225		988.0	1013.8	20.1	.0	15.8		5	53	12	4		
RUSSIAN FEDERATION (EUROPE)																
34880 ASTRAHAN'	4617N	04803E	-23		1015.6	1013.2	25.0	1.7	18.6	2.5	1	4	-13	2		
ARMENIA																
37789 YEREVAN	4008N	04428E	907			1457 Y	25.4	.2	16.8	3.2	3	11	4	4	333	100
UZBEKISTAN																
38178 AK-BAJTAL	4309N	06420E	234		982.8	1008.9	29.0	2.4	12.4	2.2	0	0	-2	0	355	95
SYRIAN ARAB REPUBLIC																
40007 ALEPPO INT. AIRPORT	3611N	03712E	384		960.5	1004.3	29.9	1.8	16.7	-.1						
40022 LATTAKIA	3532N	03546E	7		1006.0	1006.8	28.3	1.3	28.6	2.7					338	107
40030 HAMA	3507N	03645E	303		971.1	1004.6	29.7	1.8	17.2	2.4						
40045 DEIR EZZOR	3519N	04009E	212			1002.6	33.4	1.7	13.8	2.1						
40061 PALMYRA	3433N	03818E	404		958.7	1002.9	32.0	3.0	14.3	.3					374	103
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609			1004.0	28.7	2.7	15.5	1.4					384	109

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
LEBANON																
40100 BEYROUTH (AEROPORT)	3349N	03529E	19		1004.7	1007.7	28.2	1.6	27.9						251	
40103 TRIPOLI	3427N	03548E	5		1007.3	1008.0	27.2		33.2							
ISRAEL																
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1002.5	1007.8	28.2		24.4			0	0		5	
40199 EILAT	2933N	03457E	12		1006.0	1006.3	33.9	1.6	15.0			0	0		5	95
JORDAN																
40310 MA'AN	3010N	03547E	1070		890.6	1478 Y	27.6	2.0	15.8	3.8					349	96
ASIA																
RUSSIAN FEDERATION (IN ASIA)																
20069 OSTROV VIZE	7930N	07659E	10		1014.4	1015.7	.1	.3	5.7	.0	1	7	-21	1	148	197
20292 GMO IM.E.K. FEDOROVA	7743N	10418E	15		1015.4	1017.3	1.6	1.1	6.3	.3	2	12	-18	2	108	114
20674 OSTROV DIKSON	7330N	08024E	47		1010.2	1015.9	8.1	3.8	10.2	2.4	2	12	-31	1	160	116
20891 HATANGA	7159N	10228E	33			1010.9	12.5	3.4			4	27	-5	0	44	23
23205 NAR' JAN-MAR	6738N	05302E	12			1008.6	16.1	5.8	14.8	4.3	15	136	74	5	223	139
23330 SALEHARD	6632N	06640E	16		1009.7	1011.8	16.0	5.2	13.9	3.5	8	43	-18		255	138
23472 TURUHANSK	6547N	08756E	38		1011.3	1015.8	15.0	2.4	12.9	1.6	8	21	-47	1	264	133
23552 TARKO-SALE	6455N	07749E	27		1012.9	1016.1	16.6	4.5	10.9	-1	10	43	-21	0	277	149
23724 NJAKSIMVOL'	6226N	06052E	51		1006.9	1012.9	17.2	4.4	15.5	3.9	14	119	43		206	95
23804 SYKTYVKAR	6143N	05050E	119		998.0	1010.4	17.2	3.5	15.1	2.8	12	86	27	5	211	106
23884 BOR	6136N	09001E	58		1008.6	1015.4	15.7	1.8	12.9	.8	4	31	-36	1	254	123
23933 HANTY-MANSIJSK	6101N	06902E	46		1009.7	1015.2	19.2	5.4	16.9	4.4	7	52	-14		266	121
24125 OLENEK	6830N	11226E	220		988.1	1014.6	11.2	.4	9.7	.7	4	20	-19		561	260
24143 DZARDZAN	6844N	12400E	39		1007.5	1012.1	11.4	.6	10.5	.8	5	50	7			
24266 VERHOJANSK	6733N	13323E	137		995.3	1011.7	13.0	2.2	10.6	1.8	3	6	-23		143	65
24507 TURA	6416N	10014E	168		992.5	1014.6	13.8	1.4	11.5	1.0	8	59	5	3	183	99
24641 VILJUJSK	6346N	12137E	111		997.4	1010.6	14.7	.6			6	28	-9		235	93
24688 OJMJAKON	6315N	14309E	741		924.6	1009.9	11.1	1.0	8.7	.2	5	27	-11		232	98
24738 SUNTAR	6209N	11739E	133		994.5	1011.4	13.8	-1	12.7	2.0	10	59	18		199	81
24817 ERBOGACEN	6116N	10801E	291		978.1	1012.3	14.2	1.1	11.6	.6	6	24	-27		233	101
24959 JAKUTSK	6201N	12943E	101		995.9	1007.9	16.7	1.8	12.3	1.2	4	37	1		284	104
25173 MYS SHMIDTA	6854N	17922W	4		1013.4	1013.8	2.8	-4	6.6	-4	4	23	-24			
25248 ILIRNEJ	6715N	16758E	353		970.7	1013.1	9.2	.7	8.1	-1	4	10	-30			
25325 UST' -OLOJ	6633N	15925E	127		997.2	1012.5	11.7	2.4	9.9	1.1	1	5	-36			
25399 MYS UELEN	6610N	16950W	3		1011.7	1012.0	6.0	.1	8.4	-2	9	26	-34			
25400 ZYRJANKA	6544N	15054E	43		1007.4	1012.6	12.6	.8	11.5	1.4	3	31	-6		191	83
25563 ANADYR'	6447N	17734E	61		1004.7	1012.2	8.7	-9	9.4	-4	6	17	-24		191	103
25703 SEJMCCHAN	6255N	15225E	205		985.9	1010.8	12.4	.5	11.3	1.5	8	38	-3	3	167	70
25954 KORF	6021N	16600E	4		1010.0	1010.4	12.9	1.0	12.0	.8	12	62	2	3	157	90
28224 PERM'	5801N	05618E	171		993.5	1013.4	18.9		16.7		12	142			189	
28275 TOBOL'SK	5809N	06815E	50		1009.2	1014.8	19.5	4.7	17.3	4.3	9	130	59	5	279	124
28440 EKATERINBURG	5650N	06038E	283		981.5	1013.8	20.5	5.4	16.6	4.3	10	55	-11	3		
KAZAKHSTAN																

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
28679 PETROPAVLOVSK	5450N	06909E	142		998.9	1015.5	21.1	4.9	16.0	3.0	7	25	-26	2	277	113
RUSSIAN FEDERATION (IN ASIA)																
28698 OMSK	5501N	07323E	122		1001.5	1015.8	19.2	3.1	15.9	3.3	9	76	22		292	118
KAZAKHSTAN																
28766 BLACOVESSENSKA	5422N	06658E	151		997.1	1014.5	22.1		14.7		1	2		1		
28879 KOKSHETAY	5317N	06923E	229		989.0	1015.1	21.7	4.9	15.0	2.9	3	8	-35	1	308	123
28952 KUSTANAI	5313N	06337E	156		997.1	1014.6	22.8	5.0	15.9	3.7	4	28	-6		327	116
28966 RUZAEVKA	5249N	06658E	227		988.2	1014.4	21.7		13.9		1	2				
RUSSIAN FEDERATION (IN ASIA)																
29231 KOLPASEVO	5819N	08257E	75		1007.0	1016.0	16.7	2.2	12.9	.0	4	26	-44		333	141
29263 ENISEJSK	5827N	09209E	79		1005.2	1014.6	16.1	1.4	13.0	.1	6	26	-44	1	265	114
29282 BOGUCANY	5823N	09727E	133		997.9	1013.7	16.4	1.5	12.0	-4.9	9	38	-15	2	253	113
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		981.8	1014.5	15.4		12.7		6	59		3		
KAZAKHSTAN																
29807 IRTYSHSK	5321N	07527E	94		1004.2	1015.2	20.1	2.7	13.6	1.0	5	53	14			
RUSSIAN FEDERATION (IN ASIA)																
29838 BARNAUL	5326N	08331E	184		992.5	1014.1	18.0	1.3	12.6	-.6	2	16	-34		313	118
29866 MINUSINSK	5342N	09142E	254		983.4	1013.3	15.9	-.8	13.8	.5	8	72	13	4		
30230 KIRENSK	5746N	10804E	259		980.6	1011.4	15.0	.4	13.2	.2	15	74	12		190	92
30309 BRATSK	5617N	10145E	416		964.2	1012.6	15.4	.5	13.0	.1	4	10	-53		242	107
30469 KALAKAN	5507N	11646E	613		936.8	1007.1	13.0	-.3	12.7	.9	11	69	-19	2	178	87
30554 BAGDARIN	5428N	11335E	903		906.2	1008.6	12.4	.3	10.9	.6	16	218	133	6		
30635 UST'-BARGUZIN	5325N	10901E	461		956.1	1009.5	14.0	-.6	13.9	1.1	7	64	5	3		
30673 MOGOCA	5345N	11944E	625		936.0	1007.7	13.1	-.6	12.4	.5	12	101	-4	3	180	89
30710 IRKUTSK	5216N	10419E	469		956.7	1010.9	15.0	-.1	13.4	.0	11	154	72		180	83
30758 CHITA	5205N	11329E	671		931.0	1007.2	14.9	-.3	12.3	-.2	14	93	13	4	209	92
31004 ALDAN	5837N	12522E	79		931.0	1008.8	12.9	-.2	11.3	.6	12	96	-1		176	78
31088 OHOTSK	5922N	14312E	6		1007.4	1008.1	13.4	.2	14.2	1.4	11	90	9	4	161	88
31168 AJAN	5627N	13809E	8		1007.2	1008.2	12.9	-.2	13.0	.5	13	277	116		129	82
31253 BOMNAK	5443N	12856E	357		965.1	1007.4	14.6	-.6	13.1	-.5	15	50	-64	1	199	95
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		999.3	1007.4	14.5	-1.2	14.1	-.5	15	111	29			
31416 IM POLINY OSIPENKO	5225N	13630E	73		998.7	1007.3	15.6	-.9	14.9	.1	10	68	-18		129	65
31510 BLAGOVESSENSK	5015N	12734E	132		990.5	1005.8	17.8	-1.2	16.5	-.3	13	196	65			
31735 HABAROVSK	4831N	13510E	76		996.8	1007.4	18.0	-1.5	16.5	-1.6	17	172	18		208	96
31960 VLADIVOSTOK	4307N	13154E	183		987.2	1008.9	19.3	-.2	19.3	-1.1	9	52	-96		166	111
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1006.7	1009.5	16.6	-.1	16.6	.2	9	123	18	2	162	109
32583 PETROPAVLOVSK- KAMCATSKIJ	5259N	15839E	24		1000.7	1010.6	13.5		13.1		19	160		5		
32618 NIKOL'SKOE	5512N	16559E	18		1008.8	1011.2	12.4	1.8	13.0	1.3	8	32	-52	1	101	99
KAZAKHSTAN																
35067 ESIL'	5153N	06620E	221		988.9	1014.3	22.6		13.2		1	2		0		
35078 ATBASAR	5149N	06822E	304		980.0	1015.0	21.0	3.7	13.5	2.6	6	15	-16	1	311	109
35108 URALSK	5115N	05117E	37		1009.3	1013.6	22.0	1.6	15.5	2.8	4	39	15	4	320	109

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
RUSSIAN FEDERATION (IN ASIA)																
35121 ORENBURG	5141N	05506E	117		1000.5	1014.1	22.0	2.2	14.9	2.5	3	14	-19	1	331	116
KAZAKHSTAN																
35188 AKMOLA	5108N	07122E	350		974.6	1014.6	21.7	4.0	13.8	2.8	4	50	11	4	329	112
35217 DZHAMBEJTY	5015N	05234E	32		1010.3	1014.0	23.2		13.3		4	12				
35229 AKTJUBINSK	5017N	05709E	219		988.4	1013.6	22.6	2.5	15.3	3.9	4	22	-5	3	303	101
35376 BERLIK	4953N	06931E	349		973.1	1012.8	22.5		12.2		4	20			346	
35394 KARAGANDA	4948N	07309E	553		951.2	1013.7	20.5	2.8	12.1	2.0	3	10	-23		300	99
35406 TAIPAK	4903N	05152E	2		1012.8	1013.0	25.5	2.5	14.9	3.2	2	4	-14	0	339	116
35416 UTL	4904N	05441E	128		1002.6		25.2	2.7	12.8	1.8	4	15	-2	3		
35426 TEMIR	4909N	05707E	234		987.0	1013.8	23.4		13.9		4	15		4		
35746 ARALSKOE MORE	4647N	06139E	62		1004.3	1011.5	28.1	3.9	11.0	.1	0	T	-6	1	378	105
35796 BALHASH	4648N	07505E	350		971.7	1011.5	22.4	.7	14.2	2.2	2	4	-8	3	359	99
35849 KAZALINSK	4546N	06207E	68		1003.4	1011.1	26.7	2.6	13.1	1.3	1	2	-3	3	372	101
35925 SAM	4524N	05607E	88		1002.4	1012.5	28.2	3.7	14.6	2.7	0	0	-5			
35953 DZHUSALY	4530N	06405E	103		998.3	1010.0	27.9		10.6		1	1		2		
36003 PAVLODAR	5218N	07656E	122		1000.1	1014.3	20.3		14.5		6	29		4	313	
36177 SEMIPALATINSK	5025N	08018E	196		989.7	1012.3	20.2	1.5	12.5	.6	2	8	-19	1	325	106
36208 LENINOGORSK	5020N	08333E	811		919.7	1011.3	15.7	.9	11.5	-1.1	01	1	-75	1		
36428 BOL'SHE NARYMSKOE	4912N	08431E	401		963.3	1009.3	19.2		12.1		2	17			364	120
36535 KOKPEKTY	4845N	08222E	512				19.5	1.7	11.0	.3	3	5	-15		338	103
36870 ALMATY	4314N	07656E	851		916.4	1009.5	22.1	-1.1	13.0	1.4	4	63	37	5		
38062 KYZYLORDA	4451N	06530E	130		995.4	1009.9	27.5	3.1	13.7	3.6	0	0	-5	0	0	
38069 CIILI	4410N	06645E	153		992.1	1009.5	26.1		12.5		0	0		0		
38198 TURKESTAN	4316N	06813E	207		984.6	1008.0	27.8	1.6	10.8	1.5	0	T	-1			
UZBEKISTAN																
38262 CHIMBAJ	4257N	05949E	66		1006.5	1014.0	26.7	2.2	16.4	1.8	0	T	-2	0	392	103
KAZAKHSTAN																
38328 SHYMKENT	4219N	06942E	604		940.2	1006.7	25.8		10.9		0	T		3	356	
38334 AUL TYRARA RYSKULOVA	4229N	07018E	808		919.3	1007.3	24.7		10.4		1	2		3		
38341 ZHAMBYL	4251N	07123E	651		936.1	1008.1	24.1		10.6		1	3		4	365	
38343 KOULAN	4257N	07245E	683		933.2	1008.7	23.0		12.2		1	8		4		
UZBEKISTAN																
38396 URGENCH	4134N	06034E	101		999.6	1011.1	27.1		14.1		0	0		0		
38403 BUZAUBAJ	4145N	06228E	98		999.2	1011.2	31.0		14.3		0	0		0		
38413 TAMDY	4144N	06437E	237		982.7	1009.1	29.7	1.5	10.9	1.1	0	0	-1	0	378	102
KAZAKHSTAN																
38439 CARDARA	4122N	06800E	275		976.0	1006.7	27.4									
UZBEKISTAN																
38457 TASHKENT	4116N	06916E	488		952.5	1006.4	26.5	1.1	12.9	-1.1	0	T	-2	1	360	99
TURKMENISTAN																
38507 TURKMENBASHI	4003N	05300E	-13			1011.0	28.9	1.8	15.8	1.2	0	T	-5		355	108

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
38545 DARGANATA	4028N	06217E	142		992.3	1008.3	27.0		14.5		0	0				
UZBEKISTAN																
38611 NAMANGAN	4059N	07135E	474		954.2	1006.9	26.7		16.3			2		4	343	100
38618 FERGANA	4022N	07145E	577		941.7	1005.0	26.0	1.0	16.9	1.1		9	8	4	300	87
38683 BUHARA	3943N	06437E	226		981.9	1007.4	27.9		12.4		0	T		1		
TURKMENISTAN																
38687 CHARDZHEV	3905N	06336E	190		986.3	1008.1	26.8	-1	14.3	2.3	0	0	-1		269	71
UZBEKISTAN																
38696 SAMARKAND	3934N	06657E	724		926.6	1005.7	25.1	.9	13.1	1.0	0	T	T	0	373	103
38812 KARSHI	3848N	06543E	376		967.1	1008.9	28.1		17.2		0	0		0		
38927 TERMEZ	3714N	06716E	310		970.0	1004.5	28.7	1.9	13.3	-1.1	0	T	T	1	386	107
SAUDI ARABIA																
40356 TURAIF	3141N	03844E	852		911.8	1472 Y	30.4		9.5		0	0			362	
40357 ARAR	3054N	04108E	549		942.9	1001.3	35.2		9.0		0	0				
40360 GURIAT	3124N	03716E	504		949.3	1004.2	29.8		12.7		0	0				
40361 AL-JOUF	2947N	04006E	689		930.8	1001.8	34.3		8.0		0	0				
40362 RAFHA	2937N	04329E	444		952.6	1000.5	35.6		12.1		0	0				
40373 AL QAYSUMAH	2819N	04607E	360		960.6	998.9	37.7		10.4		0	0				
40375 TABUK	2822N	03636E	768		921.5	1002.9	32.7		12.0		0	0			347	
40394 HAIL	2726N	04141E	1013		896.9	1481 Y	34.2		7.7		0	0			323	
40400 WEJH	2612N	03628E	21		1001.4	1004.0	30.8		32.6		0	0			325	
40405 GASSIM	2618N	04346E	650		931.7	999.9	36.7		7.4		0	0				
40410 KHAYBER	2540N	03918E	754		921.1	999.0	40.3		8.6		0	0				
40416 DHAHRAN	2616N	05009E	17		996.3	998.2	35.6	1.2	29.8	12.5	0	0	0			
40417 KING FAHAD INT. AIRPORT	2627N	04949E	12		997.8	999.2	36.3		19.1		0	0				
40420 AL AHSA	2518N	04929E	178		980.2	999.2	37.5		19.5		0	0				
40430 MADINAH	2433N	03942E	636		933.5	1000.2	37.8	1.9	11.0	5.0	2	5	4		286	
40437 KING KHALED INT. AIRPORT	2456N	04643E	612		934.9	999.7	36.8		8.1		0	0			307	
40439 YENBO	2409N	03804E	10		1001.8	1003.0	34.1		33.8		0	0				
IRAN, ISLAMIC REPUBLIC OF																
40706 TABRIZ	3805N	04617E	1361		862.1	1003.9	28.1	2.8	11.9	1.2	1	1	-3		356	106
40712 ORUMIEH	3732N	04505E	1312		865.1	1003.8	24.8	1.7	14.0	1.0	0	0	-2		350	103
40718 ANZALI	3728N	04928E	-23		1014.5	1011.0	26.2	.8	26.7	1.2	4	28	-92		256	125
40745 MASHHAD	3616N	05938E	989		900.5	1007.2	28.1	3.5	14.9	5.1	0	0	-1		371	104
40754 TEHRAN-MEHRABAD	3541N	05121E	1191		878.5	1002.0	30.3	.8	14.2	4.7	0	0	-1		324	97
40766 KERMANSHAH	3416N	04707E	1322		864.3	1000.7	29.5	2.3	7.2	-3	0	0	-1		363	108
40800 ESFAHAN	3238N	05143E	1550		841.5	1000.1	28.7	.8	8.7	.4	0	0	-1		367	111
40831 ABADAN	3022N	04815E	11		998.6	999.4	36.9	.8	20.6	4.1	0	0	0		353	122
40841 KERMAN	3015N	05658E	1754		822.2	999.3	25.8	-1.1	6.1	-2	1	2	1		356	110
40848 SHIRAZ	2932N	05235E	1491		846.8	997.9	30.8	2.1	13.8	4.9	0	0	-1		342	104
SAUDI ARABIA																
41024 JEDDAH (KING ABDUL AZIZ INT.)	2142N	03911E	17		1001.9	1003.8	33.7	1.6	33.8	6.5					259	
41030 MAKKAH	2126N	03946E	240		976.8	1002.8	42.9		26.1		1					

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
41036 TAIF	2129N	04033E	1454		852.3	1472 Y	29.6	1.4	12.8	4.6	2	10	5		271	
41055 AL BAHA	2018N	04138E	1662		833.2	1469 Y	29.0		11.6		6	26			249	
41061 WADI AL DAWASSER AIRPORT	2030N	04512E	622		932.9	998.3	36.5		10.9						300	
41084 BISHA	1959N	04237E	1163		879.7	1464 Y	32.5		10.8		2	10			270	
41112 ABHA	1814N	04239E	2093		792.5	1474 Y	22.7		13.9		9	25			248	
41114 KHAMIS MUSHAIT	1818N	04248E	2056		795.9	1474 Y	23.8		15.1		8	102			252	
41128 NAJRAN	1737N	04425E	1210		874.5	1463 Y	31.8		11.7		5				266	
41136 SHARURAH	1728N	04707E	725		923.1	999.3	34.7		14.7		4	83			255	
41140 GIZAN	1654N	04235E	7		1003.0	1003.8	33.3		34.5		8					
BAHRAIN																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		999.2	999.4	35.1	.9	35.5	1.1	0	0	0	5		80
UNITED ARAB EMIRATES																
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		997.1	999.9	36.0	1.6	29.6	-.7					319	100
PAKISTAN																
41515 DROSH	3534N	07147E	1465			1428 Y	28.7	-.4	13.9		3	55	33	5		
41571 ISLAMABAD AIRPORT	3337N	07306E	508		948.0	999.9	28.9	.4	28.3		12	261	-48	3		
41598 JHELUM	3256N	07343E	234		974.3	999.6	30.4	.5	31.4		10	246	25	4		
41600 SIALKOT	3230N	07432E	256		972.2	999.1	29.4	.4	31.7		12	452	193	5		
41620 ZHOB	3121N	06928E	1407		850.7	1411 Y	28.5	-.4	17.5		8	87	29	4		
41624 DERA ISMAIL KHAN	3149N	07055E	173		979.9	998.4	31.1	-.8	33.3		4	53	-4	4		
41640 LAHORE CITY	3133N	07420E	215		974.9	999.6	30.9	.2	32.1		8	109	-54	2		
41675 MULTAN	3012N	07126E	123		985.6	999.5	32.7	-.3	32.2		3	71	39	5		
41685 BAR KHAN	2953N	06943E	1097			1426 Y	28.2	-.5	22.3		14	103	8			
41710 NOKKUNDI	2849N	06245E	683		924.7	996.2	34.6	.5	8.9							
41712 DAL BANDIN	2853N	06424E	850		909.7	1442 Y	33.5	1.0	9.1							
41715 JACOBABAD	2818N	06828E	56		992.8	999.4	32.9	-.3	34.2		1	54	28	5		
41718 KHANPUR	2839N	07041E	88		989.2	999.3	32.5	.1	34.0		2	148	125	6		
41739 PANJGUR	2658N	06406E	981		894.3	1439 Y	31.1	.4	16.3							
41749 NAWABSHAH	2615N	06822E	38		995.6	999.3	32.9	.4	29.5		2	38	-7	3		
41756 JIWANI	2504N	06148E	57		995.1	1001.6	29.4	.8	30.2		1	2	-1	5		
41759 PASNI	2516N	06329E	6		1000.2	1000.7	30.0		32.7							
41768 CHHOR	2531N	06947E	6		999.8	1000.6	29.6	-.5	33.1		4	167	93	5		
41780 KARACHI AIRPORT	2454N	06708E	22		999.5	1002.0	29.8	.9	31.0		2	7	-60	2		
INDIA																
42027 SRINAGAR	3405N	07450E	1587		835.9	1444 Y	22.9	-.6	19.4		5	20	-56	1	177	
42071 AMRITSAR	3138N	07452E	234		971.2	1000.1	28.5	-1.2	32.4		7	146	-41	2	221	97
42147 MUKTESHVAR KUMAON	2928N	07939E	2311		773.3	3152 Z	17.6	.7	18.8		10	127	-154	1		
42165 BIKANER	2800N	07318E	224			999.4	31.0	-.7	29.7		4	23	-48	1		
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216		976.3	1000.3	30.3	.3	33.1		16	156	-79	2	123	69
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111			1003.0	28.4	.0	32.7		20	483	54	4	126	
42339 JODHPUR	2618N	07301E	224			1000.9	29.3		30.0		7	41		2		
42410 GAUHATI	2606N	09135E	54		996.1	1002.1	30.0	1.2	33.9		16	231	4	2	162	101
42452 KOTA AERODROME	2509N	07551E	274			1001.3	29.2	.9	29.1		13	130	-113	1		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		989.3	1000.1	30.1	.9	35.0		10	146	-120	1		
42515 CHERRAPUNJI	2515N	09144E	1313		864.3	1456 Y	21.1	.5	23.3		19	1060	-700	2		

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr			
42587 DALTONGANJ	2403N	08404E	221		974.5	999.9	28.7	-.1	34.2		9	193	-97	2		
42619 SILCHAR	2445N	09248E	29		1000.7	1002.7	29.6		33.3		26	254		1		
42647 AHMADABAD	2304N	07238E	55		997.1	1003.5	28.7	.5	31.2		12	493	205	5	120	108
42671 SAGAR	2351N	07845E	551		941.1	1001.3	26.1	.5	29.3		21	321	-146	2		
42731 DWARKA	2222N	06905E	11		1002.5	1003.8	28.5	.4	32.1		9	103	25			
42754 INDORE	2243N	07548E	567		940.3	1002.7	25.5	.4	26.8		14	190	-170	1		
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1000.5	1001.2	29.9	.8	34.6		18	181	-168	1	135	130
42867 NAGPUR SONEGAON	2106N	07903E	310		967.7	1002.1	27.6	.5	29.6		16	327	36	4	78	67
42909 VERAVAL	2054N	07022E	8		1003.8	1004.7	28.1	.7	33.4		16	374	206	5		
42933 AKOLA	2042N	07702E	282		971.5	1002.8	25.7	-1.4	27.9		14	108	-129	1		
42971 BHUBANESWAR	2015N	08550E	46		995.9	1001.1	28.7	.3	33.7		19	425	36	4	95	74
43041 JAGDALPUR	1905N	08202E	553		942.2	1002.8	25.3	-.1	28.3		24	403	36	3		
43057 BOMBAY/COLABA	1854N	07249E	11		1004.7	1005.9	27.9	.6	32.8		27	310	-177	2	75	100
43063 POONA	1832N	07351E	559		944.3	1006.1	24.7	.2	25.3		18	84	-45	2	117	104
43128 HYDERABAD AIRPORT	1727N	07828E	545		944.9	1004.5	26.1	-.1	26.5		17	144	-19	3	127	93
43185 MACHILIPATNAM	1612N	08109E	3		1003.1	1003.4	29.6	.6	30.5		10	96	-85	2	131	
43192 GOA/PANJIM	1529N	07349E	60		1001.0	1007.7	27.5	1.1	32.1		27	410	-212	2	126	103
43198 BELGAUM/SAMBERA	1551N	07437E	747		925.2	1006.9	23.7	.8	24.1		16	57	-87	0		
43279 MADRAS/MINAMBAKKAM	1300N	08011E	16		1003.7	1005.3	29.6	-.5	29.7		10	166	28	4	157	81
43295 BANGALORE	1258N	07735E	921		906.7	1482 Y	24.5	1.0	22.5		16	139	20	4	101	89
43314 KOZHIIKODE	1115N	07547E	5		1008.8	1009.4	27.4	1.5	30.9		23	230	-242	0		
43333 PORT BLAIR	1140N	09243E	79		998.8	1007.5	26.9	.9	31.1		20	353	-72	2	102	101
43363 PAMBAN	0916N	07918E	11		1005.6	1006.9	30.3	.8	32.2		1	27	18	5		
43369 MINICOY	0818N	07309E	2		1009.7	1009.9	28.9	1.4	32.1		11	63	-178	1	226	122
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1002.3	1009.4	27.3	.9	29.8		13	101	-51	2	133	80
SRI LANKA																
43418 TRINCOMALEE	0835N	08115E	7		998.7	1007.4	30.7	.8	31.8	4.9	4	11	-78			
43466 COLOMBO	0654N	07952E	7		1008.4	1009.2	28.5	.9	31.9	2.8	13	77	-37		220	109
43497 HAMBANTOTA	0607N	08108E	20		1006.6	1008.3	27.7	.3	31.2	3.1	2	37	-18			
MONGOLIA																
44203 RINCHINLHUMBE	5107N	09940E	1583		841.2	1012.5	9.8	-.8	8.8	.0	12	104	46	6		
44207 HATGAL	5026N	10009E	1668		830.7	1013.3	9.3	-.9	8.9	.5	11	117	45	2		
44225 TOSONTSENDEL	4844N	09812E	1723		825.2	1011.8	11.2	-.5	9.1	.4	13	56	10	2		
44230 TARIALAN	4934N	10200E	1235		875.5	1012.9	13.5	-.5	10.8	-.3	8	47	-32	1		
44231 MUREN	4934N	10010E	1283		867.6	1009.4	14.6	.2	10.0	-.4	10	68	14	3		
44232 HUTAG	4923N	10242E	938		905.1	1011.1	14.8	-.6	12.8	.5	8	57	-31	1		
44237 ERDENEMANDAL	4832N	10123E	1509		845.4	1008.5	12.7	-.1	10.8	-.3	7	46	-29	2		
44239 BULGAN	4848N	10333E	1208		874.6	1008.4	13.8	-.1	11.8	.7	7	25	-38	4		
44272 ULIASTAI	4745N	09651E	1759		819.7	1008.1	11.9	-1.4	9.6	.7	9	56	8	2	250	87
44275 BAYANBULAG	4650N	09805E	2255		773.5	1010.1	9.5	-.6	7.6	-.6	8	35	14	4		
44277 ALTAI	4624N	09615E	2181		780.8	1009.8	10.6	-1.7	10.6	3.0	11	63	23	5		
44282 TSETSERLEG	4727N	10128E	1691		826.9	1009.4	12.7	-.1	8.9	-1.0	13	70	4	2		
44284 GAIUUT	4642N	10008E	2126		786.4	1010.2	10.8	-.4	8.4	.5	9	27	-26	1		
44285 HUJIRT	4654N	10246E	1662		830.2	1009.5	12.6	-.2	10.8	.7	11	55	-9	2		
44287 BAYANHONGOR	4608N	10041E	1859		810.6	1007.8	13.7	-.8	9.0	-.4	5	19	-29	1		
44288 ARVAIHEER	4616N	10247E	1813		815.2	1008.5	13.2	-.7	10.5	.9	12	80	27	4		
44336 SAIKHAN-OVOO	4527N	10354E	1316		864.9	1008.1	17.1	-1.2	9.5	-.8	11	55	30	4		

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
44341 MANDALGOVI	4546N	10617E	1393				16.2	- .8	9.1	-2.0	10	62	19	5		
44358 ZAMYN-UUD	4344N	11154E	964		900.7	1006.4	20.8	.0	14.8	1.6	9	36	7	2		
NEPAL																
44454 KATHMANDU AIRPORT	2742N	08522E	1337		860.7	1446 Y	24.8		26.8		22	346			147	90
HONG KONG, CHINA																
45004 KING'S PARK	2219N	11410E	66		997.6	1005.0	28.6	- .1	31.5	.5	17	404	9	3	197	95
MACAU																
45011 TAIPA	2110N	11334E	114		992.7	1005.7	28.4		31.0		18	237		2	196	100
REPUBLIC OF KOREA																
47101 CHUNCHON	3754N	12744E	75		1000.4	1009.1	23.6	- .8	24.0	- .1	17	633	347	5	116	68
47105 KANGNUNG	3745N	12854E	27		1006.1	1009.1	23.2	-1.4	22.4	-2.4	15	284	23	4	106	69
47108 SEOUL	3734N	12658E	87		998.9	1008.7	24.1	-1.3	23.2	-2.2	18	684	390	5	83	56
47115 ULLUNGDO	3729N	13054E	223		983.7	1008.8	22.2	-1.6	23.4	-1.5	11	253	120	5	170	105
47133 TAEJON	3618N	12724E	78		1001.2	1009.0	24.4	-1.0	24.8	-1.2	16	255	-22	3	98	52
47138 POHANG	3602N	12923E	6		1009.1	1009.4	24.8	- .8	24.3	-1.4	15	238	66	4	126	71
47159 PUSAN	3506N	12902E	71		1001.2	1009.2	24.1	-1.8	24.9	-1.9	13	278	75	4	128	61
47165 MOKPO	3447N	12623E	56		1004.6	1008.9	25.0	-1.2	25.7	-2.0	12	369	214	5	143	66
47168 YOSU	3444N	12744E	68		1001.4	1008.9	24.7	-1.2	24.6	-2.0	14	344	115	4	121	55
47184 CHEJU	3331N	12632E	24		1006.3	1008.9	25.9	- .7	26.9	-1.1	13	245	4	3	167	75
JAPAN																
47401 WAKKANAI	4525N	14141E	11		1008.5	1009.8	18.4	- .8	17.7	- .9	9	171	59	5	122	82
47407 ASAHIKAWA	4346N	14222E	116		996.8	1010.3	20.2	- .7	18.5	-1.1	11	132	-26	3	131	81
47409 ABASHIRI	4401N	14417E	43		1005.4	1010.4	18.5	- .6	16.8	-1.8	7	112	8	4	145	92
47412 SAPPORO	4303N	14120E	26		1007.2	1010.2	20.7	-1.0	18.2	-2.1	8	91	-51	2	151	90
47418 KUSHIRO	4259N	14424E	37		1007.1	1011.8	16.4	-1.4	16.7	-1.4	12	190	72	5	95	77
47420 NEMURO	4320N	14535E	39		1007.0	1011.6	15.0	-2.1	15.9	-1.8	11	111	-2	3	78	63
47421 SUTTSU	4248N	14014E	38		1005.7	1010.1	19.6	-1.3	18.9	-2.1	9	79	-59	2	141	87
47426 URAKAWA	4210N	14247E	37		1007.1	1011.4	18.6	-1.3	19.6	-1.1	11	192	40	4	102	67
47430 HAKODATE	4149N	14045E	43		1005.7	1010.7	20.3	-1.3	19.6	-1.9	8	124	-33	3	120	79
47575 AOMORI	4049N	14046E	3		1009.8	1010.2	21.3	-1.6	20.4	-2.2	14	167	28	4	127	67
47582 AKITA	3943N	14006E	21		1007.5	1009.9	23.1	-1.3	22.4	-1.5	16	218	29	4	92	46
47585 MIYAKO	3939N	14158E	46		1005.5	1011.0	20.3	-2.0	21.4	-1.6	14	149	-19	2	84	52
47598 ONAHAMA	3657N	14054E	5		1010.3	1010.9	22.0	-1.9	23.7	-1.4	11	151	14	3	115	60
47600 WAJIMA	3723N	13654E	14		1008.2	1009.8	24.5	- .7	24.8	-1.0	16	200	20	4	123	57
47602 AIKAWA	3802N	13815E	17		1007.7	1009.6	24.1	-1.0	25.2	- .3	17	157	20	4	120	56
47605 KANAZAWA	3635N	13638E	33		1005.7	1009.4	26.0	- .6	26.3	.2	14	236	65	5	147	72
47618 MATSUMOTO	3615N	13758E	611		941.5	1008.9	24.0	- .1	21.4	.0	12	184	91	5	155	76
47624 MAEBASHI	3624N	13904E	113		997.3	1010.2	25.1	- .8	23.5	-1.8	15	149	-22	2	112	69
47636 NAGOYA	3510N	13658E	56		1003.3	1009.6	26.9	- .2	27.1	.7	12	325	180	5	138	70
47648 CHOSHI	3544N	14052E	28		1007.5	1010.7	23.1	-1.8	26.0	-1.3	8	197	90	5	136	63
47655 OMAEZAKI	3436N	13813E	47		1005.1	1010.4	25.5	- .6	28.6	- .2	11	500	285	6	166	74
47662 TOKYO	3541N	13946E	36		1006.3	1010.4	26.0	-1.1	24.3	-1.6	9	370	223	5	130	73
47663 OWASE	3404N	13612E	27		1006.6	1009.7	26.3	.3	28.2	1.0	10	548	-4	4	152	94
47675 OSHIMA	3445N	13222E	79		1001.7	1010.8	24.9	.4	27.7	.4	9	531	312	6	157	92

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
							°C	°C	mb	mb	mm	mm	hr			
47678 HACHIOJIMA	3306N	13947E	80		1002.3	1011.4	26.9	.4	30.6	1.2	12	151	-53	3	133	67
47740 SAIGO	3612N	13320E	31		1005.8	1009.4	24.3	-1.4	25.1	-1.8	14	237	107	5	138	62
47741 MATSUE	3527N	13304E	22		1006.9	1009.4	25.7	-.8	26.0	-1.3	15	207	62	4	166	77
47750 MAIZURU	3527N	13519E	22		1007.1	1009.6	25.9	-.4	26.1	.1	11	217	64	4	123	64
47755 HAMADA	3454N	13204E	20		1007.0	1009.3	25.4	-.9	27.1	.3	16	208	77	4	170	77
47772 OSAKA	3441N	13531E	83		999.8	1009.1	28.3	.1	27.1	1.1	9	266	172	5	194	94
47778 SHIONOMISAKI	3327N	13546E	75		1001.0	1009.4	26.6	.2	30.1	1.1	14	327	55	4	200	89
47800 IZUHARA	3412N	12918E	19		1007.0	1009.1	25.7	-.5	27.3	-.6	13	379	137	4	135	77
47807 FUKUOKA	3335N	13023E	15		1007.3	1009.0	27.2	-.4	26.5	-.9	13	232	67	4	163	79
47815 OITA	3314N	13137E	13		1007.6	1009.1	26.9	.1	27.2	-.2	12	423	249	5	162	81
47817 NAGASAKI	3244N	12952E	35		1004.9	1008.9	27.2	-.4	27.4	-.8	14	284	98	4	176	79
47827 KAGOSHIMA	3133N	13033E	31		1005.2	1008.7	28.6	.7	27.9	-.8	10	186	-27	3	200	97
47830 MIYAZAKI	3155N	13125E	7		1007.1	1008.7	27.6	.4	28.3	-.9	12	233	-61	3	190	86
47837 TANEGASHIMA	3044N	13100E	18		1006.9	1008.9	28.1	.6	30.4	-.2	9	192	-13	3	209	88
47843 FUKUE	3242N	12850E	26		1005.8	1008.8	26.6	-.1	27.6	-1.4	14	235	13	3	144	68
47887 MATSUYAMA	3350N	13247E	34		1005.2	1009.0	27.2	.0	26.4	.5	9	169	71	4	184	84
47891 TAKAMATSU	3419N	13403E	10		1007.8	1008.9	27.7	.6	27.3	-.1	13	319	226	6	180	78
47898 SHIMIZU	3243N	13301E	33		1005.3	1009.0	27.4	.2	30.0	.3	12	649	403	5	212	91
47899 MUROTOMISAKI	3315N	13411E	186		988.1	1009.1	25.8	-.1	29.5	.6	9	356	121	5	207	92
47909 NAZE	2823N	12930E	7		1007.5	1008.3	28.8	.7	30.0	.0	14	347	36	4	174	91
47918 ISHIGAKIJIMA	2420N	12410E	7		1006.6	1007.4	29.6	.8	30.8	-.8	15	203	-32	3	244	104
47927 MIYAKOJIMA	2447N	12517E	41		1003.0	1007.6	29.3	1.3	30.8	-.2	15	108	-118	2	225	95
47936 NAHA	2612N	12741E	53		1001.7	1007.7	29.6	1.5	30.2	-.4	11	245	-13	3	209	91
47945 MINAMIDAITOJIMA	2550N	13114E	20		1006.9	1009.2	28.8	.9	33.6	2.7	6	65	-127	1	290	124
47971 CHICHIJIMA	2705N	14211E	8		1011.9	1012.8	27.8	.3	32.5	2.2	4	49	-40	2	242	112
47991 MINAMITORISHIMA	2418N	15358E	9		1012.6	1013.5	28.6	.8	30.0	.1	11	118	-49		293	112
THAILAND																
48327 CHIANG MAI	1847N	09859E	314		969.8	1005.0	26.8	.2	29.1	1.1	11	157	-79	2	133	93
48378 PHITSANULOK	1647N	10016E	45		997.2	1005.6	29.0	1.2	31.3	1.4	15	131	-126	1	154	93
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1006.9	1007.5	28.1	.6	29.3	.7	13	163	60	5		
48517 CHUMPHON	1029N	09911E	5		1007.9	1008.4	28.4	1.5	30.7	1.4	13	166	-40	2		
48568 SONGKHLA	0712N	10036E	5		1008.3	1009.1	28.4	.1	29.3	.6	11	69	-31	2	193	91
CHINA																
50527 HAILAR	4913N	11945E	611		937.3	1007.2	16.7	-.5	13.7	-.6	9	90	1	3	253	93
50745 QIQIHAR	4723N	12355E	148		988.8	1006.1	20.2	-.7	18.4	.4	14	213	119	5	231	86
51076 ALTAY	4744N	08805E	737		926.9	1010.0	18.7	-1.6	12.1	1.6	5	24	11	4	329	101
51463 URUMQI	4347N	08737E	919		906.2	1009.1	22.0		11.1		5	48		5	319	105
51709 KASHI	3928N	07559E	1291		867.5	1004.5	24.6	.2	13.8	.8	2	9	1	5	326	115
51777 RUOQIANG	3902N	08810E	889		906.9	1003.2	25.9	-.1	13.3	2.9	0	T	-2	1	288	94
51828 HOTAN	3708N	07956E	1375		858.8	1004.0	24.1	-.3	14.0	1.0	1	8	5	5	211	92
52203 HAMI	4249N	09331E	739		922.9	1004.2	24.2	-1.0	12.7	1.3	1	2	-2	2	325	99
52533 JIUQUAN	3946N	09829E	1478		848.4	1005.5	20.6	.2	12.3	.8	4	20	3	4	264	93
52836 DULAN	3618N	09806E	3192		692.4		15.8	1.6	6.5	-.4	3	6	-23	0	215	77
52889 LANZHOU	3603N	10353E	1518		845.2		21.7	.7	15.6	.5	10	86	11	4	204	83
53068 ERENHOT	4339N	11200E	966		900.4	1006.3	21.3	.5	10.7	-1.2	6	26	-13	3	301	102
53614 YINCHUAN	3829N	10613E	1112		886.2	1006.8	22.2	.6	16.5	-.9	4	50	-1	3	222	81
53772 TAIYUAN	3747N	11233E	779		922.1	1008.7	21.7	-.1	19.4	-.3	8	75	-19	2	184	81

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
54292 YANJI	4253N	12928E	178		988.3	1009.0	21.2	-.1	18.2	-2.0	5	36	-98	1	246	135
54342 SHENYANG	4146N	12326E	43		1002.8	1008.5	23.6	.0	20.1	-2.5	4	86	-71	2	257	115
54511 BEIJING	3956N	11617E	55		1004.0	1007.8	26.2	1.6	22.0	-2.1	3	34	-148	0	214	94
54857 QINGDAO	3604N	12020E	77		999.9	1008.6	24.1	-1.2	26.5	-.3	8	110	-46	3		
55591 LHASA	2940N	09108E	3650		654.2		17.0	2.5	11.2	.6	16	124	2	3	259	114
56137 QAMDO	3109N	09710E	3307		682.2		16.5	1.1	13.1	2.2	18	96	3	3	152	76
56294 CHENGDU	3040N	10401E	508		949.0	1005.9	25.4	.5	26.5	-.4	16	375	152	6	66	40
56571 XICHANG	2754N	10216E	1599		836.1		23.7	1.6	20.5	1.1	10	170	-7	3	165	83
56739 TENGCHONG	2507N	09829E	1649		831.6		20.9	1.1	20.9	.7	20	162	-87	1	137	123
56778 KUNMING	2501N	10241E	1892		808.4		21.5	2.4	18.7	.3	13	157	-48	2	170	106
56985 MENGZI	2323N	10323E	1302		865.5	1004.2	23.7		21.7		13	153		3	166	110
57036 XI'AN	3418N	10856E	398		962.8	1007.9	23.5	-1.8	23.8	.2	13	163	97	5		
57083 ZHENGZHOU	3443N	11339E	111		995.7	1008.5	24.2	-1.6	25.7	-.6	12	266	149	6		
57461 YICHANG	3042N	11118E	134		991.3	1006.5	27.5	-.1	28.6	.2	6	157	-28	3		
57745 ZHIJIANG	2727N	10941E	273		975.1	1005.8	28.0	1.0	28.2	.5	3	15	-107	1	235	99
57993 GANZHOU	2551N	11457E	125		990.1	1005.7	29.5	.5	29.1	.6	8	108	-14	2	226	89
58362 SHANGHAI	3124N	12128E	4		1006.0	1006.6	29.3		29.8		9	112		3	183	80
58606 NANCHANG	2836N	11555E	50		999.8	1005.4	30.2	1.0	30.8	.6	3	23	-80	1	249	95
59287 GUANGZHOU	2308N	11319E	8		1000.6	1005.5	29.3	1.0	31.7	.3	14	189	-31	3	153	78
59316 SHANTOU	2324N	11641E	3		1005.4	1006.3	29.2	1.2	32.2	.7	12	269	55	4	262	114
59431 NANNING	2249N	10821E	73		990.1	1004.4	28.3	.3	31.8	1.1	14	147	-67	2	180	89
59758 HAIKOU	2002N	11021E	24		1002.1	1004.1	28.9	1.1	32.2	.4	12	235	11	3	205	91
AFRICA																
MADEIRA																
08522 FUNCHAL	3238N	01654W	56		1011.7	1018.4	24.3	2.0	20.7	.6	0	0	-3	2	271	113
SPAIN (CANARY ISLANDS)																
60020 SANTA CRUZ DE TENE- RIFE, CM	2827N	01615W	36		1012.1	1016.4	26.6	1.5	21.0	2.8	0	0	-1	4	341	110
60030 LAS PALMAS DE GRAN CAN./GAN.	2756N	01523W	47		1010.3	1015.7	24.9	.8	20.4	1.0	0	0	0	5	343	120
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1013.6	1016.0	25.9	1.2	21.1	.9	0	0	-1	5	335	124
WESTERN SAHARA																
60096 VILLA CISNEROS	2342N	01552W	10		1012.1	1013.3	23.3				0	0		0	246	100
MOROCCO																
60101 TANGER(AERODROME)	3544N	00554W	21		1013.7	1015.5	26.4	2.5	20.4		0	0	-2	0	347	100
60115 OUJDA	3447N	00156W	470		962.6	1014.2	27.3	2.1	18.2		0	0	-4	3	321	170
60120 KENITRA	3418N	00636W	14		1013.4	1015.1	25.3	2.0	24.1		0	9999	0001	2	345	110
60135 RABAT-SALE	3403N	00646W	75		1006.1	1015.1	24.8	2.4	25.0		0	0	-1	0	337	90
60150 MEKNES	3353N	00532W	549		951.8	1013.5	26.1	.8	18.5		2	20	19	6	326	100
60155 CASABLANCA	3334N	00740W	62		1008.2	1014.9	24.8	2.1	24.6		0	0	-1	0		
60195 MIDELT	3241N	00444W	1515		854.8	1564 Y	24.6	.4	13.4		4	11	4	5	277	65
60220 ESSAOUIRA	3131N	00947W	8		1014.1	1015.0	21.3	1.8	20.0		0	0	-1	0	288	95
60230 MARRAKECH	3137N	00802W	466		961.7	1013.3	29.6	1.3	15.7		3	9	6	5	327	100
60265 OUARZAZATE	3056N	00654W	1140		891.8	1566 Y	28.8	.0	12.2		5	11	6	4	292	70
60318 TETUAN/SANIA RAMEL	3535N	00520W	10		1015.4	1016.6	27.6		17.3		0	0		0	329	80

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
SPAIN (CEUTA AND MELILLA)																
60338 MELILLA	3517N	00257W	55		1009.0	1015.3	27.4	2.1	25.0	2.7	1	3	2	4	284	112
ALGERIA																
60360 ANNABA	3650N	00749E	4		1014.1	1015.1	28.1	3.1	19.8		0	0	-8	1	319	75
60390 DAR-EL-BEIDA	3643N	00315E	25		1012.1	1015.5	28.3	3.1	25.2		3	28	21	5	296	70
60419 CONSTANTINE	3617N	00637E	694		939.4	1014.9	27.4	2.2	44.5		2	12	0	0	300	70
60490 ORAN/ES SENIA	3538N	00036W	90		1004.4	1014.8	27.5	2.0	23.7		0	T	-1	2	307	95
60525 BISKRA	3448N	00544E	87		1004.5	1014.4	34.4	1.6	14.3		0	0	-6	2	350	
60590 EL GOLEA	3034N	00252E	397		968.8	1012.9	33.1	.8	12.4						364	90
60620 ADRAR	2753N	00017W	263		978.5	1009.4	35.8	.4	9.8		2	3	2	6	287	
60630 IN SALAH	2712N	00228E	293		980.0	1009.2	36.4	-.1	11.3		01	1	0	5	319	
60680 TAMANRASSET	2247N	00531E	1378		866.4	1533 Y	29.0	.8	10.6		3	27	22	5	274	85
TUNISIA																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1014.6	1015.1	30.5	3.7	23.4		0	0	-7	2	347	106
60725 JENDOUBA	3629N	00848E	144		999.4	1015.5	30.4	3.3	17.6		0	0	-15	2	300	95
60735 KAIROUAN	3540N	01006E	68		1007.8	1015.5	32.1	3.4	20.2		0	0	-13	1	339	101
60745 GAFSA	3425N	00849E	314		980.1	1015.2	31.3	2.6	15.7		0	0	-8	3	345	102
60765 GABES	3353N	01006E	5		1014.8	1015.4	29.8	2.4	24.5		0	0	-1	3	356	101
NIGER																
61036 TILLABERY	1412N	00127E	210		987.0	1010.5	28.7		28.3		10	197		4	231	90
61043 TAHOUA	1454N	00515E	391		965.7	1009.0	29.2		26.0		14	112		3	229	85
61052 NIAMEY-AERO	1329N	00210E	227		985.5	1010.5	27.9		27.9		13	229		4	223	95
61075 BIRNI-N'KONNI	1348N	00515E	273		980.2	1010.7	27.5		26.9		13	175		2	194	80
61080 MARADI	1328N	00705E	373		967.8	1009.2	26.6		28.6		8	342		1	217	90
61090 ZINDER	1347N	00859E	453		960.1	1010.3	27.2		25.6		13	190		3	246	105
61096 MAINE-SOROA	1314N	01159E	337		972.3	1009.8	27.1		28.4		9	152		3	224	85
MALI																
61202 TESSALIT	2012N	00059E	491		954.6	1007.5	33.6									
61223 TOMBOUCTOU	1643N	00300W	264		981.2	1581 Y	30.6		24.9		7	144	81	5		
61226 GAO	1616N	00003W	260		981.0	1009.8	31.0	.0	24.0		8	101	32			
61230 NIORO DU SAHEL	1514N	00921W	237		983.9	1010.5	27.7	-.2	28.9		15	248	100	4		
61233 NARA	1510N	00717W	265				27.4	-.6	28.0		10	0094	-045			
61240 HOMBORI	1520N	00141W	288			1010.0	29.3	-.3	27.0		10	178	69	5		
61257 KAYES	1426N	01126W	47		1007.2	1020.6	27.7	.1	30.9		16	290	92	4		
61265 MOPTI	1431N	00406W	272		980.5	1011.5	27.3	-.5	27.9		15	166	11			
61270 KITA	1304N	00928W	334		974.6	1012.5	25.2	-.2	27.9		21	261	-21	4		
61272 SEGOU	1324N	00609W	289		979.1	1011.4	26.5	.0	29.6		19	188	-22	1	168	73
61277 SAN	1320N	00450W	284		979.8	1011.3	26.9	.1	29.0		21	258	46	3		
61285 KENIEBA	1251N	01114W	132		997.8	1012.5	26.7	.0	28.3		20	338	-14	2	262	154
61293 KOUTIALA	1223N	00528W	367		970.5	1011.3	25.9	.2	29.7		20	298	57	3	186	83
61296 BOUGOUNI	1125N	00730W	351		972.6	1011.6	25.7	.3	28.0		17	175	-108	2		
61297 SIKASSO	1121N	00541W	375				25.0	-.1	26.1		19	346	48	2		
SENEGAL																

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
61612 PODOR	1639N	01458W	7		1011.4	1012.2	30.7		28.3	1.7	10	119	42	3	221	
61627 LINGUERE	1523N	01507W	21		1009.2	1011.5	29.3		30.7	2.2	7	0123	-019	0	213	93
61641 DAKAR/YOFF	1444N	01730W	24		1009.2	1012.5	27.7		29.4	.0	10	118	-46	1	197	88
61679 KAOLACK	1408N	01604W	7		1012.5	1013.3	28.2		32.4		16	0165	-055	1	205	88
61687 TAMBACOUNDA	1346N	01341W	50		1006.5	1012.2			29.2	.2	8	0042	-185	1	183	92
61695 ZIGUINCHOR	1233N	01616W	23		1010.2	1012.8	26.8		31.5	1.7	21	421	12	3	140	82
OCEAN ISLANDS (UK)																
61901 ST. HELENA IS.	1556S	00504W	436		969.8	1021.0	16.4				16	65			97	100
MAURITIUS																
61974 AGALEGA	1026S	05645E	3		1014.5	1015.0	25.6	.6	25.2	.4	6	23	-40	1	272	
OCEAN ISLANDS (FRANCE)																
61976 SERGE-FROLOW (ILE TROMELIN)	1553S	05431E	13		1016.7	1018.3	23.7		20.8		7	29		6	105	
61980 SAINT-DENIS/GILLOT (REUNION)	2053S	05531E	25			1020.8	20.9		15.8		5	67		6	210	
MAURITIUS																
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4								10	56	5	4		
61988 RODRIGUES	1941S	06325E	59		1012.9	1019.2	22.1	.7	19.7	.9	7	35	-26	1	238	98
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1015.3	1021.2	21.0	.2	18.7	-.3	9	45	-44	1	199	105
OCEAN ISLANDS (FRANCE)																
61998 PORT-AUX-FRANCAIS (ILES KERG)	4921S	07015E	30		1003.4	1006.9	4.0	2.0	6.3		9	57	-9	2	109	104
EGYPT																
62306 MERSA MATRUH	3120N	02713E	29		1007.6	1011.1	26.8	1.3	23.4	-.7	0	0		3	325	91
62337 EL ARISH	3105N	03350E	38		1004.3	1008.0	27.0	.8	25.9	1.9	0	0		0		
62378 HELWAN	2952N	03120E	141		996.0	1012.0	29.0	1.4	20.0	.5	0	0		5	352	104
62414 ASSWAN	2358N	03247E	194		983.8	1005.4	35.0	1.8	10.5	.2	0	0		3	356	99
62435 KHARGA	2527N	03032E	73		998.0	1006.9	33.1	1.1	18.6	3.4					357	98
SUDAN																
62600 WADI HALFA	2149N	03129E	183		985.1	1005.3	35.3	2.8	13.2						321	80
62640 ABU HAMED	1932N	03319E	312		970.0	1004.1	36.3	1.8	15.0						288	70
62641 PORT SUDAN	1935N	03713E	2			1003.7	36.0	1.5	21.5						273	
62650 DONGOLA	1910N	03029E	226		980.5	1006.3	35.8	2.3	10.3						283	85
62660 KARIMA	1833N	03151E	249		976.7	1005.4	35.2	.8	15.7		1	10	-1	4	182	65
62680 ATBARA	1742N	03358E	345		966.6	1004.6	33.3	-.2	21.6						261	65
62721 KHARTOUM	1536N	03233E	380		964.4	1008.0	29.3	-2.2	21.9		5	39	-36	4		
62730 KASSALA	1528N	03624E	500				29.3	.2	23.3		11	94	9	3	266	
62751 WAD MEDANI	1424N	03329E	408		964.3	1009.7	26.2	-2.4	27.1		14	152	40	1	228	155
62752 GEDAREF	1402N	03524E	599		942.7	1009.4	26.6	.3	25.4		13	173	-11	1	237	60
62760 EL FASHER	1337N	02520E	730		927.3	1006.5	29.5	1.6	21.7		5	94	7	3	221	75
62762 SENNAR	1333N	03337E	418		960.9	1007.6	28.1	.1	27.1		8	0105	-030	1	238	60
62770 GENEINA	1329N	02227E	805		923.0	1010.9	26.8	1.0	24.0		16	295	81	3	207	
62771 EL OBEID	1310N	03014E	574		945.0	1008.4	27.1	-.4	25.2		9	125	15	4	294	
62772 KOSTI	1310N	03240E	381		965.8	1009.1	27.9	-.3	27.8		11	175	56	4	226	
62781 EN NAHUD	1242N	02826E	564		947.7	1010.0	28.2	.5	25.5		9	80	-35	4	299	

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
62790 NYALA	1203N	02453E	674		938.7	1010.1	26.5	- .6	25.0		12	247	129	3		
62795 ABU NA'AMA	1244N	03408E	445		959.5	1009.3	26.3	- .4	25.6			178	33	4	201	50
62805 DAMAZINE	1147N	03423E	470		955.9	1008.3	26.0	- .1	25.0		17	177	6	3	176	40
62810 KADUGLI	1100N	02943E	499		966.9	1010.8	27.1	.8	27.2		8	0110	-053	1	247	
62941 JUBA	0452N	03136E	457		958.9	1010.7			25.6		12	197	53	1	222	55
ETHIOPIA																
63331 GONDAR	1232N	03725E	1667						16.6		24	281	276			95
63402 JIMMA	0740N	03650E	1725		837.4				17.7		19	145	140			95
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		773.5		16.3		14.6		22	249		4		
63471 DIREDAWA	0936N	04151E	1260		882.8				18.3		9	53	48			95
KENYA																
63723 GARISSA	0028S	03938E	147		998.1	1014.0	32.0	4.4	20.1	- .1	1	5		0	242	94
UNITED REPUBLIC OF TANZANIA																
63756 MWANZA	0228S	03255E	1140		888.6	1524 Y	23.0		17.2		3	21	-4	3		
63832 TABORA AIRPORT	0505S	03250E	1190		883.4	1510 Y	23.6		12.2		0	0	-2	0		
63862 DODOMA	0610S	03546E	1120		893.0	1538 Y	21.4		12.9		0	0	0	0		
63894 DAR ES SALAAM AIRPORT	0652S	03912E	55		1010.9	1017.2	24.3		21.5		01	1	-26	1		
63962 SONGEA	1041S	03535E	1067		899.9	1556 Y	19.0		12.2		01	1	1	3		
63971 MTWARA	1016S	04011E	113		1004.3	1017.3	24.3		22.3		1	2	-7	1		
SEYCHELLES																
63980 SEYCHELLES INT. AIRPORT	0440S	05531E	3		1012.3	1012.7	26.3	.4	26.3	- .2	12	43	-54	2	270	117
DEMO. REPUBLIC OF THE CONGO																
64210 KINSHASA/N'DJILI	0423S	01526E	312		977.6	1012.8	24.7		22.1		0	0				
RWANDA																
64387 KIGALI	0158S	03007E	1497		852.2	1517 Y	22.0		15.0		7	0065	0031			
CONGO																
64401 LOUBOMO	0412S	01242E	330				22.9		21.4							
64402 MOUYONDZI	0359S	01355E	512		955.3	1012.1	22.7		21.1		0	0				
64405 SIBITI	0341S	01321E	531				21.3		21.5		1	2				
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		977.3	1012.6	24.8		21.3		0	0		0	171	125
64458 OUESSO	0137N	01603E	352		964.2	1011.3	25.4		27.5		6	57		0		
64459 IMPFONDO	0137N	01804E	326				25.3		27.7		10	164		2		
CENTRAL AFRICAN REPUBLIC																
64600 BERBERATI	0415N	01548E	583		946.7	1011.6	24.0		26.1		10	143				
64601 BOUAR	0558N	01538E	1020		900.9	1520 Y	21.5		22.2		20	261				
64650 BANGUI	0424N	01831E	366		970.3	1011.3	25.0		26.8		10	135			153	
64654 N'DELE	0824N	02039E	511		958.1	1015.0	25.3		25.8		19	183				
64655 BRIA	0632N	02159E	584		947.0	1010.9	23.9		25.9		21	322				
64656 BANGASSOU	0444N	02250E	500		956.1	1011.0	24.9		26.5		14	161				
CHAD																

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
64700 NDJAMENA	1208N	01502E	295		977.1	1010.7	25.9		28.1	1.9	16	291	117	4	177	88
BENIN																
65306 KANDI	1108N	00256E	292		978.9	1011.7	25.8	-.2	28.1	.8	17	306	35		162	83
65319 NATITINGOU	1019N	00123E	461		961.0	1012.3	24.9	.0	26.5	.9	17	345	82	0	136	98
65330 PARAKOU	0921N	00237E	393		968.7	1012.6	24.5	-.2	26.1	.7	17	263	55		125	105
65335 SAVE	0802N	00228E	200		989.8	1012.4	25.2	.2	27.8	2.1	10	125	-23		111	119
65338 BOHICON	0710N	00204E	167		994.7	1013.6	25.3	.0	27.7	1.8	15	158	46	4	149	155
65344 COTONOU	0621N	00223E	9		1012.5	1013.6	26.0	.4	28.6	1.1		132	68	2	175	118
TOGO																
65352 MANGO	1022N	00028E	146		995.0	1012.7	26.3	.3	30.0		10	267	31	4		
65361 SOKODE	0859N	00109E	387		967.8	1013.3	24.1		27.1		24	405	159	5		
65376 ATAKPAME	0735N	00107E	402		967.1	1013.4	24.0	.1	26.0		18	252	71	4		
65387 LOME	0610N	00115E	25		1010.7	1013.5	25.7	.5	28.8		1	8	-24	3	168	114
GHANA																
65442 KUMASI	0643N	00136W	293		981.2	1014.6	24.6		25.7		3	26			102	
BURKINA FASO																
65501 DORI	1402N	00002W	277		979.8	1010.7	28.2		28.1		13	235		4	238	
65502 OUAHIGOUYA	1334N	00225W	336		973.2	1010.6	27.1		27.5		13	231		4	241	
65503 OUAGADOUGOU	1221N	00131W	306		977.5	1011.6	26.8		27.5		20	166		1	218	90
65505 DEDOUGOU	1228N	00329W	300		977.9	1011.5	26.2		28.1		21	331		5	234	
65507 FADA N' GOURMA	1202N	00022E	309		976.9	1011.3	26.2		28.2		13	302		5	208	
65510 BOBO-DIOULASSO	1110N	00419W	460		960.6	1011.9	24.9		26.2		15	412		5	160	90
65516 BOROMO	1145N	00256W	271		981.4	1011.8	26.3		27.4		15	304		4	182	
65518 PO	1109N	00109W	322		975.1	1011.2	25.4		27.9		15	326		5	167	
COTE D'IVOIRE																
65545 BONDOUKOU	0803N	00247W	370		971.1	1013.0	24.3	.3	25.3	-.1	5	37	-53	0		
65557 GAGNOA	0608N	00557W	210		989.7	1013.6	24.8	.1	27.0	1.0	9	84	-11	4	102	105
65599 SASSANDRA	0457N	00605W	66		1006.1	1013.6	24.6	.4	26.9	.5	4	12	-20	0	151	123
COMOROS																
67005 DZAOUDZI/PAMANZI (MAYOTTE)	1248S	04517E	7		1015.0	1017.3	24.3		22.9		1	11		6	258	
MADAGASCAR																
67073 MAINTIRANO	1803S	04402E	23		1015.4	1018.0	23.3	.1	19.7	-2.2						
67083 ANTANANARIVO/IVATO	1848S	04729E	1276		879.2	1560 Y	14.6	.1	12.6	.1					255	109
67095 TAMATAVE	1807S	04924E	6		1020.5	1021.2	20.4	-.1	19.6	-1.1	18	135	-83	1	180	98
67161 TULEAR	2323S	04344E	8		1018.3	1019.2	21.2	.2	18.2	5.7						
MOZAMBIQUE																
67217 LICHINGA	1318S	03514E	1365		869.4	1555 Y	20.1				1	13		4	264	70
67237 NAMPULA	1506S	03917E	441		967.9	1019.5	21.6		16.9		1	3		3		
67283 QUELIMANE	1753S	03653E	16		1018.1	1020.0	21.3		20.8			146		2	238	
67297 BEIRA	1948S	03454E	16		1017.8	1019.6	20.9		19.1		3	99		2	258	
67341 MAPUTO/MAVALANE	2555S	03234E	44		1013.2	1020.6					0	0		1	297	85

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
MALAWI																
67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229		883.2	1559 Y	17.1		11.1		1	3		1	300	
ZIMBABWE																
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		874.1	1579 Y	13.7		8.7		0	0	-1	4	314	110
SOUTH AFRICA																
68174 PIETERSBURG	2350S	02925E	1237		886.7	1555 Y	14.2		6.4		0	0	-6	2	313	111
68242 MMABATHO	2547S	02532E	1251		876.1	1554 Y	13.7		4.9		0	0			315	
68262 PRETORIA	2544S	02811E	1306		876.7	1560 Y	13.8		5.8		0	T	-5	2	297	101
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		835.0	1552 Y	11.5		5.1		1	8	2	4	311	110
68424 UPINGTON	2842S	02127E	850		928.0	1534 Y	12.7		5.1		2	3	-1	4	303	99
68438 KIMBERLEY	2848S	02446E	1196		885.0	1536 Y	11.1		5.2		0	T	-7	2	292	98
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		864.5	1540 Y	8.9		4.2		2	4	-10	3	290	102
68461 BETHLEHEM	2825S	02833E	1690		834.0	1543 Y	8.8		5.6		3	14		4	285	
68512 SPRINGBOK	2967S	01790E	1007		905.6	1524 Y	9.3		6.4		8	103		6	240	
68538 DE AAR	3065S	02400E	1287		873.9	1530 Y	9.8		5.2		2	5		3	281	
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1017.8	1019.5	17.4		13.5		5	58	-4	3	232	107
68618 CALVINIA	3128S	01946E	975		905.4	1520 Y	8.3		6.2		8	45		5	251	
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1014.1	1019.3	11.5		10.4		12	100	23	5	193	91
68828 GEORGE AIRPORT	3401S	02223E	190		995.9	1018.8	11.3		8.7		10	55			232	
68842 PORT ELIZABETH	3398S	02562E	69		1011.0	1018.4	12.8		10.6		6	43	-21	3	233	100
68858 EAST LONDON	3302S	02750E	125		1004.1	1019.1	14.3		11.2		3	20	-58	1	241	103
68994 MARION ISLAND	4653S	03752E	21		1004.2	1006.9	4.1		6.4		13	114	-73	1	68	75
N AMERICA																
USA (ALASKA)																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1012.6	2.2	-1.1	6.4		7	22	-2	3		
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1009.7	10.9	-.3	11.0		13	55	10	4		
70200 NOME	6430N	16526W	7			1010.1	10.2	.1	11.2		13	101	33	4		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			1011.1	13.2	1.6	12.9		15	121	48	5		
70231 MCGRATH	6258N	15537W	103			1011.1	13.5	1.1	11.3		12	58	-4	3		
70261 FAIRBANKS/INT.	6449N	14752W	138			1011.1	13.5	-.3	10.9		7	49	0	4		
70273 ANCHORAGE/INT.	6110N	15001W	40			1011.6	14.4	.9	12.0		13	61	-1	4		
70308 ST. PAUL	5709N	17013W	9			1010.4	9.7	1.0	11.2		10	41	-28	2		
70316 COLD BAY	5512N	16243W	31			1011.8	12.0	1.2	12.3		23	113	31	4		
70326 KING SALMON	5841N	15639W	15			1010.3	13.8	1.6	12.8		16	99	25	5		
70361 YAKUTAT	5931N	13940W	9			1015.8	11.5	-.3	12.1		17	422	129	5		
70398 ANNETTE ISLAND	5502N	13134W	34			1017.6	15.0	.2	14.5		16	287	131	5		
USA																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1016.6	30.0	.9	30.8		15	129	2	4		
72202 MIAMI, FL.	2549N	08017W	4			1017.0	28.4	.2	28.7		22	245	53	5		
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1017.4	28.2	.1	30.2		12	267	115	4		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1017.5	27.5	-.6	28.7		20	302	130	5		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1017.5	26.9	-.4	28.7		12	47	-154	0		

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1017.7	27.6	.4	30.1		11	72	-117	6		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1017.6	27.5	.5	28.8		13	98	-85	2		
72211 TAMPA/INT., FL.	2758N	08232W	3			1017.3	27.7	-.3	27.9		18	380	187	6		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1016.9	27.1	-.3	27.3		18	266	75	4		
72217 MACON/LEWIS B.WILSON,GA.	3242N	08339W	110			1017.0	27.5	.6	26.9		9	159	67	5		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1017.2	26.5	.0	27.7		10	96	-18	3		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1017.2	26.2	.6	26.1		6	89	-4	4		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1016.6	27.8	.1	26.8		12	144	-32	2		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1016.6	27.3	.3	28.1		8	95	2	3		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1016.2	28.9	1.4	30.8		14	158	2	3		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1016.4	27.0		27.9		9	193		5		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1016.3	27.6	.4	26.4		9	114	19	4		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1016.3	28.4	.7	30.5		11	109	-26	3		
72242 GALVESTON, TX.	2918N	09448W	16			1015.5	29.2	.6	30.9		8	117	4	6		
72243 HOUSTON/INTERCONTI- NENTAL,	2958N	09521W	33			1015.3	29.3	1.4	27.5		12	114	26	4		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1015.3	28.6	.7	26.2		4	81	20	4		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1014.4	29.2	.0	29.5		8	70	0	6		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1014.6	28.8	-.2	28.0		4	40	-44	2		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1014.2	28.7	-.7	24.0		7	42	-22	3		
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189			1014.2	28.7	-.6	23.1		4	75	23	3		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1015.1	28.8	-.1	27.1		5	42	-34	2		
72256 WACO,MADISON-COOPER, TX.	3137N	09713W	155			1014.6	29.5	-.3	26.1		5	63	21	6		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1014.5	30.4	1.0	22.0		6	47	-9	3		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1014.4	28.5	.8	20.1		6	64	15	4		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1013.4	28.5	1.4	17.1		3	49	7	4		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1014.3	28.4	.0	20.3		4	62	-9	3		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1013.7	27.5	2.0	16.6		3	10	-53	1		
72270 EL PASO/INT., TX.	3148N	10624W	1194			1011.4	28.8	2.1	13.4		4	17	-23	2		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1011.5	30.2	1.0	18.3		8	52	-3	3		
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337			1009.7	34.8	1.7	18.3		3	13	-11	3		
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9			1014.0	22.6	.0	21.3							
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1013.3	21.7	.3	18.4							
72304 CAPE HATTERAS, NC.	3516N	07533W	3				25.4	-.4			11	226	74	5		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1017.4	26.0	.9	27.6		15	189	87	5		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1017.0	26.9	1.8	26.7		11	154	32	4		
72310 COLUMBIA, SC.	3357N	08107W	69			1017.1	27.0	.5	26.6		8	92	-62	2		
72312 GREENVILLE/SPATANBURG, SC	3454N	08213W	296			1016.8	25.2	.1	25.9		15	289	189	6		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1017.3	25.3	-.4	27.1		14	263	169	6		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1017.8	23.2	1.0	21.8		11	174	55	5		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1017.4	25.2	.9	25.2		11	235	137	5		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210			1017.1	26.2	.7	25.1		10	87	-2	3		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1016.7	25.4	1.0	25.2		14	139	60	5		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1016.8	26.3	.7	24.0		9	99	12	4		
72340 NORTH LITTLE ROCK/MUNICIPAL	3450N	09215W	165				29.2		27.8		7	26		1		
72344 FORT SMITH/MUN., AR.	3520N	09422W	141			1015.2	28.5	1.5	25.4		5	69	-5	3		
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1013.8	29.9	1.2	21.9		5	65	2	4		
72365 ALBUQUERQUE/INT.,NM.	3503N	10637W	1620			1014.0	25.9	1.5	12.4		5	18	-23	1		
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664			1010.6	32.4	.9	15.7		3	21	9	4		
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100			1012.7	27.4	.6	14.7		1	1	0	5		

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1017.4	25.8	.9	28.3		11	94	-17	3		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20			1016.9	26.0	.2	24.5		11	118	19	3		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1016.5	24.6	.4	25.2		15	117	18	3		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1017.0	24.6	1.6	25.8		6	43	-62	1		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1016.6	25.6	1.4	23.9		9	83	-13	3		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1017.4	24.6	.9	23.3		12	103	-2	3		
72412 BECKLEY(RALEIGH CTY.MUN),WV.	3747N	08107W	766			1017.5	21.6	1.2	20.8		11	145	60	5		
72414 CHARLESTON/KANAWHA.,WV.	3822N	08136W	299			1017.4	23.5	.2	23.1		12	166	65	6		
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267			1016.8	23.7	.6	23.1		8	123	38	4		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301			1017.2	24.2		24.1		11	116		4		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1016.7	25.7	1.4	24.3		12	171	82	5		
72425 HUNTINGTON, WV	3822N	08233W	255			1016.8	23.7	.6	23.4		12	152	55	5		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1017.0	23.1	1.2	21.3		12	291	197	6		
72429 DAYTON/. COX, OH	3952N	08407E	306			1017.6	22.7	.4	21.4		9	98	17	4		
72432 EVANSVILLE/REG., IN.	3803N	08732W	118			1016.7	25.1	.6	25.7		5	49	-30	2		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1015.8	27.1	1.8	25.3		7	65	-7	3		
72438 INDIANAPOLIS/I.-MUN/WEI.,IN.	3944N	08616W	246			1016.9	23.8	.9	22.1		9	118	26	4		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1016.9	24.0	.8	23.6		3	97	14	4		
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274			1016.3	26.1	2.1	20.8		6	78	-5	4		
72476 GRAND JUNCTION/WALKER F.,CO.	3907N	10832W	1475			1013.0	25.6	.9	11.9		2	10	-10	1		
72483 SACRAMENTO/EXECUTIVECA.	3831N	12130W	8			1013.5	24.0	.1	14.4		3	15	14	5		
72486 ELY/YELLAND, NV.	3917N	11451W	1909			1013.5	20.5	1.9	8.2		4	30	9	5		
72488 RENO/INT., NV.	3930N	11947W	1341			1014.2	23.5	2.6	10.3		3	26	18	5		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1015.6	19.1	1.5	15.7							
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1016.1	25.6	1.5	24.4		11	139	44	4		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1016.4	23.8	2.0	22.3		10	143	51	4		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1016.0	23.4	1.4	21.2		13	153	61	5		
72509 BOSTON/LOGAN INT., MA	4222N	07102W	9			1016.0	23.4	1.2	21.9		9	77	-5	3		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1016.2	21.8	.7	21.1		11	157	73	6		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1017.4	20.4	.8	19.4		6	55	-30	2		
72517 ALLENTOWN/A.-BETHLEHEM-,PA.	4039N	07526W	117			1016.5	23.8	1.5	23.8		9	129	21	6		
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124			1016.3	21.8	1.6	19.7		9	77	-12	2		
72520 PITTSBURGH/GREATER PITT.,PA.	4030N	08013W	373			1017.9	22.5	1.1	20.5		9	81	0	3		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1017.3	22.0	.7	22.2		8	81	-3	6		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1017.4	21.0	.6	20.8		9	84	0	3		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1016.6	21.5	.9	19.7		10	63	-42	1		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1016.6	21.5	1.5	20.1		11	105	19	4		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1017.1	23.1	1.0	19.9		8	107	0	4		
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202			1016.9	24.2	1.4	22.1		6	62	-16	2		
72533 FORT WAYNE/MUN.,BAER FL.,IN.	4100N	08512W	252			1017.5	22.4	.4	21.3		9	104	19	4		
72535 SOUTH BEND/ST.JOSEPH CO.,IN.	4142N	08619W	236			1017.5	22.7	1.1	20.5		6	45	-48	1		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1016.9	22.7	1.6	20.9		10	84	2	4		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1017.0	22.7	1.3	21.0		11	111	24	6		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1016.8	24.3	1.7	21.5		4	44	-63	2		
72546 DES MOINES/MUN., IA.	4132N	09339W	294			1016.5	25.4	2.1	21.3		3	17	-89	0		
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473			1016.4	24.3	1.7	20.0		5	34	-30	1		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1017.1	23.5	.8	21.5		4	42	-33	2		
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849			1015.7	24.2	2.1	16.3		4	15	-29	1		
72564 CHEYENNE, WY.	4109N	10449W	1872			1015.1	21.5		10.7		5	21		2		

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1013.9	22.5	2.1	10.5		3	43	26	5		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1012.3	26.7	2.5	10.5		4	17	-4	3		
72576 LANDER/HUNT, WY.	4249N	10844W	1694			1013.9	23.1	2.6	10.6		3	19	6	5		
72578 POCATELLO/NUM., ID.	4255N	11236W	1365			1014.2	22.6	2.2	9.7		6	23	6	4		
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			1013.8	22.0	1.1	8.7		1	2	-9	3		
72594 EUREKA, CA.	4048N	12410W	18				14.6	.2			2	13	1	4		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1014.8	23.2		12.7		3	19		4		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1015.9	21.6		20.7		14	174		5		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1015.6	20.4	.8	19.0		8	53	-19	2		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1015.5	21.9	2.0	18.7		7	57	-46	2		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1017.3	21.7	.9	20.1		11	94	4	4		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1017.2	22.4	2.1	21.1		7	86	0	6		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1017.3	21.5	1.2	19.6		10	96	8	4		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1017.2	22.9	2.2	19.8		3	15	-74	1		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1017.3	22.2	2.0	18.9		5	22	-80	0		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1017.8	21.5	1.4	19.9		3	10	-88	0		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1017.4	21.1	1.6	20.9		9	105	17	6		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1016.4	23.0	1.1	19.5		5	50	-22	2		
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393			1015.8	23.8	1.7	17.2		4	38	-12	3		
72658 MINNEAPOLIS/ST.PAUL INTL,MN.	4453N	09313W	255			1016.9	24.0	2.6	17.8		2	28	-63	1		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1014.7	24.5	3.1	12.8		3	12	-30	1		
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209			1013.8	23.5	3.3	11.6		1	15	-5	2		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1013.3	25.1	3.6	10.7		0	9999	-025	0		
72681 BOISE/MUN., ID.	4334N	11613W	874			1012.5	25.2	2.7	8.9		2	10	0	4		
72688 PENDLETON, OR.	4541N	11851W	456			1013.6	22.9	.7	10.4		1	2	-11	2		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1017.0	21.2	.9	14.4		1	5	-22	2		
72712 CARIBOU/MUN., ME.	4652N	06801W	190			1014.7	17.9	.8	17.0		12	88	-15	3		
72734 SAULT STE. MARIE, MI.	4628N	08422W	221			1016.5	18.8	1.8	17.0		9	77	-14	3		
72745 DULUTH/INT., MN.	4650N	09211W	432			1017.8	19.8	2.2	18.2		8	60	-41	2		
72747 INT. FALLS/FALLS INT.MN.	4834N	09323W	361			1017.1	19.3	1.7	17.0		7	61	-18	2		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1015.8	22.6	2.2	18.0		6	27	-34	1		
72764 BISMARCK/MUN., ND.	4646N	10045W	506			1014.6	24.2	4.0	15.1		4	7	-36	1		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1014.3	23.7	3.3	13.9		4	23	-8	3		
72768 GLASGOW/INTL, MT.	4813N	10637W	700			1013.7	24.6	3.8	12.8		3	25	-9	3		
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			1015.6	23.0	3.3	11.2		7	26	-6	3		
72773 MISSOULA/JOHNSON-BELL F.,MT.	4655N	11405W	972			1015.3	21.3	2.5	6.5		3	14	-16	2		
72781 YAKIMA/YAKIMA AIR TERM.,WA.	4634N	12032W	325			1014.2	21.6	1.0	11.6		1	11	1	4		
72785 SPOKANE/INT.,WA.	4738N	11732W	721			1014.4	21.3	1.1	8.5		4	11	-7	3		
72792 OLYMPIA, WA.	4658N	12254W	61			1017.7	17.7	.3	13.5		4	9	-23	6		
72797 QUILLAYUTE, WA.	4757N	12433W	62			1018.6	15.0		13.5		2	8				
CANADA																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74			1002.8	1011.9	14.2	.7	11.0	9	59	10	5	216	85
71066 HIGH LEVEL, ALTA	5837N	11710W	338			972.6	1013.4	14.9	.9	10.5	8	35		3		
71069 SLAVE LAKE, ALTA	5518N	11447W	581			946.6	1015.4	16.0	1.6	12.6	11	74	5	4		
71078 LYNN LAKE, MAN.	5652N	10105W	357			972.0	1014.8	17.2	3.2	13.9	11	79	6	5	280	115
71079 THOMPSON WEATHER OFFICE-MAN.	5548N	09751W	204			988.1	1015.1	16.9	3.1	13.5	4	57	-20	2		
71081 HALL BEACH,N.W.T.	6847N	08115W	8			1009.0	1010.1	4.8	.3	7.2	12	118	74	6		
71090 CLYDE,N.W.T.	7029N	06831W	26			1007.3	1010.7	7.1	3.2	8.0	3	22	-8	3		

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
71095 POND INLET, N.W.T.	7242N	07758W	55		1002.0	1009.0	4.2		7.0		12	69		5		
71101 SANDSPIT, B.C.	5315N	13149W	6		1016.7	1017.5	15.4	.5			9	50	-4	3		
71109 PORT HARDY, B.C.	5041N	12722W	22		1016.4	1019.0	14.3	.4	12.9		7	65	3	3		
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40		1010.4	1015.2	15.5	.7	15.0		8	51	-70	1		
71600 SABLE ISLAND, N.S.	4356N	06001W	4		1016.1	1016.7	18.6	1.0	18.6		10	122	11	4		
71603 YARMOUTH, N.S.	4350N	06605W	43		1011.2	1016.4	17.8	1.3	18.1		9	156	74	5	171	75
71727 BAGOTVILLE, QUE.	4820N	07100W	159		995.4	1014.5	17.5	1.1	15.5		14	145	45	5		
71803 GANDER INT. AIRPORT, NFLD.	4857N	05434W	151		996.3	1014.5	16.7	1.2	13.5		8	46	-49	1	248	120
71813 NATASHQUAN, QUE.	5011N	06149W	11		1011.4	1012.7	15.4	1.9	14.0		8	45	-61	1		
71816 GOOSE, NFLD.	5319N	06025W	49		1005.0	1010.9	15.8	1.6	11.3		9	71	-27	2	238	125
71827 LA GRANDE RIVIERE, QUE	5338N	07742W	195		989.6	1013.3	15.1		12.9		6	52		1		
71828 SCHEFFERVILLE, QUE.	5448N	06648W	518		950.6	1012.5	12.8	1.8	10.7		9	52	-37	1		
71842 SIOUX LOOKOUT, ONT.	5007N	09154W	390		970.4	1016.9	19.6	2.8	16.1		9	107	20	4		
71867 THE PAS, MAN.	5358N	10106W	271		982.6	1014.9	19.7	3.3	15.3		5	30	-35	2	299	105
71869 PRINCE ALBERT, SASK.	5313N	10541W	428		964.2	1015.1	19.5	3.4	13.7		7	40	-18	2		
71887 KAMLOOPS, B.C.	5042N	12027W	346		973.4	1013.9	22.3	2.0	10.5		1	2	-28	0		
71905 KUUVJUARAPIK, QUE.	5517N	07746W	10		1010.8	1012.1	13.5	2.9	11.5		10	57	-32	1		
71906 KUUVJUAQ, QUE.	5806N	06825W	37		1006.1	1010.9	12.1	1.7	10.0		11	77	11	4		
71907 INUKJUAQ, QUE	5827N	07807W	6		1008.0	1011.1	10.7	1.8	10.1		11	92	30	5		
71909 IQALUIT, N.W.T.	6345N	06833W	34		1004.9	1009.1	7.8	1.0	8.2		12	86	23	4		
71910 CAPE DORSET, N.W.T.	6413N	07632W	50		1004.0	1010.3	6.8		7.8		11	70		5		
71924 RESOLUTE, N.W.T.	7443N	09459W	67		1002.2	1011.0	.8	-1.1	5.9		8	31	0	3		
71926 BAKER LAKE, N.W.T.	6418N	09605W	18		1009.8	1012.1	10.9	1.5	10.2		8	19	-21	1		
71935 HAY RIVER, N.W.T.	6050N	11547W	166		991.4	1011.7	14.7	.3	10.7		11	68	25	4		
71945 FORT NELSON, B.C.	5850N	12235W	382		968.3	1014.2	14.6	-.3	11.2		8	122	59	5		
71950 SMITHERS, B.C.	5449N	12711W	523		955.1	1016.9	13.9	-.5	10.6		8	41	-1	4		
71957 INUVIK, N.W.T.	6818N	13329W	68		1002.7	1011.2	10.1	-.4	9.6		13	34	-9	3		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		932.2	1016.1	12.1	-.2	7.7		9	21	-18	2	224	95
MEXICO																
76256 EMPALME, SON	2755N	11054W	11		1010.1	1011.4	31.6		28.7		7	42		2	307	
76390 SALTILLO, COAH	2527N	10059W	1790		824.2	1009.6	19.9		15.6		10	91		4	268	
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1007.2	1012.8	28.5		23.6		5	216		5	288	
76405 LA PAZ, B.C.S.	2416N	11025W	18		1009.3	1011.7	30.3		27.3		7			3	197	150
76423 DURANGO, DGO	2402N	10440W	1872		817.0	1011.3	19.5		16.2		20	110		3	226	
76548 TAMPICO, TAMP	2213N	09751W	9		1011.7	1014.7	28.7	.6	29.4	-.2	8	176	56	4	231	105
76556 TEPIC, NAY	2131N	10454W	922		911.8	1011.7	23.9		23.9		17	292		3	185	
76577 GUANAJUATO, GTO.	2101N	10115W	1999		806.1	1012.6	19.4	.1	15.9	.8	16	196	56	1	212	96
76644 AEROP. INTERNACIONAL MERIDA,	2059N	08939W	9		1013.6	1014.8	27.9	.6	29.4	.8	12	229	66	5	236	96
76665 MORELIA, MICH.	1942N	10111W	1913		813.1	1012.5	19.1	.7	15.9	.7	20	213	51	5	185	116
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1013.9	1015.0	29.6		29.8		10	129			225	
76750 CHETUMAL, Q.ROO	1829N	08818W	9		1012.6	1013.6	28.9		30.1		11	99		2	173	140
76805 ACAPULCO, GRO.	1650N	09956W	13		1011.4	1011.9	29.3	.9	31.3	.2	12	177	-135	2	268	117
76848 COMITAN, CHIS.	1615N	09208W	1530		839.1	1008.7	19.3		16.2		11	142		2	252	
76903 TAPACHULA, CHIS.	1455N	09216W	182		1004.3	1017.8	27.6		28.9		18	261		2	147	
BAHAMAS																
78073 NASSAU AIRPORT	2503N	07728W	7		1016.9	1017.7	28.7	.8	30.2	.7	16	133	-82		250	94

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
JAMAICA																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1014.5	1014.6	28.6		31.8		10	176			262	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1012.3	1013.9	29.2		26.8		7	72		3	253	
PUERTO RICO AND US POSS																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1015.9	28.0	- .2	31.0		19	144	9	4		
BELIZE																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1013.2	1013.7	28.5	.6	32.2		17	123	-63	1	256	109
COSTA RICA																
78762 JUAN SANTAMARIA	1000N	08413W	939		909.6	1010.6	22.6	.8	21.7		20	223	-53	2		
78767 PUERTO LIMON	1000N	08303W	3		1011.4	1012.1	26.3	.7	29.0		18	310	22	3	133	92
ST. MAARTEN, ST. EUST., SABA																
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1016.3	1016.8	28.5	.3	26.5	-2.3	20	124	25	5	276	105
ST. MARTIN, ST. BARTH., GUAD.																
78897 LE RAISET, GUADELOUPE	1616N	06131W	11		1014.1		27.7	.0	28.8		15	131	-67	2	210	90
MARTINIQUE																
78925 LE LAMENTIN	1436N	06100W	7		1013.9	1014.8	27.7	.5	29.1	- .7	21	304	53	4	223	89
BARBADOS																
78954 GRANTLEY ADAMS	1304N	05929W	56		1008.5	1015.0	28.0		32.3		16	157		4	280	70
TRINIDAD AND TOBAGO																
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1011.5	1014.0	27.4	1.0	29.9	1.3	18	215	-35	2	229	108
CURACAO AND BONAIRE																
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1012.8	1013.7	28.6	.1	29.5	- .3	1	9	-32	2	332	115
COLOMBIA																
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				28.7	.9	31.3	.0	15	137	-63	4	242	116
S AMERICA																
COLOMBIA																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1009.6	1010.1	29.5	1.2	31.0	1.8	8	50	1	4	231	105
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1009.9	1010.1	28.6	.6	32.8	2.2	10	37	-87	4	217	104
80028 BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30		1008.7	1010.4	28.8	.9	32.2	2.0	5	113	11	5	222	109
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				28.1	.1	28.7	.4	14	205	-39	1	217	105
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		882.5		21.9		21.2		11	64	-28	0	204	135
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		975.4	1009.8	29.3	1.0	23.4	.3	2	7	-26	5	227	107
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		993.2	1005.7	28.4	2.5	29.4	1.3	12	211	-11	2	175	108
80112 RIONEGRO/J. M. CORDOVA	0608N	07526W	2142		791.3						15	107	-115	1	230	142
80139 PUERTO CARENNO/A. GUAUQUEA	0610N	06730W	55				27.6	1.1	27.6	.9	18	274	-70	1	169	113
80144 QUIBDO/EL CARANO	0543N	07637W	53				27.2	.8	29.6	.1	29	842	-26	0	143	108

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
80210 PEREIRA/MATECANA	0449N	07544W	1342		865.6		22.1	.2	19.6	.6	11	72	-52	1	178	100
80214 IBAGUE/PERALES	0426N	07509W	928				25.9	1.0	20.2	.6	3	14	-86	4	213	111
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		962.3	1011.0	24.9	.4	25.0	.6	21	410	14	0	149	116
80259 CALI/ALFONSO BONILLAARAGON	0333N	07623W	969		905.7		23.8		22.1		7	58	12	4	210	70
80315 NEIVA/BENITO SALAS	0258N	07518W	443		958.7	1006.8	29.9	1.2	21.0	.8	1	2	-28	5	181	109
80370 IPIALES/SAN LUIS	0049N	07738W	2961				10.7	.8	10.0	-.1	10	12	-28	3	152	118
VENEZUELA																
80403 CORO	1125N	06941W	17				29.8	1.1	28.6		1	7	-17	1	300	104
80407 MARACAIBO-LA CHINITA	1034N	07144W	65		1002.5	1009.9	29.6	1.1	29.8		3	27	-33	2	225	97
80410 BARQUISIMETO	1004N	06919W	614		943.2	1010.8	24.0	.5	24.2		7	88	35	5	252	105
80413 MARACAY - B.A. SUCRE	1015N	06739W	437		964.3	1012.7	25.8	1.4	28.8		15	169	-3	3	211	92
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1005.6	1011.0	28.0	1.0	29.9		8	33	-17	2	235	96
80416 CARACAS/LA CARLOTA	1030N	06653W	835				24.0	1.7	22.1		11	42	-82		209	96
80419 BARCELONA	1007N	06441W	7		1012.1	1013.1					9	75	-46	2	232	99
80420 CUMANA	1027N	06411W	4		1012.4	1013.0	27.4		28.1		7	45			262	105
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19		1011.0	1013.2	28.7		33.0		3	38			304	110
80423 GUIRIA	1035N	06219W	14		1007.1	1008.6	26.3	-.9	25.3		5	25	-103	0	246	115
80457 PUERTO AYACUCHO	0536N	06730W	74		1006.3	1014.9	26.4	1.0	23.6		18	301	3	3	150	97
80479 PALMICHAL	1018N	06814W	1000				21.2		22.0		14	198			143	
FRENCH GUIANA																
81401 SAINT-LAURENT-DU-MARONI	0530N	05402W	9		1012.9	1014.0	27.6		29.3		10	65	-102	1	251	107
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9		1012.6	1013.5	26.9		28.9		8	24	-141	1	265	110
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1012.5	1013.4	27.3		27.9		8	159	45	5		
BRAZIL																
82024 BOA VISTA	0249N	06039W	90				27.8		28.9		17	212		3		
82098 MACAPA	0002N	05103W	15		1011.7	1013.6	28.2	1.4	30.1		3	20	-78	0	300	111
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90				26.4		29.9		16	145		1	177	
82191 BELEM	0127S	04828W	10		1011.7	1012.3	27.1	1.1	29.7		14	106	-25	3	266	104
82212 FONTE BOA	0232S	06610W	56		1005.5	1013.9	26.5		24.7		9	109		2	180	
82246 BELTERRA	0238S	05457W	176		994.1	1014.0	25.9	-1.8	31.7		8	57	5	4	261	104
82280 SAO LUIZ	0232S	04418W	51		1007.9	1013.6	26.7	.7	30.7		3	34	2	4	261	100
82287 PARNAIBA	0305S	04147W	22		1007.4	1010.1	26.8	-.2	26.5		0	0	-4	3	317	103
82397 FORTALEZA	0346S	03836W	26		1012.1	1015.2	26.5	.4	26.2		3	12	-19	2		
82410 BENJAMIN CONSTANT	0423S	07002W	65				25.7		28.4		16	207		5	160	
82445 ITAITUBA	0416S	05559W	45		1009.8	1015.0	27.3	.3	31.8		10	127	35	6	210	93
82533 MANICORE	0549S	06118W	50		1006.8	1012.4	26.9		28.5		6	68		4	160	
82562 MARABA	0521S	04909W	95		1001.5	1012.3	28.7	1.9	25.8		3	17	-5	4	257	130
82571 BARRA DO CORDA	0530S	04516W	153		995.4	1015.1	27.7	2.0	24.2		1	17	3	4	257	106
82578 TERESINA	0505S	04249W	74		1004.5	1014.7	27.8	2.1	24.8		0	0	-11	2	304	106
82586 QUIXERAMOBIM	0512S	03918W	212		987.8	1011.5	27.6	.6	18.9		0	0	-10	2	289	105
82598 NATAL	0546S	03512W	45		1010.4	1015.4	26.2		27.2		9	50		1	237	110
82678 FLORIANO	0646S	04301W	123		999.0	1014.6	29.2	.4	18.6		1	7	6	5	312	111
82704 CRUZEIRO DO SUL	0738S	07240W	170		989.9	1009.3	26.0		25.4		8	114		5	174	
82765 CAROLINA	0720S	04728W	192		991.9	1015.8	28.5	1.0	23.7		5	19	3	4	257	97
82784 BARBALHA	0719S	03918W	409		968.8	1015.3	26.7	1.8	18.0		1	3	-2	4	302	107
82791 PATOS	0701S	03716W	249		986.2	1014.0	27.1		17.6		1	2		3	310	115

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb		mm	mm	hr		
82825 PORTO VELHO	0846S	06305W	95		1002.9	1009.5	23.6	-1.4	25.0		5	103	-98	5	193	122
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160		993.0	1009.7	28.6	2.5	22.9		4	41	22	5	270	131
82900 RECIFE (CURADO)	0803S	03455W	7		1016.2	1017.1	24.2	.3	25.4		20	195	-18	4	235	
82915 RIO BRANCO	0958S	06748W	136		995.1	1012.8	23.5	-.8	24.1		8	93	53	5	188	110
82983 PETROLINA	0923S	04029W	370		975.1	1016.8	25.9	1.1	20.8		0	0	-4	3	295	112
83096 ARACAJU	1055S	03703W	6		1017.2	1017.9	25.0	.5	24.9		18	90	-11	3	219	99
83186 JACOBINA	1111S	04028W	484		962.8	1016.9	22.1	.3	19.6		6	21	-18	2	183	94
83229 SALVADOR	1301S	03831W	51		1012.5	1018.6	23.9	.2	24.9		16	137	2	3	168	83
83235 TAGUATINGA	1216S	04626W	660		947.1	1013.6	26.1	1.0	16.8		1	6	3	5	224	87
83236 BARREIRAS	1209S	04500W	440		964.5	1013.5	24.6	1.0	18.5		3	10	5	5	250	87
83242 LENCOIS	1234S	04123W	438		967.8	1017.6	22.1	.4	18.8		10	49	3	4	162	94
83264 VERA (GLEBA CELESTE)	1212S	05630W	415				25.5	2.3	18.6		1	4	-19	3	253	118
83288 BOM JESUS DA LAPA	1316S	04325W	440		965.0	1014.0	25.7	.8	16.7		1	4	2	5	268	96
83332 POSSE	1406S	04622W	950			1014.6	24.4	1.0	16.0		1	5	-7	4	244	88
83344 VITORIA DA CONQUISTA	1457S	04053W	893		921.0	1018.7	18.1	-.5	17.6		5	17	-1	3	155	73
83361 CUIABA	1533S	05607W	179		997.6	1018.0	24.5	-.2	19.1		2	13	2	3	258	112
83377 BRASILIA	1547S	04756W	1158		889.5	1014.9	20.9	-.3	13.1		6	62	50	5	255	97
83423 GOIANIA	1641S	04917W	729		933.1	1014.3	24.1	1.2	14.1		4	13	1	4		
83437 MONTES CLAROS	1643S	04352W	646		944.3	1016.3	22.2	1.0	15.0		1	10	4	4	246	91
83492 TEOFILLO OTONI	1751S	04130W	356		978.5	1017.2	21.8	1.4	18.4		2	7	-18	2	152	89
83498 CARAVELAS	1744S	03915W	3		1019.5	1020.0	22.8	.5	20.2		12	79	14	4	134	64
83552 CORUMBA	1900S	05739W	130		999.5	1017.3	22.3	-.4	20.7		5	35	3	4		
83579 ARAXA	1934S	04656W	1004		905.0	1017.0	20.0	.6	13.2		4	13	-7	3	255	102
83587 BELO HORIZONTE	1950S	04356W	850		916.3	1016.8	20.4	1.4	13.9		2	10	-3	4	221	87
83592 CARATINGA	1948S	04209W	609		950.2	1019.2	19.8	.7	16.9		3	20	-2	4	197	98
83618 TRES LAGOAS	2047S	05138W	313				19.4	-2.4			2	2	-33	2		
83648 VITORIA	2019S	04020W	36		1016.1	1020.5	22.3	.1	20.6		6	27	-28	2	167	
83676 CATANDUVA	2108S	04858W	536				20.2	-.9	13.5		4	10	-17	3	234	105
83698 CAMPOS	2145S	04120W	11		1018.9	1020.3	21.3		20.0		7	50	4	4		
83702 PONTA PORA	2232S	05544W	650		942.6	1020.6	16.3	-2.2	11.2		4	14	-54	1	243	132
83766 LONDRINA	2323S	05111W	566		954.6	1020.9	17.0	-1.5	13.1		4	48	-14	3	247	124
83781 SAO PAULO	2330S	04637W	792		929.4	1019.2	16.1	-1.0	12.4		5	25	-13	3		
83836 IRATI	2528S	05038W	837		919.9	1018.4	11.7		10.4		5	28	2	2	200	
83842 CURITIBA	2526S	04916W	923				13.0	-1.0			4	14	-60	1	206	139
83881 IRAI	2711S	05314W	247		991.1	1022.0	14.0	-1.9	12.2		5	60	-87	1	200	127
83897 FLORIANOPOLIS	2735S	04834W	2		1020.1	1020.3	16.3	-.6	14.7		4	10	-82	1	206	136
83967 PORTO ALEGRE	3001S	05113W	47		1016.6	1022.4	14.1	-1.2	12.4		5	58	-82	1	185	123
83980 BAGE	3120S	05406W	217		992.0	1021.1	11.4	-1.9	11.2		7	100	-23	3	175	131
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1017.4	1021.9	9.9	-2.1	11.8		9	103	-4	3	142	87
BOLIVIA																
85033 GUAYARAMERIN	1049S	06521W	130		998.1	1013.8	25.1		14.9		4	66		5		
85041 COBILJA	1102S	06847W	235		988.1	1019.4	23.3		14.9		3	44		3		
85043 RIBERALTA	1100S	06607W	141		997.7	1013.9	25.5		15.0		2	62		5		
85104 SAN JOAQUIN	1304S	06449W	140		996.0	1012.0					4	37		4		
85109 SAN RAMON	1318S	06442W	140		995.8	1011.7	24.3		13.5		3	42		4		
85114 MAGDALENA	1320S	06407W	141		995.8	1012.0	24.8		13.9		3	36		4		
85123 SANTA ANA	1346S	06526W	144		997.0	1013.7	23.8		13.1		5	49		4		
85141 RURRENABAQUE	1428S	06734W	204		991.9	1014.9	22.7		15.2		9	167		5		

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
85151 APOLO	1444S	06830W	1415		861.2		18.7		12.3		4	32		2		
85152 SAN BORJA	1452S	06652W	194		992.4	1029.5	22.9		13.1		8	118		5		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		999.1	1015.6					3	89		5		
85154 TRINIDAD	1449S	06455W	155		996.9	1015.0	22.8		12.8		3	64		4		
85175 ASCENION DE GUARAYOS	1543S	06306W	247		987.8	1016.3	28.8		11.2		4	33		3		
85195 SAN JAVIER	1616S	06228W	534		956.2	1016.9	27.3		11.3		4	30		3		
85196 CONCEPCION	1609S	06201W	497		959.3	1016.4	21.9		10.7		2	11		2		
85201 LA PAZ/ALTO	1631S	06811W	4038		630.2		5.5		2.6		3	11		4		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		969.3	1016.9	21.6		10.3		2	13		3		
85210 SAN MATIAS	1620S	05823W	124		999.9	1017.5	23.5		11.8		3	31				
85223 COCHABAMBA	1725S	06611W	2548		750.1		15.7		5.6		1	2		3		
85230 CHARANA	1735S	06936W	4054		627.2		2.7		2.0		1	1		4		
85242 ORURO	1758S	06704W	3072				5.2		2.5		2	7		3		
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		967.2	1015.5	21.8		9.3		4	15		2		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		984.6	1017.4	22.9		8.9		3	13		3		
85264 VALLEGRANDE	1828S	06406W	1998		791.8		13.6		7.2							
85268 ROBORE	1819S	05946W	276		986.3	1018.4	21.3		11.3		4	64		4		
85283 SUCRE	1901S	06518W	2904		721.6		11.7		4.4		1	4		3		
85289 PUERTO SUAREZ	1859S	05749W	134		999.9	1015.5	22.0		11.4		4	29		4		
85315 CAMIRI	2000S	06332W	798		927.1	1017.5	17.1		7.2							
85345 VILLAMONTES	2115S	06327W	398		968.8	1018.0	18.3		8.2							
85364 TARIJA	2133S	06442W	1854		814.0		14.2		6.1							
85365 YACUIBA	2157S	06339W	645		944.9	1019.6	16.4		7.6							
CHILE																
85406 ARICA	1821S	07020W	55		1012.4	1016.8	16.1	.4	13.3	-.6				136	110	
85418 IQUIQUE	2032S	07011W	48		1011.1	1016.8	15.1	-.2	13.0	-.2				178	105	
85442 ANTOFAGASTA	2326S	07027W	140		1000.4	1017.4	13.6	-.1	12.0	-.2	0	0	-1	3	221	105
85469 ISLA DE PASCUA	2710S	10926W	69		1009.8	1018.0	18.7		16.5		13	115		4	175	100
85470 COPIAPO	2718S	07025W	290		980.8	1015.3	12.2	.2	9.7	-1.1	0	0	-2	3	240	100
85488 LA SERENA	2955S	07112W	146		1002.2	1018.2	10.6	-.3	10.5	-.6	0	T	-16	1	185	105
85574 PUDAHUEL	3323S	07047W	474		963.8	1020.4	9.1		8.9		2	4		1	172	105
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		958.4	1019.7	10.0		9.5		2	7		1	166	105
85585 ISLA JUAN FERNANDEZ	3337S	07849W	30		1018.5	1022.1	12.4		11.5		10	44		1	118	
85629 CURICO	3458S	07113W	220								3	24	-74	1	168	125
85672 CHILLAN	3635S	07202W	148								8	63	-72	2	168	105
85682 CONCEPCION	3646S	07304W	13		1020.4	1021.4	9.2	.1	9.6	-.3	7	64	-89	1	178	105
85743 TEMUCO	3846S	07238W	93		1010.1	1021.6	7.7	.0	8.3	-.7	12	77	-57	1	147	130
85766 VALDIVIA	3938S	07305W	19								13	141	-106	2	127	115
85782 OSORNO	4036S	07303W	58								17	92	-81	1		
85799 PUERTO MONTT	4126S	07306W	90		1009.2	1020.3	7.2	.4	9.1	.4	17	183	-25	3	113	120
85864 COYHAIQUE	4536S	07206W	311		978.0	1015.8	5.1	1.3	6.8	.4	13	160	36	4	105	
85874 BALMACEDA	4555S	07142W	522		953.6	1015.6	3.3	1.4	6.3	.8	10	97	25	5	143	
85934 PUNTA ARENAS	5300S	07051W	43		999.9	1006.0	3.5	1.5	5.1	-.7	6	12	-18	1	154	135
URUGUAY																
86330 ARTIGAS	3023S	05630W	120		1006.0	1020.6	12.4	-2.0	10.4	-1.1	5	140	53	5	219	119
86350 RIVERA	3053S	05532W	241		991.8	1020.7	11.9		10.2		7	131		3	215	130
86360 SALTO	3123S	05757W	33		1015.7	1020.9	11.9	-1.3	10.1	-1.1	7	86	16	5	172	98

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
86430 PAYSANDU	3220S	05802W	61		1014.3	1022.1	11.8		10.2		8	185		5	187	100
86440 MELO	3222S	05413W	100		1008.0	1020.4	10.9	-1.5	10.7	-0.8	7	130	18	4	180	109
86460 PASO DE LOS TOROS	3248S	05631W	75		1011.4	1020.7	10.5	-2.0	10.2	-1.1	9	130	40	5	174	103
86490 MERCEDES	3315S	05804W	17		1018.7	1020.8	10.5	-1.6	10.0	-0.6	7	166	101	5	154	92
86500 TREINTA Y TRES	3313S	05423W	46		1015.1	1020.8	10.9	-1.3	10.2	-0.9	8	109	-5	3	173	112
86560 COLONIA	3427S	05750W	23		1017.2	1019.8	11.2	-1.0	10.5	-0.6	7	37	-39	2	169	101
86565 ROCHA	3429S	05418W	18		1018.3	1020.7	10.7	-0.7	10.3	-1.3	9	82	-29	2	155	97
ARGENTINA																
87016 ORAN AERO	2309S	06419W	357		975.8	1017.4	15.8	-1.1	11.0	-1.9	1	2	-4	3	191	110
87022 TARTAGAL AERO	2239S	06349W	450		966.6	1018.7	15.8		10.1		0	0			233	
87046 JUJUY AERO	2423S	06505W	905		915.5	1527 Y	13.5		8.1		0	T		3	202	90
87047 SALTA AERO	2451S	06529W	1221		882.7	1534 Y	11.3	-1.0	7.6	-0.9	0	0	-4	1	208	107
87078 LAS LOMITAS	2442S	06035W	130		1003.6	1018.8	17.0	-1.5	10.9	-2.1	1	13	-7	3	269	126
87097 IGUAZU AERO	2544S	05428W	270		988.3	1020.0	15.0		12.8		11	0060		2	183	
87121 TUCUMAN AERO	2651S	06506W	450		967.3	1019.7	13.2		8.8		1	2			200	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		996.7	1020.3	13.5	-1.5	6.1	-3.5	1	2	-2	1	236	65
87155 RESISTENCIA AERO.	2727S	05903W	52		1013.6	1019.8	14.6		10.7		3	63		4	180	110
87163 B.DE IRIGOYEN AERO	2615S	05309W	815		926.9	1541 Y	13.6		9.6		5	77			243	
87166 CORRIENTES AERO.	2727S	05846W	62		1013.0	1020.4	15.1	-1.4	11.0	-3.1	3	53	-3	3	222	116
87213 CHILECITO AERO	2914S	06726W	945			1547 Y	12.9		5.9		0	0		0	231	
87217 LA RIOJA AERO.	2923S	06649W	429		968.7	1019.5	12.5	-1.5	8.0	-0.4	0	0	-5	1	234	98
87222 CATAMARCA AERO.	2836S	06546W	454		964.2	1017.1	13.9		6.8			6		2	198	
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341						10.2	.6	3	100	86	1		
87257 CERES AERO	2953S	06157W	88		1010.3	1020.9	12.5	-1.3	9.7	-1.7	3	27	4	4	210	104
87270 RECONQUISTA AERO	2911S	05942W	53		1014.4	1020.8		-1.5	10.6	-3.1	1	0027	-005	2	219	109
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1012.1	1020.5	13.2	-1.9	11.3	-2.1	3	117	33	4	185	123
87311 SAN JUAN AERO	3134S	06852W	598		950.7	1020.9	9.5		5.0		0	0		1	245	100
87320 CHAMICAL AERO	3022S	06617W	461		965.4	1019.4	12.9	-1.2	7.4	-0.6	0	0	-4	1	230	
87322 CHEPES	3120S	06636W	658			1019.7	12.2	-0.9	7.1	-1.4	0	0	-6	1		
87328 VILLA DOLORES AERO	3157S	06508W	569				9.8	-3.0	7.4	.1	0	0	-8	1	222	96
87344 CORDOBA AERO	3119S	06413W	474		965.3	1021.0	11.5	-0.8	6.7	-1.7	0	0	-11	1	211	103
87349 PILLAR OBSERVATORIO	3140S	06353W	338		981.5	1021.8	10.8	-1.2	7.8	-0.6	2	2	-7	2	220	103
87374 PARANA AERO	3147S	06029W	78		1012.2	1021.6	11.7	-0.9	9.7	-1.3	5	86	51	5	212	105
87393 MONTE CASEROS AERO	3016S	05739W	54		1014.7	1021.2	12.9	-1.7	10.7	-2.1	4	85	16	4	208	116
87395 CONCORDIA AERO	3118S	05801W	38		1015.9	1021.1	12.0	-1.7	10.3	-1.9	6	91	18	4	162	
87418 MENDOZA AERO	3250S	06847W	704		938.3	1020.3	9.6	-0.6	5.8	-0.6	0	0	-3	1	250	109
87436 SAN LUIS AERO	3316S	06621W	713			1019.7	11.3	-0.3	5.3	-1.5	01	1	-7	2	230	97
87448 VILLA REYNOLDS AERO	3344S	06523W	486		971.7	1021.7	8.5	-1.4	6.9	-0.5	1	3	-12	1	190	95
87453 RIO CUARTO AERO	3307S	06414W	420		971.0	1021.0	9.8	-1.2	6.9	-0.9		6	-9	2	194	
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1007.9	1021.6	10.1	-1.1	8.4	-1.7	2	31	11	4	196	105
87480 ROSARIO AERO	3255S	06047W	25		1018.1	1021.1	11.0	-0.5	9.4	-1.1	3	40	4	4	194	103
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1018.6	1021.3	11.1	-1.0	9.7	-1.4	7	141	85	5	170	106
87506 MALARGUE AERO	3530S	06935W	1425		860.9	1530 Y	5.2	-0.2	4.0	-1.3	1	4	-12	1	226	
87532 GENERAL PICO AERO	3542S	06345W	145		1010.0	1021.0	8.8	-1.3	7.0	-1.4	2	55	33	2	141	89
87534 LABOULAYE	3408S	06322W	137		1005.1	1021.8	8.7	-1.7	7.9	-0.6	4	18	-1	4	189	94
87544 PEHUAJO AERO	3552S	06154W	87		1011.3	1021.9	8.8	-0.8	8.1	-1.2	2	8	-21	2	201	
87548 JUNIN AERO	3433S	06057W	81		1011.5	1021.4	9.7	-0.5	8.3	-1.3	3	21	-13	2	191	103
87550 NUEVE DE JULIO	3527S	06053W	76		1011.8	1021.1	9.7	-0.9	8.6	-1.2	3	23	-21	3		

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
87576 EZEIZA AERO	3449S	05832W	20		1019.4	1021.9			9.4	-.6	4	23	-35	6	138	101
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1021.0	1021.7	11.6	-.6	10.5	-.4	5	26	-40	2	171	101
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1018.7	1021.8	11.6	-.7	9.7	-.9	5	28	-41	2	161	93
87593 LA PLATA AERO	3458S	05754W	19		1011.8	1014.0	8.8	-1.6	9.9	-.6	7	35	-30	2	168	104
87596 PUNTA INDIO B.A.	3522S	05717W	22		1019.1	1021.8	9.5	-.9	9.9	-.8	7	63	-3	3	160	92
87623 SANTA ROSA AERO	3634S	06416W	191		998.5	1021.8	8.0	-1.3	6.8	-1.1	3	17	-6	4	195	109
87641 AZUL AERO	3650S	05953W	147		1012.4	1022.0	7.5		7.9		4	30		2	183	105
87645 TANDIL AERO	3714S	05915W	175		1005.8	1021.8	6.8		7.5		3	169		2	177	100
87648 DOLORES AERO	3621S	05744W	9		1020.7	1021.8	9.0	-.4	9.2	-.6	4	36	-18	2	131	83
87679 PIGUE AERO	3736S	06223W	304			1021.0	8.2	.4	7.0	-.7	3	33	10	4		
87688 TRES ARROYOS	3820S	06015W	115		1006.8	1020.9	8.2		7.6		5	35		3	160	95
87692 MAR DEL PLATA AERO	3756S	05735W	21		1019.0	1021.6	7.9	-1.0	8.4	-.9	9	78	14	4	123	95
87715 NEUQUEN AERO	3857S	06808W	271		988.4	1021.3	8.2	.2	5.0	-.9	1	0010	-001	1	197	106
87750 BAHIA BLANCA AERO	3844S	06210W	83		1011.1	1021.3	9.0	-1	7.5	-.2	3	21	-6	3	194	114
87765 BARILOCHE AERO	4109S	07110W	840		923.1	1503 Y	3.0	.0	5.7	-5.9	9	97	-18	2	158	102
87774 MAQUINCHAO	4115S	06844W	888		916.8	1498 Y	5.8	2.6	5.1	.2						
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1017.4	1019.9	9.0	-.8	6.4	-.7	2	57	38	1	186	
87791 VIEDMA AERO	4051S	06301W	7		1019.4	1020.2	7.8		6.8		4	8		2	202	110
87800 EL BOLSON AERO	4158S	07131W	337		979.4	1020.5	5.4		6.7		11	134			138	
87814 PASO DE INDIOS	4349S	06853W	460		959.9	1015.1	7.2		5.7		1	50		2	106	70
87823 P. MADRYN AERO	4244S	06504W	136		1001.2	1017.7	8.0		6.4		3	14			173	
87828 TRELEW AERO	4312S	06516W	43		1012.6	1017.9	8.2	.4	5.9	.1	5	12	-1	3	202	117
87852 PERITO MORENO AERO	4631S	07101W	429		961.2	1012.9	4.8				8	46			153	
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46		1009.1	1014.7	8.9	1.2	5.6	-.1	4	23	-2	4	170	125
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		966.5	1009.8	5.4		5.3		4	11			156	
87896 PUERTO DESEADO AERO	4744S	06555W	80		1003.0	1012.9	6.1	1.0	6.6	.3	4	11	-4	3	123	
87909 SAN JULIAN AERO	4919S	06745W	62		1003.4	1011.0	5.9		6.2		3	19		4	146	
87925 RIO GALLEGOS AERO	5137S	06917W	19		1005.4	1007.8	4.2	1.2	5.8	.1	3	11	0	3	148	
87938 USHUAIA AERO	5448S	06819W	14		995.0	1002.0	3.8	1.6	5.8	.0	1	32	-13	1	127	159
ANTARCTICA																
ARGENTINA (ANTARCTIC)																
88963 BASE ESPERANZA	6324S	05659W	13		1015.2	1018.2	-5.4	5.1	4.0		12	85	13	1	21	
88968 BASE ORCADAS	6045S	04443W	4		991.5	993.0	-3.2	5.4	4.7		15	160	109	6	32	115
89053 BASE JUBANY	6214S	05838W	4		988.0	989.3	-1.6		4.9		6	18			10	
89055 BASE MARAMBIO (CENTRO MET. A)	6414S	05643W	198		959.8	984.6	-10.2		2.7		7	28			29	
89066 BASE SAN MARTIN	6808S	06708W	4		979.1	980.0	-5.9		2.9		12				59	
UNITED KINGDOM (ANTARCTIC)																
89022 HALLEY	7530S	02639W	30		976.6	980.7	-26.9		.7						6	
89062 ROTHERA POINT	6734S	06808W	16		975.0	979.1	-6.9		3.1						18	
UKRAINE (ANTARCTIC)																
89063 VERNADSKY	6515S	06416W	11		981.2	982.6	-2.9		4.5		29	108		6	499	
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		986.9	988.7			5.0		13	44	44		24	

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		964.1	979.4			.9		5	45	44		4	
89592 MIRNYJ	6633S	09301E	30		972.0	977.8	-17.5		1.2		12	75	71	1		
GERMANY (ANTARCTIC)																
89002 NEUMAYER	7040S	00815W	50		974.8	980.1	-20.8		1.1						43	
ARGENTINA (ANTARCTIC)																
89034 BASE BELGRANO II	7752S	03437W	256		876.6	980.9	-19.1		.9		11	44			4	
URUGUAY (ANTARCTIC)																
89054 DINAMET-URUGUAY	6211S	05851W	17		986.3	988.1	-2.0		4.9		8	32		0	15	
CHILE (ANTARCTIC)																
89056 CENTRO MET. ANTARTICO ' ' PDTE. ED	6211S	05859W	48		983.6	989.2	-2.0		5.0	1.9	7	33		1	1	
89057 BASE ARTURO PRAT	6230S	05941W	5		987.6	988.2	-2.1	4.6	4.9	1.8	7	55	-6	3	22	
89059 BASE BERNARDO O' HIGGINS	6319S	05641W	10		984.2	985.6	-3.8	4.6	4.2	1.6	13	122	55	5	21	
JAPAN (ANTARCTIC)																
89532 SYOWA	6900S	03935E	21		978.4	981.1	-16.8	2.9	1.4	.4					57	
AUSTRALIA (ANTARCTIC)																
89564 MAWSON	6736S	06252E	16		981.0	983.1	-19.3		.8						97	
89571 DAVIS	6834S	07757E	13		977.6	980.7	-18.3		.9		1	9	5	5	42	
89611 CASEY	6617S	11031E	42		967.6	973.1	-14.2		1.7		3	16				
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48601 PENANG/BAYAN LEPAS	0518N	10016E	4		1009.4	1009.7	27.8	1.0	30.2	.3	15	418	176	5		
48615 KOTA BHARU	0610N	10217E	5		1008.7	1009.3	27.8	.9	30.5	1.2	12	126	-46	2		
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22		1007.0	1009.5	28.3	1.7	29.5	.9	8	175	30	4		
48657 KUANTAN	0337N	10313E	16		1007.8	1009.6	27.7	1.4	31.5	2.4	8	166	-7	3		
48665 MALACCA	0216N	10215E	9		1008.7	1009.6	27.9	1.5	30.2	.6	8	107	-57	1		
SINGAPORE																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1008.1	1009.9	28.2	1.2	31.7	2.0	15	194	51	4	188	104
USA (PACIFIC OCEAN NORTH)																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1017.1	26.7	.3	25.4		7	22	-22	1		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1016.3	28.5	1.1	23.1		0	9999	-011	1		
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1016.7	25.3	.7	24.3		29	211	-26	2		
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1009.6	27.9	.5	31.9		20	291	-58	2		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1010.7	27.1	.1	31.3		26	272	-147	1		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1010.3	28.8	.9	32.5		20	265	9	3		
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3			1009.8	28.4	1.0	31.0		16	152	-140	1		
91408 KOROR, PALAU IS.	0720N	13429E	33			1009.9	27.9	.4	30.8		19	341	-38	2		
91413 YAP, CAROLINE IS.	0929N	13805E	16			1009.5	27.7	.6	30.5		20	264	-122	2		

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
NEW CALEDONIA																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1014.6	1016.7	19.5	-.6	14.9		2	5	-38	1	259	113
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1008.4	1016.8	19.5	-.2	15.6		6	31	-39	1	234	116
TUVALU (NEW ZEALAND)																
91643 FUNAFUTI	0831S	17913E	2		1010.4	1010.6	28.0		31.4		17	222		3	218	105
FIJI																
91650 ROTUMA	1230S	17703E	26			1012.0	26.4		27.3		13	321		5	224	105
91680 NANDI	1745S	17727E	25			1013.6	22.0	-1.6	20.5		6	98	39	5	204	88
91683 NAUSORI	1803S	17834E	7			1014.0	21.6		21.6		11	84		2		
91699 ONO-I-LAU	2040S	17843W	28			1014.2	21.9		18.4		7	36		1		
NEW CALEDONIA (DETACHED IS.)																
91753 HIHIFO (ILE WALLIS)	1314S	17610W	27		1008.4	1011.5	26.0		27.7		12	133		3	178	70
SAMOA (USA)																
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3		1011.4	1011.7	26.3		29.6		20	172		3	120	71
COOK ISLANDS (NEW ZEALAND)																
91843 RAROTONGA	2112S	15949W	7		1013.8	1014.6	22.6		22.4		11	139		4	179	
FRENCH POLY. (MARQUESAS)																
91925 ATUONA	0948S	13902W	52		1007.0	1012.8	25.4		26.3		16	111	-1	3	168	77
FRENCH POLY. (SOCIETY IS)																
91929 BORA-BORA	1626S	15145W	3		1013.5	1013.9	26.8		27.2		8	159		6		
91938 TAHITI-FAAA	1733S	14937W	2		1014.1	1014.4	25.8		25.1		3	8	-40	1	240	96
FRENCH POLY. (TUAMOTU IS)																
91943 TAKAROA	1429S	14502W	3		1014.0	1014.3	26.9		27.4		5	26	-41	1	279	115
91948 RIKITEA	2308S	13458W	89		1006.7	1016.9	21.6		21.7		10	99	-96		157	93
FRENCH POLY. (AUSTRAL IS)																
91954 TUBUAI	2321S	14929W	3		1014.8	1015.1	21.5		21.9		9	160	12	3	151	82
91958 RAPA	2737S	14420W	2		1014.1	1014.4	19.5		17.9		16	242		3	111	85
PAPUA NEW GUINEA																
92001 KIUNGA W.O.	0605S	14111E	35		1011.9	1012.9			25.2		6	19			168	
92014 MADANG W.O.	0513S	14548E	5		1009.5	1010.1			29.7		12	116		3	219	100
92044 MOMOTE W.O.	0204S	14726E	5		1009.4	1010.0			29.5		24	520		4	180	90
92047 NADZAB W.O.	0623S	14643E	70		1003.0	1011.0			28.1		15	135		0	137	90
92076 KAVIENG W.O.	0234S	15049E	4		1009.5	1010.0			3.0		23	244			171	
92077 GURNEY W.O.	1019S	15020E	23		1010.9	1013.6			24.8		6	100			152	
92087 MISIMA W.O.	1041S	15250E	7		1012.2	1013.6			25.8		4	8			205	
NEW ZEALAND																
93012 KAITAIA	3506S	17316E	54				12.1		11.6		13	104	-47	2	143	85
93292 GISBORNE AERODROME AWS	3839S	17759E	5			1016.1	10.3	.2	10.2							

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
93309 NEW PLYMOUTH AWS	3901S	17411E	32			1015.4	10.8		10.1		10	83		2		
93417 PARAPARAUMU AERODROME	4054S	17459E	12			1016.0	10.0	.7	10.3		5	35	-61	1	150	110
93615 HOKITIKA AERODROME AWS	4243S	17059E	40			1016.1	8.3		8.8		11	189		1		
93678 KAIKOURA	4225S	17342E	101			1016.4	8.0		7.8		9	122		5		
93780 CHRISTCHURCH	4329S	17233E	30			1016.4	6.7		8.0		7	30		2	144	95
93844 INVERCARGILL AERODROME	4625S	16819E	4			1015.2	6.5	.1	7.8							
93947 CAMPBELL ISLAND AWS	5233S	16909E	19			1011.0	5.9		7.6		15	37		0		
93987 CHATHAM ISLANDS AWS	4357S	17634W	49			1019.4	8.1		9.8		6	21		0		
93994 RAOUL ISLAND KERMADEC IS.	2915S	17755W	49			1013.0	15.8		14.4		20	151		4		
AUSTRALIA																
94120 DARWIN AIRPORT	1225S	13053E	31		1009.0	1013.0	25.9		20.7		0	0	-7	1	309	98
94150 GOVE AIRPORT	1217S	13649E	54		1007.4	1013.5	23.9		21.8		1	2		3	298	100
94203 BROOME AIRPORT	1757S	12214E	7		1013.1	1014.1	22.0		15.5		2	5	4	5	325	
94212 HALLS CREEK AMO	1814S	12740E	424		966.1	1014.3	22.6		8.8		0	0	-2	1		
94238 TENNANT CREEK MET OFFICE	1938S	13411E	375		972.6	1015.8	20.9		8.3		1	18	16	6	305	95
94287 CAIRNS AERO	1653S	14545E	3		1015.9	1016.8	22.1		19.0		4	13	-9	3	228	92
94294 TOWNSVILLE AERO	1915S	14645E	9		1016.6	1017.7	21.4		17.9		2	7	-6	3	299	107
94299 WILLIS ISLAND	1618S	14959E	6		1015.1	1016.1	23.7		20.0		2	7	-23	2		
94312 PORT HEDLAND AIRPORT	2022S	11838E	9		1013.9	1014.9	20.5		12.2		1	4	0	5		
94326 ALICE SPRINGS AERO	2348S	13353E	546		954.4	1018.0	15.6		6.5		0	0	-11	1	320	108
94332 MT ISA AERO	2041S	13929E	340		977.2	1016.7	19.7		8.2		2	16	12	5	307	96
94346 LONGREACH AIRPORT	2326S	14417E	192		995.3	1018.0	19.3		8.3		2	6	-8	3		
94367 MACKAY MO	2107S	14913E	30		1015.0	1018.8	18.8		17.5		4	18	-11	3	267	95
94374 ROCKHAMPTON AERO	2323S	15029E	14		1017.7	1019.3	18.2		13.4		2	20	-9	3		
94403 GERALDTON AIRPORT	2848S	11442E	33		1013.7	1017.9	13.6		12.1		12	95	29	5		
94430 MEEKATHARRA AIRPORT	2637S	11833E	517		956.9	1017.1	14.6		7.1		4	13	1	4		
94461 GILES	2502S	12817E	598		947.9	1016.8	16.6		6.2		2	12	2	4	284	95
94610 PERTH AIRPORT	3156S	11559E	31		1015.1	1017.5	12.5		10.8		13	121	10	4	210	
94647 EUCLA	3141S	12853E	102		1004.6	1016.9	12.6		9.9		11	42		4		
94653 CEDUNA AIRPORT	3208S	13342E	16		1015.6	1017.5	12.2		9.4		11	54	20	5	203	89
94693 MILDURA AIRPORT	3414S	14205E	52		1012.0	1018.4	10.3		8.3		7	55	27	5	223	105
94711 COBAR	3129S	14550E	264		988.1	1019.6	11.6		8.2		5	64	32	5	260	107
94767 SYDNEY AIRPORT	3356S	15110E	5		1017.9	1018.5	13.9		9.2		4	43	-47	3	244	101
94776 WILLIAMTOWN AERODROME	3248S	15150E	8		1018.2	1019.3	12.2		9.6		7	53	-17	3	221	97
94791 COFFS HARBOUR MO	3019S	15307E	5		1018.4	1019.2	15.0		11.0		2	8	-58	1	245	98
94802 ALBANY AIRPORT	3456S	11748E	69		1007.4	1015.8	11.1		10.5		16	148	44	5	186	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1007.3	1015.6	8.9		9.0		16	94	4	4	169	109
94866 MELBOURNE AIRPORT	3740S	14451E	132		1002.3	1016.7	9.2		8.4		10	49	-2	3	166	
94907 EAST SALE AIRPORT	3806S	14708E	8		1015.2	1016.2	8.7		7.8		8	54	5	3	193	114
94910 WAGGA AIRPORT	3510S	14727E	213		993.4	1019.3	8.6		8.7		9	67	9	3	182	100
94926 GANBERRA AMO	3518S	14912E	580		950.2	1019.2	6.9		7.4		9	67	16	5	200	100
94968 LAUNCESTON AIRPORT	4132S	14712E	178		991.7	1013.3	7.5		8.5		14	97	19	4	157	96
94975 HOBART AIRPORT	4250S	14729E	27		1007.6	1011.0	9.6		7.9		10	88	41	5	185	111
AUSTRALIA (ADDITIONAL IS.)																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1017.3	1018.1	16.0		12.2		15	81	-59	3		
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1002.3	1016.1	15.0		12.0		19	141	26	4	246	124
94998 MACQUARIE ISLAND	5429S	15856E	6		1000.1	1001.1	4.3		7.6		12	60	-2	4	44	102

SURFACE

AUGUST 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
BRUNEI DARUSSALAM																
96315 BRUNEI AIRPORT	0456N	11456E	15		1007.5	1009.4	28.0		30.6	.7	9	287	89	0	230	106
MALAYSIA (SABAH & SARAWAK)																
96413 KUCHING	0129N	11020E	27		1007.6	1010.2	27.0		28.9		15	175		2		
96421 SIBU	0220N	11150E	8		1006.5	1010.1	27.0		29.1		15	129		1	188	100
96441 BINTULU	0312N	11302E	5		1007.0	1009.7	27.3	.5	29.7		14	258	-32	3	195	100
96449 MIRI	0420N	11359E	18		1007.6	1009.5	27.7	.8	31.0		11	233	32	4		
96465 LABUAN	0518N	11515E	30		1006.2	1009.5	28.4		29.9	-.6	16	235		2	239	105
96471 KOTA KINABALU	0556N	11603E	3		1009.3	1009.6	27.7		29.0		14	215		2		
96481 TAWAU	0416N	11753E	20		1007.4	1009.3	26.3		29.1		8	158	-43	2	249	110
96491 SANDAKAN	0554N	11804E	13		1008.2	1009.4	28.0	.8	30.6		15	225		3	263	115
INDONESIA (KALIMANTAN)																
96509 TARAKAN/JUWATA	0320N	11734E	6			1009.9	26.6		30.9		14	279				
96633 BALIKPAPAN/SEPINGGAN	0116S	11654E	3		1009.5	1010.2	27.5		31.2		14	405		5	142	90
INDONESIA (JAWA)																
96805 CILACAP	0744S	10901E	6			1012.5	25.1		25.9		1	1			276	115
AUSTRALIA (OCEAN ISLANDS)																
96996 COCOS ISLAND AERO	1211S	09649E	3		1012.9	1013.4	25.7		25.0		16	125	7	4		
INDONESIA (SULAWESI)																
97014 MENADO/DR. SAM RATULANGI	0132N	12455E	80		1000.9	1010.2	26.7		24.8		12	211		4	200	95
97180 UJUNG PANDANG/HASANUDDIN	0504S	11933E	14		1007.9	1009.7	26.7		23.5		1	14		0	259	80
INDONESIA (NUSATENGARA)																
97260 SUMBAWA BESAR/SUMBAWA BESAR	0826S	11725E	3		1010.3	1011.0	26.4		23.4		0	0		0	301	125
INDONESIA (MALUKU/IRIAN JAYA)																
97900 SAUMLAKI	0759S	13118E	24		1009.5	1012.5	26.2		26.5		4	14			270	115
97980 MERAUKE/MOPAH	0828S	14023E	3			1011.3	25.3		24.1		1	12		2	161	125

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
OVERDUE MARCH 2003	0°	0°	m		mb	mb	° C	° C	mb	mb		mm	mm		hr	
N AMERICA																
HAITI 78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	14		1011.6	1013.3	28.3	4.6	25.5		5	139	93	4		
APRIL 2003																
N AMERICA																
HAITI 78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	14		1011.2	1012.9	27.8	3.0	26.8		11	121	68	3		
MAY 2003																
N AMERICA																
HAITI 78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	14		1012.4	1014.1	29.5	3.4	27.6		8	77	-21	1		
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA) 48674 MERSING	0227N	10350E	45		1004.3	1009.2	27.6	.9	32.4	2.2	11	132	-13	3		

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°	° C	mb	mb		mm	mm		hr	
JUNE 2003																
EUROPE																
IRELAND																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1008.6	1012.2	13.8	.4	12.9	.0	16	155	75	6	180	115
03969 DUBLIN AIRPORT	5326N	00615W	85		1002.7	1012.9	13.9	.6	12.3	.3	9	87	31	5	189	105
ASIA																
THAILAND																
48431 NAKHON RATCHASIMA	1458N	10205E	188		985.4	1006.2	29.4	1.0	29.1	.7	8	180	75	5		
N AMERICA																
COLOMBIA																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1011.7	1011.8	28.2	.3	33.2	1.8	12	126	-98	3	174	98
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				28.3	.4	31.5	.1	15	135	-89	2	180	102
S AMERICA																
COLOMBIA																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1010.1	1011.0	29.2	.4	30.6	1.1	7	63	3	4	179	80
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1009.7	1009.9	28.2	.0	32.3	1.6	12	207	92	3	150	77
80028 BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30		1008.6	1010.3	29.3	1.2	31.8	1.3	11	120	16	4	150	79
80084 APARTADO/LOS CEDROS	0748N	07642W	20				27.0	-1.1	30.2	-.3	15	225	121	2	106	56
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				27.6	-.3	29.5	.6	16	523	301	4	157	90
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		882.4		21.4		21.5		13	92	3	3	154	110
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		975.6	1010.2	27.5	-.4	25.2	1.9	8	104	67	3		
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		992.5	1010.5	25.6	-.1	29.2	1.3	12	144	-144	3	153	117
80112 RIONEGRO/J.M.CORDOVA	0608N	07526W	2142		791.1						21	363	75	2	152	116
80139 PUERTO CARRENO/A.GUAUQUEA	0610N	06730W	55				27.0	.6	28.4	1.4	20	307	-146	3	121	110
80144 QUIBDO/EL CARANO	0543N	07637W	53				26.5	.0	29.2	-.7	24	759	5	1	103	92
80210 PEREIRA/MATECANA	0449N	07544W	1342		865.8		21.6	.2	19.9	.3	18	311	140	2	135	89
80214 IBAGUE/PERALES	0426N	07509W	928				23.5	-.4	22.8	.7	13	203	83	2	158	90
80222 BOGOTA/ELDORADO	0442N	07408W	2546		752.9		12.9	-.6	11.7	-.5	13	62	5	1	99	89
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		961.3	1010.0	24.7	.6	25.5	.7	25	694	187	0	119	118
80241 LAS GAVIOTAS	0433N	07055W	167		990.8	1010.1	25.0	.4	27.7	.4	26	508	59	1	118	116
80259 CALI/ALFONSO BONILLAARAGON	0333N	07623W	969		906.2		23.0		22.4		8	67	11	3	138	90
80315 NEIVA/BENITO SALAS	0258N	07518W	443		958.4	1006.8	28.0	.4	24.2	1.6	5	33	-17	2	160	95
80370 IPIALES/SAN LUIS	0049N	07738W	2961				10.9	.5	10.7	-.1	11	56	-6	1	110	89
80398 LETICIA/VASQUEZ COBO	0433S	06932W	84		1002.6	1012.2	25.5	.4	28.8	.9	20	241	40	0	168	113

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
SW PACIFIC	°	°	m		mb	mb	°	° C	mb	mb		mm	mm		hr	
MALAYSIA (PENIN. MALAYSIA)																
48674 MERSING	0227N	10350E	45		1004.5	1009.4	27.4	1.1	30.8	1.2	5	22	-119	0		
JULY 2003																
EUROPE																
IRELAND																
03962 SHANNON AIRPORT	5242N	00855W	20		1010.6	1012.9	16.6	1.1	15.0	.9	17	77	20	4	89	60
03969 DUBLIN AIRPORT	5326N	00615W	85		1002.6	1012.8	16.2	1.2	14.4	.9	11	48	-2	3	132	80
03976 BELMULLET	5414N	01000W	10		1010.5	1011.7	15.2	1.1	15.1	1.2	20	119	51	5	95	70
ASIA																
INDIA																
42515 CHERRAPUNJI	2515N	09144E	1313		864.4	1458 Y	20.8	.7	22.9		27	2927	-345	3		
42971 BHUBANESWAR	2015N	08550E	46		995.8	1000.8	29.0	.3	34.3		23	345	28	3	82	77
43128 HYDERABAD AIRPORT	1727N	07828E	545		943.7	1003.1	27.0	.0	26.8		17	265	110	5	86	61
43149 VISHAKHAPATNAM	1743N	08314E	3		1001.2	1001.5	29.8	-.1	30.9		13	170	37	4		
43185 MACHILIPATNAM	1612N	08109E	3		1002.5	1002.7	29.1	-.6	31.3		20	155	-16	3	77	
43314 KOZHIKODE	1115N	07547E	5		1007.9	1008.5	26.9	.9	30.9		26	577	-193	2		
43369 MINICOY	0818N	07309E	2		1008.5	1008.7	28.1	.3	32.6		19	257	27	3	125	72
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1001.5	1008.7	27.1	.6	29.5		13	112	-63	1	120	81
AFRICA																
TUNISIA																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1014.3	1014.8	30.5	4.2	24.1		1	2	-1	4	347	97
60725 JENDOUBA	3629N	00848E	144		999.1	1015.0	30.7	3.7	18.3		01	1	-4	4	286	82
60735 KAIROUAN	3540N	01006E	68		1007.3	1015.1	33.2	4.7	17.8		01	1	-5	3	353	98
SOUTH AFRICA																
68461 BETHLEHEM	2825S	02833E	1690		837.9	1582 Y	7.7		5.1		0	0		3	291	
N AMERICA																
COLOMBIA																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1012.7	1012.8	28.1	.3	33.0	1.9	19	208	4	1	218	118
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				28.4	.6	31.6	.5	15	111	-93	0	238	129

SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
S AMERICA	°	°	m		mb	mb	°	° C	mb	mb		mm	mm		hr	
COLOMBIA																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1009.6	1010.1	29.6	.9	30.6	1.5	6	112	57	4	212	95
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1009.6	1009.8	28.1	.0	32.2	1.8	11	175	81	3	192	89
80028 BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30		1008.6	1010.3	28.4	.3	31.7	1.8	6	62	-8	4	205	96
80084 APARTADO/LOS CEDROS	0748N	07642W	20				27.0	-1.1	30.6	.7	16	200	130	1	107	50
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				28.1	-.1	28.7	.4	14	275	98	2	198	91
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		882.5		21.6		21.4		17	115	26	2	156	90
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		976.1	1010.6	28.3	.4	23.2	.5	9	25	-7	2	225	113
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		992.3	1006.3	26.6	1.1	28.9	1.0	18	198	-72	0	172	119
80112 RIONEGRO/J.M.CORDOVA	0608N	07526W	2142		791.2						12	90	-180	2	227	158
80139 PUERTO CARRENO/A.GUAUQUEA	0610N	06730W	55				26.4	.2	27.3	.8	25	895	453	0	111	79
80144 QUIBDO/EL CARANO	0543N	07637W	53				26.9	.3	29.9	.1	29	1086	316	0	127	92
80210 PEREIRA/MATECANA	0449N	07544W	1342		865.4		22.5	.7	19.9	.9	13	101	-23	1	181	97
80214 IBAGUE/PERALES	0426N	07509W	928				24.7	.2	20.6	.5	4	44	-28	4	187	95
80222 BOGOTA/ELDORADO	0442N	07408W	2546		753.2		13.1	.0	11.2	-.4	8	31	-10	2	128	90
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		962.6	1012.2	24.1	.2	24.7	.5	24	307	-97	2	97	88
80241 LAS GAVIOTAS	0433N	07055W	167		992.0	1011.4	24.3	-.1	26.8	.1	18	206	-120	1	102	86
80259 CALI/ALFONSO BONILLARAGON	0333N	07623W	969		905.6		23.7		22.3		6	33	5	4	166	90
80315 NEIVA/BENITO SALAS	0258N	07518W	443		959.1	1007.5	28.7	.5	21.6	1.3	2	6	-38	4	165	94
80370 IPIALES/SAN LUIS	0049N	07738W	2961				10.2	.4	10.0	-.2	9	66	18	1	138	105
80398 LETICIA/VASQUEZ COBO	0433S	06932W	84		1003.5	1013.9	25.0	.0	29.0	1.8	7	45	-127	3	156	81

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - NORWAY JAN MAYEN 01001 AUG 2003 7056N 00840W OB 3									EUROPE - NORWAY BJORNOYA 01028 AUG 2003 7431N 01901E OB 3									EUROPE - NORWAY BODO 01152 AUG 2003 6715N 01424E OB 3								
030	24348	0	-47.9	33.0	0	45	96	2	030	24539	0	-43.1	35.2	0	75	100	3	030	24332	0	-48.1	32.4	0	56	63	2
050	20981	0	-47.7	33.2	0	14	213	1	050	21113	0	-44.6	34.3	0	62	173	2	050	20975	0	-48.5	32.3	0	34	24	1
100	16401	0	-47.1	33.1	0	43	272	4	100	16487	0	-45.4	33.9	0	88	243	6	100	16411	0	-47.9	32.1	0	49	288	3
150	13719	0	-46.9	33.0	0	45	282	5	150	13782	0	-45.0	34.0	0	90	244	10	150	13733	0	-47.3	30.9	0	54	276	5
200	11819	0	-49.1	26.1	0	46	288	8	200	11857	0	-44.6	31.8	0	87	242	14	200	11832	0	-48.2	25.3	0	55	283	7
300	9171	0	-45.4	10.0	0	41	293	9	300	9174	0	-45.0	12.6	0	78	238	20	300	9183	0	-46.3	8.6	0	43	274	7
500	5574	0	-19.6	10.3	0	37	276	5	500	5579	0	-19.7	11.4	0	74	235	12	500	5593	0	-19.7	8.6	0	37	289	4
700	2997	0	-4.1	11.0	0	39	232	4	700	3001	0	-3.9	11.0	0	65	235	7	700	3013	0	-4.1	6.2	0	25	319	2
850	1444	0	3.2	7.5	0	36	208	3	850	1448	0	3.0	8.6	0	44	240	4	850	1456	0	4.6	3.9	0	22	245	2
1014	* 9		7.1	1.8					1013	* 18		5.1	1.6					1009	* 33		13.3	3.7				
EUROPE - NORWAY ORLAND 01241 AUG 2003 6342N 00936E OB 3									EUROPE - NORWAY STAVANGER/SOLA 01415 AUG 2003 5852N 00540E OB 3									EUROPE - SWEDEN SUNDSVALL-HARNOSAND FPL 02365 AUG 2003 6232N 01727E OB 3								
030	24307	2	-48.7	30.4	2	55	85	2	030	24295	1	-49.5	28.7	1	53	69	2	030	24307	18	-48.7	31.9	9	52	103	2
050	20970	1	-49.6	29.8	1	34	12	1	050	20966	1	-51.1	28.3	1	44	329	2	050	20970	9	-49.6	32.2	9	15	22	1
100	16433	1	-49.0	29.4	1	69	289	5	100	16470	1	-51.5	26.7	1	78	285	7	100	16423	2	-49.2	31.0	2	69	287	4
150	13768	1	-48.4	27.2	1	69	287	9	150	13837	1	-51.2	24.7	1	80	288	13	150	13766	0	-48.2	30.6	0	67	288	7
200	11877	1	-49.1	20.6	1	63	288	11	200	11973	1	-52.7	17.7	1	80	288	19	200	11871	0	-49.1	24.0	0	58	293	9
300	9217	1	-44.9	9.2	1	51	287	10	300	9316	0	-42.5	10.7	0	73	289	18	300	9209	0	-45.0	10.2	0	40	296	8
500	5613	1	-19.1	9.2	1	52	291	6	500	5672	0	-16.6	10.8	0	69	291	10	500	5603	0	-18.8	10.2	0	38	303	4
700	3029	1	-3.4	6.0	1	49	292	5	700	3063	0	-1.0	9.7	0	62	291	7	700	3013	0	-2.9	6.3	0	25	307	2
850	1468	1	5.4	4.3	1	57	293	4	850	1490	0	7.3	6.9	0	49	298	4	850	1448	0	5.9	3.6	0	31	341	2
1013	* 10		14.4	4.2					1011	* 14		15.8	3.7					1010	* 6		15.5	2.9				
EUROPE - SWEDEN GOTEBOURG/LANDVETTER 02527 AUG 2003 5740N 01218E OB 3									EUROPE - FINLAND SODANKYLA 02836 AUG 2003 6722N 02639E OB 3									EUROPE - FINLAND JYVASKYLA 02935 AUG 2003 6224N 02541E OB 3								
030	24301	27	-49.4	28.8	9	92	66	5	030	24326	0	-47.9	33.8	0	66	89	3	030	24302	1	-48.3	32.7	1	61	82	2
050	20956	17	-51.4	28.6	9	45	358	2	050	20964	0	-48.6	33.5	0	21	131	1	050	20960	0	-49.4	32.6	0	6	300	0
100	16455	8	-51.8	28.2	9	80	295	7	100	16400	0	-47.9	33.6	0	50	249	2	100	16417	0	-48.9	33.1	0	55	276	3
150	13833	7	-51.0	26.0	7	82	294	13	150	13723	0	-47.2	33.5	0	61	256	4	150	13752	0	-47.9	33.4	0	53	279	5
200	11969	7	-53.0	16.9	7	82	296	18	200	11820	0	-47.6	30.0	0	51	254	5	200	11855	0	-48.3	28.0	0	39	280	5
300	9311	7	-42.5	9.6	7	79	294	19	300	9166	0	-46.3	9.0	0	42	257	6	300	9190	0	-45.5	8.8	0	22	263	4
500	5664	7	-16.7	11.0	7	79	294	12	500	5576	0	-19.5	10.1	0	36	271	3	500	5589	0	-18.8	10.7	0	17	290	2
700	3058	7	-1.1	9.3	8	75	298	7	700	2995	0	-3.5	6.1	0	32	331	2	700	2998	0	-2.6	6.2	0	31	337	3
850	1479	7	7.8	6.1	9	59	302	5	850	1436	0	4.7	2.4	0	39	19	3	850	1433	0	5.7	2.8	0	34	353	3
1000	* 155		19.5	.9					990	* 179		12.1	3.7					993	* 145		14.4	3.5				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - FINLAND JOKIOINEN 02963 AUG 2003 6049N 02330E OB 3									EUROPE - UNITED KINGDOM LERWICK 03005 AUG 2003 6008N 00111W OB 3									EUROPE - UNITED KINGDOM CAMBORNE 03808 AUG 2003 5013N 00519W OB 3								
030	24301	1	-48.5	29.3	1	62	112	3	030	24309	0	-49.4		0	56	75	3	030	24287	0	-50.2		0	62	94	4
050	20959	0	-50.0	29.0	0	14	43	1	050	20979	0	-50.7		0	11	341	1	050	20983	0	-53.7		0	47	134	2
100	16426	0	-49.2	29.2	0	70	278	4	100	16472	0	-50.9		0	65	276	6	100	16559	0	-56.6		0	89	242	7
150	13764	0	-48.1	28.2	0	63	284	6	150	13834	0	-50.5		0	69	275	11	150	13991	0	-56.5		0	82	246	10
200	11868	0	-48.5	22.1	0	52	291	8	200	11961	0	-51.7		0	68	277	16	200	12166	0	-56.5		0	71	248	10
300	9209	0	-45.0	9.6	0	27	292	5	300	9298	0	-42.9		0	65	273	16	300	9505	0	-39.1	12.5	0	64	241	9
500	5599	0	-18.3	9.8	0	28	292	3	500	5664	0	-16.9	11.4	0	60	271	9	500	5798	0	-12.0	17.0	0	71	232	8
700	3005	0	-2.4	6.8	0	31	327	3	700	3058	0	-1.4	10.9	0	52	271	6	700	3142	0	4.2	15.7	0	69	231	6
850	1438	0	6.2	3.1	0	34	340	3	850	1489	0	5.9	5.2	0	45	273	5	850	1538	0	11.9	11.9	0	29	232	2
997	* 103		15.1	4.3					1007	* 84		13.8	2.6					1009	* 88		17.6	3.1				
EUROPE - IRELAND VALENTIA OBSERVATORY 03953 AUG 2003 5156N 01015W OB 3									EUROPE - ICELAND KEFLAVIKURFLUGVOLLUR 04018 AUG 2003 6358N 02236W OB 3									EUROPE - DENMARK & FAROE IS. THORSHAVN 06011 AUG 2003 6201N 00646W OB 3								
030	24293	0	-50.1	33.0	0	47	104	2	030	24332	2	-48.9	34.2	3	55	95	2	030	24330	0	-49.1	33.8	0	59	77	2
050	20983	0	-52.8	32.2	0	31	152	1	050	20984	0	-49.1	33.8	0	36	195	2	050	20989	0	-50.0	33.4	0	9	278	1
100	16536	0	-55.1	30.6	0	74	240	7	100	16441	0	-49.4	33.5	0	59	248	4	100	16461	0	-50.0	33.3	0	52	269	5
150	13949	0	-55.1	26.8	0	69	240	11	150	13784	0	-49.0	31.2	0	59	257	6	150	13810	0	-49.6	31.7	0	57	272	9
200	12121	0	-56.7	13.4	0	61	244	13	200	11899	0	-50.2	23.4	0	49	255	7	200	11931	0	-51.0	22.2	0	56	277	13
300	9462	0	-39.3	11.8	0	56	243	12	300	9236	0	-43.8	11.7	0	26	243	5	300	9269	0	-43.3	11.6	0	45	276	11
500	5761	0	-12.6	16.3	0	57	238	9	500	5613	0	-17.7	12.6	0	21	228	3	500	5639	0	-17.5	11.2	0	44	269	7
700	3116	0	2.6	15.8	0	54	240	6	700	3014	0	-6.9	9.8	0	22	237	2	700	3040	0	-2.0	10.4	0	40	255	5
850	1526	0	8.6	6.9	0	38	225	3	850	1447	0	5.5	5.0	0	31	184	3	850	1474	0	5.2	5.1	0	41	246	4
1016	* 30		16.5	2.7					1008	* 54		12.4	2.7					1009	* 55		12.7	2.1				
EUROPE - BELGIUM UCCLE 06447 AUG 2003 5048N 00421E OB 3									EUROPE - SWITZERLAND PAYERNE 06610 AUG 2003 4649N 00657E OB 3									EUROPE - FRANCE BREST 07110 AUG 2003 4827N 00425W OB 3								
030	24248	4	-49.7	33.4	4	56	86	3	030	24276	0	-50.6		2	81	102	5	030								
050	20980	4	-53.4	31.8	4		172		050	20982	0	-54.7		1	41	82	2	050	20981	2	-54.5		2	29	118	1
100	16566	3	-56.8	29.4	3	85	275	7	100	16593	0	-58.3		0	75	278	5	100	16576	2	-57.4		2	83	242	5
150	14003	2	-56.6	21.9	2	82	273	10	150	14039	0	-57.3		0	74	273	9	150	14016	2	-56.8		2	80	243	8
200	12185	2	-57.0	10.0	2	75	265	12	200	12223	0	-56.9	12.0	0	60	274	9	200	12198	1	-56.7		2	65	236	9
300	9527	2	-39.3	12.3	2	78	265	10	300	9563	0	-38.8	16.0	0	55	271	7	300	9535	1	-38.8		1	68	244	9
500	5818	2	-11.5	13.0	2	84	267	8	500	5844	0	-10.8	21.7	0	62	266	6	500	5819	1	-11.3	16.9	1	75	237	8
700	3156	2	5.4	15.5	2	84	266	8	700	3178	0	6.0	12.2	0	49	255	4	700	3155	1	5.2	12.3	1	71	225	6
850	1543	2	13.8	10.4	2	62	263	4	850	1554	0	17.6	11.9	0	12	175	1	850	1540	1	14.5	10.6	1	46	218	3
1007	* 104		18.4	4.4					961	* 491		22.7	9.0					1006	* 103		16.5	1.2				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - FRANCE NANCY/ESSEY 07180 AUG 2003 4841N 00613E OB 3								EUROPE - FRANCE NIMES/COURBESSAC 07645 AUG 2003 4352N 00424E OB 3								EUROPE - FRANCE AJACCIO 07761 AUG 2003 4155N 00848E OB 3										
030	24287	3	-49.7		3	73	115	4	030	24262	6	-51.0		7	93	97	7	030	24243	7	-51.6		9	87	116	7
050	20979	1	-53.9		1	11	105	1	050	20976	3	-55.4		3	70	76	4	050	20959	4	-55.6		7	38	52	3
100	16574	0	-57.2		0	80	274	6	100	16616	1	-59.2		1	80	273	6	100	16613	3	-60.5		6	50	280	5
150	14014	0	-57.1		0	83	276	10	150	14073	1	-57.6		1	77	270	10	150	14077	2	-58.3		3	63	282	11
200	12201	0	-56.7		0	69	277	10	200	12260	0	-56.0		0	73	276	10	200	12265	1	-56.1		1	63	276	10
300	9542	0	-39.3		0	68	275	9	300	9591	0	-38.2		0	64	263	9	300	9600	1	-38.7		1	56	292	8
500	5831	0	-11.5	17.3	0	75	266	6	500	5865	0	-10.4	17.6	0	59	269	7	500	5875	1	-10.2	20.1	1	61	280	7
700	3170	0	5.1	11.8	0	71	262	5	700	3190	0	7.4	10.6	0	53	277	4	700	3197	0	7.4	10.8	0	50	286	5
850	1554	0	15.4	9.3	0	50	267	3	850	1555	0	19.2	11.5	0	33	304	2	850	1563	0	19.7	14.6	0	70	286	4
993	* 217		28.7	16.7					1009	* 62		24.2	7.3					1015	* 9		30.7	8.6				
EUROPE - SPAIN LA CORUNA 08001 AUG 2003 4322N 00825W OB 3								EUROPE - SPAIN SANTANDER 08023 AUG 2003 4328N 00348W OB 3								EUROPE - SPAIN MADRID/BARAJAS 08221 AUG 2003 4030N 00335W OB 3										
030	24139	20	-51.9	32.1	9	88	105	4	030	24251	14	-50.9		9	95	104	5	030	24225	0	-52.0	33.0	1	93	97	5
050	20878	12	-56.5	30.0	9	72	119	2	050	20960	1	-55.7		1	64	106	2	050	20952	0	-56.6	31.6	0	85	102	3
100	16527	11	-60.1	25.7	9	86	241	4	100	16603	0	-59.6		0	75	242	3	100	16622	0	-61.5	27.9	0	72	240	3
150	13989	9	-58.0	23.2	9	77	248	5	150	14058	0	-57.5		0	88	250	6	150	14095	0	-58.4	23.7	0	87	254	7
200	12170	9	-56.0	13.8	9	59	251	5	200	12233	0	-55.0		0	71	246	6	200	12272	0	-54.7	16.6	0	79	253	7
300	9510	8	-39.5	12.3	9	53	242	5	300	9563	0	-39.0	12.7	0	62	237	5	300	9598	0	-38.2	15.5	0	69	252	5
500	5809	5	-12.0	18.1	5	77	239	5	500	5850	0	-11.3	16.8	0	78	238	4	500	5873	0	-10.4	16.3	0	77	247	4
700	3153	2	5.3	15.5	5	64	240	3	700	3181	0	6.7	12.9	0	75	230	3	700	3195	0	8.0	13.6	0	42	237	2
850	1535	2	15.2	13.3	7	41	229	2	850	1553	0	17.4	13.8	2		107		850	1557	0	20.6	16.8	0	41	202	1
1009	* 67		21.2	4.0					1012	* 59		22.8	3.2					945	* 633		28.5	20.2				
EUROPE - SPAIN MURCIA 08430 AUG 2003 3800N 00110W OB 3								EUROPE - GIBRALTAR GIBRALTAR 08495 AUG 2003 3609N 00520W OB 3								EUROPE - PORTUGAL LAJES/SANTA RITA (ACORES) 08508 AUG 2003 3844N 02704W OB 3										
030	24213	22	-52.7	33.0	9	96	98	5	030	24187	0	-52.9	28.4	0	98	94	11	030	24176							
050	20951	10	-57.2	31.7	9	84	103	3	050	20930	0	-58.1	24.6	0	87	100	7	050	20920							
100	16655	2	-63.7	27.4	4	75	257	3	100	16649	0	-64.7	18.6	0	71	241	6	100	16588	0	-61.5					
150	14150	1	-59.6	24.8	2	85	262	7	150	14155	0	-60.0	17.7	0	89	257	15	150	14078	0	-62.0					
200	12328	1	-53.8	19.1	1	84	262	8	200	12333	0	-53.3	15.6	0	87	257	16	200	12275	0	-57.3					
300	9643	1	-37.6	16.8	1	72	256	5	300	9640	0	-37.1	16.3	0	77	252	11	300	9595	0	-36.8	12.6				
500	5909	1	-9.7	19.6	1	73	249	4	500	5901	0	-9.6	17.9	0	79	240	7	500	5853	0	-9.9	16.3				
700	3218	1	9.6	17.9	1	45	256	3	700	3206	0	10.4	19.0	0	60	223	6	700	3175	0	5.7	12.9				
850	1573	1	20.6	16.5	1	31	142	1	850	1558	0	21.2	19.3	0	32	147	3	850	1561	0	13.1	6.1				
1010	* 62		29.3	10.0					1016	* 4		24.7	6.0					1007	* 113		23.1	6.6				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - PORTUGAL LISBOA/GAGO COUTINHO 08579 AUG 2003 3846N 00908W OB 3									EUROPE - GERMANY SCHLESWIG 10035 AUG 2003 5432N 00933E OB 3									EUROPE - GERMANY GREIFSWALD 10184 AUG 2003 5406N 01324E OB 3								
030	24220	3	-52.3	33.1	9	96	97	5	030	24297	0	-49.6		0	51	84	2	030	24303	0	-49.3		0	45	89	2
050	20950	0	-56.5	31.8	9	82	120	3	050	20979	0	-52.2		0	21	294	1	050	20982	0	-51.9		0	33	290	1
100	16626	0	-62.2	29.9	9	76	249	3	100	16515	0	-54.2	30.8	0	85	285	8	100	16512	0	-53.8	30.6	0	83	292	9
150	14106	0	-58.5	27.5	9	90	260	7	150	13917	0	-54.0	27.4	0	87	286	15	150	13908	0	-53.6	26.2	0	85	294	15
200	12284	0	-54.6	19.8	9	77	268	7	200	12076	0	-55.8	14.8	0	86	290	21	200	12065	0	-55.2	15.7	0	83	296	21
300	9605	0	-37.8	17.5	9	57	264	4	300	9423	0	-40.6	11.1	0	85	289	20	300	9410	0	-40.9	12.0	0	85	294	22
500	5872	0	-9.7	20.8	9	62	235	3	500	5741	0	-13.9	14.5	0	86	285	15	500	5732	0	-13.9	14.1	0	87	292	15
700	3188	0	8.5	18.0	9	50	215	3	700	3104	0	1.8	14.2	0	86	284	10	700	3095	0	1.9	14.9	0	83	288	11
850	1553	0	18.8	18.3	9	19	221	1	850	1515	0	9.5	9.5	0	73	280	6	850	1506	0	9.4	8.3	0	74	287	7
1004	* 105		27.4	10.5					1011	* 48		18.8	5.9					1016	* 6		19.0	5.6				
EUROPE - GERMANY EMDEN-FLUGPLATZ 10200 AUG 2003 5323N 00714E OB									EUROPE - GERMANY BERGEN 10238 AUG 2003 5249N 00956E OB									EUROPE - GERMANY LINDENBERG 10393 AUG 2003 5213N 01407E OB 3								
030	24306	0	-49.7		1	55	85	2	030	24277	0	-50.2		0	36	88	2	030	24287	0	-49.7		0	50	94	2
050	20990	0	-52.6		1	23	273	1	050	20970	0	-53.0		0	24	306	1	050	20973	0	-52.8		0	12	321	1
100	16545	0	-55.1	31.1	1	86	283	8	100	16528	0	-55.3	10.2	0	84	289	8	100	16526	0	-55.1	31.6	0	82	291	9
150	13957	0	-55.1	25.9	1	86	283	14	150	13944	0	-55.1	9.5	0	84	289	14	150	13936	0	-54.8	29.3	0	83	296	15
200	12128	0	-56.7	13.6	1	84	286	18	200	12116	0	-56.5	8.6	0	83	292	19	200	12103	0	-56.5	14.0	0	81	297	20
300	9471	0	-39.9	12.6	1	84	281	18	300	9464	0	-39.8	9.2	0	86	289	18	300	9453	0	-40.5	9.8	0	81	298	19
500	5773	0	-12.9	15.0	1	88	280	14	500	5770	0	-12.9	10.5	0	87	288	14	500	5763	0	-13.2	14.4	0	86	294	14
700	3123	0	3.3	16.5	1	87	278	9	700	3124	0	3.2	10.9	0	86	285	9	700	3118	0	2.8	13.6	0	84	292	10
850	1524	0	11.2	11.9	1	71	277	5	850	1528	0	11.0	7.0	0	78	283	6	850	1522	0	11.0	8.4	0	80	286	7
1017	* 5		19.5	5.9					1009	* 69		19.4	7.9					1003	* 104		21.0	9.6				
EUROPE - GERMANY MEININGEN 10548 AUG 2003 5034N 01023E OB 3									EUROPE - GERMANY STUTTART/SCHNARRENBERG 10739 AUG 2003 4850N 00912E OB 3									EUROPE - GERMANY MUENCHEN-OBERSCHLEISSHEIM 10868 AUG 2003 4815N 01133E OB 3								
030	24283	0	-50.1		0	61	101	3	030	24299	1	-50.0	32.0	1	64	93	4	030	24283	0	-50.2		0	74	111	4
050	20976	0	-53.3		0	12	333	1	050	20993	1	-53.7	30.5	1	9	15	0	050	20981	0	-53.9		0	17	57	1
100	16550	0	-56.5	30.5	0	80	285	8	100	16583	1	-57.4	28.5	1	76	279	7	100	16572	0	-57.4	31.1	0	80	289	7
150	13979	0	-56.5	24.9	0	82	287	12	150	14018	1	-57.2	22.4	1	78	284	11	150	14010	0	-57.0	24.9	0	75	291	11
200	12160	0	-57.3	13.7	0	80	289	16	200	12202	1	-57.3	12.6	1	74	280	12	200	12194	0	-57.4	13.8	0	65	296	11
300	9505	0	-39.8	13.0	0	81	287	15	300	9546	1	-39.3	11.5	1	70	279	10	300	9537	0	-39.5	12.3	0	68	289	10
500	5801	0	-12.0	18.4	0	83	287	11	500	5832	1	-11.1	17.0	1	74	279	8	500	5825	0	-11.5	16.7	0	73	292	8
700	3145	0	4.2	14.7	0	82	280	8	700	3168	1	5.0	11.3	1	79	274	7	700	3165	0	4.6	10.0	0	72	280	7
850	1538	0	13.5	9.4	0	64	278	3	850	1551	1	16.0	10.2	1	67	270	4	850	1549	0	16.2	10.6	0	60	278	3
965	* 453		21.4	10.8					980	* 315		24.8	14.7					962	* 489		22.1	8.2				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND									
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED				
																											hPa	gpm	°C	°C
EUROPE - AUSTRIA WIEN/HOHE WARTE 11035 AUG 2003 4814N 01621E OB 3									EUROPE - CZECH REPUBLIC PRAHA-LIBUS 11520 AUG 2003 5000N 01427E OB 3									EUROPE - SLOVAKIA POPRAD-GANOVCE 11952 AUG 2003 4902N 02019E OB 3												
030	24259	7	-50.3		7	76	100	4	030	24289	0	-49.9	33.8	0	52	90	3	030	24284	0	-50.4	32.1	0	59	99	3				
050	20955	5	-53.7		5	23	80	1	050	20980	0	-53.1	32.9	0	8	312	0	050	20975	0	-53.0	31.2	0	18	196	1				
100	16543	4	-57.0		4	83	282	8	100	16550	0	-56.0	31.9	0	82	289	8	100	16543	0	-55.5	29.7	0	89	281	9				
150	13976	4	-56.4		4	69	290	11	150	13974	0	-55.7	27.3	0	81	294	13	150	13959	0	-55.1	27.0	0	84	290	14				
200	12156	4	-57.6		4	73	299	15	200	12152	0	-57.6	10.5	0	76	300	17	200	12127	0	-56.7	11.3	0	80	303	19				
300	9506	4	-39.5		4	72	298	13	300	9502	0	-39.6	10.9	0	75	297	15	300	9477	0	-39.9	10.1	0	76	305	18				
500	5799	0	-11.7	14.2	0	70	300	9	500	5798	0	-11.9	17.2	0	83	299	12	500	5780	0	-12.4	14.8	0	80	307	13				
700	3142	0	4.4	11.3	0	80	298	10	700	3145	0	3.9	11.3	0	85	292	9	700	3131	0	2.9	12.1	0	76	299	8				
850	1532	0	15.0	7.9	0	83	286	10	850	1538	0	13.5	6.9	0	67	290	4	850	1528	0	13.7	7.5	0	52	283	3				
992	* 200		24.4	9.1					982	* 303		22.6	11.7					936	* 706		19.0	9.9								
EUROPE - POLAND LEBA 12120 AUG 2003 5445N 01732E OB 3									EUROPE - POLAND LEGIONOWO 12374 AUG 2003 5224N 02058E OB 3									EUROPE - POLAND WROCLAW I 12425 AUG 2003 5108N 01659E OB 3												
030	24300	0	-49.0	33.8	0	34	99	2	030	24296	0	-49.4	33.4	0	44	113	2	030	24271	0	-49.9	33.8	0	52	100	3				
050	20973	0	-51.4	33.0	0	31	293	1	050	20975	0	-51.7	32.7	0	7	256	0	050	20958	0	-52.5	33.0	0	11	282	0				
100	16489	0	-52.5	32.5	0	80	291	8	100	16505	0	-53.4	32.2	0	87	287	9	100	16514	0	-55.2	32.2	0	83	292	9				
150	13870	0	-51.9	30.6	0	81	298	14	150	13892	0	-52.5	30.4	0	83	295	14	150	13926	0	-54.7	28.3	0	83	298	15				
200	12011	0	-53.8	17.9	0	82	302	22	200	12038	0	-54.7	15.6	0	80	303	22	200	12095	0	-56.9	11.6	0	80	302	21				
300	9358	0	-41.8	9.6	0	83	300	23	300	9387	0	-41.2	10.5	0	79	305	23	300	9448	0	-40.4	10.3	0	78	301	19				
500	5696	0	-14.9	13.7	0	82	298	15	500	5716	0	-14.5	15.9	0	83	303	16	500	5760	0	-13.2	13.8	0	83	300	14				
700	3072	0	.4	11.5	0	81	297	10	700	3087	0	1.0	11.7	0	81	300	11	700	3117	0	2.6	14.1	0	82	299	10				
850	1491	0	8.5	5.2	0	75	293	7	850	1503	0	9.7	5.5	0	79	294	7	850	1523	0	11.1	6.1	0	83	293	6				
1014	* 2		17.9	3.8					1003	* 96		19.4	8.1					1002	* 116		20.5	8.6								
EUROPE - HUNGARY BUDAPEST/LORINC 12843 AUG 2003 4726N 01911E OB 3									EUROPE - HUNGARY SZEGED 12982 AUG 2003 4615N 02006E OB									EUROPE - YUGOSLAVIA BEOGRAD/KOSUTNJAK 13275 AUG 2003 4446N 02025E OB 1												
030	24281	3	-50.6		3	71	98	4	030	24297	5	-50.5		5	84	92	5	030												
050	20978	3	-53.8		3	16	148	1	050	20999	5	-54.2		5	38	116	2	050												
100	16565	2	-57.0		2	89	279	9	100	16595	4	-57.6		4	90	275	9	100	16596	1	-58.1		1	88	274	9				
150	13993	1	-56.1		1	86	289	14	150	14026	2	-55.8		2	87	284	13	150	14035	0	-55.8		0	90	277	13				
200	12170	1	-57.3		2	77	298	15	200	12196	2	-56.2		2	74	302	12	200	12204	0	-55.8		0	81	292	11				
300	9516	1	-39.4	12.2	1	75	304	14	300	9538	2	-39.1	11.4	2	66	314	10	300	9541	0	-39.1		0	69	304	9				
500	5806	1	-11.7	16.5	1	76	303	11	500	5823	1	-11.2	13.1	1	68	306	9	500	5825	0	-10.8	16.4	0	74	317	9				
700	3149	1	4.0	12.3	1	73	304	8	700	3160	1	4.8	9.7	1	70	311	7	700	3159	0	5.2	11.6	0	67	325	6				
850	1539	1	14.8	9.2	2	68	304	5	850	1542	1	16.4	9.3	1	51	304	3	850	1541	0	16.7	11.8	0	49	324	3				
1000	* 139		25.1	12.8					1006	* 83		19.1	6.0					992	* 203		23.1	.4								

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - CROATIA ZAGREB/MAKSIMIR 14240 AUG 2003 4549N 01602E OB 3									EUROPE - ROMANIA BUCURESTI/IMH 15420 AUG 2003 4430N 02608E OB 1									EUROPE - BULGARIA SOFIA (OBSERV.) 15614 AUG 2003 4239N 02323E OB 0								
030	24262	0	-50.8		0	81	92	5	030									030	24248	2	-51.4	28.9	2	93	98	6
050	20971	0	-54.4		0	37	77	2	050	20981	6	-55.1	31.6	6	58	136	3	050	20968	1	-55.7	27.3	1	71	124	3
100	16582	0	-58.3		0	80	279	8	100	16605	1	-58.6	28.4	1	94	262	13	100	16614	0	-60.1	24.6	0	97	254	11
150	14026	0	-56.8		0	82	267	11	150	14039	0	-54.9	27.3	0	95	265	19	150	14064	0	-55.8	24.7	0	95	261	17
200	12207	0	-57.4		0	62	302	10	200	12193	0	-54.0	15.8	0	86	279	17	200	12225	0	-53.7	17.5	0	86	272	13
300	9550	0	-39.0		0	63	304	9	300	9524	0	-39.3	13.5	0	79	299	13	300	9551	0	-38.6	14.5	0	66	301	8
500	5835	0	-10.9	16.3	0	60	302	7	500	5816	0	-11.9	15.2	0	85	309	9	500	5831	0	-10.5	16.5	1	68	305	6
700	3171	0	5.2	7.4	0	46	310	4	700	3165	0	3.3	5.5	0	74	317	6	700	3163	0	5.4	8.3	1	60	303	4
850	1550	0	16.7	8.6	0	19	290	1	850	1555	0	15.0	7.3	0	51	331	2	850	1539	0	18.4	10.5	1	44	343	2
1001	* 128		25.9	10.9					1006	* 91		20.8	6.9					948	* 595		28.6	16.3				
EUROPE - ITALY MILANO/LINATE 16080 AUG 2003 4526N 00917E OB 3									EUROPE - ITALY PRATICA DI MARE 16245 AUG 2003 4139N 01226E OB 3									EUROPE - ITALY CAGLIARI/ELMAS 16560 AUG 2003 3915N 00904E OB /								
030	24218	0	-51.1	28.6	0	84	113	6	030	24209	0	-51.8	27.3	0	92	89	8	030	24099	0	-53.3	30.4	1	95	101	9
050	20933	0	-55.1	27.4	0	54	84	3	050	20933	0	-56.4	25.7	0	72	93	4	050	20847	0	-58.0	28.8	0	81	113	6
100	16560	0	-59.1	24.6	0	73	279	6	100	16597	0	-60.5	22.4	0	78	271	7	100	16548	0	-63.2	23.5	0	73	275	7
150	14012	0	-57.9	20.8	0	70	280	9	150	14062	0	-57.6	20.6	0	82	277	11	150	14038	0	-59.2	21.7	0	87	274	14
200	12199	0	-57.4	10.0	0	54	287	8	200	12240	0	-55.3	13.1	0	65	295	10	200	12223	0	-55.4	14.9	0	76	283	12
300	9543	0	-39.1	11.1	0	51	279	7	300	9573	0	-38.9	12.1	0	54	307	7	300	9558	0	-39.3	14.0	0	60	301	8
500	5831	0	-11.2	13.9	0	55	272	5	500	5854	0	-10.7	15.3	0	55	311	6	500	5849	0	-11.5	18.2	0	59	303	7
700	3167	0	6.0	7.3	0	41	279	2	700	3182	0	6.9	10.1	0	51	309	5	700	3184	0	6.3	12.6	0	51	309	4
850	1539	0	17.9	9.6	0	20	267	1	850	1549	0	19.4	13.6	0	39	292	2	850	1556	0	18.8	16.7	0	35	302	2
1002	* 103		29.1	10.9					1011	* 32		27.3	7.9					1016	* 5		30.7	10.2				
EUROPE - TURKEY SAMSUN 17030 AUG 2003 4117N 03618E OB 3									EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 AUG 2003 4058N 02905E OB 3									EUROPE - TURKEY ANKARA/CENTRAL 17130 AUG 2003 3957N 03253E OB 3								
030	24249	0	-52.8		0	94	86	7	030	24234	0	-52.4	33.1	1	96	88	8	030	24224	1	-52.8	32.9	2	95	83	9
050	20987	0	-57.2		0	71	90	4	050	20970	0	-57.3	31.6	2	57	84	3	050	20967	1	-57.9	31.4	2	68	95	3
100	16695	0	-63.4		0	96	250	18	100	16663	0	-62.3	30.1	2	94	249	15	100	16694	1	-64.6	28.1	1	97	246	18
150	14170	0	-56.2		0	97	255	33	150	14131	0	-55.8	32.2	1	98	255	29	150	14182	0	-57.1	29.9	1	98	249	32
200	12308	0	-48.0		0	98	254	35	200	12273	0	-49.2	30.5	1	96	250	29	200	12325	0	-48.1	30.7	1	98	250	35
300	9566	0	-35.3		0	86	254	18	300	9553	0	-36.9	22.5	0	76	262	12	300	9576	0	-34.3	27.7	1	91	255	19
500	5820	0	-9.5	22.6	0	81	261	7	500	5818	0	-9.5	25.4	0	67	282	5	500	5822	0	-8.7	25.4	1	75	273	6
700	3135	0	7.2	17.6	0	55	310	4	700	3137	0	7.0	18.5	1	47	342	3	700	3135	0	7.2	12.5	0	69	303	5
850	1516	0	14.7	10.0	0	71	42	3	850	1513	0	16.8	16.6	1	94	40	8	850	1505	0	17.8	12.6	1	85	69	6
1014	* 4		21.1	4.0					1008	* 33		22.7	6.3					913	* 891		20.2	8.8				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - TURKEY IZMIR/GUZELYALT 17220 AUG 2003 3826N 02710E OB 3									EUROPE - TURKEY ISPARTA 17240 AUG 2003 3745N 03033E OB 3									EUROPE - TURKEY DIYARBAKIR 17280 AUG 2003 3753N 04012E OB 3								
030	24207	1	-53.3		1	97	87	10	030	24207	0	-53.0	32.8	0	90	82	10	030	24190	2	-53.1	32.7	4	96	83	10
050	20957	1	-58.6		1	79	102	4	050	20961	0	-59.1	30.6	1	85	97	4	050	20952	1	-59.6	31.0	3	91	101	7
100	16689	0	-66.4		2	97	242	15	100	16727	0	-67.2	24.0	3	95	243	15	100	16754	0	-69.5	26.9	3	95	250	16
150	14191	0	-57.7		2	98	245	30	150	14236	0	-58.3	26.5	1	98	246	30	150	14285	1	-59.2	29.9	2	98	252	28
200	12336	0	-48.0		0	97	246	31	200	12384	0	-47.8	29.4	1	98	247	32	200	12435	0	-47.5	33.2	2	98	255	31
300	9586	0	-34.7		0	90	251	15	300	9618	0	-32.4	29.9	1	93	248	22	300	9652	0	-30.0	35.8	2	97	256	26
500	5834	0	-8.6	25.0	0	55	287	4	500	5842	0	-7.8	27.2	1	65	272	5	500	5845	0	-6.5	38.2	2	94	245	11
700	3140	0	8.7	21.3	0	17	28	1	700	3144	0	9.2	16.9	1	33	36	2	700	3129	0	12.7	21.5	2	57	198	4
850	1503	0	20.0	18.7	0	83	38	5	850	1504	0	19.9	14.7	1	77	36	5	850	1461	0	26.5	27.1	2	52	11	3
1007	* 29		26.0	9.6					901	* 997		17.3	7.5					929	* 677		26.4	22.0				
EUROPE - CYPRUS ATHALASSA 17607 AUG 2003 3509N 03324E OB 2									EUROPE - RUSSIAN FEDERATION (EUROPE) MURMANSK 22113 AUG 2003 6859N 03307E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK 22550 AUG 2003 6437N 04030E OB 3								
030									030	24337	1	-48.3	31.7	1	64	114	2	030	24368	1	-48.4	19.3	1	52	107	2
050									050	20976	0	-48.6	30.7	0	51	166	1	050	21018	1	-49.0	18.1	1	39	184	1
100	16755	0	-71.2	23.1	3	90	229	12	100	16411	0	-47.8	30.7	0	62	219	3	100	16467	0	-48.8	15.6	0	76	231	4
150	14308	0	-60.6	25.7	2	97	240	22	150	13732	0	-47.1	30.1	0	68	236	5	150	13797	0	-47.9	13.0	0	73	227	6
200	12469	0	-48.3	29.6	0	97	244	26	200	11833	0	-47.6	25.8	0	62	229	6	200	11912	0	-50.1	8.0	0	68	224	9
300	9689	0	-29.3	33.3	0	98	249	23	300	9175	0	-46.5	8.3	0	47	220	8	300	9258	0	-43.9	6.3	0	58	219	10
500	5867	0	-5.1	39.7	0	86	245	10	500	5574	0	-18.8	10.7	0	44	248	4	500	5618	0	-16.2	8.0	0	58	214	6
700	3146	0	10.9	28.2	0	48	282	3	700	2987	0	-3.0	6.3	0	29	288	2	700	3003	0	-.8	5.0	0	43	213	4
850	1500	0	21.7	16.8	0	41	344	1	850	1427	0	4.3	2.9	0	36	338	3	850	1428	0	7.6	2.8	0	34	214	3
988	* 161		37.1	18.0					996	* 121		11.4	2.9					1007	* 4		15.7	3.4				
EUROPE - RUSSIAN FEDERATION (EUROPE) ST. PETERBURG (VOEJKOVO) 26063 AUG 2003 5957N 03042E OB 3									EUROPE - LATVIA RIGA 26422 AUG 2003 5658N 02403E OB									EUROPE - RUSSIAN FEDERATION (EUROPE) VOLOGDA 27037 AUG 2003 5919N 03955E OB 3								
030	24318	1	-48.9	27.9	2	55	129	2	030									030	24286	7	-49.4	12.7	7	63	128	2
050	20982	1	-50.1	27.7	1	20	224	1	050									050	20931	2	-50.1	11.8	2	35	198	1
100	16449	1	-49.4	28.2	1	75	261	4	100	16463	16	-50.8	29.7	9	84	283	7	100	16444	2	-49.8	10.7	2	71	237	5
150	13786	0	-48.1	27.6	0	65	263	5	150	13815	16	-49.3	29.3	9	79	298	9	150	13786	2	-48.6	9.2	2	69	232	7
200	11890	0	-49.0	22.2	0	53	250	6	200	11930	16	-50.1	20.3	9	70	301	13	200	11906	0	-50.8	6.8	0	53	226	8
300	9233	0	-44.9	8.9	0	31	230	5	300	9259	16	-43.1	9.2	9	67	301	14	300	9252	0	-42.8	5.9	0	44	214	9
500	5612	0	-17.4	9.1	0	26	242	2	500	5626	16	-16.9	10.2	9	65	305	9	500	5609	0	-15.5	7.8	0	54	202	7
700	3007	0	-1.7	5.0	0	17	253	1	700	3019	16	-1.2	6.3	9	64	302	7	700	2998	0	-.4	3.9	0	57	202	5
850	1436	1	6.9	3.1	0	15	281	1	850	1446	16	7.4	3.5	9	54	311	5	850	1423	0	9.0	2.9	0	51	209	4
999	* 78		15.8	3.6					1007	* 26		15.5	2.9					993	* 126		12.9	1.1				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
ASIA - RUSSIAN FEDERATION (IN ASIA) SALEHARD 23330 AUG 2003 6632N 06640E OB 3								ASIA - RUSSIAN FEDERATION (IN ASIA) TURUHANSK 23472 AUG 2003 6547N 08756E OB 3								ASIA - RUSSIAN FEDERATION (IN ASIA) SYKTYVKAR 23804 AUG 2003 6140N 05051E OB 3										
030	24387	1	-47.6	14.9	1	59	76	2	030	24441	0	-46.8	15.7	0	82	62	4	030	24384	2	-48.0	12.8	2	47	100	2
050	21027	1	-48.2	13.6	1	12	325	0	050	21058	0	-47.7	14.1	0	55	35	2	050	21036	1	-49.9	11.6	1	34	189	1
100	16485	0	-48.9	11.7	0	68	284	5	100	16487	0	-48.6	11.8	0	64	337	3	100	16502	0	-49.9	10.0	0	69	235	4
150	13826	0	-49.2	9.4	0	67	277	8	150	13823	0	-48.9	10.1	0	63	327	4	150	13848	0	-49.4	8.3	0	74	231	7
200	11953	0	-53.1	6.5	0	59	275	10	200	11944	0	-52.4	7.5	0	57	326	7	200	11969	0	-51.2	6.1	0	63	230	9
300	9310	0	-42.2	6.5	0	53	273	10	300	9294	0	-43.8	6.6	0	46	334	6	300	9311	0	-43.4	5.2	0	51	230	8
500	5659	0	-15.2	10.0	0	54	260	6	500	5664	0	-17.3	9.5	0	46	325	4	500	5666	0	-15.8	7.8	0	63	221	7
700	3045	0	-.3	6.5	1	55	239	5	700	3064	0	-1.5	8.0	0	47	319	4	700	3047	0	.0	5.0	0	63	219	6
850	1473	0	8.4	5.0	1	54	227	4	850	1491	0	6.6	4.9	0	32	314	2	850	1462	0	9.5	3.3	0	56	218	4
1012	* 16		16.2	5.0					1011	* 38		15.1	6.0					997	* 116		17.2	4.3				
ASIA - RUSSIAN FEDERATION (IN ASIA) HANTY-MANSIJSK 23933 AUG 2003 6101N 06902E OB 3								ASIA - RUSSIAN FEDERATION (IN ASIA) OLENEK 24125 AUG 2003 6830N 11226E OB 3								ASIA - RUSSIAN FEDERATION (IN ASIA) VERHOJANSK 24266 AUG 2003 6734N 13324E OB 3										
030	24397	25	-48.9		9	67	61	3	030	24349	1	-46.8	15.4	1	76	68	3	030	24400	4	-46.0	14.8	4	81	71	3
050	21049	22	-49.1		9	35	6	1	050	20975	0	-47.3	14.1	0	59	38	2	050	21013	4	-46.8	13.5	4	55	70	2
100	16487	19	-49.9		9	57	277	4	100	16405	0	-48.2	11.8	0	38	328	2	100	16429	2	-48.5	11.3	2	36	295	2
150	13826	15	-50.6		9	63	294	6	150	13733	1	-48.2	9.5	1	38	306	3	150	13756	2	-48.2	9.3	3	45	276	3
200	11956	13	-53.8		9	58	290	9	200	11847	0	-50.8	6.8	0	36	301	5	200	11867	3	-50.7	6.4	3	43	260	5
300	9324	12	-44.3		9	56	282	10	300	9215	0	-44.7	6.2	0	29	301	5	300	9234	2	-43.7	5.9	2	36	270	5
500	5689	10	-16.2	7.3	9	57	272	8	500	5599	0	-17.7	8.9	0	38	297	5	500	5617	2	-17.5	8.3	2	23	278	2
700	3079	9	-.2	4.5	9	51	264	5	700	3007	0	-2.3	8.2	0	53	335	4	700	3023	2	-1.5	7.0	2	19	266	1
850	1494	10	10.5	4.8	9	35	246	3	850	1448	0	5.6	6.2	0	42	350	3	850	1453	2	7.9	6.5	2	14	98	1
1010	* 46		15.4	1.8					989	* 220		10.8	5.9					996	* 138		13.5	6.6				
ASIA - RUSSIAN FEDERATION (IN ASIA) TURA 24507 AUG 2003 6416N 10014E OB 3								ASIA - RUSSIAN FEDERATION (IN ASIA) JAKUTSK 24959 AUG 2003 6201N 12943E OB 0								ASIA - RUSSIAN FEDERATION (IN ASIA) SEJTMCHAN 25703 AUG 2003 6255N 15225E OB 3										
030	24387	8	-46.6	14.3	8	85	85	4	030	24314	4	-46.9	15.8	4	59	99	2	030	24327	5	-46.7	12.8	6	48	85	2
050	21010	8	-47.8	14.0	8	78	48	3	050	20944	2	-48.4	14.4	2	35	109	1	050	20956	3	-48.8	11.6	3	12	243	1
100	16441	7	-48.6	11.2	8	44	6	2	100	16404	1	-49.8	11.8	1	20	243	1	100	16412	2	-50.0	9.4	2	55	267	4
150	13775	7	-48.6	9.8	7	28	336	2	150	13741	0	-48.6	9.8	0	12	245	1	150	13768	1	-49.8	7.7	1	57	265	5
200	11888	6	-51.0	6.8	6	26	313	3	200	11867	0	-50.9	6.6	0	14	187	1	200	11892	1	-52.3	5.6	1	47	272	7
300	9250	6	-45.2	6.1	6	20	293	3	300	9223	0	-43.7	5.6	0	15	141	2	300	9252	2	-43.8	5.5	1	8	235	1
500	5635	4	-18.1	10.1	4	15	285	2	500	5596	0	-16.9	8.2	0	14	100	1	500	5617	1	-17.1	8.9	1	4	163	0
700	3044	5	-3.0	3.8	4	5	347	0	700	2999	0	-1.8	5.6	0	21	84	1	700	3014	1	-2.0	5.3	1	16	33	1
850	1474	4	7.3	4.6	4	20	343	1	850	1431	0	9.1	7.5	0	11	108	1	850	1445	1	7.2	6.1	1	51	44	4
992	* 168		9.3	1.3					996	* 101		16.7	7.5					986	* 205		11.3	4.1				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
ASIA - RUSSIAN FEDERATION (IN ASIA) KORF 25954 AUG 2003 6021N 16600E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) VERHNEE DUBROVO 28445 AUG 2003 5644N 06104E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) OMSK 28698 AUG 2003 5456N 07324E OB 3								
030	24306	13	-47.7	12.9	9	37	88	2	030	24382	3	-47.8	11.3	4	52	44	2	030	24371	0	-48.6	14.6	0	64	50	2
050	20947	9	-49.8	11.3	9	16	348	1	050	21053	2	-51.3	9.9	2	34	275	1	050	21043	0	-51.0	13.0	0	75	341	2
100	16434	6	-50.5	9.4	8	58	285	5	100	16561	2	-52.1	8.2	2	72	272	6	100	16559	0	-51.9	10.9	0	88	305	7
150	13792	5	-49.9	8.0	5	63	291	7	150	13933	0	-52.3	6.4	0	66	269	8	150	13932	0	-51.5	8.8	0	85	310	10
200	11908	3	-50.9	6.2	4	51	291	7	200	12082	1	-55.0	4.5	0	52	261	9	200	12079	0	-55.1	6.5	0	73	326	10
300	9257	3	-43.2	6.0	3	36	303	5	300	9435	0	-40.9	5.0	0	44	250	8	300	9427	0	-40.1	7.6	0	65	333	9
500	5616	1	-16.4	10.7	0	30	342	3	500	5753	0	-13.3	7.7	0	55	243	7	500	5742	0	-12.9	12.0	0	61	332	6
700	3010	0	-1.4	6.5	0	9	17	1	700	3111	0	2.2	5.0	0	61	236	7	700	3104	0	2.3	6.9	0	58	339	5
850	1437	0	6.2	5.6	0	4	98	0	850	1509	0	13.1	5.7	0	61	232	5	850	1513	0	12.4	6.3	0	36	345	2
1010	* 4		12.2	3.1					981	* 290		19.7	5.3					1005	* 90		19.1	6.0				
ASIA - RUSSIAN FEDERATION (IN ASIA) KOLPASEVO 29231 AUG 2003 5819N 08254E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) EMEL' JANOVO 29572 AUG 2003 5611N 09237E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) KIRENSK 30230 AUG 2003 5746N 10804E OB 0								
030	24401	9	-47.8	17.7	9	85	61	3	030	24393	7	-47.1	14.8	7	72	57	3	030	24346	3	-47.4	16.5	3	41	59	1
050	21055	5	-49.6	16.5	5	80	14	3	050	21039	7	-49.6	12.9	7	62	11	2	050	20990	1	-49.3	14.6	1	35	357	1
100	16526	4	-50.0	13.8	4	90	331	6	100	16499	7	-49.1	11.0	7	69	308	4	100	16459	1	-50.0	11.7	1	48	318	3
150	13873	3	-49.5	11.6	3	85	335	8	150	13835	7	-48.3	9.4	7	67	306	5	150	13805	1	-49.5	9.3	1	46	309	3
200	11997	3	-52.7	8.7	3	71	350	11	200	11944	7	-50.4	7.1	7	34	292	3	200	11933	1	-54.0	6.1	1	39	313	5
300	9345	3	-42.6	9.5	3	65	351	11	300	9295	7	-43.8	6.4	7	27	253	4	300	9304	1	-43.5	6.8	1	33	322	4
500	5694	3	-15.9	13.6	3	61	350	6	500	5663	6	-16.8	8.5	6	38	275	3	500	5660	1	-16.0	8.8	1	46	345	4
700	3078	2	- .9	9.8	3	58	358	4	700	3054	6	-1.1	7.3	6	21	291	1	700	3045	1	- .8	5.5	1	47	358	3
850	1504	2	8.3	7.5	3	53	359	3	850	1478	6	8.4	5.5	6	36	2	2	850	1465	1	9.1	5.1	1	64	17	4
1007	* 75		10.4	1.6					989	* 206		14.1	4.8					981	* 259		14.9	4.1				
ASIA - RUSSIAN FEDERATION (IN ASIA) CHITA 30758 AUG 2003 5205N 11329E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) ALDAN 31004 AUG 2003 5837N 12522E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OHOTSK 31088 AUG 2003 5922N 14312E OB 3								
030	24286	0	-48.3	13.7	0	42	79	2	030	24295	4	-47.3	13.3	4	63	97	2	030	24339	4	-47.6	12.4	5	48	74	2
050	20951	0	-50.7	12.2	0	58	297	2	050	20942	2	-49.3	12.3	2	10	97	0	050	20978	3	-49.6	11.2	3	10	152	0
100	16451	0	-50.6	10.8	0	91	282	9	100	16424	2	-50.2	10.5	2	38	259	2	100	16444	2	-50.6	9.4	2	48	248	3
150	13804	0	-49.5	9.1	0	86	276	10	150	13770	2	-48.6	8.8	2	23	261	2	150	13797	2	-49.5	7.5	2	37	244	3
200	11927	0	-51.6	6.5	0	66	272	9	200	11889	2	-51.0	6.1	2	21	298	2	200	11919	2	-52.0	5.1	2	31	213	4
300	9282	0	-42.5	5.8	0	31	281	4	300	9244	2	-43.3	5.7	2	20	301	2	300	9264	1	-42.8	4.7	1	19	184	3
500	5632	0	-15.2	6.7	0	31	318	3	500	5609	2	-16.7	7.5	2	33	330	3	500	5621	0	-16.5	6.6	0	15	121	2
700	3016	0	.5	3.7	0	49	324	3	700	3008	1	-1.5	3.6	1	28	338	2	700	3015	0	-1.4	3.3	0	43	87	4
850	1434	0	11.2	6.4	0	35	354	2	850	1438	1	9.2	5.2	1	25	340	1	850	1434	0	8.5	5.1	0	57	84	4
931	* 671		14.8	5.3					931	* 79		13.0	4.5					1007	* 6		13.6	2.1				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
ASIA - RUSSIAN FEDERATION (IN ASIA) BLAGOVESHCHENSK 31510 AUG 2003 5032N 12730E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) HABAROVSK 31736 AUG 2003 4832N 13514E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) VLADIVOSTOK (SAD GOROD) 31977 AUG 2003 4316N 13203E OB 3									
030	24316	8	-48.3	13.0	8	71	112	3	030										030	24320	9	-50.3	11.7	8	84	99	5
050	20975	5	-50.8	12.3	8	33	215	1	050										050	21029	6	-55.5	10.1	5	64	253	4
100	16483	4	-51.7	11.2	4	94	257	10	100	16577	3	-53.0	8.9	3	95	258	16	100	16676	3	-56.9	9.6	3	97	264	27	
150	13840	4	-49.5	9.8	4	94	255	14	150	13955	1	-50.5	8.2	1	95	257	23	150	14088	2	-52.9	8.9	2	96	264	34	
200	11958	4	-50.1	7.5	4	88	259	17	200	12078	0	-50.2	6.4	0	91	260	22	200	12220	0	-47.4	8.6	1	94	261	37	
300	9298	2	-42.5	6.7	2	68	265	13	300	9387	0	-38.6	5.8	0	80	261	14	300	9477	0	-34.9	8.5	0	91	261	26	
500	5646	1	-15.3	8.5	2	65	272	7	500	5679	0	-12.7	7.8	0	81	264	10	500	5734	0	-9.6	12.8	0	88	265	13	
700	3023	1	.2	4.9	1	41	284	3	700	3033	0	2.2	5.7	0	71	266	6	700	3069	0	5.2	9.0	0	79	273	7	
850	1438	1	9.4	4.2	1	14	325	1	850	1438	0	10.9	5.0	0	50	258	4	850	1464	0	14.1	6.2	0	61	266	5	
987	* 177		15.7	3.4					999	* 72		17.8	3.3					999	* 82		20.1	3.2					
ASIA - RUSSIAN FEDERATION (IN ASIA) JUZHNO-SAHALINSK 32150 AUG 2003 4657N 14243E OB 1									ASIA - RUSSIAN FEDERATION (IN ASIA) PETROPAPVLOVSK-KAMCATSKIJ 32540 AUG 2003 5305N 15835E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) ORENBURG 35121 AUG 2003 5141N 05506E OB 3									
030	24285	1	-49.7	13.1	1	77	99	3	030	24360	1	-47.9	15.0	1	33	136	1	030	24365	3	-49.6	14.9	3	50	51	1	
050	20977	1	-53.5	11.7	1	38	242	1	050	21011	0	-51.2	12.9	0	33	255	2	050	21058	1	-52.7	13.2	1	62	253	2	
100	16567	0	-56.0	10.7	0	94	260	18	100	16532	0	-52.7	10.7	0	85	265	10	100	16612	1	-53.7	11.8	1	89	265	11	
150	13974	0	-52.8	10.2	0	94	261	30	150	13904	0	-50.9	10.0	0	86	262	15	150	13999	1	-51.9	10.4	1	88	262	13	
200	12105	0	-49.0	9.3	0	92	258	34	200	12028	0	-49.7	8.3	0	81	258	18	200	12138	1	-52.7	8.4	1	74	259	13	
300	9395	0	-37.5	8.5	0	87	260	23	300	9337	0	-39.5	8.3	0	70	249	15	300	9472	1	-39.1	9.5	1	61	242	9	
500	5683	0	-11.7	10.8	0	87	260	14	500	5650	0	-14.6	9.8	0	57	246	7	500	5770	1	-11.8	12.0	1	65	242	8	
700	3036	0	3.1	8.5	0	84	263	9	700	3019	0	-.2	8.0	0	32	233	3	700	3121	1	4.2	9.3	1	65	233	6	
850	1446	0	10.8	4.9	0	74	251	6	850	1442	0	7.0	4.3	0	8	333	1	850	1519	3	14.7	10.9	1	41	233	3	
1007	* 24		16.2	2.1					1001	* 84		13.5	3.3					1000	* 117		28.0	18.7					
ASIA - SAUDI ARABIA HAFR AL-BATIN 40373 AUG 2003 2820N 04607E OB									ASIA - SAUDI ARABIA TABUK 40375 AUG 2003 2822N 03636E OB 3									ASIA - SAUDI ARABIA HAIL 40394 AUG 2003 2726N 04141E OB 3									
030	24066	24	-54.5	26.0	9	99	91	19	030	24086	11	-53.6	24.4	9	99	91	16	030	24112	8	-53.9	25.7	8	99	90	18	
050	20863	23	-63.3	22.9	9	99	88	13	050	20873	10	-62.2	20.8	9	97	95	15	050	20899	7	-62.7	22.1	7	98	92	16	
100	16780	21	-77.0	16.8	9	97	107	9	100	16778	2	-75.7	13.9	2	94	129	12	100	16814	4	-76.6	14.1	4	96	114	14	
150	14372	20	-61.9	18.7	9	73	96	5	150	14370	2	-62.5	15.8	2	81	151	8	150	14409	2	-62.7	15.5	2	83	119	7	
200	12540	20	-48.2	20.7	9	47	81	3	200	12541	2	-48.8	18.2	2	63	166	5	200	12582	2	-48.9	17.1	2	66	119	5	
300	9748	20	-28.2	23.8	9	30	58	2	300	9761	2	-28.6	21.3	2	50	191	3	300	9798	2	-28.5	19.9	2	63	120	3	
500	5895	20	-1.8	29.3	9	19	304	1	500	5916	2	-4.1	17.0	2	75	209	5	500	5952	2	-4.0	17.9	2	7	50	1	
700	3141	20	15.8	23.6	9	75	291	7	700	3174	2	15.5	18.9	2	69	198	5	700	3208	2	16.7	20.2	2	27	301	2	
850	1460	19	29.7	27.6	9	87	337	5	850	1490	2	29.1	24.0	2	41	329	2	850	1512	2	32.2	28.3	2	53	25	3	
961	* 358		34.7	31.0					921	* 768		34.8	25.8					897	*1013		34.9	31.6					

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
ASIA - SAUDI ARABIA KING FAHAD INT. AIRPORT 40417 AUG 2003 2627N 04949E OB 3								ASIA - SAUDI ARABIA MADINAH 40430 AUG 2003 2433N 03942E OB 3								ASIA - SAUDI ARABIA KING KHALED INT. AIRPORT 40437 AUG 2003 2456N 04643E OB 3										
030	24072	20	-54.9	25.2	9	99	94	18	030	23977	8	-54.2	23.6	9	99	91	19	030	24064	9	-54.3	26.0	9	99	91	20
050	20862	20	-62.8	11.9	9	98	92	18	050	20795	7	-63.7	19.2	7	98	96	18	050	20856	9	-62.8	22.1	9	98	92	18
100	16801	1	-77.1	11.2	1	97	101	15	100	16730	3	-77.7	10.6	4	98	106	20	100	16781	6	-77.7	14.3	7	98	101	21
150	14399	1	-62.7	13.1	1	89	106	10	150	14344	2	-63.6	12.7	3	94	111	14	150	14385	6	-63.2	17.2	6	96	104	14
200	12569	1	-48.5	15.1	1	75	106	6	200	12526	2	-49.4	14.6	3	89	107	10	200	12559	6	-48.8	18.9	6	90	102	9
300	9781	1	-27.9	18.1	1	67	81	4	300	9755	2	-28.5	18.1	2	88	102	6	300	9774	6	-28.0	22.4	6	81	90	6
500	5921	1	-3.8	17.7	1	79	57	5	500	5920	2	-5.7	11.1	2	57	89	4	500	5918	5	-4.3	22.8	5	81	38	6
700	3171	1	17.1	19.5	1	55	351	3	700	3180	2	16.9	20.2	2	16	307	1	700	3176	5	16.6	22.6	5	66	3	4
850	1478	1	30.2	22.4	1	82	342	5	850	1484	2	31.5	24.4	2	68	311	4	850	1482	5	32.0	31.9	5	46	40	3
997	* 12		38.0	24.6					933	* 636		39.1	32.6					934	* 612		38.3	35.0				
ASIA - IRAN, ISLAMIC REPUBLIC OF MASHHAD 40745 AUG 2003 3616N 05938E OB 3								ASIA - IRAN, ISLAMIC REPUBLIC OF KERMAN 40841 AUG 2003 3015N 05658E OB 3								ASIA - SAUDI ARABIA JEDDAH (KING ABDUL AZIZ INT.) 41024 AUG 2003 2142N 03911E OB 3										
030	24209	0	-54.0	32.0					030	24105	6	-54.1						030	23998	5	-54.4	24.1	7	99	93	21
050	20950	0	-61.3	29.5					050	20881	5	-62.3						050	20776	5	-63.6	17.4	5	98	92	20
100	16770	0	-71.6	23.7					100	16780	1	-75.2						100	16698	2	-78.3	9.5	2	99	101	24
150	14346	0	-59.2	27.8					150	14360	0	-61.8						150	14327	1	-64.7	11.7	1	97	105	19
200	12493	0	-46.8	32.5					200	12526	0	-45.6						200	12515	1	-50.3	14.3	1	95	103	13
300	9693	0	-27.6	37.4					300	9738	1	-27.6						300	9746	1	-29.0	16.3	1	93	99	8
500	5860	0	-5.4	29.9					500	5881	1	-4.2	18.1					500	5912	1	-7.1	4.9	1	79	81	7
700	3142	0	9.1	14.6					700	3139	0	15.9	21.7					700	3172	1	16.6	16.2	1	66	45	4
850	1500	0	21.9	22.2					822	*1754		19.8	20.6					850	1483	1	27.9	18.6	1	89	325	7
900	* 980		20.5	11.8														1002	* 17		35.1	9.2				
ASIA - SAUDI ARABIA ABHA 41112 AUG 2003 1814N 04239E OB								ASIA - UNITED ARAB EMIRATES ABU DHABI INTER. AIRPORT 41217 AUG 2003 2426N 05439E OB 3								ASIA - BANGLADESH DHAKA 41923 AUG 2003 2346N 09023E OB /										
030	23958	7	-54.4	25.5	7	99	91	25	030	24034	30	-54.6		9	99	92	22	030	24034	24	-56.0		9	99	86	22
050	20753	7	-63.9	19.3	7	98	90	22	050	20833	1	-63.3		7	98	92	19	050	20826	23	-64.2		9	99	87	21
100	16661	4	-79.6	9.5	4	99	98	29	100	16670	0	-72.6		2	97	98	19	100	16761	23	-78.1		9	98	85	27
150	14294	4	-65.4	11.2	4	98	102	21	150	14373	0	-63.4	14.2	2	93	100	13	150	14372	23	-64.0		9	92	89	25
200	12487	4	-51.2	12.8	4	97	99	16	200	12546	0	-48.9	15.8	2	89	102	9	200	12546	22	-48.6		9	94	92	20
300	9719	4	-29.1	14.1	4	95	92	10	300	9757	0	-27.5	18.8	2	83	76	6	300	9746	22	-26.3	9.6	9	91	91	13
500	5882	4	-6.8	3.9	4	95	48	10	500	5891	0	-4.7	13.8	2	83	67	7	500	5866	22	-2.3	6.5	9	89	116	6
700	3144	4	16.1	14.4	4	88	46	6	700	3150	0	16.1	19.1	2	36	35	2	700	3111	22	12.1	6.2	9	69	138	4
792	*2093		23.5	13.4					850	1462	0	29.7	23.8	2	30	268	2	850	1457	22	19.7	5.2	9	74	155	4
									996	* 27		36.9	11.5					1003	* 9		27.6	1.9				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
ASIA - INDIA SRINAGAR 42027 AUG 2003 3405N 07450E OB 3								ASIA - INDIA NEW DELHI/SAFDARJUNG 42182 AUG 2003 2835N 07712E OB 3								ASIA - INDIA JODHPUR 42339 AUG 2003 2618N 07301E OB 3										
030								030										030								
050								050										050	21106	9	-60.3					
100								100	16843	0	-76.3			1	34	118	4	100	16914	8	-74.0		9	95	104	15
150	14372	5	-59.7					150	14433	0	-61.2			0	35	153	4	150	14450	4	-60.7		9	78	121	10
200	12515	0	-46.1		9	79	215	200	12572	0	-46.7			0	22	125	2	200	12598	1	-45.9		9	92	120	9
300	9697	0	-25.9	8.2	9	95	220	300	9760	0	-24.1			0	14	165	1	300	9764	1	-24.2	8.4	9	63	117	3
500	5825	0	-4.9	7.6	9	57	215	500	5845	0	- .7	.1	0	31	156	1	500	5840	1	-1.7	5.7	8	64	2	1	
700	3098	0	13.0	7.6	9	22	335	700	3089	0	12.8	3.8	0	24	255	1	700	3094	0	14.0	7.0	5	66	357	3	
835	*1587		22.2	5.4				850	1440	0	22.2	3.9	0	19	275	1	850	1433	0	22.4	3.9	1	46	228	3	
								969	* 216		29.0	3.3					976	* 224		29.3	5.5					
ASIA - INDIA LUCKNOW/AMAUSI 42369 AUG 2003 2645N 08053E OB 3								ASIA - INDIA GAUHATI 42410 AUG 2003 2606N 09135E OB 3								ASIA - INDIA PATNA 42492 AUG 2003 2536N 08506E OB 3										
030								030										030								
050								050	20909	8	-64.8		7	98	86	21	050									
100	16827	3	-75.3					100	16867	2	-76.8		2	94	79	20	100	16874	6	-75.8						
150	14428	3	-61.9	3.2				150	14446	1	-61.5		1	90	77	19	150	14449	5	-61.2						
200	12568	2	-46.5	7.0				200	12598	1	-46.1	6.5	1	90	77	14	200	12615	4	-45.8						
300	9725	1	-24.5	8.2				300	9773	1	-24.2	6.5	1	82	81	8	300	9774	4	-24.1	8.2	8	88	99	9	
500	5837	0	-2.2	5.0				500	5870	1	-1.5	4.4	0	49	124	2	500	5866	4	-1.1	4.5	7	79	112	5	
700	3088	0	12.1	2.1	5	44	86	700	3112	0	12.6	2.0	0	58	191	2	700	3102	4	13.0	2.0	4	85	114	5	
850	1428	0	21.0	2.0	4	42	76	850	1451	0	21.0	1.8	0	47	232	2	850	1439	4	21.2	1.2	4	82	114	5	
986	* 128		29.0	2.6				996	* 54		28.4	2.7					994	* 60		29.1	2.5					
ASIA - INDIA CALCUTTA/DUM DUM 42809 AUG 2003 2239N 08827E OB 3								ASIA - INDIA NAGPUR SONEGAON 42867 AUG 2003 2106N 07903E OB 3								ASIA - INDIA BHUBANESWAR 42971 AUG 2003 2015N 08550E OB 3										
030	24143	2	-54.3		2	95	98	22	030									030								
050	20903	1	-62.0		3	97	98	20	050									050	20867	6	-63.7					
100	16818	2	-75.7		2	97	95	26	100									100	16786	4	-77.3		4	96	78	25
150	14402	0	-62.9		0	96	94	23	150	14379	8	-62.1						150	14384	4	-62.9		4	87	74	21
200	12564	0	-47.8		0	97	98	19	200	12545	5	-47.1						200	12544	3	-47.4		3	91	80	18
300	9755	0	-25.2	9.0	0	96	103	12	300	9731	5	-25.6	7.6					300	9734	3	-25.7	5.7	3	90	94	10
500	5859	0	-1.3	5.2	0	72	122	6	500	5844	0	-2.1	3.6					500	5845	3	-2.3	3.7	3	41	127	3
700	3088	0	13.0	3.2	0	68	119	5	700	3097	0	11.1	2.4	7	70	307	6	700	3092	2	12.1	1.5	2	31	215	2
850	1436	0	20.9	1.6	0	70	177	5	850	1446	0	19.7	2.3	1	83	305	8	850	1434	2	20.7	.8	2	48	247	3
999	* 6		28.9	2.8					968	* 310		26.4	2.7					995	* 46		27.8	1.8				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
ASIA - INDIA BOMBAY/SANTACRUZ 43003 AUG 2003 1907N 07251E OB 3									ASIA - INDIA HYDERABAD AIRPORT 43128 AUG 2003 1727N 07828E OB 3									ASIA - INDIA MADRAS/MINAMBakkAM 43279 AUG 2003 1300N 08011E OB 3										
030									030									030										
050									050	20797	5	-60.9			6	99	88	22	050	20782	3	-62.6			3	99	82	22
100	16793	2	-75.5		3	97	89	29	100	16622	2	-76.8			3	99	90	28	100	16641	1	-76.2			1	99	86	25
150	14384	1	-62.8		2	96	86	23	150	14262	1	-66.8			1	98	85	26	150	14250	0	-64.9			0	99	79	29
200	12550	0	-48.1	6.9	2	96	87	18	200	12464	1	-51.7	4.5	1	97	85	19	200	12439	0	-51.8			0	97	82	20	
300	9747	0	-26.3	7.0	1	84	70	7	300	9697	1	-28.5	5.3	1	92	88	9	300	9680	0	-29.5	6.8	0	85	94	8		
500	5865	0	-2.3	6.2	0	45	296	2	500	5842	0	-3.6	4.3	0	60	303	4	500	5842	0	-4.3	6.0	0	62	281	4		
700	3119	0	11.6	4.2	0	86	265	6	700	3106	0	10.7	2.5	0	91	293	8	700	3114	0	10.2	4.3	0	94	280	8		
850	1466	0	19.4	.6	0	95	257	9	850	1455	0	19.8	1.8	0	97	295	10	850	1468	0	19.5	8.2	0	96	287	10		
1003	* 14		27.8	3.6					944	* 545		25.9	3.8					1003	* 16		29.1	5.5						
ASIA - INDIA PORT BLAIR 43333 AUG 2003 1140N 09243E OB 3									ASIA - INDIA COCHIN/WILLINGDON 43353 AUG 2003 0957N 07616E OB 3									ASIA - INDIA MINICOY 43369 AUG 2003 0818N 07309E OB 3										
030									030									030										
050									050									050										
100	16576	4	-77.0						100									100										
150	14220	3	-67.6						150									150										
200	12427	2	-52.6	4.1					200	12433	7	-52.1						200	12481	7	-53.1							
300	9669	1	-29.5	6.0					300	9677	4	-29.5						300	9736	3	-30.4	4.2						
500	5835	1	-5.5	5.1					500	5834	1	-4.5	4.8					500	5899	1	-3.3	6.8	1	35	275	2		
700	3115	0	9.7	6.5	4	90	261	8	700	3113	1	9.6	5.3					700	3161	1	11.1	7.9	1	96	291	8		
850	1475	0	17.9	3.3	3	94	251	11	850	1484	0	18.2	3.0					850	1521	1	19.9	2.8	1	99	294	9		
998	* 79		26.6	2.2					1009	* 3		27.1	2.8					1009	* 2		28.1	3.2						
ASIA - INDIA THIRUVANANTHAPURAM 43371 AUG 2003 0829N 07657E OB 3									ASIA - HONG KONG, CHINA KING'S PARK 45004 AUG 2003 2219N 11410E OB 1									ASIA - REPUBLIC OF KOREA OSAN AB 47122 AUG 2003 3706N 12702E OB 3										
030									030	23995	0	-55.7	31.3	2	99	93	22	030	24235	0	-52.2	24.1	1	98	92	11		
050	20691	0	-63.4		8	99	92	21	050	20794	0	-63.8	24.6	1	99	89	21	050	20967	0	-58.3	19.3	0	71	81	4		
100	16575	0	-76.8		4	0	93	23	100	16712	0	-77.0	12.9	0	98	71	25	100	16733	0	-68.5	17.2	0	94	279	16		
150	14202	0	-66.8		2	89	86	28	150	14328	0	-64.8	12.4	0	93	72	17	150	14267	0	-60.6	18.0	0	94	276	25		
200	12404	0	-48.3		0	98	86	22	200	12511	0	-49.8	12.4	0	84	74	12	200	12432	0	-49.3	16.4	0	93	269	29		
300	9658	0	-31.0		0	89	100	9	300	9727	0	-27.7	12.9	0	69	87	7	300	9650	0	-28.6	12.9	0	93	264	24		
500	5830	0	-5.4	6.0	8	42	329	2	500	5865	0	-3.3	8.7	0	58	98	4	500	5809	0	-5.2	12.5	0	89	262	14		
700	3113	0	10.1	5.3	6	97	313	9	700	3123	0	11.7	6.7	0	60	130	5	700	3095	0	9.0	10.0	0	70	267	6		
850	1478	0	17.9	2.3	6	97	318	11	850	1472	0	19.2	3.2	0	57	152	4	850	1467	0	16.9	5.5	0	29	232	2		
1001	* 64		27.1	3.3					998	* 66		27.6	2.7					1002	* 52		23.4	2.5						

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
ASIA - REPUBLIC OF KOREA POHANG 47138 AUG 2003 3602N 12923E OB 3									ASIA - REPUBLIC OF KOREA KWANGJU AB 47158 AUG 2003 3507N 12649E OB 3									ASIA - JAPAN WAKKANAI 47401 AUG 2003 4525N 14141E OB 2								
030	24181	0	-53.0		0	97	89	11	030	24209	0	-52.6	28.1	0	98	88	12	030	24277	2	-50.1		3	86	89	4
050	20938	0	-59.4		0	90	85	6	050	20954	0	-59.5	22.0	0	96	85	7	050	20976	2	-54.2		2	25	256	1
100	16741	0	-71.0		0	84	285	11	100	16756	0	-71.2	17.1	0	82	291	10	100	16588	0	-58.6		0	94	262	18
150	14300	0	-62.5		0	88	276	19	150	14313	0	-62.1	18.7	0	86	283	16	150	14029	0	-55.5		0	93	263	33
200	12477	0	-50.3		0	88	266	21	200	12485	0	-49.5	20.4	0	87	275	18	200	12178	0	-49.9		0	92	261	42
300	9701	0	-28.4	12.9	0	91	260	20	300	9697	0	-27.6	15.5	0	88	266	17	300	9456	0	-36.5	12.8	0	90	259	29
500	5852	0	-4.7	14.1	0	89	261	12	500	5838	0	-4.0	14.4	0	90	264	11	500	5728	0	-11.0	18.0	0	92	260	16
700	3129	0	9.8	12.7	0	77	255	7	700	3113	0	10.5	12.9	0	75	258	7	700	3068	0	3.3	8.7	0	81	257	8
850	1491	0	17.1	7.7	0	20	266	2	850	1477	0	18.3	8.7	0	40	245	3	850	1466	0	12.2	6.1	0	74	247	6
1009	* 6		24.2	3.8					1007	* 13		24.2	2.8					1009	* 11		18.0	2.3				
ASIA - JAPAN SAPPORO 47412 AUG 2003 4303N 14120E OB 2									ASIA - JAPAN NEMURO 47420 AUG 2003 4320N 14535E OB 2									ASIA - JAPAN AKITA 47582 AUG 2003 3943N 14006E OB 2								
030	24256	3	-51.2		3	95	85	6	030	24253	1	-51.1		1	91	89	5	030	24227	1	-52.4		2	96	88	8
050	20969	0	-55.6		0	13	166	1	050	20968	1	-55.8		1	27	234	1	050	20964	1	-57.6		1	56	87	2
100	16636	0	-62.5		0	94	263	20	100	16640	0	-63.1		0	92	265	18	100	16701	0	-67.2		0	90	267	15
150	14122	0	-58.7		0	93	262	35	150	14128	0	-59.4		0	92	266	35	150	14235	0	-61.8		0	93	265	27
200	12285	0	-50.6		0	92	261	43	200	12298	0	-51.1		0	90	264	41	200	12416	0	-51.0		0	90	261	33
300	9539	0	-32.8	10.7	0	91	256	31	300	9553	0	-32.1	9.2	0	89	258	32	300	9650	0	-29.4	6.1	0	95	256	28
500	5769	0	-9.1	19.1	0	87	257	15	500	5772	0	-9.0	13.3	0	91	255	17	500	5824	0	-6.1	10.8	0	93	256	15
700	3091	0	5.5	10.6	0	80	255	8	700	3091	0	5.6	10.5	0	80	255	9	700	3118	0	8.2	8.7	0	86	251	9
850	1479	0	13.2	5.2	0	55	238	4	850	1481	0	13.0	5.5	0	66	236	5	850	1490	0	15.9	4.5	0	72	234	5
1008	* 26		20.0	3.7					1008	* 39		14.1	.6					1010	* 7		23.0	3.4				
ASIA - JAPAN WAJIMA 47600 AUG 2003 3723N 13654E OB 2									ASIA - JAPAN TATENO 47646 AUG 2003 3603N 14008E OB 2									ASIA - JAPAN HACHIJOJIMA/OMURE 47678 AUG 2003 3307N 13947E OB 2								
030	24204	0	-53.0		0	98	86	9	030	24193	4	-53.2		4	98	85	11	030	24179	3	-53.3		5	98	83	14
050	20954	0	-58.8		0	87	83	4	050	20948	2	-59.2		2	93	87	6	050	20943	1	-60.0		6	95	76	9
100	16732	0	-69.7		0	86	275	11	100	16747	0	-71.4		0	65	289	6	100	16760	0	-72.6		4	72	26	6
150	14290	0	-62.8		0	88	268	22	150	14319	0	-63.9		0	77	281	13	150	14345	0	-64.5		4	52	353	6
200	12471	0	-50.5		0	88	262	24	200	12507	0	-50.9		0	77	275	14	200	12535	0	-51.1		2	39	351	5
300	9697	0	-28.4	8.9	0	91	258	21	300	9733	0	-28.2	8.9	0	79	258	13	300	9765	0	-28.6	10.9	0	33	287	3
500	5851	0	-5.0	11.0	0	90	252	14	500	5879	0	-4.1	9.7	0	87	252	11	500	5908	0	-3.6	12.1	0	75	247	6
700	3133	0	8.8	7.1	0	84	247	10	700	3151	0	10.0	5.4	0	80	247	7	700	3174	0	11.1	9.9	0	78	232	6
850	1499	0	17.2	4.5	0	86	237	7	850	1508	0	18.2	3.4	0	61	211	4	850	1524	0	19.7	6.9	0	76	226	6
1009	* 14		23.7	2.6					1008	* 31		23.4	2.4					993	* 153		25.6	1.8				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
ASIA - JAPAN YONAGO 47744 AUG 2003 3526N 13321E OB 2																											
030	24190	3	-53.5		3	99	83	11	030	24173	3	-53.7		3	98	85	13	030	24178	5	-53.8		5	99	82	13	
050	20950	3	-59.9		3	96	83	6	050	20938	2	-60.3		2	98	86	8	050	20942	4	-60.4		5	99	83	9	
100	16756	0	-71.6		0	77	284	8	100	16764	0	-72.6		0	48	6	3	100	16771	0	-72.6		0	57	319	5	
150	14323	0	-63.2		0	83	272	14	150	14349	0	-64.1		0	43	301	6	150	14348	0	-63.3		0	66	288	9	
200	12503	0	-50.2		0	77	268	16	200	12533	0	-50.3		0	36	291	5	200	12528	0	-49.9		0	65	275	10	
300	9725	0	-27.9	9.3	0	86	262	15	300	9754	0	-27.9	10.4	0	50	259	6	300	9746	0	-27.5	11.1	0	72	263	9	
500	5867	0	-4.1	11.0	0	89	260	11	500	5892	0	-3.6	11.1	0	70	243	7	500	5880	0	-3.2	11.2	0	77	263	7	
700	3139	0	10.1	8.3	0	73	254	7	700	3158	0	10.7	7.4	1	78	246	6	700	3145	0	11.0	9.2	0	66	261	6	
850	1498	0	17.7	3.4	0	55	228	5	850	1513	0	18.7	3.7	0	63	211	5	850	1500	0	18.5	4.5	0	47	223	4	
1009	* 8		25.7	3.5					1003	* 75		25.8	1.7						1008	* 15		26.8	4.6				
ASIA - JAPAN KAGOSHIMA 47827 AUG 2003 3133N 13033E OB 2																											
030	24144	0	-54.0		0	99	83	14	030	24101	0	-54.7		1	99	84	18	030	24055	3	-54.4		3	99	82	20	
050	20922	0	-61.0		0	99	85	10	050	20887	0	-61.5		0	99	87	13	050	20842	2	-62.6		3	99	89	17	
100	16774	0	-73.7		0	70	33	6	100	16752	0	-74.9		0	95	62	12	100	16734	0	-76.7		0	98	67	18	
150	14360	0	-63.8		0	40	353	5	150	14346	0	-63.7		0	72	50	10	150	14339	0	-63.9		0	85	58	12	
200	12541	0	-49.8		0	31	350	4	200	12524	0	-49.6		0	64	55	9	200	12519	0	-49.6		0	73	64	10	
300	9758	0	-27.6	10.9	0	27	257	3	300	9742	0	-27.7	15.8	0	65	77	6	300	9739	0	-28.2	12.0	0	71	76	8	
500	5892	0	-2.9	10.9	0	51	258	4	500	5882	0	-3.3	12.7	0	22	90	2	500	5883	0	-3.8	10.3	0	67	99	6	
700	3153	0	11.5	7.3	0	44	247	3	700	3144	0	12.0	10.7	0	35	147	2	700	3146	0	11.6	6.3	0	59	110	5	
850	1503	0	19.3	5.3	0	27	189	2	850	1493	0	19.4	4.8	0	48	159	3	850	1494	0	19.9	4.2	0	58	120	4	
1006	* 31		28.4	5.6					975	* 295		25.7	1.5						1007	* 7		29.3	4.7				
ASIA - JAPAN NAHA 47936 AUG 2003 2612N 12741E OB 2																											
030	24077	2	-54.8		2	99	84	19	030	24077	1	-54.8		2	99	83	19	030	24080	1	-54.2		1	99	85	18	
050	20860	2	-62.1		2	99	85	16	050	20863	1	-62.3		1	99	87	16	050	20860	1	-61.6		1	99	86	15	
100	16740	0	-75.7		0	97	67	15	100	16734	0	-75.3		0	97	70	15	100	16697	0	-73.4		0	95	66	14	
150	14341	0	-63.9		0	83	53	12	150	14336	0	-64.2		0	70	61	10	150	14299	0	-65.5		0	64	46	10	
200	12522	0	-49.8		0	73	57	10	200	12519	0	-50.1		0	51	71	7	200	12498	0	-52.1		0	58	49	8	
300	9741	0	-28.2	13.2	1	63	74	7	300	9743	0	-28.6	13.3	0	50	97	6	300	9746	0	-30.0	15.6	0	58	60	5	
500	5888	0	-3.6	11.3	1	33	83	3	500	5896	0	-4.0	11.3	0	43	119	4	500	5912	0	-4.7	14.6	0	66	88	5	
700	3150	0	11.5	7.5	0	41	108	3	700	3161	0	11.4	7.8	0	52	142	4	700	3185	0	11.2	11.3	0	70	104	4	
850	1500	0	19.4	4.1	0	45	114	4	850	1510	0	19.6	4.5	0	60	146	5	850	1539	0	18.8	4.6	0	60	132	3	
1005	* 27		29.1	4.8					1008	* 20		28.1	2.0						1013	* 8		27.4	2.0				
ASIA - JAPAN CHICHIJIMA 47971 AUG 2003 2705N 14211E OB 3																											
030	24077	2	-54.8		2	99	84	19	030	24077	1	-54.8		2	99	83	19	030	24080	1	-54.2		1	99	85	18	
050	20860	2	-62.1		2	99	85	16	050	20863	1	-62.3		1	99	87	16	050	20860	1	-61.6		1	99	86	15	
100	16740	0	-75.7		0	97	67	15	100	16734	0	-75.3		0	97	70	15	100	16697	0	-73.4		0	95	66	14	
150	14341	0	-63.9		0	83	53	12	150	14336	0	-64.2		0	70	61	10	150	14299	0	-65.5		0	64	46	10	
200	12522	0	-49.8		0	73	57	10	200	12519	0	-50.1		0	51	71	7	200	12498	0	-52.1		0	58	49	8	
300	9741	0	-28.2	13.2	1	63	74	7	300	9743	0	-28.6	13.3	0	50	97	6	300	9746	0	-30.0	15.6	0	58	60	5	
500	5888	0	-3.6	11.3	1	33	83	3	500	5896	0	-4.0	11.3	0	43	119	4	500	5912	0	-4.7	14.6	0	66	88	5	
700	3150	0	11.5	7.5	0	41	108	3	700	3161	0	11.4	7.8	0	52	142	4	700	3185	0	11.2	11.3	0	70	104	4	
850	1500	0	19.4	4.1	0	45	114	4	850	1510	0	19.6	4.5	0	60	146	5	850	1539	0	18.8	4.6	0	60	132	3	
1005	* 27		29.1	4.8					1008	* 20		28.1	2.0						1013	* 8		27.4	2.0				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND									
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED				
																											hPa	gpm	°C	°C
ASIA - JAPAN MINAMITORISHIMA 47991 AUG 2003 2418N 15358E OB 3								ASIA - THAILAND UBON RATCHATHANI 48407 AUG 2003 1515N 10452E OB 1								ASIA - THAILAND BANGKOK 48455 AUG 2003 1344N 10034E OB 1														
030	24074	1	-54.4		1	99	86	20	030	24002	2	-54.4		3	99	90	25	030	23968	9	-55.4									
050	20851	1	-61.4		1	99	88	18	050	20791	0	-63.1		0	99	85	20	050	20757	3	-63.8			5	93	80	25			
100	16669	0	-72.6		0	96	75	11	100	16683	0	-79.0		0	99	85	25	100	16658	0	-79.3			0	99	85	30			
150	14265	0	-66.4		0	46	62	7	150	14318	0	-65.1		0	95	70	18	150	14303	0	-65.7	9.7		0	95	85	24			
200	12471	0	-53.2		0	41	49	7	200	12508	0	-50.1		0	84	70	10	200	12498	0	-50.6	8.7		0	94	50	13			
300	9732	0	-31.4	15.1	0	56	77	5	300	9731	0	-27.4	7.1	0	65	80	4	300	9730	0	-28.0	6.6		0	80	45	6			
500	5913	0	-5.3	16.0	0	73	83	6	500	5871	0	-3.3	4.5	0	35	215	2	500	5875	0	-3.5	4.5		0	33	250	2			
700	3190	0	10.5	9.6	0	64	97	4	700	3135	0	11.1	4.3	0	82	280	5	700	3146	0	11.0	5.5		0	89	255	8			
850	1547	0	18.2	3.7	0	60	110	4	850	1487	0	19.7	3.9	1	86	260	6	850	1498	0	19.9	5.5		0	85	250	9			
1014	* 9		27.9	3.9					994	* 127		25.4	1.1					1008	* 20		26.1	.2								
ASIA - CHINA HAILAR 50527 AUG 2003 4913N 11945E OB 3								ASIA - CHINA URUMQI 51463 AUG 2003 4347N 08737E OB 3								ASIA - CHINA BEIJING 54511 AUG 2003 3956N 11617E OB 3														
030	24281	5	-48.8	11.2	6	33	264	2	030	24225	8	-52.3	9.0	8	80	76	4	030	24224	1	-51.9			2	0	94	8			
050	20949	1	-51.3	10.4	1	86	266	6	050	20956	3	-57.7	8.3	4	50	303	2	050	20953	0	-57.7			0	67	9	2			
100	16467	0	-52.0	9.3	0	86	272	12	100	16639	0	-60.7	9.8	0	96	275	24	100	16685	0	-65.7			0	95	279	21			
150	13838	0	-51.3	8.5	0	83	272	15	150	14082	0	-54.0	9.1	0	95	270	37	150	14185	0	-58.3	18.6		0	95	278	37			
200	11976	0	-53.2	7.4	0	71	266	15	200	12207	0	-47.4	9.2	0	98	267	41	200	12332	0	-48.2	18.2		0	95	277	39			
300	9327	0	-42.4	7.2	0	63	269	12	300	9490	0	-38.5	8.7	0	92	273	23	300	9571	0	-32.8	13.5		0	94	272	31			
500	5666	0	-14.6	7.9	0	67	275	8	500	5772	0	-11.3	9.7	0	85	284	11	500	5791	0	-8.4	18.0		0	86	273	12			
700	3035	0	1.1	6.1	0	50	275	5	700	3109	0	5.4	9.0	0	71	320	5	700	3106	0	6.7	9.6		0	57	287	4			
850	1440	0	11.7	5.4	0	29	269	2	850	1487	0	17.4	11.7	0	75	332	3	850	1479	0	17.3	10.7		0	17	246	1			
938	* 611		13.8	2.4					906	* 919		18.2	9.3					1005	* 55		23.6	4.7								
ASIA - CHINA LHASA 55591 AUG 2003 2940N 09108E OB 3								ASIA - CHINA KUNMING 56778 AUG 2003 2501N 10241E OB 3								ASIA - CHINA SHANGHAI 58362 AUG 2003 3124N 12128E OB 3														
030	24038	5	-57.0		7	94	86	16	030	23988	2	-54.9		6	0	92	20	030	24204	1	-53.1			2		359	15			
050	20858	2	-65.9		2	0	88	14	050	20793	1	-64.3		4	0	83	18	050	20966	1	-60.7			1	92	5	12			
100	16834	0	-76.6		0	67	85	6	100	16759	0	-78.9		2	96	73	22	100	16825	0	-73.5			0	73	79	8			
150	14429	0	-62.6	7.7	0	40	101	4	150	14371	0	-63.5		1	0	70	20	150	14395	0	-62.1	21.2		0	77	340	10			
200	12591	0	-47.3	6.3	0	25	104	2	200	12543	0	-48.8	8.9	0	0	74	18	200	12562	0	-48.4	14.2		0	62	327	8			
300	9772	0	-24.6	6.5	0	17	238	1	300	9749	0	-26.7	10.5	0	92	80	11	300	9762	0	-26.6	12.6		0	50	283	4			
500	5868	0	-.8	2.7	0	80	223	4	500	5871	0	-2.7	7.8	0	80	89	4	500	5887	0	-2.6	13.1		0	71	245	5			
655	*3650		12.7	3.8					700	3125	0	11.6	2.7	0	40	171	2	700	3146	0	11.8	9.9		0	75	241	6			
									809	*1892		18.9	3.0					850	1492	0	21.0	7.7		0	57	219	4			
																		1007	* 4		28.3	3.8								

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
AFRICA - MADEIRA FUNCHAL 08522 AUG 2003 3238N 01654W OB 3									AFRICA - MOROCCO CASABLANCA 60155 AUG 2003 3334N 00740W OB 1									AFRICA - NIGER NIAMEY-AERO 61052 AUG 2003 1329N 00210E OB 2								
030	24161	6	-53.1		8	98	91	7	030									030	23912	7	-54.5					
050	20913	4	-58.6		7	95	100	4	050									050	20722	6	-63.2					
100	16644	4	-66.7		4	72	241	3	100	16677	7	-67.0	28.3	7	74	232	7	100	16608	3	-78.1					
150	14174	4	-61.8		5	92	262	8	150	14197	5	-60.9	28.0	5	90	260	14	150	14250	1	-67.2					
200	12361	4	-53.3		4	91	259	8	200	12379	5	-52.9	26.6	5	91	259	16	200	12452	1	-53.0					
300	9654	4	-35.8	22.8	5	83	262	6	300	9674	5	-35.8	24.6	5	85	252	11	300	9706	1	-30.7	10.5				
500	5896	4	-8.0	26.5	4	70	267	3	500	5919	4	-9.2	16.3	6	84	243	8	500	5886	1	-6.4	8.2				
700	3198	4	8.7	20.6	4	30	315	1	700	3209	4	11.8	21.3	5	77	225	6	700	3175	1	10.1	8.8				
850	1564	4	17.0	13.5	4	56	28	2	850	1552	4	23.3	24.5	5	26	157	2	850	1526	1	19.4	7.2				
1012	* 56		26.5	7.9					1009	* 62		24.1	5.3					986	* 227		27.9	45.9				
AFRICA - SENEGAL DAKAR/YOFF 61641 AUG 2003 1444N 01730W OB 3									AFRICA - OCEAN ISLANDS (UK) ST. HELENA IS. 61901 AUG 2003 1556S 00504W OB 3									AFRICA - MAURITIUS VACOAS (MAURITIUS) 61995 AUG 2003 2018S 05730E OB 3								
030	23951	0	-54.6	32.0	1	99	90	28	030	23931	12	-55.8						030								
050	20747	0	-62.9	28.6	1	98	90	20	050	20710	11	-60.3		9	54	90	4	050								
100	16619	0	-77.9	14.9	0	93	95	12	100	16579	11	-74.7		9	78	280	7	100								
150	14255	0	-67.3	13.7	0	93	95	12	150	14176	11	-65.7		9	92	272	16	150								
200	12464	0	-53.1	14.3	0	91	100	11	200	12389	11	-55.3		9	97	279	22	200	12436	3	-50.4		9	94	295	23
300	9717	0	-30.5	16.3	0	91	95	8	300	9675	11	-33.8	23.3	9	90	276	17	300	9624	3	-31.8	27.2	8	85	280	21
500	5895	0	-6.0	11.6	0	78	90	9	500	5886	11	-7.0	34.2	9	37	250	3	500	5845	3	-8.0	35.3	1	76	260	9
700	3181	0	11.0	11.3	0	82	85	10	700	3180	11	9.9	38.3	9	52	298	3	700	3156	3	6.4	30.6	3	21	200	2
850	1530	0	19.7	9.9	0	35	110	3	850	1550	11	11.0	10.7	9	85	109	7	850	1552	2	11.1	4.6	0	58	125	4
1010	* 24		27.7	3.9					971	* 436		17.1	4.1					971	* 425		16.5	1.7				
AFRICA - OCEAN ISLANDS (FRANCE) MARTIN DE VIVIES (ILE AMSTER) 61996 AUG 2003 3748S 07732E OB 2									AFRICA - OCEAN ISLANDS (FRANCE) PORT-AUX-FRANCAIS (ILES KERG) 61998 AUG 2003 4921S 07015E OB 2									AFRICA - EGYPT MERSA MATRUH 62306 AUG 2003 3120N 02713E OB 3								
030									030									030								
050	20607	2	-58.1		2	95	265	20	050	20149	7	-60.9		8	97	270	49	050	20982	5	-58.6	2.3	5	99	106	11
100	16267	0	-60.3		1	97	267	29	100	15825	5	-59.0		7	96	268	41	100	16808	3	-72.0	16.3	3	88	184	10
150	13716	0	-55.1		0	97	271	37	150	13282	4	-59.9		6	95	267	37	150	14372	2	-61.2	20.0	2	94	219	15
200	11863	0	-52.1		0	93	269	36	200	11494	4	-61.7		5	88	267	35	200	12535	2	-48.4	22.7	2	94	230	16
300	9228	0	-46.2		0	77	258	21	300	8933	4	-50.2		5	86	270	30	300	9750	2	-28.5	26.3	2	97	247	14
500	5652	0	-20.8	18.6	0	63	262	10	500	5419	4	-25.4	12.3	5	88	269	26	500	5899	1	-3.5	39.7	1	81	261	7
700	3077	0	-3.7	22.4	0	54	254	7	700	2892	4	-9.0	13.4	6	91	260	22	700	3163	1	12.0	31.6	1	78	313	5
850	1522	0	2.4	9.0	1	55	246	6	850	1367	4	-2.3	6.2	6	87	259	18	850	1515	1	20.9	20.7	1	86	323	5
1018	* 29		11.5	4.6					1004	* 30		5.1	4.7					1007	* 29		30.0	11.1				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
AFRICA - EGYPT HELWAN 62378 AUG 2003 2952N 03120E OB 3									AFRICA - EGYPT ASSWAN 62414 AUG 2003 2358N 03247E OB 3									AFRICA - SUDAN KHARTOUM 62721 AUG 2003 1536N 03233E OB 3										
030									030	24123	6	-53.2			6	99	90	17	030									
050	20959	1	-60.1	2.7	2	99	108	11	050	20889	1	-61.9			1	0	100	19	050	20745	18	-64.3			9	94	95	45
100	16822	0	-74.3	18.9	0	88	162	8	100	16787	1	-75.8			1	99	105	18	100	16638	3	-77.7			3	94	105	47
150	14399	0	-61.9	18.1	0	85	203	8	150	14383	1	-63.1			1	97	115	12	150	14270	2	-66.5			3	96	100	45
200	12564	0	-48.6	20.4	0	87	219	8	200	12556	0	-49.4	21.2		1	94	115	9	200	12470	2	-52.3			3	93	90	29
300	9777	0	-27.8	26.2	0	89	236	7	300	9776	0	-28.5	23.2		0	87	105	7	300	9715	1	-29.9	11.2		3	90	90	19
500	5914	0	-2.8	38.6	0	90	236	6	500	5928	0	-4.7	21.4		0	75	180	4	500	5888	1	-6.5	6.5		3	96	90	22
700	3165	0	14.2	48.0	0	79	251	5	700	3180	0	16.3	29.3		0	68	235	5	700	3166	1	11.8	9.5		3	88	70	14
850	1507	0	21.7	27.5	0	84	2	3	850	1502	0	27.9	28.2		0	80	315	5	850	1505	1	22.8	11.3		3	42	220	5
992	* 141		34.3	22.5					983	* 194		40.3	37.5						965	* 380		32.8	14.8					
AFRICA - ETHIOPIA ADDIS ABABA-BOLE 63450 AUG 2003 0902N 03845E OB 2									AFRICA - SEYCHELLES SEYCHELLES INT. AIRPORT 63985 AUG 2003 0440S 05532E OB 3									AFRICA - SOUTH AFRICA IRENE 68263 AUG 2003 2555S 02813E OB 3										
030									030	23815	0	-57.3	31.5		0	99	90	29	030	23928	19	-54.4			9	36	218	3
050									050	20658	0	-65.9	26.7		0	79	93	7	050	20696	13	-58.6			9	74	319	5
100	16590	0	-76.6		2	95	265	18	100	16564	0	-76.3	15.0		0	26	117	2	100	16460	12	-68.4			9	93	276	23
150	14220	0	-67.4		0	99	263	24	150	14176	0	-67.1	11.7		0	97	69	25	150	13995	9	-60.5			9	95	274	35
200	12430	0	-53.6	15.5	0	99	84	17	200	12398	0	-55.0	10.7		0	95	70	14	200	12170	8	-53.2	25.0		9	95	274	44
300	9690	0	-31.0	11.1	1	89	68	9	300	9674	0	-32.2	19.1		0	55	114	6	300	9486	5	-39.1	20.4		7	87	273	36
500	5870	0	-5.9	7.1	2	83	61	6	500	5859	0	-5.1	29.7		0	7	296	0	500	5796	5	-13.1	29.7		7	88	272	20
700	3151	0	10.5	4.9	2	20	345	5	700	3146	0	9.8	21.9		0	56	250	4	700	3147	5	3.7	28.5		7	84	285	10
772	*2354		19.4	4.9					850	1511	0	16.1	5.6		0	87	136	6	850	1567	12	9.8	16.3		9	43	123	2
									1012	* 4		26.8	5.0						853	*1523		8.8	12.0					
AFRICA - SOUTH AFRICA BETHLEHEM 68461 AUG 2003 2825S 02833E OB									AFRICA - SOUTH AFRICA SPRINGBOK 68512 AUG 2003 2967S 01790E OB									AFRICA - SOUTH AFRICA DURBAN INTNL. AIRPORT 68588 AUG 2003 2997S 03095E OB 3										
030		4	-57.2						030	23919	19	-54.9			9	99	283	14	030	23960	21	-54.2			9	90	282	10
050		4	-53.1						050	20668	5	-58.0			6	97	288	15	050	20706	13	-57.5			9	88	306	10
100		4	-43.8		9		335	40	100	16368	2	-63.6			3	97	273	29	100	16381	4	-64.6			9	96	273	27
150		4	-36.5		9	65	264	35	150	13861	2	-58.6			3	97	274	39	150	13887	3	-58.9			7	95	275	37
200		4	-30.4	27.2	9	92	264	43	200	12033	2	-54.3	19.5		4	92	273	42	200	12061	2	-53.7	20.4		8	95	274	41
300		4	-20.2	29.8	9	90	265	40	300	9384	2	-43.0	16.4		4	89	273	33	300	9415	1	-42.5	15.2		3	89	272	29
500	5319	4	-4.3	33.2	9	88	266	33	500	5742	2	-15.4	22.5		4	87	279	20	500	5772	1	-15.5	23.4		2	90	272	17
700	3034	4	8.5	31.7	7	74	273	11	700	3113	2	1.7	25.6		4	77	283	12	700	3151	1	1.5	16.9		4	77	282	9
835	*1687		16.1	20.1					850	1527	2	9.0	19.1		4	54	297	5	850	1555	1	11.5	14.9		4	49	282	5
									905	*1007		7.4	10.2						1019	* 14		15.2	3.7					

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 AUG 2003 3397S 01860E OB 3								AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 AUG 2003 3398S 02562E OB 3								AFRICA - SOUTH AFRICA GOUGH ISLAND 68906 AUG 2003 4021S 00953W OB 3										
030	23862	18	-53.6		9	96	279	20	030	23875	26	-53.6		9	0	280	22	030		8	-58.8		9	99	273	35
050	20596	8	-57.4		9	98	285	22	050	20627	24	-59.0		9	98	297	23	050		6	-59.7		6	98	268	29
100	16256	1	-60.2		2	97	273	28	100	16270	2	-61.1		8	98	274	29	100		2	-59.6		3	97	265	34
150	13714	1	-56.7		2	96	273	35	150	13727	1	-56.4		7	97	273	36	150		2	-57.5		2	96	262	39
200	11883	1	-55.4	20.6	2	91	271	38	200	11895	1	-55.5	22.6	7	96	273	38	200		2	-59.3		2	93	259	41
300	9265	0	-45.5	16.7	2	82	273	30	300	9270	0	-45.7	16.2	6	90	274	30	300		1	-47.5	11.8	3	87	265	35
500	5659	0	-18.3	22.4	2	84	278	22	500	5666	0	-18.6	21.7	6	87	279	18	500		0	-22.1	14.1	0	85	262	24
700	3069	0	-2.2	22.1	0	83	285	13	700	3076	0	-1.8	20.8	6	88	288	13	700		0	-6.2	17.8	1	85	260	18
850	1505	0	5.0	13.1	2	76	302	9	850	1505	0	7.2	12.9	7	71	280	9	850		0	.6	11.0	1	73	263	11
1015	* 46		9.6	2.8					1011	* 69		10.4	3.4					1009	* 54		8.3	3.5				
AFRICA - SOUTH AFRICA MARION ISLAND 68994 AUG 2003 4653S 03752E OB 3								N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 AUG 2003 7118N 15647W OB 3								N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 AUG 2003 6652N 16238W OB 3										
030	23403	10	-58.8		9	99	277	54	030	24280	1	-46.1	21.7	1	23	87	1	030	24286	2	-46.4	26.2	4	52	123	2
050	20189	3	-58.4		8	99	281	48	050	20892	1	-46.9	20.8	1	41	243	2	050	20907	2	-47.6	25.8	5	49	201	2
100	15840	1	-58.7		6	98	280	41	100	16294	3	-46.9	20.1	3	68	261	5	100	16332	1	-47.8	24.7	2	58	255	4
150	13287	1	-57.6		5	95	280	37	150	13603	2	-46.4	18.1	3	73	267	8	150	13655	0	-48.1	22.4	1	60	264	7
200	11482	1	-59.9	17.3	5	89	283	35	200	11694	2	-47.6	12.4	2	72	266	11	200	11765	0	-50.2	16.4	1	63	261	10
300	8915	1	-50.7	13.2	2	84	282	34	300	9053	2	-47.6	8.7	2	75	260	16	300	9132	0	-46.7	7.2	1	49	246	10
500	5402	1	-25.6	10.1	1	86	284	25	500	5492	1	-22.0	10.0	1	77	265	10	500	5550	0	-20.3	7.4	0	50	248	6
700	2883	1	-9.8	15.1	1	84	280	18	700	2939	1	-6.8	7.4	1	71	271	6	700	2975	0	-4.2	8.9	0	46	255	4
850	1363	1	-2.7	8.1	1	78	290	15	850	1401	1	-.2	7.0	3	31	278	2	850	1419	0	3.6	5.3	0	37	258	2
1004	* 21		3.8	3.4					1011	* 4		1.2	.9					1009	* 5		11.4	3.4				
N AMERICA - USA (ALASKA) NOME 70200 AUG 2003 6430N 16526W OB 3								N AMERICA - USA (ALASKA) ANCHORAGE/INT. 70273 AUG 2003 6110N 15001W OB 3								N AMERICA - USA (ALASKA) COLD BAY 70316 AUG 2003 5512N 16243W OB 3										
030	24308	1	-46.4	26.1	1	32	105	1	030	24286	2	-47.5	22.0	3	30	114	1	030	24288	1	-47.5	24.5	2	44	107	2
050	20927	1	-47.7	25.7	1	14	215	1	050	20921	2	-48.4	21.7	2	45	231	2	050	20930	1	-49.8	23.6	1	30	241	1
100	16363	1	-48.4	24.2	1	50	271	3	100	16367	3	-49.2	21.4	3	51	257	4	100	16417	1	-51.1	21.8	1	76	265	7
150	13692	1	-48.0	22.1	1	59	269	5	150	13708	3	-49.2	18.6	3	55	271	6	150	13776	1	-50.4	18.4	1	74	264	10
200	11801	1	-50.0	15.1	1	47	260	6	200	11828	3	-52.5	10.3	3	46	285	8	200	11905	1	-51.8	12.7	1	63	260	14
300	9159	1	-45.9	5.7	1	32	229	5	300	9212	2	-45.4	5.2	2	37	275	7	300	9239	1	-42.9	7.2	1	59	251	13
500	5565	1	-19.8	10.9	1	34	224	3	500	5606	1	-18.7	6.9	1	34	235	4	500	5610	1	-17.6	9.2	1	55	240	8
700	2982	1	-3.4	7.6	1	36	247	3	700	3017	1	-3.2	6.8	1	41	181	4	700	3012	1	-2.0	5.9	1	47	243	5
850	1422	1	4.5	5.4	2	33	236	2	850	1456	1	5.7	4.5	1	55	158	4	850	1444	1	5.7	3.5	1	44	242	4
1009	* 7		8.7	1.7					1006	* 40		12.1	3.4					1009	* 31		10.7	1.1				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - USA (ALASKA) YAKUTAT 70361 AUG 2003 5931N 13940W OB 3																										
030	24297	2	-48.8	22.9	2	55	104	2	030									030	24072	1	-53.6	11.2	1	99	91	18
050	20946	1	-49.4	22.2	1	65	210	2	050									050	20839	1	-60.6	8.4	1	99	89	17
100	16402	2	-49.4	21.5	2	68	247	5	100									100	16634	1	-69.7	7.1	1	89	73	7
150	13746	1	-49.3	19.4	1	60	261	7	150									150	14216	1	-66.7	7.3	1	44	358	3
200	11868	1	-51.6	12.8	2	50	273	8	200	12001	11	-49.5						200	12430	1	-54.7	8.4	1	25	344	2
300	9226	1	-45.4	6.1	1	41	275	7	300	9296	6	-41.5		6	70	276	15	300	9705	1	-32.2	12.5	1	30	7	2
500	5622	1	-18.7	7.5	1	40	258	4	500	5640	3	-15.5	12.3	3	69	279	9	500	5902	1	-6.8	7.2	1	40	83	2
700	3036	1	-3.2	7.2	2	39	195	3	700	3020	3	.0	12.3	4	68	284	6	700	3196	1	8.7	6.9	1	45	128	2
850	1475	1	5.2	5.1	2	39	174	3	850	1442	3	7.0	7.3	4	46	285	4	850	1560	1	17.6	4.0	1	69	127	4
1014	* 9		8.8	.5					1008	* 31		10.1	.6					1016	* 6		28.7	4.6				
N AMERICA - USA SHREVEPORT/REG., LA. 72248 AUG 2003 3228N 09347W OB 2																										
030	24067	5	-54.8	20.8	5	99	86	13	030	24117	1	-53.5	22.5	1	98	88	12	030	24224	2	-51.7	13.4	2	97	84	11
050	20844	4	-60.6	16.6	4	97	83	11	050	20873	1	-59.2	19.1	2	98	84	10	050	20952	1	-57.6	10.1	1	97	79	8
100	16620	2	-68.6	9.0	3	71	60	4	100	16620	1	-66.5	10.9	1	13	11	1	100	16662	1	-65.1	8.6	1	55	1	3
150	14188	2	-66.1	7.5	3	40	340	5	150	14165	1	-65.5	7.9	3	32	273	4	150	14180	1	-61.5	9.1	1	53	309	6
200	12398	2	-54.4	8.9	2	46	338	6	200	12381	1	-55.6	7.7	1	34	248	5	200	12367	1	-53.5	10.2	1	62	305	10
300	9685	2	-33.5	12.4	2	43	9	5	300	9674	1	-34.1	10.0	1	47	231	6	300	9653	1	-34.8	12.5	1	54	301	7
500	5894	3	-6.9	12.2	3	21	19	2	500	5893	1	-7.6	12.2	2	70	244	7	500	5880	1	-7.7	16.3	1	50	291	4
700	3191	2	8.5	7.7	2	22	69	2	700	3196	1	7.6	8.0	2	67	238	6	700	3186	1	7.3	7.1	1	48	279	3
850	1554	2	18.5	5.6	2	32	162	2	850	1567	1	16.5	4.5	2	69	237	5	850	1556	1	17.0	5.3	1	54	266	3
1006	* 79		24.0	1.5					1017	* 11		22.9	1.1					996	* 180		20.6	1.1				
N AMERICA - USA STERLING, VA. 72403 AUG 2003 3859N 07728W OB 3																										
030	24165	1	-52.8	22.8	1	98	83	10	030	24176	1	-52.9	23.4	1	97	85	9	030	24224	1	-52.1	13.7	1	96	86	8
050	20906	1	-57.5	19.7	1	93	83	6	050	20923	1	-58.5	19.9	1	93	83	6	050	20955	1	-57.3	11.8	2	82	99	4
100	16612	2	-64.4	13.1	2	52	290	3	100	16652	1	-65.9	13.0	1	46	330	3	100	16609	1	-60.3	11.2	3	87	213	8
150	14125	2	-62.5	10.2	2	54	267	9	150	14188	1	-62.9	11.7	1	67	304	10	150	14067	1	-57.0	11.6	4	93	219	16
200	12327	2	-55.0	8.6	2	56	252	12	200	12387	1	-54.5	10.3	1	59	296	12	200	12228	1	-53.2	11.2	3	84	216	21
300	9627	2	-35.0	9.9	2	59	238	11	300	9682	1	-34.4	12.6	1	52	300	9	300	9543	1	-37.5	13.2	1	84	211	19
500	5861	2	-8.7	10.3	2	64	252	8	500	5901	1	-7.6	14.1	1	40	303	5	500	5814	1	-10.5	19.0	1	79	211	11
700	3174	2	6.6	7.3	2	77	259	7	700	3190	1	11.3	13.1	1	35	246	3	700	3138	1	6.3	16.7	1	83	203	7
850	1551	2	15.8	5.9	2	72	276	4	850	1537	1	21.1	10.7	1	64	208	6	850	1518	1	14.4	8.0	1	24	121	1
1008	* 98		20.2	1.1					920	* 849		17.7	3.2					970	* 405		16.7	5.6				
N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 AUG 2003 4108N 10041W OB 3																										
030	24176	1	-52.9	23.4	1	97	85	9	030	24176	1	-52.9	23.4	1	97	85	9	030	24224	1	-52.1	13.7	1	96	86	8
050	20923	1	-58.5	19.9	1	93	83	6	050	20923	1	-58.5	19.9	1	93	83	6	050	20955	1	-57.3	11.8	2	82	99	4
100	16652	1	-65.9	13.0	1	46	330	3	100	16652	1	-65.9	13.0	1	46	330	3	100	16609	1	-60.3	11.2	3	87	213	8
150	14188	1	-62.9	11.7	1	67	304	10	150	14188	1	-62.9	11.7	1	67	304	10	150	14067	1	-57.0	11.6	4	93	219	16
200	12387	1	-54.5	10.3	1	59	296	12	200	12387	1	-54.5	10.3	1	59	296	12	200	12228	1	-53.2	11.2	3	84	216	21
300	9682	1	-34.4	12.6	1	52	300	9	300	9682	1	-34.4	12.6	1	52	300	9	300	9543	1	-37.5	13.2	1	84	211	19
500	5901	1	-7.6	14.1	1	40	303	5	500	5901	1	-7.6	14.1	1	40	303	5	500	5814	1	-10.5	19.0	1	79	211	11
700	3190	1	11.3	13.1	1	35	246	3	700	3190	1	11.3	13.1	1	35	246	3	700	3138	1	6.3	16.7	1	83	203	7
850	1537	1	21.1	10.7	1	64	208	6	850	1537	1	21.1	10.7	1	64	208	6	850	1518	1	14.4	8.0	1	24	121	1
920	* 849		17.7	3.2					920	* 849		17.7	3.2					970	* 405		16.7	5.6				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - USA CHANHASSEN, MN 72649 AUG 2003 4451N 09334W OB 2							N AMERICA - USA INT. FALLS/FALLS INT.MN. 72747 AUG 2003 4834N 09323W OB 3							N AMERICA - USA BISMARCK/MUN., ND. 72764 AUG 2003 4646N 10045W OB 3												
030	24216	1	-52.0	23.9	1	66	98	5	030	24250	5	-50.9	22.4	6	92	84	6	030	24271	1	-50.6	13.6	3	95	80	5
050	20946	1	-57.2	21.7	2	85	67	4	050	20970	5	-56.3	19.8	5	77	51	3	050	20984	1	-56.2	11.2	4	71	69	3
100	16622	2	-62.5	16.6	2	76	307	7	100	16605	3	-60.0	17.2	3	85	302	8	100	16642	0	-61.7	9.7	3	82	278	8
150	14114	1	-60.1	14.1	1	52	305	11	150	14072	2	-58.1	14.7	2	87	303	14	150	14126	0	-59.6	9.8	4	89	283	14
200	12294	2	-53.8	11.6	2	74	301	20	200	12244	2	-53.9	10.8	2	81	298	20	200	12310	0	-54.5	10.3	4	84	284	19
300	9600	2	-36.3	13.9	2	70	307	15	300	9556	2	-37.2	10.3	2	75	303	15	300	9613	0	-35.8	13.1	2	81	280	16
500	5850	1	-8.9	19.0	2	66	304	10	500	5818	2	-10.2	13.6	2	69	304	9	500	5858	0	-8.6	15.4	2	70	273	9
700	3166	0	6.7	11.6	2	52	290	6	700	3141	2	6.0	13.7	2	62	294	6	700	3161	0	9.2	16.4	1	52	284	5
850	1542	1	15.8	8.3	3	51	269	5	850	1524	2	15.0	8.3	2	48	285	3	850	1525	0	18.3	10.9	1	39	209	4
983	* 287		18.2	2.5					974	* 361		14.7	1.1					957	* 506		16.6	4.1				
N AMERICA - USA GREAT FALLS, MT 72649 AUG 2003 4451N 09334W OB 2							N AMERICA - USA SPOKANE, WA 72747 AUG 2003 4834N 09323W OB 3							N AMERICA - CANADA NORMAN WELLS UA, N.W.T. 71043 AUG 2003 6517N 12645W OB 3												
030	24267	1	-51.1	12.0	1	89	84	5	030	24270	5	-51.3	12.8	5	85	77	5	030	24314	0	-47.4	30.3		3		
050	20985	1	-56.2	9.9	1	58	95	2	050	20983	4	-55.3	11.3	4	41	94	2	050	20949	0	-48.8	29.7	2	74	238	3
100	16629	1	-61.4	8.6	1	90	246	9	100	16603	4	-58.8	9.8	4	86	236	9	100	16375	0	-48.0	29.2	0	90	245	7
150	14100	1	-57.9	9.0	1	89	250	18	150	14047	4	-55.7	10.0	5	89	234	19	150	13705	0	-48.1	26.8	0	79	247	9
200	12271	1	-54.1	9.0	1	88	248	24	200	12209	4	-54.1	9.5	4	85	229	26	200	11816	0	-50.8	16.7	0	75	256	11
300	9579	1	-36.8	10.5	1	83	245	20	300	9529	4	-37.8	10.4	4	80	224	22	300	9187	0	-46.3	5.6	1	59	261	10
500	5841	1	-10.1	14.3	2	82	246	13	500	5804	3	-11.2	13.5	4	85	224	14	500	5589	0	-19.3	7.4	0	73	266	8
700	3152	1	9.0	13.2	2	70	247	5	700	3135	3	6.2	12.8	4	79	214	7	700	3004	0	-3.3	4.7	0	70	281	6
850	1511	1	19.6	16.9	4	54	230	4	850	1511	3	17.5	17.6	6	69	227	4	850	1440	0	6.4	6.4	0	63	294	5
888	*1131		15.6	9.1					931	* 728		13.9	8.3					1002	* 95		9.7	2.8				
N AMERICA - CANADA HALL BEACH UA, N.W.T. 71081 AUG 2003 6846N 08113W OB 3							N AMERICA - CANADA ALERT UA, N.W.T. 71082 AUG 2003 8230N 06220W OB 3							N AMERICA - CANADA PORT HARDY UA, B.C. 71109 AUG 2003 5041N 12722W OB 3												
030	24304	0	-46.6	33.0	3	42	87	2	030	24354	0	-44.9	33.6	4	64	137	4	030	24300	1	-50.2	27.8	1	61	83	3
050	20925	0	-48.0	32.2	5	37	297	2	050	20937	0	-44.7	33.0	5	59	167	4	050	20990	1	-53.4	26.4	3	48	183	2
100	16341	0	-46.4	32.1	2	69	275	6	100	16288	0	-43.7	33.5	3	65	185	6	100	16533	1	-53.1	25.3	1	91	228	11
150	13643	0	-44.9	31.6	2	71	277	10	150	13558	0	-43.0	33.4	3	67	193	7	150	13913	1	-51.7	21.9	1	90	233	17
200	11724	0	-45.9	27.1	4	68	276	12	200	11616	0	-43.3	29.5	3	66	194	9	200	12041	2	-52.4	13.4	2	76	235	19
300	9052	0	-46.6	8.2	3	58	274	14	300	8934	0	-48.3	8.5	3	59	196	12	300	9384	1	-41.3	8.2	1	68	240	16
500	5481	0	-21.8	8.8	1	55	281	9	500	5404	0	-25.0	6.2	3	65	201	9	500	5719	1	-14.9	13.5	1	70	235	11
700	2926	0	-6.9	7.3	1	49	289	6	700	2884	0	-10.5	8.9	3	74	211	7	700	3093	1	.6	11.4	1	52	230	5
850	1391	0	-.4	4.2	2	42	308	4	850	1368	0	-2.8	7.5	2	71	225	6	850	1510	1	8.4	7.0	1	38	208	3
1009	* 6		4.4	2.5					1004	* 65		2.8	4.3					1016	* 17		11.8	1.8				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - CANADA EDMONTON STONY PLAIN, ALTA 71119 AUG 2003 5332N 11406W OB 3									N AMERICA - CANADA SABLE ISLAND, N.S. 71600 AUG 2003 4356N 06001W OB 3									N AMERICA - CANADA YARMOUTH, N.S. 71603 AUG 2003 4352N 06606W OB 3								
030	24299	1	-50.0	30.2	0	62	69	3	030	24213	0	-51.3	31.8	0	93	82	7	030	24219	1	-51.3	27.8	1	92	79	7
050	20993	0	-53.4	28.8	0	25	261	1	050	20927	0	-55.4	30.4	1	45	74	2	050	20933	1	-55.7	24.9	3	53	74	2
100	16555	0	-55.4	26.6	0	90	250	11	100	16567	0	-61.4	24.6	0	84	283	9	100	16582	1	-61.0	19.2	2	85	282	8
150	13954	0	-52.8	23.3	0	91	248	20	150	14051	0	-61.1	16.7	1	90	276	20	150	14066	1	-61.3	13.8	1	86	271	18
200	12096	0	-53.4	12.5	0	88	247	27	200	12246	0	-55.4	11.4	0	86	277	23	200	12259	1	-55.0	9.9	1	81	272	22
300	9434	0	-40.5	10.3	0	85	246	24	300	9556	0	-36.0	13.2	1	84	268	22	300	9563	1	-36.2	9.6	1	80	270	19
500	5748	0	-13.8	11.9	0	87	248	14	500	5808	0	-9.9	14.2	0	91	271	16	500	5816	1	-9.8	11.9	1	83	271	14
700	3107	0	3.5	7.2	1	79	250	8	700	3135	0	5.0	13.5	0	89	271	12	700	3140	1	5.3	11.4	1	84	268	11
850	1498	0	13.9	10.0	0	5	236	1	850	1526	0	12.5	8.3	0	86	267	9	850	1526	0	13.1	6.5	0	77	267	8
927	* 766		12.7	3.8					1016	* 4		18.7	2.3					1012	* 9		17.2	1.4				
N AMERICA - CANADA MANIWAKI, QUE. 71722 AUG 2003 4623N 07558W OB 3									N AMERICA - CANADA ST. JOHN'S UA, NFLD. 71801 AUG 2003 4737N 05245W OB 3									N AMERICA - CANADA SEPT-ILES UA, QUE. 71811 AUG 2003 5013N 06615W OB 3								
030	24249	0	-50.6	29.2	0	88	74	5	030	24235	1	-50.7	29.9	2	88	83	6	030	24295	0	-48.9	31.2	0	65	55	3
050	20950	0	-54.6	27.4	3	35	50	2	050	20930	1	-53.6	29.1	1	37	78	2	050	20967	0	-52.4	29.9	1	33	356	2
100	16571	0	-59.0	22.5	0	82	288	8	100	16512	1	-57.0	25.7	1	83	283	11	100	16522	0	-55.4	26.5	0	87	291	10
150	14019	0	-56.8	18.1	0	79	281	16	150	13945	1	-55.9	20.7	0	83	281	20	150	13927	0	-53.3	22.8	0	88	281	17
200	12187	0	-54.1	12.3	1	70	273	22	200	12109	3	-54.5	13.3	4	83	275	28	200	12070	1	-52.0	16.4	1	84	280	22
300	9503	0	-37.4	10.4	0	70	280	19	300	9449	1	-39.2	10.8	1	78	280	24	300	9398	0	-40.2	9.1	0	77	281	19
500	5775	0	-11.0	17.9	1	73	286	12	500	5740	1	-12.9	14.0	0	79	276	15	500	5705	0	-13.0	10.9	0	77	283	11
700	3113	0	4.0	12.0	0	72	286	8	700	3097	1	2.1	13.9	0	79	272	10	700	3065	0	1.2	10.7	0	61	279	6
850	1510	0	11.7	7.8	0	60	291	5	850	1506	1	9.3	8.8	0	73	268	8	850	1479	0	9.2	6.7	0	41	293	3
993	* 173		15.1	1.2					1000	* 140		16.1	3.5					1007	* 53		13.2	2.8				
N AMERICA - CANADA STEPHENVILLE UA, NFLD. 71815 AUG 2003 4834N 05834W OB 3									N AMERICA - CANADA GOOSE UA, NFLD. 71816 AUG 2003 5318N 06022W OB 3									N AMERICA - CANADA LA GRANDE IV, QUE. 71823 AUG 2003 5345N 07340W OB 3								
030	24237	1	-50.4	30.6	2	77	72	4	030	24276	2	-49.0	29.8	2	60	68	3	030	24278	3	-49.3	28.9	8	52	79	2
050	20929	1	-53.4	29.7	2	25	58	1	050	20942	2	-51.5	29.6	3	30	20	1	050	20947	3	-52.4	26.8	9	39	333	2
100	16508	1	-57.0	27.5	1	83	286	10	100	16467	0	-53.3	29.0	1	72	294	8	100	16487	2	-53.6	25.2	9	89	296	8
150	13933	1	-55.5	22.0	1	86	281	20	150	13844	0	-51.0	27.3	0	78	287	13	150	13871	2	-51.6	22.4	8	90	286	13
200	12093	1	-54.1	14.0	2	84	279	28	200	11973	0	-51.6	16.6	1	74	287	18	200	12010	0	-51.9	15.4	9	81	280	16
300	9418	1	-39.0	11.1	1	80	278	24	300	9306	0	-41.9	11.3	0	61	286	15	300	9340	0	-41.3	10.6	9	69	286	14
500	5721	1	-13.4	15.8	1	82	276	13	500	5645	0	-15.0	16.1	0	61	286	10	500	5673	0	-14.9	10.7	8	65	287	9
700	3080	1	1.9	11.3	1	80	277	10	700	3026	0	-.7	11.6	0	58	294	7	700	3050	0	-.2	8.3	8	54	286	6
850	1490	1	9.5	7.9	1	65	262	6	850	1451	0	7.0	6.6	0	50	289	5	850	1469	0	7.6	8.3	8	42	280	4
1012	* 60		17.1	4.3					1006	* 36		14.9	6.5					977	* 307		12.1	3.0				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - CANADA MOOSONEE, ONT. 71836 AUG 2003 5116N 08039W OB 3									N AMERICA - CANADA PICKLE LAKE, ONT. 71845 AUG 2003 5127N 09012W OB 2									N AMERICA - CANADA THE PASS UA, MAN 71867 AUG 2003 5358N 10106W OB 3								
030	24284	0	-49.5	31.7	2	66	67	3	030	24271	0	-50.0	32.5	0	66	76	3	030	24295	0	-50.2	28.2	0	65	79	3
050	20968	0	-53.4	30.0	4	47	357	2	050	20970	0	-54.4	31.1	1	45	360	2	050	20989	0	-53.8	27.2	0	51	319	2
100	16542	0	-55.6	27.2	2	85	299	9	100	16558	0	-56.8	27.9	0	91	302	9	100	16566	0	-55.9	24.7	0	87	276	10
150	13947	0	-53.4	23.6	2	82	294	15	150	13988	0	-55.4	24.0	0	89	299	17	150	13979	0	-53.8	22.5	1	92	274	21
200	12088	0	-52.3	15.0	3	76	293	18	200	12141	0	-53.0	15.6	0	85	299	22	200	12125	0	-53.6	12.3	2	88	275	27
300	9410	0	-39.9	11.0	2	72	293	15	300	9469	0	-38.9	12.6	0	79	300	19	300	9460	0	-39.8	9.3	0	86	275	23
500	5721	0	-13.6	10.8	2	68	301	10	500	5760	0	-11.9	17.3	0	75	297	11	500	5763	0	-12.9	15.4	0	83	278	13
700	3080	0	2.4	12.5	2	60	298	7	700	3104	0	3.6	12.5	0	65	301	7	700	3114	0	3.3	12.7	0	72	285	8
850	1487	0	9.9	6.4	2	43	299	4	850	1504	0	11.2	6.6	0	46	303	4	850	1510	0	13.0	9.1	0	50	281	4
1013	* 10		13.9	3.2					971	* 389		14.7	1.8					983	* 274		15.2	2.9				
N AMERICA - CANADA KUUSJUAQ, UA, QUE. 71906 AUG 2003 5807N 06825W OB 3									N AMERICA - CANADA INUKJUAQ, QUE 71907 AUG 2003 5827N 07807W OB 3									N AMERICA - CANADA IQALUIT, N.W.T. 71909 AUG 2003 6345N 06833W OB 3								
030	24313	2	-48.3	30.1	3	42	77	2	030	24295	0	-48.3	30.4	1	47	77	2	030	24300	1	-47.5	29.1	7	35	199	2
050	20964	2	-50.6	29.9	1	20	319	1	050	20955	0	-51.0	29.7	1	38	330	2	050	20936	0	-49.2	28.3	6	35	270	2
100	16455	1	-51.2	29.6	1	68	292	6	100	16456	1	-51.5	29.4	1	78	299	7	100	16390	0	-49.1	27.8	7	53	280	6
150	13811	1	-49.1	26.7	0	74	289	10	150	13816	1	-49.8	27.4	1	85	293	12	150	13720	0	-47.5	26.5	9	58	279	9
200	11923	1	-50.0	16.9	0	69	290	12	200	11932	1	-50.3	18.9	3	82	294	15	200	11821	0	-48.6	18.1	8	52	275	10
300	9249	0	-42.4	9.4	0	54	291	11	300	9257	1	-42.0	10.1	1	76	292	14	300	9159	1	-44.0	7.7	8	42	277	9
500	5606	0	-17.1	10.8	0	66	289	9	500	5615	1	-17.0	12.9	1	72	292	10	500	5537	0	-18.3	8.8	7	43	293	7
700	3004	0	-2.3	8.4	0	63	289	7	700	3007	1	-1.1	11.1	1	65	289	7	700	2949	0	-3.9	7.6	7	33	317	4
850	1439	0	4.9	4.2	0	65	282	6	850	1435	1	6.2	11.3	1	45	287	5	850	1396	0	2.0	4.9	7	27	335	3
1006	* 60		11.0	3.8					1008	* 6		10.1	2.8					1005	* 34		6.9	3.1				
N AMERICA - CANADA CHURCHILL UA, MAN. 71913 AUG 2003 5844N 09405W OB 3									N AMERICA - CANADA CORAL HARBOUR UA, N.W.T. 71915 AUG 2003 6412N 08322W OB 3									N AMERICA - CANADA EUREKA UA, N.W.T. 71917 AUG 2003 7959N 08556W OB 3								
030	24289	3	-49.1	28.7	4	36	47	2	030	24333	2	-46.7	31.7	9	59	49	3	030	24326	1	-45.1	31.6	6	37	151	1
050	20965	3	-52.0	27.3	5	71	333	4	050	20964	2	-48.8	31.1	9	47	315	3	050	20914	0	-45.2	31.7	6	43	180	2
100	16482	3	-52.4	26.3	3	90	290	10	100	16418	2	-48.7	31.1	9	82	292	10	100	16270	0	-43.5	31.7	3	69	212	4
150	13844	3	-49.7	25.3	3	91	285	16	150	13744	2	-47.3	29.5	9	80	282	14	150	13538	0	-42.6	31.1	3	67	216	5
200	11960	3	-49.9	18.8	3	87	281	21	200	11844	2	-47.8	21.0	9	80	278	19	200	11596	0	-43.1	27.9	3	61	213	6
300	9303	1	-42.7	9.3	1	80	285	20	300	9175	2	-43.9	10.1	8	68	282	18	300	8895	0	-47.3	10.1	4	41	204	7
500	5658	1	-16.2	8.8	1	79	287	13	500	5564	2	-19.3	12.3	9	73	281	13	500	5381	0	-26.8	5.1	3	39	210	5
700	3043	1	-4	11.3	1	72	291	8	700	2982	2	-3.8	9.2	9	72	281	9	700	2874	0	-11.6	6.1	1	52	213	5
850	1466	1	7.5	8.5	1	59	296	6	850	1428	2	2.9	6.5	9	61	279	6	850	1365	0	-4.5	4.9	3	60	193	4
1010	* 29		11.1	1.4					1004	* 57		5.9	2.1					1007	* 10		2.1	3.2				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - CANADA RESOLUTE UA, N.W.T. 71924 AUG 2003 7442N 09458W OB 3									N AMERICA - CANADA CAMBRIDGE BAY UA, N.W.T. 71925 AUG 2003 6908N 10504W OB 3									N AMERICA - CANADA BAKER LAKE UA, N.W.T. 71926 AUG 2003 6419N 09600W OB 3								
030	24330	1	-45.4	32.8	5	36	111	2	030	24308	1	-46.9	31.1	0	20	59	1	030	24316	2	-47.5	34.0	4	30	41	1
050	20930	1	-46.0	32.6	4	17	256	1	050	20937	1	-48.2	31.0	0	67	272	3	050	20962	2	-49.7	32.2	4	53	299	3
100	16302	1	-44.3	32.1	3	66	260	5	100	16354	1	-46.5	29.0	0	88	270	9	100	16416	1	-49.0	31.7	3	87	276	10
150	13578	1	-43.5	31.7	5	82	270	8	150	13660	1	-46.1	27.3	0	88	272	11	150	13742	1	-47.3	30.8	3	84	273	14
200	11644	1	-43.9	26.0	6	77	272	10	200	11754	1	-48.4	19.3	0	84	275	14	200	11844	1	-48.9	22.6	3	80	281	16
300	8964	0	-47.4	8.5	4	63	284	12	300	9108	0	-46.3	7.0	0	76	279	16	300	9192	1	-45.4	7.9	3	69	285	16
500	5426	0	-24.8	7.5	3	58	286	8	500	5522	0	-20.4	10.5	0	69	282	11	500	5583	1	-18.6	9.5	3	64	289	10
700	2900	0	-9.9	8.1	4	53	290	5	700	2952	0	-5.5	9.2	0	59	277	7	700	2995	1	-3.4	7.3	3	57	291	7
850	1382	0	-2.8	5.2	4	41	300	4	850	1407	0	.8	6.2	0	36	272	3	850	1437	1	4.2	6.6	3	42	284	4
1002	* 40		.2	1.1					1008	* 26		4.1	1.3					1010	* 50		8.8	1.7				
N AMERICA - CANADA FORT SMITH UA, N.W.T. 71934 AUG 2003 6002N 11156W OB 3									N AMERICA - CANADA FORT NELSON UA, B.C. 71945 AUG 2003 5850N 12236W OB 3									N AMERICA - CANADA INUVIK UA, N.W.T. 71957 AUG 2003 6819N 13332W OB 3								
030	24311	0	-49.4	30.3	0	23	60	1	030	24323	4	-48.9	31.6	5	31	124	1	030	24313	0	-46.7	29.9	2	9	90	1
050	20979	0	-51.1	29.5	0	50	265	2	050	20988	4	-50.6	30.8	6	51	246	2	050	20934	0	-47.4	29.3	2	74	226	3
100	16470	0	-50.7	28.8	0	88	256	10	100	16465	3	-50.1	30.5	5	95	239	10	100	16343	0	-47.1	28.7	2	86	249	7
150	13819	0	-49.2	26.4	0	87	256	14	150	13813	3	-49.3	27.1	5	87	242	12	150	13660	0	-47.0	26.3	2	83	258	9
200	11935	0	-50.5	16.9	0	80	254	16	200	11933	3	-51.0	17.2	5	71	244	13	200	11762	0	-49.4	16.8	2	81	261	12
300	9283	0	-43.4	9.0	0	62	255	14	300	9277	3	-44.1	8.2	4	60	239	12	300	9129	0	-47.3	5.3	3	74	258	15
500	5646	0	-16.6	15.5	1	73	258	11	500	5653	3	-17.6	10.8	3	64	253	7	500	5549	0	-20.4	6.2	1	81	261	11
700	3038	0	-.8	8.1	0	70	258	7	700	3050	3	-1.7	5.0	3	67	271	6	700	2979	0	-4.7	3.6	1	83	266	8
850	1459	0	8.7	5.8	0	68	266	6	850	1472	3	9.3	8.2	4	53	283	4	850	1425	0	4.1	4.0	1	64	272	5
988	* 203		10.4	2.3					968	* 378		9.6	2.1					1003	* 103		7.1	1.6				
N AMERICA - CANADA WHITEHORSE, UA, Y.T. 71964 AUG 2003 6042N 13504W OB 3									N AMERICA - JAMAICA KINGSTON/NORMAN MANLEY 78397 AUG 2003 1756N 07647W OB 3									N AMERICA - TRINIDAD AND TOBAGO PIARCO INT. AIRPORT, TRINIDAD 78970 AUG 2003 1037N 06121W OB 2								
030	24332	7	-47.9	31.9		5			030									030	23940	9	-55.9					
050	20974	7	-49.4	31.8	7	45	229	2	050									050	20746	6	-63.8					
100	16418	4	-49.2	30.2	5	73	237	6	100									100	16620	5	-75.7					
150	13747	4	-48.7	26.0	5	70	241	8	150									150	14227	4	-66.6					
200	11863	4	-50.8	15.2	4	45	247	7	200									200	12440	3	-54.0					
300	9229	3	-45.5	5.4	3	28	238	5	300	9696	17	-32.8	7.7					300	9707	2	-31.7	15.2	2	59	95	5
500	5620	3	-18.8	7.2	4	30	235	3	500									500	5894	1	-5.8	15.0	1	51	100	6
700	3034	3	-3.1	7.6	3	34	245	3	700	3186	18	9.9	8.6					700	3181	0	9.3	8.2	0	59	115	7
850	1468	3	6.6	7.2	3	51	190	4	850	1547	19	18.1	3.2					850	1542	0	18.0	5.0	0	34	75	4
932	* 704		7.0	4.7					1014	* 14		27.6	6.1					1013	* 15		26.8	2.4				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - CURACAO AND BONAIRE HATO AIRPORT, CURACAO 78988 AUG 2003 1212N 06858W OB 3									N AMERICA - COLOMBIA SAN ANDRES (ISLA)/SESQUICENT 80001 AUG 2003 1235N 08143W OB 2									S AMERICA - COLOMBIA BOGOTA/ELDORADO 80222 AUG 2003 0442N 07408W OB 3								
030	23964	16	-55.3		9	99	91	28	030									030	23798	15	-57.0		9	99	88	
050	20761	14	-63.2		9	99	89	19	050									050	20642	14	-65.8		9	36	125	8
100	16621	3	-75.0		3	85	94	6	100									100	16560	9	-76.5		9	73	270	20
150	14226	1	-67.0		1	30	326	3	150									150	14201	7	-68.6		9	39	357	8
200	12439	1	-53.5		1	24	346	3	200	12437	23	-53.6		9	79	63	12	200	12418	6	-54.2		9	55	64	10
300	9703	1	-31.3	12.1	1	40	92	3	300	9695	5	-31.0	17.4	9	32	22	4	300	9726	1	-31.3	9.6	9	78	105	10
500	5886	0	-6.3	10.7	0	92	98	7	500	5875	6	-5.9	7.9	6	34	148	4	500	5865	1	-6.1	5.2	1	81	112	10
700	3169	0	10.2	9.4	0	94	108	9	700	3160	4	9.7	6.9	4	75	106	8	700	3155	1	8.3	4.1	1	92	125	10
850	1526	0	19.0	5.3	1	95	113	10	850	1519	4	17.9	1.8	4	73	88	10	753	*2546		9.3	1.3				
1006	* 62		27.2	3.7					1011	* 6		27.2	1.7													
S AMERICA - COLOMBIA LAS GAVIOTAS 80241 AUG 2003 0433N 07055W OB 2									S AMERICA - COLOMBIA LETICIA/VASQUEZ COBO 80398 AUG 2003 0433S 06932W OB 2									S AMERICA - BRAZIL BELEM (AEROPORTO) 82193 AUG 2003 0123S 04829W OB 2								
030	23794	22	-58.3		9	99	91	48	030	23806	9	-51.5		9	98	93	50	030	23956	6	-54.2	26.2	9	99	94	29
050	20636	18	-66.6		9	37	31	6	050	20643	8	-65.2		9	42	25	10	050	20765	6	-63.9	21.9	6	91	81	11
100	16553	18	-77.5		9	72	254	16	100	16565	7	-77.7		9	73	255	14	100	16636	5	-76.5	14.2	5	53	70	4
150	12588	18	-53.6		9	30	239	4	150	14202	6	-67.8		9	44	327	10	150	14249	4	-66.0	14.9	4	85	270	11
200									200	12419	3	-54.3		9	63	46	12	200	12452	3	-52.4	16.5	4	70	266	7
300	9678	18	-30.8	7.3	9	71	130	10	300	9697	2	-31.5	10.5	9	92	103	12	300	9710	3	-31.3	20.0	3	36	84	3
500	5852	18	-6.0	3.4	9	85	110	10	500	5868	1	-6.1	5.7	9	90	96	12	500	5887	3	-6.1	22.7	3	86	83	6
700	3141	18	8.5	2.3	9	90	89	10	700	3159	1	8.5	3.3	9	93	91	12	700	3179	3	8.2	10.9	3	88	98	7
850	1504	18	17.7	2.6	9	73	52	8	850	1523	1	17.3	3.3	9	90	75	12	850	1543	4	18.6	6.0	3	97	121	8
991	* 167		22.8	.3					1003	* 84		23.3	.6					1013	* 16		27.4	3.4				
S AMERICA - BRAZIL MANAUS (AEROPORTO) 82332 AUG 2003 0309S 05959W OB 2									S AMERICA - BRAZIL FORTALEZA 82397 AUG 2003 0346S 03836W OB									S AMERICA - BRAZIL NATAL (AEROPORTO) 82599 AUG 2003 0555S 03515W OB 2								
030	23954	4	-55.6	34.8	6	99	95	28	030	23835	13	-56.7		9	98	94	29	030	23984	11	-54.2	26.6	9	99	92	29
050	20764	2	-64.5	19.1	2	86	87	9	050	20671	3	-65.9		3	86	85	9	050	20780	8	-63.7	23.3	8	88	86	7
100	16629	2	-74.2	11.5	2	31	107	2	100	16578	3	-77.4		4	35	95	3	100	16638	8	-75.6	16.7	8	31	80	2
150	14241	2	-66.3	12.5	2	86	267	12	150	14206	3	-67.2		4	78	286	11	150	14247	8	-65.8	17.8	8	86	284	13
200	12444	2	-53.3	13.4	2	84	277	11	200	12419	3	-54.1		4	75	272	9	200	12449	7	-53.2	19.4	7	85	278	11
300	9705	2	-31.3	16.3	2	9	332	1	300	9691	3	-31.8	30.1	3	50	32	4	300	9712	6	-31.3	25.3	6	67	33	5
500	5887	2	-6.3	13.1	2	92	79	6	500	5880	3	-6.2	31.3	4	69	82	6	500	5890	5	-6.1	29.2	5	71	83	5
700	3180	2	7.9	4.3	2	99	97	8	700	3174	3	9.1	22.6	4	93	90	7	700	3181	5	9.6	22.8	5	82	108	5
850	1545	2	17.6	2.0	2	92	87	8	850	1544	3	15.7	7.9	4	97	137	11	850	1550	5	14.8	2.7	5	94	129	9
1005	* 84		25.9	1.9					1013	* 26		26.9	6.6					1013	* 52		27.2	3.7				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
S AMERICA - BRAZIL FLORIANO 82678 AUG 2003 0646S 04301W OB 2									S AMERICA - BRAZIL CAROLINA 82765 AUG 2003 0720S 04728W OB 2									S AMERICA - BRAZIL PORTO VELHO (AEROPORTO) 82824 AUG 2003 0846S 06355W OB									
030	23860	16	-57.1						030									030	23847	16	-54.9						
050	20688	4	-64.7		8	84	83	8	050	20711	15	-64.1		9	83	85	8	050	20661	15	-63.5						
100	16586	2	-77.0		5	27	2	2	100	16605	8	-76.3		9	46	321	3	100	16553	15	-75.6			9	46	301	3
150	14208	1	-66.9		3	88	278	12	150	14222	5	-67.3		7	92	268	12	150	14173	15	-63.7						
200	12421	1	-54.6		3	83	267	12	200	12437	5	-54.6		6	84	265	13	200	12388	15	-54.7			9	94	270	15
300	9696	1	-32.2	23.9	3	67	327	5	300	9710	5	-32.1	19.9	6	42	297	4	300	9665	14	-32.7	15.3		9	75	297	8
500	5881	1	-6.3	26.8	1	50	82	4	500	5898	5	-5.6	29.1	6	62	78	4	500	5870	14	-7.1	15.3		9	1	347	1
700	3178	1	8.8	18.6	2	62	117	4	700	3190	5	7.4	9.7	6	73	110	4	700	3166	14	7.4	8.0		9	99	61	5
850	1547	1	17.8	10.3	1	93	108	8	850	1557	5	18.9	9.7	6	92	89	7	850	1535	14	17.6	7.3		9	89	80	6
1002	* 123		28.1	10.3					994	* 192		25.1	5.8					1006	* 102		24.4	1.8					
S AMERICA - BRAZIL RECIFE (CURADO) 82900 AUG 2003 0803S 03455W OB 2									S AMERICA - BRAZIL VILHENA (AEROPORTO) 83208 AUG 2003 1244S 06008W OB 2									S AMERICA - BRAZIL SALVADOR 83229 AUG 2003 1301S 03831W OB 2									
030	23868	13	-56.8		9	99	94	25	030	23863	4	-57.3		5	97	86	17	030	23882	15	-56.8			9	97	93	16
050	20688	10	-63.7		9	94	87	8	050	20669	3	-61.9		4	93	104	7	050	20688	10	-61.5			9	94	95	8
100	16585	8	-77.2		9	29	272	2	100	16546	3	-74.8		4	82	281	7	100	16575	8	-74.6			9	71	272	8
150	14209	8	-66.8		9	90	276	14	150	14152	3	-67.2		4	89	270	16	150	14178	7	-66.6			8	91	282	16
200	12422	8	-54.4		9	88	273	11	200	12369	3	-54.8		4	95	265	21	200	12389	6	-55.2			6	95	276	18
300	9695	7	-32.2	28.3	9	63	317	6	300	9651	3	-33.3	21.4	4	90	272	14	300	9676	6	-33.3	23.2		6	82	291	14
500									500	5864	3	-7.4	24.8	3	36	269	3	500	5882	4	-6.7	31.3		4	47	295	4
700	3176	7	9.2	23.2	9	44	83	2	700	3170	3	7.3	9.7	3	60	28	3	700	3179	4	8.2	17.8		4	42	126	3
850	1550	7	14.4	4.4	9	94	134	7	850	1539	3	18.5	9.7	4	72	48	4	850	1558	4	13.6	4.6		4	86	114	7
1017	* 7		25.9	5.1					946	* 652		19.6	4.2					1013	* 51		24.4	3.3					
S AMERICA - BRAZIL BOM JESUS DA LAPA 83288 AUG 2003 1316S 04325W OB 2									S AMERICA - BRAZIL CUIABA (AEROPORTO) 83362 AUG 2003 1539S 05606W OB									S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 AUG 2003 1552S 04756W OB 3									
030									030	23895	13	-56.7						030	23910	12	-56.9						
050	20682	6	-61.9		7	88	94	7	050	20695	6	-61.0		9	82	101	5	050	20705	3	-62.0						
100	16563	4	-74.7		5	65	284	7	100	16554	3	-74.0		9	86	260	10	100	16567	2	-73.6						
150	14161	3	-66.3		6	91	273	16	150	14151	2	-61.8		7	95	264	20	150	14158	2	-65.8						
200	12377	3	-55.2		5	93	271	20	200	12364	1	-54.8		5	94	274	23	200	12368								
300	9665	2	-33.9	20.6	5	76	292	18	300	9652	1	-34.5	23.5	5	89	274	16	300	9657	1	-34.3	22.3					
500	5877	2	-6.6	27.8	6	42	274	4	500	5878	1	-8.1	27.9	5	53	252	4	500	5882	1	-7.6	28.4					
700	3177	2	7.3	11.9	6	23	214	2	700	3188	1	6.7	10.5	5	60	358	3	700	3188	1	6.5	11.9					
850	1551	2	16.5	11.1	6	82	109	6	850	1557	1	18.3	12.9	5	32	27	2	850	1560	1	16.8	9.5					
967	* 440		23.4	6.7					996	* 182		20.6	6.8					901	*1061		17.8	6.6					

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
S AMERICA - BRAZIL CARAVELAS 83498 AUG 2003 1744S 03915W OB 2									S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 AUG 2003 2028S 05440W OB 2									S AMERICA - BRAZIL TRINDADE (ILHA) 83650 AUG 2003 2030S 02919W OB 2								
030									030									030								
050	20686	9	-58.9		9	60	102	3	050								050	20717	2	-60.6		5	78	289	4	
100	16552	5	-73.0		5	86	279	10	100	16608	15	-70.5					100	16556	1	-72.0		4	93	279	14	
150	14134	5	-65.1		5	95	282	19	150	14159						150	14123	1	-63.7		3	96	279	23		
200	12342	5	-55.3		5	91	281	22	200	12351	15	-53.0				200	12325	1	-55.3		2	93	280	26		
300	9636	2	-35.1	24.0	5	79	285	16	300	9629	15	-34.9	16.4			300	9630	1	-34.1	23.2	2	85	284	21		
500	5870	2	-8.6	28.2	5	68	292	8	500	5845	15	-7.5	21.3			500	5883	1	-9.3	32.1	2	68	293	9		
700	3180	2	7.1	19.8	3	18	206	1	700	3158	15	6.2	9.7			700	3196	1	7.2	32.4	3	27	315	2		
850	1566	2	12.5	7.2	4	68	107	4	850	1528	15	17.3	16.5			850	1582	1	11.2	7.3	3	46	53	3		
1021	* 3		23.3	3.6					952	* 567		19.1	10.5			1023	* 5		24.4	7.2						
S AMERICA - BRAZIL GALEAO 83746 AUG 2003 2249S 04315W OB 2									S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 AUG 2003 2531S 04910W OB 2									S AMERICA - BRAZIL PORTO ALEGRE (AERO- PORTO) 83971 AUG 2003 3000S 05111W OB 2								
030									030	24004	15	-53.9	25.7				030									
050	20773	4	-59.9	23.5	5	70	282	4	050	20761	8	-59.4	22.7	9	69	275	5	050	20704	10	-59.5	24.8	9	89	264	9
100	16568	4	-69.0	18.5	4	91	276	16	100	16530	7	-67.7	17.1	7	95	272	20	100	16432	10	-64.0	21.7	9	98	272	21
150	14101	3	-61.7	19.5	4	92	281	25	150	14049	6	-60.1	17.2	7	93	277	28	150	13916	7	-57.6	22.7	7	95	275	31
200	12285	3	-54.1	19.1	3	90	279	27	200	12220	4	-54.2	14.2	6	90	270	32	200	12090	6	-54.1	21.0	6	85	277	33
300	9591	3	-36.9	20.3	3	74	277	19	300	9535	3	-38.9	16.5	3	87	274	25	300	9426	6	-41.0	19.4	6	89	283	28
500	5853	3	-10.4	24.6	3	61	279	9	500	5824	3	-11.4	22.8	3	79	279	11	500	5756	6	-15.9	24.0	6	84	279	16
700	3177	3	6.0	26.9	3	60	272	5	700	3157	3	4.7	21.6	3	76	284	7	700	3124	5	1.3	21.8	6	62	271	7
850	1565	3	12.5	7.3	3	45	314	2	850	1557	3	10.3	10.0	3	35	327	3	850	1537	5	9.7	16.8	5	59	292	5
1021	* 6		20.3	3.8					919	* 908		11.0	2.9				1021	* 3		12.3	2.1					
S AMERICA - CHILE ANTOFAGASTA 85442 AUG 2003 2326S 07027W OB 2									S AMERICA - CHILE ISLA DE PASCUA 85469 AUG 2003 2710S 10926W OB 1									S AMERICA - CHILE PUNTA ARENAS 85934 AUG 2003 5300S 07051W OB 2								
030	23889	5	-56.1						030	23890	4	-55.9	32.0				030									
050	20672	2	-61.0						050	20661	2	-59.6	30.4				050									
100	16478	2	-69.3		5	96	277	20	100	16401	1	-66.7	26.5				100	15624	4	-63.4						
150	14024	2	-62.1	29.4	3	95	275	29	150	13923	1	-60.8	26.0				150	13120	2	-62.2						
200	12220	2	-55.4	26.2	4	94	273	32	200	12110	1	-56.0	18.9	2	96	274	41	200	11352	2	-62.5	19.4	5	84	281	29
300	9536	1	-38.4	28.2	4	87	278	24	300	9455	1	-40.0	12.3	1	95	273	32	300	8811	1	-53.4	15.2	4	82	281	25
500	5827	1	-10.8	36.4	2	80	278	10	500	5760	1	-12.4	15.7	1	94	279	21	500	5350	1	-28.9	14.5	2	82	281	18
700	3145	0	8.7		1	38	319	2	700	3106	1	3.5	21.2	1	80	284	11	700	2856	1	-11.7	13.5	2	85	283	15
850	1512	0	18.2		3	53	69	2	850	1512	1	8.9	7.0	1	65	294	6	850	1342	1	-2.6	8.4	3	80	283	12
1004	* 140		12.5	3.4					1011	* 69		19.7	5.5				1000	* 43		1.9	5.1					

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
S AMERICA - ARGENTINA CORDOBA AERO 87344 AUG 2003 3119S 06413W OB /									S AMERICA - ARGENTINA EZEIZA AERO 87576 AUG 2003 3449S 05832W OB 3									S AMERICA - UK FALKLAND ISLANDS MOUNT PLEASANT AIRPORT 88889 AUG 2003 5149S 05827W OB										
030	23809	1	-58.5	29.4	4	89	262	12	030	23770	6	-59.6			9	94	270	16	030	23031	1	-68.5	19.2	2	97	269	58	
050	20613	1	-60.8	28.6	2	90	270	11	050	20579	2	-60.1			8	92	260	14	050	19955	0	-70.2	21.9	2	97	269	47	
100	16348	1	-63.6	25.7	3	96	267	22	100	16286	2	-61.4			7	92	270	23	100	15723	0	-55.7	31.9	1	94	270	37	
150	13836	0	-58.3	26.1	3	92	268	33	150	13748	1	-56.7			8	88	270	26	150	13219	0	-61.5	15.3	1	89	268	30	
200	12012	0	-55.7	20.7	1	85	268	31	200	11929	1	-55.5			9	84	275	27	200	11442	0	-62.4	12.4	1	80	268	27	
300	9381	0	-43.8	15.7	2	76	268	23	300	9294	1	-45.4	15.8		9	56	280	16	300	8896	0	-52.4	11.3	1	74	268	22	
500	5742	0	-15.5	17.5	2	78	265	15	500	5687	1	-18.3	17.9		9	53	285	8	500	5414	0	-27.4	13.1	0	74	267	15	
700	3111	0	2.2	19.8	4	53	265	5	700	3086	1	-2.2	20.4		9	42	285	5	700	2908	0	-10.3	14.8	0	79	274	12	
850	1528	0	6.8	2.2	7	5	320	1	850	1521	1	4.3	19.9		9	24	240	2	850	1387	0	-1.5	12.6	1	74	275	10	
966	* 474		7.0	6.7					1020	* 20		7.1	2.3						1000	* 73		2.9	3.3					
ANTARCTICA - ARGENTINA (ANTARCTIC) BASE MARAMBIO (CENTRO MET. A) 89055 AUG 2003 6414S 05643W OB 2									ANTARCTICA - UNITED KINGDOM (ANTARCTIC) HALLEY 89022 AUG 2003 7530S 02639W OB 2									ANTARCTICA - USSR (ANTARCTIC) MIRNYJ 89592 AUG 2003 6633S 09301E OB 1										
030	21920	13	-81.1						030	21083	7	-89.2	7.2		9	93	248	24	030	22026	12	-72.5	4.1		9	96	269	48
050	19004	12	-79.0						050	18321	2	-89.3	6.9		9	86	248	18	050	19039	9	-72.5	3.8		9	95	266	41
100	15039	9	-74.6						100	14541	2	-84.0	6.9		9	79	236	14	100	14927	4	-69.8	3.8		4	93	264	25
150	12662	7	-72.6						150	12274	1	-79.6	7.1		7	67	233	11	150	12522	0	-66.1	3.8		0	87	262	17
200	10965	7	-64.5						200	10630	1	-75.9	7.5		7	59	225	12	200	10769	0	-63.6	3.9		0	78	262	12
300	8498	7	-58.5						300	8217	1	-62.7	8.7		8	50	222	10	300	8243	0	-56.3	4.0		0	48	272	6
500	5105	7	-33.3						500	4892	1	-37.9	12.4		5	42	232	6	500	4867	0	-37.5	5.3		0	15	259	1
700	2652	7	-15.7	25.0	7	79	260	16	700	2496	1	-22.6	12.1		4	26	247	3	700	2475	0	-23.8	5.0		0	48	100	4
850	1161	7	-6.4	15.7	7	99	269	7	850	1059	1	-18.7	8.1		3	35	57	3	850	1045	0	-19.7	5.4		0	95	91	11
961	* 198		-9.8	12.6					977	* 30		-26.7	2.9						971	* 30		-18.0	4.2					
ANTARCTICA - GERMANY (ANTARCTIC) NEUMAYER 89002 AUG 2003 7040S 00815W OB 2									ANTARCTICA - JAPAN (ANTARCTIC) SYOWA 89532 AUG 2003 6900S 03935E OB 1									SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) PENANG/BAYAN LEPAS 48601 AUG 2003 0518N 10016E OB 3										
030	21208	8	-87.3	8.9	9	93	257	28	030	21301	0	-83.7			1	96	279	37	030	23840	12	-56.9	30.9		9	99	89	35
050	18421	8	-86.1	8.5	9	91	250	25	050	18474	0	-83.9			0	95	279	30	050	20678	7	-65.5	24.8		7	98	89	15
100	14588	6	-81.6	8.6	8	86	240	18	100	14599	0	-79.9			0	88	279	20	100	16578	1	-77.8	12.0		1	93	81	16
150	12286	4	-77.3	8.9	9	80	237	15	150	12283	0	-75.8			0	82	277	14	150	14229	0	-68.0	10.6		1	97	75	28
200	10622	4	-73.7	9.3	9	75	227	14	200	10606	0	-72.1			0	76	281	13	200	12440	0	-53.1	9.8		1	95	75	20
300	8203	3	-63.3	8.4	6	60	218	12	300	8173	0	-62.6			0	57	289	9	300	9691	0	-30.2	8.9		1	86	77	9
500	4891	3	-38.9	11.2	5	41	212	7	500	4868	0	-40.6			0	43	326	5	500	5862	0	-5.2	6.2		0	6	360	1
700	2504	3	-23.3	7.9	5	19	183	2	700	2502	0	-25.7	5.5		0	47	16	4	700	3142	0	9.7	6.7		0	75	285	5
850	1065	3	-17.9	7.1	5	53	83	7	850	1076	0	-19.7	3.4		2	84	30	7	850	1501	0	18.5	6.0		0	65	265	4
975	* 50		-20.9	2.7					979	* 21		-17.0	3.7						9999	* 4								

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) KOTA BHARU 48615 AUG 2003 0610N 10217E OB 3								SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 AUG 2003 0122N 10359E OB 3								SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII, 91285 AUG 2003 1943N 15504W OB 2										
030	23857	1	-56.7	31.3	1	0	91	34	030	23801	0	-57.9	30.1	0	99	90	32	030	23966	2	-55.6	12.2	2	99	89	22
050	20687	0	-65.0	24.3	0	98	89	16	050	20652	0	-66.2	25.1	0	90	88	9	050	20761	2	-61.9	10.5	2	99	87	18
100	16584	0	-77.5	13.3	0	94	82	18	100	16556	0	-77.6	12.3	1	74	79	9	100	16591	3	-72.0	8.4	3	17	200	1
150	14234	0	-67.9	11.8	0	97	75	26	150	14202	0	-67.6	11.7	0	95	70	25	150	14199	2	-67.1	9.4	2	83	253	16
200	12444	0	-52.9	10.9	0	94	76	19	200	12413	0	-53.5	10.6	0	94	71	20	200	12409	2	-53.7	11.9	2	81	256	16
300	9695	0	-30.2	11.9	0	90	81	9	300	9675	0	-31.0	10.1	0	90	79	9	300	9680	2	-32.6	17.7	2	73	252	9
500	5865	0	-5.1	7.3	0	8	190	1	500	5852	0	-5.7	6.7	0	36	84	2	500	5879	2	-6.1	22.9	2	11	204	1
700	3145	0	9.7	6.7	0	74	284	5	700	3137	0	9.2	5.5	0	29	294	2	700	3167	4	9.0	20.7	2	72	98	4
850	1503	0	18.8	5.8	0	87	273	6	850	1498	0	18.3	5.5	0	70	229	4	850	1543	1	14.4	2.2	2	86	74	5
9999	* 5								1007	* 16		27.7	2.5					1016	* 11		22.6	2.4				
SW PACIFIC - NEW CALEDONIA NOUMEA (NILE-CALEDONIE) 91592 AUG 2003 2216S 16627E OB /								SW PACIFIC - TUVALU (NEW ZEALAND) FUNAFUTI 91643 AUG 2003 0831S 17913E OB 3								SW PACIFIC - FIJI NANDI 91680 AUG 2003 1745S 17727E OB 3										
030	23897	2	-55.6		4	44	64	2	030	23860	0	-56.7						030	23982	10	-55.3					
050	20674	1	-60.0		5	33	270	2	050	20690	0	-62.6						050	20751	0	-59.0		9	25	15	1
100	16493	0	-73.9		2	98	260	24	100	16580	0	-76.3						100	16581	0	-75.6	17.4	5	95	265	20
150	14093	0	-65.6		0	96	266	42	150	14230	0	-68.2						150	14196	0	-66.2	17.7	3	96	267	29
200	12292	0	-52.8		0	96	265	45	200	12450	0	-53.2						200	12400	0	-53.0	20.4	2	94	265	29
300	9561	0	-33.3	23.9	0	95	261	42	300	9670	0	-30.9						300	9660	0	-31.7	25.4	0	91	266	27
500	5793	0	-8.9	28.8	2	94	263	26	500	5880	0	-5.0	26.9					500	5852	0	-6.0	24.8	0	93	278	20
700	3114	0	4.8	32.5	2	83	250	10	700	3163	0	10.3	2.9					700	3139	0	9.3	26.8	0	89	282	11
850	1522	0	8.4	6.4	1	46	232	3	850	1520	0	17.8	11.5					850	1518	0	12.6	4.1	0	50	273	3
1011	* 72		20.9	7.2					1011	* 2		29.9	25.3					1014	* 25		25.3	8.0				
SW PACIFIC - SAMOA (USA) PAGO PAGO/INT. AIRPORT 91765 AUG 2003 1420S 17043W OB 2								SW PACIFIC - FRENCH POLY. (MARQUESAS) ATUONA 91925 AUG 2003 0948S 13902W OB 3								SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 AUG 2003 1733S 14937W OB 2										
030	23892	4	-56.5	20.0	4	98	91	12	030	23833	5	-56.9						030	23894	2	-55.8		6	73	69	4
050	20688	4	-62.1	13.9	4	87	87	4	050	20658	0	-64.2		3	87	76	7	050	20679	0	-61.5		5	33	4	2
100	16568	4	-77.8	6.8	3	92	284	10	100	16561	0	-77.8		0	39	237	4	100	16549	0	-76.0		0	90	266	14
150	14203	2	-67.5	8.6	2	92	271	18	150	14202	0	-67.8		0	60	242	6	150	14179	0	-67.2		0	98	266	22
200	12414	2	-53.7	11.5	2	91	267	18	200	12419	0	-53.7		0	67	242	6	200	12390	0	-53.8		0	94	257	24
300	9682	2	-31.9	18.6	2	88	266	14	300	9685	0	-31.9	27.5	0	47	210	4	300	9665	0	-33.0	20.6	0	93	260	19
500	5872	1	-5.7	21.6	1	81	294	8	500	5867	0	-4.5	30.8	0	74	101	7	500	5871	0	-6.4	22.9	0	77	288	9
700	3155	1	9.5	8.7	1	68	320	5	700	3142	0	11.1	31.5	0	89	92	9	700	3161	0	9.8	21.3	0	64	325	5
850	1517	1	16.9	2.8	1	48	24	3	850	1509	0	15.1	3.0	0	0	95	8	850	1527	0	16.0	6.4	0	58	15	4
1012	* 3		25.3	2.4					1006	* 52		27.5	5.2					1014	* 2		28.4	6.4				

UPPER AIR

AUGUST 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 96413 AUG 2003 0129N 11020E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) BINTULU 96441 AUG 2003 0312N 11302E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KOTA KINABALU 96471 AUG 2003 0556N 11603E OB 3								
030	23839	3	-57.4	30.7	3	0	89	32	030	23850	1	-57.1	29.3	1	99	90	32	030	23858	19	-57.3	30.7	9	0	90	35
050	20682	0	-66.0	26.6	0	87	89	8	050	20690	0	-65.4	24.2	1	93	92	10	050	20699	4	-64.8	25.9	4	96	91	13
100	16581	0	-77.2	13.8	0	71	90	8	100	16584	0	-77.6	14.4	1	78	84	10	100	16589	0	-77.9	14.5	0	91	84	14
150	14223	0	-67.5	12.7	0	95	73	24	150	14228	0	-67.2	13.3	1	95	73	23	150	14238	0	-67.3	13.5	0	95	71	24
200	12434	0	-53.4	10.5	0	94	71	21	200	12436	0	-53.0	10.7	1	95	71	21	200	12443	0	-52.7	11.2	0	96	70	22
300	9691	0	-30.7	7.7	0	93	78	10	300	9690	0	-30.6	8.0	1	93	80	11	300	9695	0	-30.4	6.9	0	91	78	10
500	5866	0	-5.8	5.8	0	54	87	3	500	5863	0	-5.5	5.8	0	67	101	4	500	5866	0	-5.3	6.2	0	52	120	3
700	3151	0	9.7	7.7	0	14	290	1	700	3147	0	9.6	7.8	0	23	275	1	700	3147	0	9.9	7.8	0	39	252	2
850	1510	0	18.7	5.8	0	40	216	2	850	1505	0	18.9	6.5	0	57	242	3	850	1506	0	18.5	6.5	0	69	248	4
9999	* 27								9999	* 5								9999	* 3							
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 AUG 2003 0416N 11753E OB 3																										
030	23849	0	-56.7	30.9	0	0	90	34																		
050	20685	0	-65.5	27.6	0	95	87	11																		
100	16582	0	-78.5	15.4	0	80	85	10																		
150	14229	0	-67.2	14.9	0	94	69	22																		
200	12435	0	-52.8	12.4	0	96	69	22																		
300	9689	0	-30.7	9.2	0	94	79	11																		
500	5863	0	-5.5	7.5	0	58	99	4																		
700	3144	0	9.6	6.9	0	39	238	2																		
850	1502	0	19.0	6.7	0	50	223	3																		
9999	* 20																									

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
S AMERICA - BRAZIL VILHENA (AEROPORTO) 83208 MAY 2003 1244S 06008W OB 2									S AMERICA - BRAZIL SALVADOR 83229 MAY 2003 1301S 03831W OB 2									S AMERICA - BRAZIL BOM JESUS DA LAPA 83288 MAY 2003 1316S 04325W OB 2								
030	23794	7	-57.1		9	99	93	14	030	23805	16	-56.2		9	96	89	14	030	23804	6	-56.3		6	96	85	12
050	20609	5	-64.4		7	58	111	4	050	20621	9	-64.8		9	79	111	6	050	20619	2	-64.9		3	75	112	4
100	16572	2	-77.2		7	77	280	8	100	16585	6	-76.9		6	73	272	8	100	16573	2	-76.6		3	82	266	9
150	14198	2	-67.4		6	88	270	18	150	14208	6	-62.2		6	86	263	16	150	14193	2	-67.7		3	85	260	18
200	12411	2	-54.5		3	88	283	18	200	12422	5	-54.5		5	89	257	16	200	12408	2	-54.6		3	89	259	17
300	9687	2	-30.1	14.7	3	60	271	8	300	9699	4	-32.4	24.2	4	81	277	8	300	9690	2	-32.8	22.5	3	71	270	8
500	5878	2	-6.1	15.3	3	27	284	2	500	5889	1	-5.5	25.8	1	33	249	2	500	5882	2	-5.6	26.0	3	27	259	2
700	3165	2	9.0	10.2	4	25	12	1	700	3174	1	8.7	10.2	1	67	126	4	700	3172	2	8.5	12.5	3	50	88	2
850	1528	2	18.0	6.5	3	77	59	5	850	1544	1	15.9	5.4	1	85	124	6	850	1540	2	17.2	7.9	3	88	102	6
945	* 652		20.9	2.2					1010	* 51		26.2	2.7					965	* 440		23.9	4.9				
S AMERICA - BRAZIL CARAVELAS 83498 MAY 2003 1744S 03915W OB 2									S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 MAY 2003 2028S 05440W OB 2									S AMERICA - BRAZIL TRINDADE (ILHA) 83650 MAY 2003 2030S 02919W OB 2								
030	23825	15	-54.9		9	95	83	10	030									030	23862	14	-53.6					
050	20630	11	-64.7		9	75	103	4	050									050	20647	6	-63.7		9	70	88	4
100	16559	5	-75.1		5	87	270	14	100	16583	7	-73.1						100	16550	4	-72.8		8	90	278	14
150	14159	5	-66.4		5	94	268	23	150	14161	4	-64.9						150	14130	4	-65.5		5	96	279	25
200	12376	5	-56.0		5	88	264	22	200	12359	4	-53.7						200	12351	4	-56.7		4	91	272	24
300	9674	5	-34.2	20.2	5	85	274	14	300	9640	4	-34.4	17.9					300	9657	3	-35.1	22.9	4	90	276	19
500	5882	5	-5.7	35.1	5	47	286	4	500	5858	4	-7.8	19.7					500	5883	3	-7.7	32.8	3	63	270	6
700	3178	5	8.3	18.5	5	7	250	1	700	3154	4	8.6	17.8					700	3185	3	7.7	24.2	3	8	296	1
850	1555	5	14.6	6.2	5	56	143	4	850	1527	4	16.3	12.8					850	1565	3	14.4	8.5	3	28	89	2
1018	* 3		24.4	3.2					951	* 567		20.0	9.8					1019	* 5		27.0	6.3				
S AMERICA - BRAZIL GALEAO 83746 MAY 2003 2249S 04315W OB 2									S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 MAY 2003 2531S 04910W OB 2									S AMERICA - BRAZIL PORTO ALEGRE (AERO- PORTO) 83971 MAY 2003 3000S 05111W OB 2								
030	23995	16	-52.1	27.2					030	23969	15	-51.7	27.5	9	38	352	2	030	23923	11	-52.9	26.2	9	88	274	12
050	20707	6	-55.9	23.0	8	57	359	2	050	20714	8	-59.5	24.1	9	60	299	3	050	20678	5	-59.6	23.8	5	87	266	6
100	16548	4	-71.3	16.4	4	93	270	20	100	16521	7	-68.0	18.3	6	95	264	20	100	16427	4	-65.0	20.9	4	98	260	22
150	14109	3	-64.4	15.4	3	94	268	30	150	14056	5	-62.6	16.3	7	97	270	32	150	13934	4	-61.7	26.9	4	94	268	31
200	12319	2	-55.5	16.1	3	93	270	33	200	12257	4	-55.4	14.5	5	97	270	34	200	12143	2	-56.7	17.1	2	88	267	30
300	9617	1	-65.6	20.0	9		275	24	300	9568	4	-36.9	18.5	4	90	268	23	300	9480	2	-39.5	17.8	2	84	266	23
500	5859	1	-8.9	22.4	1	75	269	9	500	5835	5	-10.0	23.4	4	85	267	12	500	5779	2	-12.3	23.1	2	86	264	15
700	3166	1	6.9	22.0	1	56	279	4	700	3156	4	6.5	23.4	4	79	265	8	700	3123	2	3.9	26.4	2	71	267	8
850	1551	1	12.9	4.9	1	28	299	2	850	1547	4	11.1	5.8	4	24	309	2	850	1525	2	10.7	14.1	2	68	276	6
1018	* 6		21.9	3.7					917	* 908		12.7	2.3					1018	* 3		15.9	1.9				

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
N AMERICA - COLOMBIA SAN ANDRES (ISLA)/SESQUICENT 80001 JUL 2003 1235N 08143W OB 2									S AMERICA - COLOMBIA BOGOTA/ELDORADO 80222 JUL 2003 0442N 07408W OB 3									S AMERICA - COLOMBIA LETICIA/VASQUEZ COBO 80398 JUL 2003 0433S 06932W OB 2										
030									030	23820	21	-58.4				87	91	28	030	23823		-58.7				99	90	26
050									050	20668		-66.1				90	91	13	050	20669		-66.2				77	69	9
100									100	16558		-76.7				69	102	6	100	16561		-77.1				28	51	2
150									150	14192		-68.0				49	350	6	150	14192		-67.9				85	261	13
200	12417	6	-54.3		4	60	37	6	200	12409		-54.0				68	36	8	200	12406		-54.2				55	311	8
300	9685		-32.1	15.8		33	89	3	300	9676		-31.7	14.3			84	90	7	300	9679		-32.4	17.3			29	102	3
500	5869		-6.1	13.7		68	113	6	500	5862		-5.5	11.4			94	103	10	500	5868		-6.5	13.1			95	65	10
700	3158		9.2	8.6		90	97	8	700	3155		7.8	4.0			96	121	6	700	3165		8.4	9.0			96	83	9
850	1522		16.9	2.2		93	81	7	753	*2546		9.7	1.5						850	1534		.2	3.5			87	107	6
1012	* 6		27.2	1.9														1005	* 84		21.8	.7						
S AMERICA - BRAZIL VILHENA (AEROPORTO) 83208 JUL 2003 1244S 06008W OB 2									S AMERICA - BRAZIL SALVADOR 83229 JUL 2003 1301S 03831W OB 2									S AMERICA - BRAZIL BOM JESUS DA LAPA 83288 JUL 2003 1316S 04325W OB 2										
030	23846	12	-57.4		9	97	87	16	030									030	23874	9	-57.8		9	97	95	14		
050	20654	6	-62.3		7	38	86	2	050	20686	6	-62.0		6	43	99	3	050	20681	3	-61.5		3	54	95	4		
100	16536	3	-75.6		4	85	275	11	100	16567	3	-75.1		4	89	279	8	100	16559	2	-74.2		3	91	268	10		
150	14149	3	-67.3		4	88	277	18	150	14174	2	-67.4		3	91	267	16	150	14172	2	-67.7		3	88	264	14		
200	12370	3	-55.7		4	82	280	18	200	12391	2	-53.6		3	79	269	14	200	12392	2	-55.4		3	82	260	14		
300	9660	1	-33.9	23.5	3	63	270	8	300	9681	1	-33.6	34.2	3	72	263	9	300	9685	1	-33.9	28.0	3	63	252	6		
500	5871	1	-6.5	32.3	2	59	29	5	500	5886	0	-5.4	45.5	0	50	126	3	500	5891	1	-5.4	43.0	3	62	121	4		
700	3164	1	8.7	24.2	2	27	3	2	700	3175	0	7.9	18.0	0	64	118	4	700	3178	1	8.7	31.3	3	58	106	4		
850	1536	1	17.5	10.6	1	83	54	6	850	1559	0	13.3	7.3	0	89	121	8	850	1557	1	14.7	9.7	3	90	108	7		
946	* 652		18.4	2.6					1013	* 51		24.9	4.1					969	* 440		21.2	5.9						
S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 JUL 2003 1552S 04756W OB 3									S AMERICA - BRAZIL CARAVELAS 83498 JUL 2003 1744S 03915W OB 2									S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 JUL 2003 2028S 05440W OB 2										
030	23950	10	-57.8						030	23877	14	-54.2		9	77	84	5	030										
050	20691	1	-61.1						050	20667	4	-61.3		5	27	234	2	050										
100	16555	0	-74.6						100	16529	2	-74.5		3	94	274	16	100	16540	7	-72.8							
150	14164	0	-62.7						150	14130	2	-66.6		3	90	267	19	150	14121	7	-65.0							
200	12383	0	-55.9						200	12348	2	-56.2		3	88	266	21	200	12352	7	-54.6							
300	9682	0	-34.9	22.2					300	9656	2	-35.9	28.5	3	88	256	15	300	9624	7	-36.1	15.2						
500	5902	0	-5.0	37.5					500	5890	3	-6.9	45.9	3	47	226	4	500	5866	7	-8.3	22.7						
700	3186	0	9.2	33.0					700	3186	3	7.7	24.5	3	55	102	3	700	3160	7	7.7	21.2						
850	1567	0	15.2	11.2					850	1575	3	12.1	6.6	4	74	118	5	850	1536	7	16.9	13.0						
902	*1061		15.4	5.8					1022	* 3		23.1	3.5					952	* 567		21.6	12.9						

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
S AMERICA - BRAZIL TRINDADE (ILHA) 83650 JUL 2003 2030S 02919W OB 2									S AMERICA - BRAZIL GALEAO 83746 JUL 2003 2249S 04315W OB 2									S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 JUL 2003 2531S 04910W OB 2								
030									030	23993	15	-54.2	26.6	9	89	275	8	030	23936	14	-54.5	26.4	9	96	276	12
050	20677	8	-60.3		9	55	254	3	050	20739	6	-58.9	23.4	6	88	268	8	050	20705	6	-59.3	23.3	9	89	264	8
100	16504	7	-72.6		9	94	277	16	100	16526	6	-71.0	15.7	6	95	273	21	100	16478	5	-69.7	17.2	6	96	268	22
150	14085	4	-65.0		8	96	277	24	150	14093	4	-64.5	15.6	4	95	269	29	150	14031	2	-63.5	16.8	2	94	271	34
200	12297	3	-56.5		6	98	271	24	200	12302	3	-56.2	15.4	4	92	265	29	200	12240	1	-57.0	15.5	1	93	273	34
300	9618	2	-37.4	25.7	2	95	269	20	300	9621	2	-37.6	18.4	2	85	266	20	300	9573	1	-38.6	13.9	1	93	278	26
500	5878	2	-8.6	40.6	2	68	251	6	500	5881	0	-9.0	24.6	0	80	269	10	500	5851	1	-10.2	26.2	1	88	283	14
700	3197	2	6.6	37.0	1	31	124	2	700	3191	0	6.8	21.3	0	42	266	2	700	3174		5.2	18.4	1	78	288	7
850	1590	1	10.8	6.2	1	58	89	4	850	1579	0	12.8	6.6	0	22	347	1	850	1567	1	11.9	6.2	1	47	332	4
1024	* 5		24.6	7.5					1021	* 6		19.9	2.8					919	* 908		12.3	1.5				
S AMERICA - BRAZIL PORTO ALEGRE (AERO- PORTO) 83971 JUL 2003 3000S 05111W OB 2																										
030	23874	7	-54.9	26.0	9	97	273	14																		
050	20649	2	-59.9	24.3	2	92	268	12																		
100	16390	1	-64.9	20.7	1	96	268	24																		
150	13901	0	-61.2	20.2	0	93	274	34																		
200	12098	0	-57.4	17.3	0	93	275	28																		
300	9452	0	-41.2	18.4	0	93	280	31																		
500	5775	0	-13.6	23.9	0	93	278	21																		
700	3136	0	1.6	15.9	0	88	275	12																		
850	1543	0	9.9	11.3	0	79	294	8																		
1021	* 3		12.8	1.3																						

STATION LIST RECENT DATA

06030	C	AALBORG	DENMARK & FAROE IS.	94326	CT	ALICE SPRINGS AERO	AUSTRALIA
04220	C	AASIAAT (EGEDESMINDE)	GREENLAND	42475	C	ALLAHABAD/BAMHRAULI	INDIA
40831	C	ABADAN	IRAN, ISLAMIC REP	72517	C	ALLENTOWN/A.-BETHLEHEM-.,PA.	USA
47409	C	ABASHIRI	JAPAN	36870	C	ALMATY	KAZAKHSTAN
07005	C	ABBEVILLE	FRANCE	08487	C	ALMERIA/AEROPUERTO	SPAIN
03091	C	ABERDEEN/DYCEAIRPORT	U KINGDOM	44277	C	ALTAI	MONGOLIA
03502	C	ABERPORTH	U KINGDOM	51076	C	ALTAY	CHINA
41112	C	ABHA	SAUDI ARABIA	42071	C	AMRITSAR	INDIA
72266	C	ABILENE/MUN.,TX.	USA	25563	CT	ANADYR'	RUSSIAN FEDERATION
41217	CT	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	70273	CT	ANCHORAGE/INT.	USA
62640	C	ABU HAMED	SUDAN	10291	C	ANGERMUENDE	GERMANY
62795	C	ABU NA'AMA	SUDAN	17130	CT	ANKARA/CENTRAL	TURKEY
76805	C	ACAPULCO,GRO.	MEXICO	60360	C	ANNABA	ALGERIA
80427	C	ACARIGUA	VENEZUELA	70398	C	ANNETTEISLAND	USA
63450	CT	ADDIS ABABA-BOLE	ETHIOPIA	17300	C	ANTALYA	TURKEY
60620	C	ADRAR	ALGERIA	67083	C	ANTANANARIVO/IVATO	MADAGASCAR
76644	C	AEROP.INTERNACIONALMERIDA,	MEXICO	85442	CT	ANTOFAGASTA	CHILE
87582	C	AEROPARQUEBS. AS. AERO	ARGENTINA	40718	C	ANZALI	IRAN, ISLAMIC REP
17190	C	AFYON	TURKEY	47575	C	AOMORI	JAPAN
61024	C	AGADEVZ	NIGER	98232	C	APARRI	PHILIPPINES
61974	C	AGALEGA	MAURITIUS	80084	C	APARTADO/LOSCEDROS	COLOMBIA
42647	CT	AHMADABAD	INDIA	83096	C	ARACAJU	BRAZIL
47602	C	AIKAWA	JAPAN	48462	C	ARANYAPRATHET	THAILAND
60560	C	AIN SEFRA	ALGERIA	40357	C	ARAR	SAUDI ARABIA
61499	C	AIOUN EL ATROUSS	MAURITANIA	80099	C	ARAUCA/SANTIAGOPEREZ	COLOMBIA
07761	CT	AJACCIO	FRANCE	83579	C	ARAXA	BRAZIL
31168	C	AJAN	RUSSIAN FEDERATION	84752	C	AREQUIPA	PERU
47582	CT	AKITA	JAPAN	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
42933	C	AKOLA	INDIA	85406	C	ARICA	CHILE
72521	C	AKRON/AKRON-CANTONREG., OH.	USA	10091	C	ARKONA	GERMANY
04063	C	AKUREYRI	ICELAND	86330	C	ARTIGAS	URUGUAY
04082	C	AKURNES	ICELAND	44288	C	ARVAIHEER	MONGOLIA
40420	C	AL AHSA	SAUDI ARABIA	60452	C	ARZEW	ALGERIA
41055	C	AL BAHA	SAUDI ARABIA	47407	C	ASAHIKAWA	JAPAN
40373	C	AL QAYSUMAH	SAUDI ARABIA	72315	C	ASHEVILLE/MUN.,NC	USA
40361	C	AL-JOUF	SAUDI ARABIA	62414	CT	ASSWAN	EGYPT
08280	C	ALBACETE/LOSLANOS	SPAIN	34880	C	ASTRAHAN'	RUSSIAN FEDERATION
94802	CT	ALBANY AIRPORT	AUSTRALIA	65376	C	ATAKPAME	TOGO
72365	C	ALBUQUERQUE/INT.,NM.	USA	62680	C	ATBARA	SUDAN
31004	CT	ALDAN	RUSSIAN FEDERATION	17607	T	ATHALASSA	CYPRUS
07139	C	ALENCON	FRANCE	16716	C	ATHINAI (AIRPORT)	GREECE
40007	C	ALEPPO INT. AIRPORT	SYRIAN ARAB REP	72219	C	ATLANTA/MUN.,GA.	USA
71082	T	ALERT UA, N.W.T.	CANADA	72407	C	ATLANTICCITY, NJ.	USA
08359	C	ALICANTE	SPAIN	91925	CT	ATUONA	FRENCH POLY.

STATION LIST RECENT DATA

72218	C	AUGUSTA/BUSHFIELD, GA.	USA	88968	C	BASE ORCADAS	ARGENTINA
72254	C	AUSTIN/ROBERTMUELLER.,TX.	USA	89066	C	BASE SAN MARTIN	ARGENTINA
08330	C	BADAJOZ/TALAVERALA REAL	SPAIN	07790	CT	BASTIA	FRANCE
30554	C	BAGDARIN	RUSSIAN FEDERATION	44302	C	BAYAN-OVOO	MONGOLIA
83980	C	BAGE	BRAZIL	44275	C	BAYANBULAG	MONGOLIA
71727	C	BAGOTVILLE,QUE.	CANADA	44352	C	BAYANDELGER	MONGOLIA
98328	C	BAGUIO	PHILIPPINES	44287	C	BAYANHONGOR	MONGOLIA
87750	C	BAHIA BLANCA AERO	ARGENTINA	60571	CT	BECHAR	ALGERIA
41150	C	BAHRAIN(INT. AIRPORT)	BAHRAIN	72412	C	BECKLEY(RALEIGHCTY.MUN),WV.	USA
44265	C	BAITAG	MONGOLIA	54511	CT	BEIJING	CHINA
71926	CT	BAKER LAKE UA,N.W.T.	CANADA	60402	C	BEJAIA	ALGERIA
07299	C	BALE-MILHOUSE	FRANCE	82191	C	BELEM	BRAZIL
35796	C	BALHASH	KAZAKHSTAN	03917	C	BELFAST/ALDERGROVEAIRPORT	U KINGDOM
96633	C	BALIKPAPAN/SEPINGGAN	INDONESIA	43198	C	BELGAUM/SAMBRA	INDIA
85874	C	BALMACEDA	CHILE	78583	C	BELIZE/PHILLIPGOLDSTONINTL	BELIZE
72406	C	BALTIMORE/BALTIMORE-WASHINGT	USA	89050	C	BELLINGSHAUSEN	USSR
61291	C	BAMAKO/SENOU	MALI	03976	C	BELMULLET	IRELAND
43295	C	BANGALORE	INDIA	83587	C	BELO HORIZONTE	BRAZIL
64656	C	BANGASSOU	CENTRAL AFRICAN REP	82246	C	BELTERRA	BRAZIL
48455	CT	BANGKOK	THAILAND	40180	C	BEN-GURIONINT. AIRPORT	ISRAEL
64650	C	BANGUI	CENTRAL AFRICAN REP	60518	C	BENI-SAF	ALGERIA
96685	C	BANJARMASIN/SYAMSUDDINNOOR	INDONESIA REP	82410	C	BENJAMIN CONSTANT	BRAZIL
41685	C	BAR KHAN	PAKISTAN	13274	C	BEOGRAD	YUGOSLAVIA
82784	C	BARBALHA	BRAZIL	13275	T	BEOGRAD/KOSUTNJAK	YUGOSLAVIA
80419	C	BARCELONA	VENEZUELA	64600	C	BERBERATI	CENTRAL AFRICAN REP
08181	C	BARCELONA/AEROPUERTO	SPAIN	01317	C	BERGEN/FLORIDA	NORWAY
87765	C	BARILOCHEAERO	ARGENTINA	10384	C	BERLIN-TEMPELHOF	GERMANY
80440	C	BARINAS	VENEZUELA	40179	T	BET DAGAN	ISRAEL
29838	C	BARNAUL	RUSSIAN FEDERATION	70219	C	BETHEL/BETHEL AIRPORT, AK.	USA
80410	C	BARQUISIMETO	VENEZUELA	68461	CT	BETHLEHEM	SOUTH AFRICA
82571	C	BARRADO CORDA	BRAZIL	40100	CT	BEYROUTH(AEROPORT)	LEBANON
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	42971	CT	BHUBANESWAR	INDIA
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	12295	C	BIALYSTOK	POLAND
83236	C	BARREIRAS	BRAZIL	42165	C	BIKANER	INDIA
70026	CT	BARROW/W.POST W. ROGERS	USA	72677	C	BILLINGS/LOGANINT., MT.	USA
44305	C	BARUUN-URT	MONGOLIA	61017	C	BILMA	NIGER
44241	C	BARUUNKHARAA	MONGOLIA	72515	C	BINGHAMTON/BROOME CO., NY.	USA
44213	C	BARUUNTURUUN	MONGOLIA	96441	CT	BINTULU	MALAYSIA
89057	C	BASE ARTURO PRAT	CHILE	61401	C	BIR MOGHREIN	MAURITANIA
89034	C	BASE BELGRANO II	ARGENTINA	61075	C	BIRNI-N' KONNI	NIGER
89059	C	BASE BERNARDOO'HIGGINS	CHILE	41084	C	BISHA	SAUDI ARABIA
88963	C	BASE ESPERANZA	ARGENTINA	60525	C	BISKRA	ALGERIA
89053	C	BASE JUBANY	ARGENTINA	72764	CT	BISMARCK/MUN.,ND.	USA
89055	C	BASE MARAMBIO(CENTROMET. A	ARGENTINA	15085	C	BISTRITA	ROMANIA

STATION LIST RECENT DATA

64510	C	BITAM	GABON	87585	C	BUENOS AIRES OBSERVATORIO	ARGENTINA
01028	CT	BJORNOYA	NORWAY	72528	C	BUFFALO/GREATERBUFFALO,NY.	USA
31510	CT	BLAGOVESCENSK	RUSSIAN FEDERATION	67964	C	BULAWAYO(GOETZ OBSY.)	ZIMBABWE
68442	C	BLOEMFONTEINAIRPORT	SOUTH AFRICA	44239	C	BULGAN	MONGOLIA
82024	C	BOA VISTA	BRAZIL	08075	C	BURGOS/VILLAFRIA	SPAIN
65510	C	BOBO-DIOULASSO	BURKINAFASO	72617	C	BURLINGTON/INTL,VT.	USA
01152	CT	BODO	NORWAY	17116	C	BURSA	TURKEY
80222	CT	BOGOTA/ELDORADO	COLOMBIA	98330	C	CABANATUAN	PHILIPPINES
29282	C	BOGUCANY	RUSSIAN FEDERATION	08261	C	CACERES	SPAIN
65338	C	BOHICON	BENIN	07027	C	CAEN	FRANCE
72681	C	BOISE/MUN.,ID.	USA	16560	T	CAGLIARI/ELMAS	ITALY
83288	CT	BOM JESUS DA LAPA	BRAZIL	94287	C	CAIRNS AERO	AUSTRALIA
43057	C	BOMBAY/COLABA	INDIA	80442	C	CALABOZO	VENEZUELA
43003	T	BOMBAY/SANTACRUZ	INDIA	42807	C	CALCUTTA/ALIPORE	INDIA
31253	C	BOMNAK	RUSSIAN FEDERATION	42809	T	CALCUTTA/DUMDUM	INDIA
65545	C	BONDOUKOU	COTE D'IVOIRE	80259	C	CALI/ALFONSOBONILLAARAGON	COLOMBIA
23884	C	BOR	RUSSIAN FEDERATION	68618	C	CALVINIA	SOUTH AFRICA
91929	C	BORA-BORA	FRENCH POLY. ON	03808	T	CAMBORNE	U KINGDOM
07510	C	BORDEAUX/MERIGNAC	FRANCE	71925	T	CAMBRIDGEBAY UA, N.W.T.	CANADA
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	85315	C	CAMIRI	BOLIVIA
65516	C	BOROMO	BURKINAFASO	83612	T	CAMPO GRANDE(AEROPORTO)	BRAZIL
72509	C	BOSTON/LOGANINT.,MA	USA	83698	C	CAMPOS	BRAZIL
60515	C	BOU-SAADA	ALGERIA	17112	C	CANAKKALE	TURKEY
64601	C	BOUAR	CENTRALAFRICAN REP	07661	C	CAP CEPET	FRANCE
61296	C	BOUGOUNI	MALI	71910	C	CAPE DORSET, N.W.T.	CANADA
60417	C	BOUIRA	ALGERIA	72304	C	CAPE HATTERAS,NC.	USA
07255	C	BOURGES	FRANCE	68816	CT	CAPE TOWN INTNL. AIRPORT	SOUTH AFRICA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	80416	C	CARACAS/LACARLOTA	VENEZUELA
61461	C	BOUTILIMIT	MAURITANIA	80415	C	CARACAS/MAIQUETIAAEROP. INT	VENEZUELA
08575	C	BRAGANCA	PORTUGAL	83592	C	CARATINGA	BRAZIL
83377	C	BRASILIA	BRAZIL	83498	CT	CARAVELAS	BRAZIL
83378	T	BRASILIA (AEROPORTO)	BRAZIL	72712	C	CARIBOU/MUN.,ME.	USA
30309	C	BRATSK	RUSSIAN FEDERATION	82765	CT	CAROLINA	BRAZIL
64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO	80432	C	CARRIZAL	VENEZUELA
07110	C	BREST	FRANCE	80022	C	CARTAGENA/RAFAELNUNEZ	COLOMBIA
16320	T	BRINDISI	ITALY	60155	CT	CASABLANCA	MOROCCO
11723	C	BRNO/TURANY	CZECH REP	03967	C	CASEMENT AERODROME	IRELAND
10453	C	BROCKEN	GERMANY	89611	CT	CASEY	AUSTRALIA
94203	CT	BROOME AIRPORT	AUSTRALIA	72569	C	CASPER/NATRONACOUNTY I.,WY.	USA
72250	C	BROWNSVILLE/INT.,TX.	USA	87222	C	CATAMARCA AERO.	ARGENTINA
96315	CT	BRUNEI AIRPORT	BRUNEI DARUSSALAM	83676	C	CATANDUVA	BRAZIL
80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA	81405	C	CAYENNE/ROCHAMBEAU	FRENCH GUIANA
15420	CT	BUCURESTI/IMH	ROMANIA	94653	C	CEDUNA AIRPORT	AUSTRALIA
12843	CT	BUDAPEST/LORINC	HUNGARY	89056	C	CENTROMET.ANTARTICO''PDTE.ED	CHILE

STATION LIST RECENT DATA

87257	C	CERES AERO	ARGENTINA	94711	CT	COBAR	AUSTRALIA
87320	C	CHAMICAL AERO	ARGENTINA	85041	C	COBIJA	BOLIVIA
48480	C	CHANTHABURI	THAILAND	85223	C	COCHABAMBA	BOLIVIA
85230	C	CHARANA	BOLIVIA	43353	T	COCHIN/WILLINGDON	INDIA
38687	C	CHARDZHEV	TURKMENISTAN	64504	C	COCOBEACH	GABON
72414	C	CHARLESTON/KANAWHA.,WV.	USA	96996	CT	COCOS ISLAND AERO	AUSTRALIA
72208	C	CHARLESTON/MUN.,SC.	USA	94791	C	COFFS HARBOURMO	AUSTRALIA
72314	C	CHARLOTTE/DOUGLAS,NC.	USA	70316	CT	COLD BAY	USA
07314	C	CHASSIRON	FRANCE	43466	C	COLOMBO	SRI LANKA
93986	T	CHATHAMISLAND	N ZEALAND	86560	C	COLONIA	URUGUAY
93987	C	CHATHAMISLANDS AWS	N ZEALAND	76458	C	COLONIA JUAN CARRAS-COMAZAT	MEXICO
72324	C	CHATTANOOGA/LOVELLFIELD, TN	USA	72310	C	COLUMBIA,SC.	USA
47184	C	CHEJU	REP KOREA	72445	C	COLUMBIA/REGIONAL,MO.	USA
56294	C	CHENGDU	CHINA	72428	C	COLUMBUS/PORTCOLUMBUS,OH.	USA
87322	C	CHEPES	ARGENTINA	76848	C	COMITAN,CHIS.	MEXICO
42515	C	CHERRAPUNJI	INDIA	87860	C	COMODORO RIVADAVIA AERO	ARGENTINA
76750	C	CHETUMAL,Q.ROO	MEXICO	61832	C	CONAKRY/GBESSIA	GUINEA
72564	C	CHEYENNE,WY.	USA	82861	C	CONCEICAODO ARAGUAIA	BRAZIL
41768	C	CHHOR	PAKISTAN	85682	C	CONCEPCION	CHILE
48327	CT	CHIANG MAI	THAILAND	72605	C	CONCORD/MUN.,NH.	USA
72530	C	CHICAGO/O'HARE,IL.	USA	87395	C	CONCORDIA AERO	ARGENTINA
47971	CT	CHICHIJIMA	JAPAN	15480	C	CONSTANTA	ROMANIA
84452	C	CHICLAYO	PERU	60419	C	CONSTANTINE	ALGERIA
87213	C	CHILECITO AERO	ARGENTINA	85470	C	COPIAPO	CHILE
85672	C	CHILLAN	CHILE	71915	T	CORAL HARBOURUA, N.W.T.	CANADA
38262	C	CHIMBAJ	UZBEKISTAN	87344	CT	CORDOBA AERO	ARGENTINA
30758	CT	CHITA	RUSSIAN FEDERATION	08410	C	CORDOBA/AEROPUERTO	SPAIN
60425	C	CHLEF	ALGERIA	03955	C	CORK AIRPORT	IRELAND
44259	C	CHOIBALSAN	MONGOLIA	80403	C	CORO	VENEZUELA
44298	C	CHOIR	MONGOLIA	72251	C	CORPUS CHRISTI/INT.,TX.	USA
76311	C	CHOIX,SIN.	MEXICO	87166	C	CORRIENTES AERO.	ARGENTINA
47648	C	CHOSHI	JAPAN	17084	C	CORUM	TURKEY
93780	C	CHRISTCHURCH	N ZEALAND	83552	C	CORUMBA	BRAZIL
48517	C	CHUMPHON	THAILAND	65344	C	COTONOU	BENIN
47101	C	CHUNCHON	REP KOREA	85864	C	COYHAIQUE	CHILE
71913	T	CHURCHILLUA,MAN.	CANADA	82704	C	CRUZEIRO DO SUL	BRAZIL
96805	C	CILACAP	INDONESIA	80097	C	CUCUTA/CAMILODAZA	COLOMBIA
72421	C	CINCINNATI/GREATERCIN., OH.	USA	83361	C	CUIABA	BRAZIL
80444	C	CIUDAD BOLIVAR	VENEZUELA	80420	C	CUMANA	VENEZUELA
08348	C	CIUDAD REAL	SPAIN	85629	C	CURICO	CHILE
07460	C	CLERMONT-FERRAND	FRANCE	83842	C	CURITIBA	BRAZIL
15120	C	CLUJ-NAPOCA	ROMANIA	83840	T	CURITIBA (AEROPORTO)	BRAZIL
71090	C	CLYDE,N.W.T.	CANADA	84686	C	CUZCO	PERU
82425	C	COARI	BRAZIL	43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA

STATION LIST RECENT DATA

98325	C	DAGUPAN	PHILIPPINES	89642	CT	DUMONT D'URVILLE	FRANCE
61641	CT	DAKAR/YOFF	SENEGAL	68588	CT	DURBAN INTNL. AIRPORT	SOUTH AFRICA
41712	C	DAL BANDIN	PAKISTAN	42731	C	DWARKA	INDIA
44373	C	DALANZADGAD	MONGOLIA	67005	C	DZAOUDZI/PAMANZI(MAYOTTE)	COMOROS
72259	C	DALLAS-FORT WORTH/FORT.,TX.	USA	24143	C	DZARDZAN	RUSSIAN FEDERATION
42587	C	DALTONGANJ	INDIA	68858	C	EAST LONDON	SOUTH AFRICA
40080	C	DAMASCUS INT. AIRPORT	SYRIAN ARAB REP	94907	C	EAST SALE AIRPORT	AUSTRALIA
62805	C	DAMAZINE	SUDAN	17050	C	EDIRNE	TURKEY
04320	C	DANMARKSHAVN	GREENLAND	71119	T	EDMONTON STONY PLAIN, ALTA	CANADA
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	40199	C	EILAT	ISRAEL
60390	CT	DAR-EL-BEIDA	ALGERIA	28440	C	EKATERINBURG	RUSSIAN FEDERATION
94120	CT	DARWIN AIRPORT	AUSTRALIA	62337	C	EL ARISH	EGYPT
44256	C	DASHBALBAR	MONGOLIA	62760	C	EL FASHER	SUDAN
89571	CT	DAVIS	AUSTRALIA	60590	C	EL GOLEA	ALGERIA
72429	C	DAYTON/. COX, OH	USA	60540	C	EL KHEITER	ALGERIA
06260	C	DE BILT	NETHERLANDS	62771	C	EL OBEID	SUDAN
06235	C	DE KOOY	NETHERLANDS	60559	C	EL OUED	ALGERIA
12882	C	DEBRECEN	HUNGARY	72270	C	EL PASO/INT., TX.	USA
65505	C	DEDOUGOU	BURKINA FASO	80437	C	EL VIGIA	VENEZUELA
40045	C	DEIR EZZOR	SYRIAN ARAB REP	60367	C	EL-KALA	ALGERIA
60387	C	DELLYS	ALGERIA	60550	C	ELBAYADH	ALGERIA
97230	C	DENPASAR/NGURAH-RAI	INDONESIA	12160	C	ELBLAG	POLAND
41624	C	DERA ISMAIL KHAN	PAKISTAN	63686	C	ELDORET	KENYA
72546	C	DES MOINES/MUN.,IA.	USA	72486	C	ELY/YELLAND,NV.	USA
72537	C	DETROIT/METROPOLITAN,MI.	USA	07591	CT	EMBRUN	FRANCE
40416	C	DHAHRAN	SAUDI ARABIA	10200	C	EMDEN-FLUGPLATZ	GERMANY
41923	T	DHAKA	BANGLADESH	76256	C	EMPALME, SON	MEXICO
42314	C	DIBRUGARH/MOHANBARI	INDIA	62781	C	EN NAHUD	SUDAN
67009	C	DIEGO-SUAREZ	MADAGASCAR	29263	C	ENISEJSK	RUSSIAN FEDERATION
07280	C	DIJON	FRANCE	24817	C	ERBOGACEN	RUSSIAN FEDERATION
89054	C	DINAMET-URUGUAY	URUGUAY	44237	C	ERDENEMANDAL	MONGOLIA
63471	C	DIREDAWA	ETHIOPIA	53068	C	ERENHOT	CHINA
17280	CT	DIYARBAKIR	TURKEY	10554	C	ERFURT-BINDERSLEBEN	GERMANY
60670	C	DJANET	ALGERIA	17092	C	ERZINCAN	TURKEY
63862	C	DODOMA	U REP TANZANIA	17096	C	ERZURUM	TURKEY
87648	C	DOLORES AERO	ARGENTINA	40800	C	ESFAHAN	IRAN, ISLAMIC REP
62650	C	DONGOLA	SUDAN	03162	C	ESKDALEMUIR	U KINGDOM
65501	C	DORI	BURKINA FASO	87803	C	ESQUEL AERO	ARGENTINA
10488	C	DRESDEN-KLOTZSCHE	GERMANY	60220	C	ESSAOUIRA	MOROCCO
41515	C	DROSH	PAKISTAN	10410	CT	ESSEN	GERMANY
41194	C	DUBAI INTERNATIONALAIRPORT	U ARAB EMIRATES	71917	T	EUREKA UA, N.W.T.	CANADA
03969	C	DUBLIN AIRPORT	IRELAND	72594	C	EUREKA, CA.	USA
52836	C	DULAN	CHINA	72432	C	EVANSVILLE/REG.,IN.	USA
72745	C	DULUTH/INT.,MN.	USA	87576	CT	EZEIZA AERO	ARGENTINA

STATION LIST RECENT DATA

65507	C	FADA N'GOURMA	BURKINA FASO	94403	CT	GERALDTONAIRPORT	AUSTRALIA
70261	C	FAIRBANKS/INT.	USA	08184	C	GERONA/COSTABRAVA	SPAIN
72753	C	FARGO/HECTORFIELD, ND.	USA	60566	C	GHARDAIA	ALGERIA
76698	C	FELIPE CARRILLOPUERTO, Q.RO	MEXICO	60517	C	GHAZAOUET	ALGERIA
11155	C	FEUERKOGEL	AUSTRIA	08495	CT	GIBRALTAR	GIBRALTAR
10578	C	FICHELBERG	GERMANY	94461	CT	GILES	AUSTRALIA
72637	C	FLINT/BISHOP, MI.	USA	17034	C	GIRESUN	TURKEY
82678	CT	FLORIANO	BRAZIL	93292	C	GISBORNE AERODROMEAWS	N ZEALAND
83897	C	FLORIANOPOLIS	BRAZIL	41140	C	GIZAN	SAUDI ARABIA
82212	C	FONTE BOA	BRAZIL	72768	C	GLASGOW/INTL,MT.	USA
87162	C	FORMOSA AERO	ARGENTINA	20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION
71945	CT	FORT NELSON UA,B.C.	CANADA	43192	CT	GOA/PANJIM	INDIA
71934	T	FORT SMITH UA,N.W.T.	CANADA	87880	C	GOBERNADOR GREGORES AERO	ARGENTINA
72344	C	FORT SMITH/MUN., AR.	USA	10499	C	GOERLITZ	GERMANY
72533	C	FORT WAYNE/MUN.,BAERFL.,IN.	USA	83423	C	GOIANIA	BRAZIL
67197	CT	FORT-DAUPHIN	MADAGASCAR	63331	C	GONDAR	ETHIOPIA
82397	CT	FORTALEZA	BRAZIL	71816	CT	GOOSE UA,NFLD.	CANADA
72389	C	FRESNO/AIR TERM., CA.	USA	97048	C	GORONTALO/JALALUDDIN	INDONESIA
02226	C	FROSON	SWEDEN	02527	T	GOTEBORG/LANDVETTER	SWEDEN
47843	C	FUKUE	JAPAN	02512	C	GOTEBORG/SAVE	SWEDEN
47807	CT	FUKUOKA	JAPAN	68906	T	GOUGH ISLAND	SOUTH AFRICA
91643	CT	FUNAFUTI	TUVALU	07535	C	GOURDON	FRANCE
08522	CT	FUNCHAL	MADEIRA	61045	C	GOURE	NIGER
60765	C	GABES	TUNISIA	94150	CT	GOVE AIRPORT	AUSTRALIA
60745	C	GAFSA	TUNISIA	72476	C	GRAND JUNCTION/WALKERF.,CO.	USA
65557	C	GAGNOA	COTE D'IVOIRE	72635	C	GRAND RAPIDS/KENTCO., MI.	USA
44284	C	GAIUUT	MONGOLIA	78954	C	GRANTLEY ADAMS	BARBADOS
83746	T	GALEAO	BRAZIL	11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA
72242	C	GALVESTON, TX.	USA	72645	C	GREEN BAY/A.-STRAUBEL,WI.	USA
94926	C	GANBERRA AMO	AUSTRALIA	72317	C	GREENSBORO/G.-HIGHPT., NC.	USA
71803	C	GANDER INT. AIRPORT, NFLD.	CANADA	72312	C	GREENVILLE/SPATANBURGSC	USA
57993	C	GANZHOU	CHINA	10184	CT	GREIFSWALD	GERMANY
61226	C	GAO	MALI	87497	C	GUALEGUAYCHUAERO	ARGENTINA
65522	C	GAOUA	BURKINA FASO	76577	C	GUANAJUATO,GTO.	MEXICO
63723	C	GARISSA	KENYA	80428	C	GUANARE	VENEZUELA
40405	C	GASSIM	SAUDI ARABIA	59287	C	GUANGZHOU	CHINA
42410	CT	GAUHATI	INDIA	80448	C	GUASDUALITO	VENEZUELA
62752	C	GEDAREF	SUDAN	60403	C	GUELMA	ALGERIA
10628	C	GEISENHEIM	GERMANY	80423	C	GUIRIA	VENEZUELA
62770	C	GENEINA	SUDAN	02128	C	GUNNARN	SWEDEN
06700	C	GENEVE-COINTRIN	SWITZERLAND	40360	C	GURIAT	SAUDI ARABIA
68828	C	GEORGE AIRPORT	SOUTH AFRICA	40250	C	H-4 'IRWAISHED'	JORDAN
81001	C	GEORGETOWN	GUYANA	31735	C	HABAROVSK	RUSSIAN FEDERATION
10567	C	GERA-LEUMNITZ	GERMANY	47678	CT	HACHIJOJIMA	JAPAN

STATION LIST RECENT DATA

76692	C	HACIENDA YLANG YLANG VER.	MEXICO	72654	C	HURON/HURONREGIONAL,SD.	USA
40373	T	HAFR AL-BATIN	SAUDI ARABIA	44232	C	HUTAG	MONGOLIA
59758	C	HAIKOU	CHINA	43128	CT	HYDERABADAIRPORT	INDIA
40394	CT	HAIL	SAUDI ARABIA	15090	C	IASI	ROMANIA
50527	CT	HAILAR	CHINA	80214	C	IBAGUE/PERALES	COLOMBIA
17285	C	HAKKARI	TURKEY	08373	C	IBIZA/ES CODOLA	SPAIN
47430	C	HAKODATE	JAPAN	87097	C	IGUAZU AERO	ARGENTINA
71081	CT	HALL BEACH UA,N.W.T.	CANADA	25248	C	ILIRNEJ	RUSSIAN FEDERATION
89022	CT	HALLEY	U KINGDOM	60640	C	ILLIZI	ALGERIA
94212	C	HALLS CREEK AMO	AUSTRALIA	04339	C	ILLOQQORTOORMIUT(SCORESBSYU	GREENLAND
40030	C	HAMA	SYRIAN ARAB REP	98637	C	ILOILO	PHILIPPINES
47755	C	HAMADA	JAPAN	31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION
43497	C	HAMBANTOTA	SRI LANKA	64459	C	IMPFONDO	CONGO
10147	C	HAMBURG-FUHLSBUETTEL	GERMANY	60611	C	IN AMENAS	ALGERIA
52203	C	HAMI	CHINA	60630	CT	IN SALAH	ALGERIA
10338	C	HANNOVER	GERMANY	72438	C	INDIANAPOLIS/I.-MUN/WEI.,IN.	USA
23933	CT	HANTY-MANSIJSK	RUSSIAN FEDERATION	42754	C	INDORE	INDIA
02196	C	HAPARANDA	SWEDEN	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
67775	C	HARARE (KUTSAGA)	ZIMBABWE	72747	CT	INT.FALLS/FALLSINT.MN.	USA
72508	C	HARTFORD/BRADLEYINTL, CT.	USA	71907	CT	INUKJUAQ, QUE	CANADA
60581	C	HASSI-MESSAOUD	ALGERIA	71957	CT	INUVIK UA,N.W.T.	CANADA
20891	CT	HATANGA	RUSSIAN FEDERATION	93844	CT	INVERCARGILLAERODROME	N ZEALAND
44207	C	HATGAL	MONGOLIA	80370	C	IPIALES/SAN LUIS	COLOMBIA
78988	CT	HATO AIRPORT,CURACAO	CURACAO AND BONAIRE	71909	CT	IQUALUIT, N.W.T.	CANADA
71935	C	HAY RIVER,N.W.T.	CANADA	84377	C	IQUITOS	PERU
72772	C	HELENA/COUNTY-CITY,MT.	USA	83881	C	IRAI	BRAZIL
02974	C	HELSINKI-VANTAA	FINLAND	83836	C	IRATI	BRAZIL
62378	CT	HELWAN	EGYPT	68263	T	IRENE	SOUTH AFRICA
16754	C	HERAKLION(AIRPORT)	GREECE	30710	C	IRKUTSK	RUSSIAN FEDERATION
91945	C	HEREHERETUE	FRENCH POLY.	47918	CT	ISHIGAKIJIMA	JAPAN
71066	C	HIGH LEVEL, ALTA	CANADA	85469	CT	ISLA DE PASCUA	CHILE
91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA	85585	C	ISLA JUAN FERNANDEZ	CHILE
91285	CT	HILO/GEN.LYMAN, HAWAII,	USA ONIA	41571	C	ISLAMABAD AIRPORT	PAKISTAN
94975	CT	HOBART AIRPORT	AUSTRALIA	17240	CT	ISPARTA	TURKEY
10962	C	HOHENPEISSENBERG	GERMANY	17062	CT	ISTANBUL/GOZTEPE	TURKEY
93615	C	HOKITIKA AERODROME AWS	N ZEALAND	82445	C	ITAITUBA	BRAZIL
61240	C	HOMBORI	MALI	17220	CT	IZMIR/GUZELYALT	TURKEY
91182	C	HONOLULU,OAHU, HAWAII	USA	47800	C	IZUHARA	JAPAN
08506	C	HORTA (ACORES)	PORTUGAL	72235	C	JACKSON/ALLENC. THOMP., MS.	USA
51828	C	HOTAN	CHINA	72206	C	JACKSONVILLE/INTNL.,FL.	USA
72243	C	HOUSTON/INTERCONTI-NENTAL,	USA	41715	C	JACOBABAD	PAKISTAN
44218	C	HOVD	MONGOLIA	83186	C	JACOBINA	BRAZIL
44285	C	HUJIRT	MONGOLIA	43041	C	JAGDALPUR	INDIA
72425	C	HUNTINGTON,WV	USA	24959	CT	JAKUTSK	RUSSIAN FEDERATION

STATION LIST RECENT DATA

01001	CT	JAN MAYEN	NORWAY	10727	C	KARLSRUHE	GERMANY
41024	CT	JEDDAH(KING ABDUL AZIZ INT.	SAUDI ARABIA	02418	C	KARLSTADFLYGLATS	SWEDEN
60725	C	JENDOUBA	TUNISIA	17098	C	KARS	TURKEY
08451	C	JEREZ DE LA FRONTERA AERO.	SPAIN	67475	C	KASAMA	ZAMBIA
41598	C	JHELUM	PAKISTAN	51709	C	KASHI	CHINA
60351	C	JIJEL ACHOUAT	ALGERIA	62730	C	KASSALA	SUDAN
60353	C	JIJEL PORT	ALGERIA	17074	C	KASTAMONU	TURKEY
63402	C	JIMMA	ETHIOPIA	44454	C	KATHMANDU AIRPORT	NEPAL
52533	C	JIUQUAN	CHINA	26629	C	KAUNAS	LITHUANIA
41756	C	JIWANI	PAKISTAN	61257	C	KAYES	MALI
42339	CT	JODHPUR	INDIA	27595	CT	KAZAN'	RUSSIAN FEDERATION
02929	C	JOENSUU	FINLAND	04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND
68368	C	JOHANNESBURG INT. AIRPORT	SOUTH AFRICA	10946	C	KEMPTEN	GERMANY
02963	CT	JOKIOINEN	FINLAND	61285	C	KENIEBA	MALI
02550	C	JONKOPING/AXAMO	SWEDEN	60120	C	KENITRA	MOROCCO
78762	C	JUAN SANTAMARIA	COSTA RICA	16641	C	KERKYRA (AIRPORT)	GREECE
62941	C	JUBA	SUDAN	93997	T	KERMADECIS.	N ZEALAND
87046	C	JUJUY AERO	ARGENTINA	40841	CT	KERMAN	IRAN, ISLAMIC REP
84735	C	JULIACA	PERU	40766	C	KERMANS SHAH	IRAN, ISLAMIC REP
78866	C	JULIANA AIRPORT, ST. MAARTEN	ST.MAARTEN,ST.EUST	02805	C	KEVO	FINLAND
87548	C	JUNIN AERO	ARGENTINA	72201	C	KEY WEST/INT.,FL.	USA
32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION	44313	C	KHALKH-GOL	MONGOLIA
02935	CT	JYVASKYLA	FINLAND	41114	C	KHAMIS MUSHAIT	SAUDI ARABIA
67663	C	KABWE	ZAMBIA	41718	C	KHANPUR	PAKISTAN
62810	C	KADUGLI	SUDAN	34300	C	KHARKIV	UKRAINE
47827	CT	KAGOSHIMA	JAPAN	62721	CT	KHARTOUM	SUDAN
17255	C	KAHRAMANMARAS	TURKEY	60476	C	KHENCHELLA	ALGERIA
93678	C	KAIKOURA	N ZEALAND	61498	C	KIFFA	MAURITANIA
60735	C	KAIROUAN	TUNISIA	64387	C	KIGALI	RWANDA
93012	C	KAITAIA	N ZEALAND	02801	C	KILPISJARVI	FINLAND
02897	C	KAJAANI	FINLAND	68438	C	KIMBERLEY	SOUTH AFRICA
30469	C	KALAKAN	RUSSIAN FEDERATION	40417	C	KING FAHAD INT. AIRPORT	SAUDI ARABIA
16726	C	KALAMATA (AIRPORT)	GREECE	40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA
40001	C	KAMISHLI	SYRIAN ARAB REP	70326	C	KING SALMON	USA
71887	C	KAMLOOPS,B.C.	CANADA	45004	CT	KING'S PARK	HONG KONG, CHINA
47605	C	KANAZAWA	JAPAN	78397	CT	KINGSTON/NORMANMANLEY	JAMAICA
65306	C	KANDI	BENIN	03066	C	KINLOSS	U KINGDOM
47105	C	KANGNUNG	REP KOREA	64210	C	KINSHASA/N'DJILI	DEMO. REP THE CONG
22165	C	KANIN NOS	RUSSIAN FEDERATION	30230	CT	KIRENSK	RUSSIAN FEDERATION
61679	C	KAOLACK	SENEGAL	11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA
41780	C	KARACHI AIRPORT	PAKISTAN	26509	C	KLAJPEDA	LITHUANIA
35394	C	KARAGANDA	KAZAKHSTAN	72326	C	KNOXVILLE/MUN.,TN.	USA
02080	C	KARESUANDO	SWEDEN	11487	C	KOCELOVICE	CZECH REP
62660	C	KARIMA	SUDAN	06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK & FAROE IS.

STATION LIST RECENT DATA

29231	CT	KOLPASEVO	RUSSIAN FEDERATION	41640	C	LAHORE CITY	PAKISTAN
10929	C	KONSTANZ	GERMANY	08508	T	LAJES/SANTARITA (ACORES)	PORTUGAL
17244	C	KONYA	TURKEY	72240	C	LAKE CHARLES/MUN.,LA.	USA
25954	CT	KORF	RUSSIAN FEDERATION	72576	C	LANDER/HUNT,WY.	USA
91408	C	KOROR,PALAU IS.	USA FEDERATION	60040	C	LANZAROTE/AEROPUERTO	SPAIN
62772	C	KOSTI	SUDAN	52889	CT	LANZHOU	CHINA
42452	C	KOTA AERODROME	INDIA	98223	C	LAOAG	PHILIPPINES
48615	CT	KOTA BHARU	MALAYSIA	16648	C	LARISSA (AIRPORT)	GREECE
96471	CT	KOTA KINABALU	MALAYSIA	17609	C	LARNACA AIRPORT	CYPRUS
70133	CT	KOTZEBUE,RALPH WIEN	USA	87563	C	LAS FLORES AERO	ARGENTINA
91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA	80241	CT	LAS GAVIOTAS	COLOMBIA
61293	C	KOUTIALA	MALI	87078	C	LAS LOMITAS	ARGENTINA
43314	C	KOZHICODE	INDIA	60030	C	LAS PALMAS DE GRAN CAN./GAN.	SPAIN
12566	C	KRAKOW	POLAND	72386	C	LAS VEGAS/MCCARRAN,NV.	USA
60514	C	KSAR CHELLALA	ALGERIA	40022	C	LATTAKIA	SYRIAN ARAB REP
48647	C	KUALA LUMPUR/SUBANG	MALAYSIA	94968	C	LAUNCESTONAIRPORT	AUSTRALIA
48657	C	KUANTAN	MALAYSIA	07471	C	LE BUY	FRANCE
96413	CT	KUCHING	MALAYSIA	78925	C	LE LAMENTIN	MARTINIQUE
65442	C	KUMASI	GHANA	78897	C	LE RAIZET,GAUDELOUPE	ST.MARTIN,ST.BARTH
56778	CT	KUNMING	CHINA	07207	C	LE TALUT	FRANCE
47418	C	KUSHIRO	JAPAN	12120	CT	LEBA	POLAND
28952	C	KUSTANAI	KAZAKHSTAN	03257	C	LEEMING	U KINGDOM
71906	CT	KUUIJUAQ,QUE.	CANADA	98444	C	LEGASPI	PHILIPPINES
71905	C	KUUIJUARAPIK,QUE.	CANADA	12374	T	LEGIONOWO	POLAND
02869	C	KUUSAMO	FINLAND	10469	C	LEIPZIG-SCHKEUDITZ	GERMANY
91366	C	KWAJALEIN/BUCHOLZAAF, MARSH	USA	83242	C	LENCOIS	BRAZIL
47158	T	KWANGJU AB	REP KOREA	03005	CT	LERWICK	U KINGDOM
33345	C	KYIV	UKRAINE	80398	CT	LETICIA/VASQUEZCOBO	COLOMBIA
33393	C	L'VIV	UKRAINE	72422	C	LEXINGTON/BLUEGRASS, KY.	USA
78705	C	LA CEIBA (AIRPORT)	HONDURAS	55591	CT	LHASA	CHINA
08001	CT	LA CORUNA	SPAIN	11603	C	LIBEREC	CZECH REP
71823	T	LA GRANDEIV,QUE.	CANADA	64500	C	LIBREVILLE	GABON
71827	C	LA GRANDE RIVIERE, QUE	CANADA	91165	C	LIHUE, KAUAI, HAWAII	USA
07020	CT	LA HAGUE	FRANCE	07015	C	LILLE	FRANCE
78708	C	LA MESA (SAN PEDRO SULA)	HONDURAS	67586	C	LILONGWEINT'L AIRPORT	MALAWI
76405	C	LA PAZ, B.C.S.	MEXICO	84628	CT	LIMA-CALLAO/AEROP.INTERNACI	PERU
85201	C	LA PAZ/ALTO	BOLIVIA	07434	C	LIMOGES	FRANCE
87007	C	LA QUIACA OBSERVATORIO	ARGENTINA	10393	CT	LINDENBERG	GERMANY
87217	C	LA RIOJA AERO.	ARGENTINA	61627	C	LINGUERE	SENEGAL
85488	C	LA SERENA	CHILE	08579	T	LISBOA/GAGOCOUTINHO	PORTUGAL
87534	C	LABOULAYE	ARGENTINA	08535	C	LISBOA/GEOF	PORTUGAL
82723	C	LABREA	BRAZIL	67743	C	LIVINGSTONE	ZAMBIA
96465	C	LABUAN	MALAYSIA	08084	C	LOGRONO/AGONCILLO	SPAIN
60545	C	LAGHOUAT	ALGERIA	65387	C	LOME	TOGO

STATION LIST RECENT DATA

83766	C	LONDRINA	BRAZIL	82332	T	MANAUS (AEROPORTO)	BRAZIL
94346	C	LONGREACHAIRPORT	AUSTRALIA	03334	C	MANCHESTERAIRPORT	U KINGDOM
94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA	44341	C	MANDALGOVI	MONGOLIA
72295	C	LOS ANGELES/INT.,CA.	USA	43285	T	MANGALORE/PANAMBUR	INDIA
64401	C	LOUBOMO	CONGO	65352	C	MANGO	TOGO
72423	C	LOUISVILLE/STANDIFORD,KY.	USA	82533	C	MANICORE	BRAZIL
72267	C	LUBBOCK/LUBBOCKINTL, TX.	USA	71722	T	MANIWAKI,QUE.	CANADA
42369	T	LUCKNOW/AMAUSI	INDIA	03797	C	MANSTON	U KINGDOM
06770	C	LUGANO	SWITZERLAND	76654	C	MANZANILLO,COL.	MEXICO
16597	C	LUQA	MALTA	67341	C	MAPUTO/MAVALANE	MOZAMBIQUE
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	87774	C	MAQUINCHAO	ARGENTINA
03740	C	LYNEHAM	U KINGDOM	87692	C	MAR DEL PLATA AERO	ARGENTINA
71078	C	LYNN LAKE, MAN.	CANADA	82562	C	MARABA	BRAZIL
60467	C	M'SILA	ALGERIA	80407	C	MARACAIBO-LACHINITA	VENEZUELA
40310	C	MA'AN	JORDAN	80413	C	MARACAY - B.A. SUCRE	VENEZUELA
44294	C	MAANTI	MONGOLIA	61080	C	MARADI	NIGER
82098	C	MACAPA	BRAZIL	87467	C	MARCOS JUAREZ AERO	ARGENTINA
43185	C	MACHILIPATNAM	INDIA	16325	C	MARINA DI GINOSA	ITALY
94367	C	MACKAY MO	AUSTRALIA	68994	CT	MARION ISLAND	SOUTH AFRICA
72217	C	MACON/LEWISB.WILSON,GA.	USA	60230	C	MARRAKECH	MOROCCO
94998	CT	MACQUARIEISLAND	AUSTRALIA	61996	T	MARTIN DE VIVIES (ILE AMSTER	OCEAN ISLANDS
98646	C	MACTAN	PHILIPPINES	60506	C	MASCARA METMORE	ALGERIA
40430	CT	MADINAH	SAUDI ARABIA	40745	CT	MASHHAD	IRAN, ISLAMIC REP
72641	C	MADISON/DANECOUNTY REGIONAL	USA	61630	C	MATAM	SENEGAL
43279	CT	MADRAS/MINAMBAKKAM	INDIA	47741	C	MATSUE	JAPAN
08221	CT	MADRID/BARAJAS	SPAIN	47618	C	MATSUMOTO	JAPAN
47624	C	MAEBASHI	JAPAN	47887	C	MATSUYAMA	JAPAN
40265	T	MAFRAQ	JORDAN	80435	C	MATURIN	VENEZUELA
85114	C	MAGDALENA	BOLIVIA	89564	CT	MAWSON	AUSTRALIA
10361	C	MAGDEBURG	GERMANY	64503	C	MAYUMBA	GABON
61096	C	MAINE-SOROA	NIGER	70231	C	MCGRATH	USA
67073	C	MAINTIRANO	MADAGASCAR	60437	C	MEDEA	ALGERIA
47750	C	MAIZURU	JAPAN	72597	CT	MEDFORD/MEDFORD-JACKSON COU	USA
91376	C	MAJURO/MARSHALLS. INTL	USA	94430	C	MEKATHARRAAIRPORT	AUSTRALIA
41030	C	MAKKAH	SAUDI ARABIA	10548	CT	MEININGEN	GERMANY
64556	C	MAKOKOU	GABON	60150	C	MEKNES	MOROCCO
48665	C	MALACCA	MALAYSIA	94866	C	MELBOURNEAIRPORT	AUSTRALIA
08482	C	MALAGA/AEROPUERTO	SPAIN	60338	C	MELILLA	SPAIN
62840	C	MALAKAL	SUDAN	86440	C	MELO	URUGUAY
87506	C	MALARGUEAERO	ARGENTINA	61250	C	MENAKA	MALI
17199	C	MALATYA/BOLGE	TURKEY	87418	C	MENDOZA AERO	ARGENTINA
03980	C	MALIN HEAD	IRELAND	80425	C	MENE GRANDE	VENEZUELA
63799	C	MALINDI	KENYA	56985	C	MENGZI	CHINA
78741	C	MANAGUA A.C.SANDINO	NICARAGUA	08314	C	MENORCA/MAHON	SPAIN

STATION LIST RECENT DATA

97980	C	MERAUKE/MOPAH	INDONESIA	61265	C	MOPTI	MALI
86490	C	MERCEDES	URUGUAY	76665	C	MORELIA,MICH.	MEXICO
80438	C	MERIDA	VENEZUELA	27612	CT	MOSKVA	RUSSIAN FEDERATION
72234	C	MERIDIAN/KEY,MS.	USA	60457	C	MOSTAGANEMVILLE	ALGERIA
62306	CT	MERSA MATRUH	EGYPT	64550	C	MOUILA	GABON
17340	C	MERSIN	TURKEY	64706	C	MOUNDOU	CHAD
48674	C	MERSING	MALAYSIA	94821	CT	MOUNT GAMBIER AERO	AUSTRALIA
16420	C	MESSINA	ITALY	88889	T	MOUNT PLEASANT AIRPORT	UK FALKLAND ISLANDS
76680	C	MEXICO (CENTRAL),D.F.	MEXICO	94332	CT	MT ISA AERO	AUSTRALIA
72202	C	MIAMI, FL.	USA	63971	C	MTWARA	U REP TANZANIA
60195	C	MIDELT	MOROCCO	10870	C	MUENCHEN,FLUGHAFEN	GERMANY
72265	C	MIDLAND/MIDLANDREG., TX.	USA	10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY
16080	T	MILANO/LINATE	ITALY	17292	C	MUGLA	TURKEY
94693	C	MILDURA AIRPORT	AUSTRALIA	42147	C	MUKTESHWARKUMAON	INDIA
11464	C	MILESOVKA	CZECH REP	41675	C	MULTAN	PAKISTAN
60430	C	MILIANA	ALGERIA	08430	T	MURCIA	SPAIN
72640	C	MILWAUKEE/GEN.MITCHELL, WI.	USA	08433	C	MURCIA/SAN JAVIER	SPAIN
47945	CT	MINAMIDAITOJIMA	JAPAN	44231	C	MUREN	MONGOLIA
47991	CT	MINAMITORISHIMA	JAPAN	22113	CT	MURMANSK	RUSSIAN FEDERATION
43369	CT	MINICOY	INDIA	47899	C	MUROTOMISAKI	JAPAN
72658	C	MINNEAPOLIS/ST.PAULINTL,MN.	USA	72636	C	MUSKEGON/COUNTY,MI.	USA
26850	C	MINSK	BELARUS	63756	C	MWANZA	U REP TANZANIA
29866	C	MINUSINSK	RUSSIAN FEDERATION	25173	C	MYS SHMIDTA	RUSSIAN FEDERATION
96449	C	MIRI	MALAYSIA ERATION	25399	C	MYS UELEN	RUSSIAN FEDERATION
89592	CT	MIRNYJ	USSR N	64654	C	N'DELE	CENTRAL AFRICAN REP
72773	C	MISSOULA/JOHNSON-BELLF.,MT.	USA	61049	C	N'GUIGMI	NIGER
47585	C	MIYAKO	JAPAN	60557	C	NAAMA	ALGERIA
47927	C	MIYAKOJIMA	JAPAN	47817	C	NAGASAKI	JAPAN
47830	C	MIYAZAKI	JAPAN	47636	C	NAGOYA	JAPAN
68242	C	MMABATHO	SOUTH AFRICA	42867	CT	NAGPUR SONEGAON	INDIA
72223	C	MOBILE/BATESFIELD, AL.	USA	47936	CT	NAHA	JAPAN
30673	C	MOGOCA	RUSSIAN FEDERATION	63740	C	NAIROBI/KENYATTA AIRPORT	KENYA
47165	C	MOKPO	REP KOREA	41128	C	NAJRAN	SAUDI ARABIA
72544	C	MOLINE/QUADCITY, IL.	USA	48431	C	NAKHON RATCHASIMA	THAILAND
67633	C	MONGU	ZAMBIA	48400	C	NAKHONSAWAN	THAILAND
07560	C	MONT AIGOUAL	FRANCE	58606	C	NANCHANG	CHINA
07607	C	MONT-DE-MARSAN	FRANCE	07180	T	NANCY/ESSEY	FRANCE
87393	C	MONTE CASEROS AERO	ARGENTINA	91680	CT	NANDI	FIJI
78388	C	MONTEGO BAY/SANGSTER	JAMAICA	59431	C	NANNING	CHINA
76393	C	MONTERREY,N.L.	MEXICO	07222	C	NANTES	FRANCE
83437	C	MONTES CLAROS	BRAZIL	23205	CT	NAR'JAN-MAR	RUSSIAN FEDERATION
72226	C	MONTGOMERY/DANNELLYAL.	USA	61233	C	NARA	MALI
07643	C	MONTPELLIER	FRANCE	72327	CT	NASHVILLE/METROPOLITAN,TN.	USA
71836	T	MOOSONEE,ONT.	CANADA	78073	C	NASSAU AIRPORT	BAHAMAS

STATION LIST RECENT DATA

82598	C	NATAL	BRAZIL	24125	CT	OLENEK	RUSSIAN FEDERATION
82599	T	NATAL (AEROPORTO)	BRAZIL	72792	C	OLYMPIA, WA.	USA
71813	C	NATASHQUAN, QUE.	CANADA	47655	C	OMAEZAKI	JAPAN
65319	C	NATITINGOU	BENIN	44215	C	OMNO-GOBI	MONGOLIA
91683	C	NAUSORI	FIJI	28698	CT	OMSK	RUSSIAN FEDERATION
41749	C	NAWABSHAH	PAKISTAN	47598	C	ONAHAMA	JAPAN
47909	CT	NAZE	JAPAN	91699	C	ONO-I-LAU	FIJI
80315	C	NEIVA/BENITOSALAS	COLOMBIA	87016	C	ORAN AERO	ARGENTINA
47420	CT	NEMURO	JAPAN	60461	C	ORAN PORT	ALGERIA
89002	CT	NEUMAYER	GERMANY	60490	C	ORAN/ES SENIA	ALGERIA
87715	C	NEUQUEN AERO	ARGENTINA	35121	CT	ORENBURG	RUSSIAN FEDERATION
10270	C	NEURUPPIN	GERMANY	01241	CT	ORLAND	NORWAY
42182	CT	NEW DELHI/SAFDARJUNG	INDIA	72205	C	ORLANDO/JETPORT, FL.	USA
72231	C	NEW ORLEANS/MOISANTINT., LA	USA	40712	C	ORUMIEH	IRAN, ISLAMIC REP
93309	C	NEW PLYMOUTH AWS	N ZEALAND	85242	C	ORURO	BOLIVIA
72503	C	NEW YORK/LA GUARDIA, NY.	USA	47772	C	OSAKA	JAPAN
61052	CT	NIAMEY-AERO	NIGER	47122	T	OSAN AB	REP KOREA
07690	C	NICE	FRANCE	47675	C	OSHIMA	JAPAN
17250	C	NIGDE	TURKEY	01384	C	OSLO/GARDERMOEN	NORWAY
02942	C	NIINISALO	FINLAND	85782	C	OSORNO	CHILE
32618	C	NIKOL'SKOE	RUSSIAN FEDERATION	11782	C	OSTRAVA/MOSNOV	CZECH REP
31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION	20674	CT	OSTROV DIKSON	RUSSIAN FEDERATION
07645	T	NIMES/COURBESSAC	FRANCE	21432	C	OSTROV KOTEL'NYJ	RUSSIAN FEDERATION
98429	C	NINOY AQUINO INTER- NATIONAL	PHILIPPINES	20069	C	OSTROV VIZE	RUSSIAN FEDERATION
23724	C	NJAKSIMVOL'	RUSSIAN FEDERATION	65503	C	OUAGADOUGOU	BURKINA FASO
41710	C	NOKKUNDI	PAKISTAN	65502	C	OUAHIGOUYA	BURKINA FASO
70200	CT	NOME	USA	60580	C	OUARGLA	ALGERIA
94996	CT	NORFOLK ISLAND AERO	AUSTRALIA	60265	C	OUARZAZATE	MOROCCO
72308	C	NORFOLK/INT., VA.	USA	64458	C	OUESSO	CONGO
72556	C	NORFOLK/KARLSTEFAN, NE.	USA	60115	C	OIJDA	MOROCCO
71043	CT	NORMAN WELLS UA, N.W.T.	CANADA	02875	C	OULU	FINLAND
72340	C	NORTHLITTLE ROCK/MUNICIPAL	USA	60421	C	OUM EL BOUAGHI	ALGERIA
72562	CT	NORTH PLATTE/LEEBIRD, NE.	USA	08015	C	OVIEDO	SPAIN
61415	C	NOUADHIBOU	MAURITANIA	47663	C	OWASE	JAPAN
61442	C	NOUAKCHOTT	MAURITANIA	91765	CT	PAGO PAGO/INT. AIRPORT	SAMOA
91592	CT	NOUMEA (NLE-CALEDONIE)	N CALEDONIA	96109	C	PAKANBARU/SIMPANGTIGA	INDONESIA
89512	C	NOVOLAZAREVSKAJA	USSR	08306	C	PALMA DE MALLORCA/SONSAN JU	SPAIN
10763	C	NUERNBERG	GERMANY	40061	C	PALMYRA	SYRIAN ARAB REP
04250	C	NUUK (GODTHAAB)	GREENLAND	43363	C	PAMBAN	INDIA
62790	C	NYALA	SUDAN	41739	C	PANJGUR	PAKISTAN
33837	C	ODESA	UKRAINE	41560	C	PARACHINAR	PAKISTAN
31088	CT	OHOTSK	RUSSIAN FEDERATION	65330	C	PARAKOU	BENIN
47815	C	OITA	JAPAN	87374	C	PARANA AERO	ARGENTINA
24688	C	OJMAKON	RUSSIAN FEDERATION	93417	CT	PARAPARAUMUAERODROME	N ZEALAND

STATION LIST RECENT DATA

82287	C	PARNAIBA	BRAZIL	43333	CT	PORT BLAIR	INDIA
41759	C	PASNI	PAKISTAN	68842	CT	PORT ELIZABETH	SOUTH AFRICA
87289	C	PASO DE LOS LIBRES AERO	ARGENTINA	71109	CT	PORT HARDY UA,B.C.	CANADA
86460	C	PASO DE LOS TOROS	URUGUAY	94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA
42492	T	PATNA	INDIA	62641	C	PORT SUDAN	SUDAN
82791	C	PATOS	BRAZIL	71197	C	PORT-AUX-BASQUES,NFLD.	CANADA
06610	T	PAYERNE	SWITZERLAND	61998	CT	PORT-AUX-FRANCAIS(ILES KERG	OCEAN ISLANDS
12942	C	PECS/POGANY	HUNGARY	64501	C	PORT-GENTIL	GABON
87544	C	PEHUAJO AERO	ARGENTINA	72698	C	PORTLAND/INT.,OR.	USA
48601	CT	PENANG/BAYANLEPAS	MALAYSIA	72606	C	PORTLAND/INTNLJET PORT, ME	USA
72688	C	PENDLETON,OR.	USA	83967	C	PORTO ALEGRE	BRAZIL
72532	C	PEORIA/GREATERPEORIA, IL.	USA	83971	T	PORTO ALEGRE (AERO- PORTO)	BRAZIL
80210	C	PEREIRA/MATECANA	COLOMBIA	83064	C	PORTO NACIONAL	BRAZIL
87852	C	PERITO MORENO AERO	ARGENTINA	82825	C	PORTO VELHO	BRAZIL
07747	C	PERPIGNAN	FRANCE	08546	C	PORTO/SERRADO PILAR	PORTUGAL
94610	CT	PERTH AIRPORT	AUSTRALIA	87178	C	POSADAS AERO.	ARGENTINA
82983	C	PETROLINA	BRAZIL	83332	C	POSSE	BRAZIL
32540	T	PETROPAVLOVSK-KAMCATSKIJ	RUSSIAN FEDERATION	10379	C	POTSDAM	GERMANY
72408	C	PHILADELPHIA/INT.,PA.	USA	12330	C	POZNAN	POLAND
48378	C	PHITSANULOK	THAILAND	48500	C	PRACHUAPKHIRIKHAN	THAILAND
72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA	11520	CT	PRAHA-LIBUS	CZECH REP
78970	CT	PIARCO INT. AIRPORT, TRINIDAD	TRINIDAD AND TOBAGO	11518	C	PRAHA/RUZYNE	CZECH REP
68174	C	PIETERSBURG	SOUTH AFRICA	16245	T	PRATICA DI MARE	ITALY
87679	C	PIGUE AERO	ARGENTINA	68262	C	PRETORIA	SOUTH AFRICA
87349	C	PILAR OBSERVATORIO	ARGENTINA	11659	C	PRIBYSLAV	CZECH REP
16158	C	PISA/S. GIUSTO	ITALY	11423	C	PRIMDA	CZECH REP
84691	C	PISCO	PERU	71869	C	PRINCE ALBERT,SASK.	CANADA
72520	C	PITTSBURGH/GREATERPITT.,PA.	USA	04390	C	PRINS CHRISTIAN SUND	GREENLAND
84401	C	PIURA	PERU	72507	C	PROVIDENCE/GREENSTATE, RI.	USA
61990	C	PLAISANCE (MAURITIUS)	MAURITIUS	80002	C	PROVIDENCIA (ISLA)/EL EMBRUJ	COLOMBIA
07117	C	PLOUMANACH	FRANCE	84515	C	PUCALLPA	PERU
65518	C	PO	BURKINA FASO	85574	C	PUDAHUEL	CHILE
72578	C	POCATELLO/NUM.,ID.	USA	80457	C	PUERTO AYACUCHO	VENEZUELA
13463	C	PODGORICA-GRAD	YUGOSLAVIA	80139	C	PUERTO CARRENO/A.GUAUQUEA	COLOMBIA
47138	CT	POHANG	REP KOREA	87896	C	PUERTO DESEADO AERO	ARGENTINA
64400	C	POINTE-NOIRE	CONGO	78767	C	PUERTO LIMON	COSTA RICA
07335	C	POITIERS	FRANCE	85799	C	PUERTO MONTT	CHILE
91348	C	PONAPE, CAROLINE ISLANDS.	USA	78458	C	PUERTO PLATA	DOMINICAN REP
71095	C	POND INLET, N.W.T.	CANADA	85289	C	PUERTO SUAREZ	BOLIVIA
83702	C	PONTA PORA	BRAZIL	85934	CT	PUNTA ARENAS	CHILE
43063	C	POONA	INDIA	87596	C	PUNTA INDIO B.A.	ARGENTINA
11952	T	POPRAD-GANOVCE	SLOVAKIA	47159	C	PUSAN	REP KOREA
11934	C	POPRAD/TATRY	SLOVAKIA	56137	C	QAMDO	CHINA
80421	C	PORLAMAR (AEROPUERTO INT. DE	VENEZUELA	54857	C	QINGDAO	CHINA

STATION LIST RECENT DATA

50745	C	QIQIHAR	CHINA	91650	C	ROTUMA	FIJI
67283	C	QUELIMANE	MOZAMBIQUE	07037	C	ROUEN	FRANCE
80144	C	QUIBDO/ELCARANO	COLOMBIA	51777	C	RUOQIANG	CHINA
72797	C	QUILLAYUTE,WA.	USA	85141	C	RURRENABAQUE	BOLIVIA
82586	C	QUIXERAMOBIM	BRAZIL	28966	C	RUZAEVKA	KAZAKHSTAN
60135	C	RABAT-SALE	MOROCCO	71600	CT	SABLE ISLAND,N.S.	CANADA
40362	C	RAFHA	SAUDI ARABIA	72483	C	SACRAMENTO/EXECUTIVECA.	USA
72306	C	RALEIGH/RALEIGH-DURHAMNC.	USA	06680	C	SAENTIS	SWITZERLAND
93994	C	RAOUL ISLAND KERMADECIS.	N ZEALAND	42671	C	SAGAR	INDIA
91958	CT	RAPA	FRENCH POLY.	47740	C	SAIGO	JAPAN
72662	C	RAPID CITY/REGIONALAIRPORT,	USA	44336	C	SAIKHAN-OVOO	MONGOLIA
91843	C	RAROTONGA	COOK ISLANDS	61980	C	SAINT-DENIS/GILLOT(REUNION)	OCEAN ISLANDS
22602	C	REBOLY	RUSSIAN FEDERATION	41316	T	SALALAH	OMAN
82900	CT	RECIFE (CURADO)	BRAZIL	08202	C	SALAMANCA/MATACAN	SPAIN
87270	C	RECONQUISTA AERO	ARGENTINA	23330	CT	SALEHARD	RUSSIAN FEDERATION
07070	C	REIMS	FRANCE	72572	C	SALT LAKE CITY/INTL.,UT.	USA
07130	C	RENNES	FRANCE	87047	C	SALTA AERO	ARGENTINA
72488	C	RENO/INT.,NV.	USA	76390	C	SALTILLO,COAH	MEXICO
87155	C	RESISTENCIA AERO.	ARGENTINA	86360	C	SALTO	URUGUAY
71924	CT	RESOLUTEUA, N.W.T.	CANADA	83229	CT	SALVADOR	BRAZIL
04030	C	REYKJAVIK	ICELAND	11150	C	SALZBURG-FLUGHAFEN	AUSTRIA
85043	C	RIBERALTA	BOLIVIA	35925	C	SAM	KAZAKHSTAN
72401	C	RICHMOND/BYRD,VA.	USA	17030	CT	SAMSUN	TURKEY
91948	C	RIKITEA	FRENCH POLY.	61277	C	SAN	MALI
44203	C	RINCHINLHUMBE	MONGOLIA	80001	CT	SAN ANDRES (ISLA)/SESQUICENT	COLOMBIA
82915	C	RIO BRANCO	BRAZIL	72263	C	SAN ANGELO/MATHIS,TX.	USA
87736	C	RIO COLORADO	ARGENTINA	80447	C	SAN ANTONIO DEL TACHIRA	VENEZUELA
87453	C	RIO CUARTO AERO	ARGENTINA	87784	C	SAN ANTONIO OESTE AERO	ARGENTINA
87925	C	RIO GALLEGOS AERO	ARGENTINA	72253	C	SAN ANTONIO/INT.,TX.	USA
80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	72290	C	SAN DIEGO/LINDBERGH,CA.	USA
40438	C	RIYADH	SAUDI ARABIA	80450	C	SAN FERNANDO DE APURE	VENEZUELA
72411	C	ROANOKE/MUN.,VA.	USA	72494	C	SAN FRANCISCO/INTL,CA.	USA
85268	C	ROBORE	BOLIVIA	85207	C	SAN IGNACIO DE VELASCO	BOLIVIA
86565	C	ROCHA	URUGUAY	85104	C	SAN JOAQUIN	BOLIVIA
72644	C	ROCHESTER/MUN.,MN.	USA	85247	C	SAN JOSE DE CHIQUITOS	BOLIVIA
72529	C	ROCHESTER/R-MONROECTY., NY.	USA	87311	C	SAN JUAN AERO	ARGENTINA
94374	C	ROCKHAMPTON AERO	AUSTRALIA	80431	C	SAN JUAN DE LOS MORROS	VENEZUELA
61988	C	RODRIGUES	MAURITIUS	78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO AND US
06190	C	ROENNE	DENMARK & FAROE IS.	87909	C	SAN JULIAN AERO	ARGENTINA
87480	C	ROSARIO AERO	ARGENTINA	87436	C	SAN LUIS AERO	ARGENTINA
03957	C	ROSSLARE	IRELAND	87509	C	SAN RAFAEL AERO	ARGENTINA
10170	C	ROSTOCK-WARNEMUENDE	GERMANY	08027	C	SAN SEBASTIAN/IGUELDO	SPAIN
34731	T	ROSTOV-NA-DONU	RUSSIAN FEDERATION	96491	C	SANDAKAN	MALAYSIA
89062	C	ROTHERA POINT	U KINGDOM N	71101	C	SANDSPIT,B.C.	CANADA

STATION LIST RECENT DATA

17270	C	SANLIURFA	TURKEY	40848	C	SHIRAZ	IRAN, ISLAMIC REP
85123	C	SANTA ANA	BOLIVIA	72248	C	SHREVEPORT/REG.LA.	USA
60020	C	SANTA CRUZ DE TENE- RIFE, CM	SPAIN	41600	C	SIALKOT	PAKISTAN
85245	C	SANTA CRUZ/EL TROMPILLO	BOLIVIA	26524	C	SIAULIAI	LITHUANIA
80462	C	SANTA ELENA DE UAIREN	VENEZUELA	64405	C	SIBITI	CONGO
08515	C	SANTA MARIA (ACORES)	PORTUGAL	15260	C	SIBIU	ROMANIA
80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA	96073	C	SIBOLGA/PINANGSORI	INDONESIA
87623	CT	SANTA ROSA AERO	ARGENTINA	96421	C	SIBU	MALAYSIA
08023	CT	SANTANDER	SPAIN	60520	C	SIDI BEL ABBES	ALGERIA
87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA	17210	C	SIIRT	TURKEY
85577	C	SANTIAGO QUINTA NORMAL	CHILE	61297	C	SIKASSO	MALI
78486	C	SANTO DOMINGO	DOMINICAN REP	42619	C	SILCHAR	INDIA
82106	C	SAO GABRIEL DA CACHOEIRA	BRAZIL	33946	C	SIMFEROPOL'	UKRAINE
82280	C	SAO LUIZ	BRAZIL	48698	CT	SINGAPORE/CHANGIAIRPORT	SINGAPORE
83781	C	SAO PAULO	BRAZIL	72557	C	SIoux CITY/MUN.,IA.	USA
47412	CT	SAPPORO	JAPAN	72651	C	SIoux FALLS/FOSS FIELD, SD.	USA
34172	C	SARATOV	RUSSIAN FEDERATION	71842	C	SIoux LOOKOUT,ONT.	CANADA
65599	C	SASSANDRA	COTE D'IVOIRE	17090	C	SIVAS	TURKEY
72734	C	SAULT STE. MARIE, MI.	USA	62417	C	SIWA	EGYPT
72207	C	SAVANNAH/MUNICIPAL,GA.	USA	71069	C	SLAVE LAKE, ALTA	CANADA
65335	C	SAVE	BENIN	11903	C	SLIAC	SLOVAKIA
71828	C	SCHEFFERVILLE,QUE.	CANADA	71950	C	SMITHERS,B.C.	CANADA
10035	CT	SCHLESWIG	GERMANY	02836	CT	SODANKYLA	FINLAND
10162	C	SCHWERIN	GERMANY	15614	CT	SOFIA (OBSERV.)	BULGARIA
72793	C	SEATTLE/S.-TACOMA,WA.	USA	65361	C	SOKODE	TOGO
41256	T	SEEB, INTERNATIONALAIRPORT	OMAN	63962	C	SONGEA	U REP TANZANIA
61272	C	SEGOU	MALI	48568	C	SONGKHLA	THAILAND
25703	CT	SEJMCHAN	RUSSIAN FEDERATION	11146	C	SONNBLICK	AUSTRIA
36177	C	SEMIPALATINSK	KAZAKHSTAN	16746	C	SOUDA (AIRPORT)	GREECE
62762	C	SENNAR	SUDAN	60423	C	SOUK AHRAS	ALGERIA
47108	C	SEOUL	REP KOREA	72535	C	SOUTH BEND/ST.JOSEPHCO.,IN.	USA
71811	T	SEPT-ILES UA,QUE.	CANADA	72785	C	SPOKANE/INT.,WA.	USA
61976	C	SERGE-FROLOW(ILE TROMELIN)	OCEAN ISLANDS	68512	CT	SPRINGBOK	SOUTH AFRICA
08391	C	SEVILLA/SANPABLO	SPAIN	72439	C	SPRINGFIELD/CAPITAL,IL.	USA
63985	T	SEYCHELLESINT. AIRPORT	SEYCHELLES	42027	CT	SRINAGAR	INDIA
58362	CT	SHANGHAI	CHINA	61986	C	ST. BRANDON(ST. RAPHAEL)	MAURITIUS
03962	C	SHANNON AIRPORT	IRELAND	61901	CT	ST. HELENA IS.	OCEAN ISLANDS
59316	C	SHANTOU	CHINA	72434	C	ST. LOUIS/LAMBERT,ST., MO.	USA
41136	C	SHARURAH	SAUDI ARABIA	70308	C	ST. PAUL	USA
70414	T	SHEMYA AFB	USA	26063	CT	ST. PETERBURG	RUSSIAN FEDERATION
54342	C	SHENYANG	CHINA	11028	C	ST. POELTEN	AUSTRIA
72666	C	SHERIDAN/COUNTY,WY.	USA	71801	T	ST.JOHN'S UA,NLFD	CANADA
47898	C	SHIMIZU	JAPAN	83997	C	ST.VITORIADO PALMAR	BRAZIL
47778	CT	SHIONOMISAKI	JAPAN	04312	C	STATION NORD AWS	GREENLAND

STATION LIST RECENT DATA

01415	CT	STAVANGER/SOLA	NORWAY	87645	C	TANDIL AERO	ARGENTINA
71815	T	STEPHENVILLEUA,NFLD	CANADA	47837	C	TANEGASHIMA	JAPAN
72403	T	STERLING, VA.	USA	60101	C	TANGER(AERODROME)	MOROCCO
80475	C	STO.DOMINGO(B.A.)	VENEZUELA	76903	C	TAPACHULA,CHIS.	MEXICO
03026	C	STORNOWAY	U KINGDOM	96509	C	TARAKAN/JUWATA	INDONESIA
07190	C	STRASBOURG	FRANCE	84455	C	TARAPOTO	PERU
10738	C	STUTTGART-ECHTERDINGEN	GERMANY	44230	C	TARIALAN	MONGOLIA
10739	T	STUTTGART/SCHNARRENBURG	GERMANY	23552	C	TARKO-SALE	RUSSIAN FEDERATION
85283	C	SUCRE	BOLIVIA	26242	C	TARTU	ESTONIA
15360	C	SULINA	ROMANIA	38457	C	TASHKENT	UZBEKISTAN
02365	T	SUNDSVALL-HARNOSANDFPL	SWEDEN	04360	C	TASIILAQ (AMASSALIK)	GREENLAND
24738	C	SUNTAR	RUSSIAN FEDERATION	47646	T	TATENO	JAPAN
98653	C	SURIGAO	PHILIPPINES	96481	CT	TAWAU	MALAYSIA
47421	C	SUTTSU	JAPAN	64507	C	TCHIBANGA	GABON
01008	C	SVALBARDLUFTHAVN	NORWAY	78720	C	TEGUCIGALPA	HONDURAS
94767	C	SYDNEY AIRPORT	AUSTRALIA	40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
23804	CT	SYKTYVKAR	RUSSIAN FEDERATION	85743	C	TEMUCO	CHILE
89532	CT	SYOWA	JAPAN	60410	C	TENES	ALGERIA
72519	C	SYRACUSE/HANCOCK,NY.	USA	56739	C	TENGCHONG	CHINA
12205	C	SZCZECIN	POLAND	94238	C	TENNANTCREEK MET OFFICE	AUSTRALIA
12982	CT	SZEGED	HUNGARY	83492	C	TEOFILO OTONI	BRAZIL
63832	C	TABORA AIRPORT	U REP TANZANIA	76556	C	TEPIC,NA Y	MEXICO
65592	C	TABOU	COTE D'IVOIRE	82578	C	TERESINA	BRAZIL
40706	C	TABRIZ	IRAN, ISLAMIC REP	61202	C	TESSALIT	MALI
40375	CT	TABUK	SAUDI ARABIA	60318	C	TETUAN/SANIARAMEL	MOROCCO
98550	C	TACLOBAN	PHILIPPINES	71867	CT	THE PAS, MAN.	CANADA
84782	C	TACNA	PERU	16622	C	THESSALONIKI/MIKRA	GREECE
47133	C	TAEJON	REP KOREA	43371	CT	THIRUVANANTHAPURAM	INDIA
98644	C	TAGBILARAN	PHILIPPINES	71079	C	THOMPSON WEATHER OFFICE-MAN.	CANADA
83235	C	TAGUATINGA	BRAZIL	06011	CT	THORSHAVN	DENMARK & FAROE IS.
91938	CT	TAHITI-FAAA	FRENCH POLY.	61450	C	TIDJIKJA	MAURITANIA
41036	C	TAIF	SAUDI ARABIA	61036	C	TILLABERY	NIGER
45011	C	TAIPA	MACAU	81002	C	TIMEHRI CHEDDI JAGAN INTERNA	GUYANA
53772	C	TAIYUAN	CHINA	60607	C	TIMIMOUN	ALGERIA
47891	C	TAKAMATSU	JAPAN	15247	C	TIMISOARA	ROMANIA
91943	C	TAKAROA	FRENCH POLY.	02366	C	TIMRA/MIDLANDA	SWEDEN
72214	C	TALLAHASSEE/MUN.,FL.	USA	60656	C	TINDOUF	ALGERIA
26038	C	TALLINN	ESTONIA	03100	C	TIREE	U KINGDOM
60680	CT	TAMANRASSET	ALGERIA	60395	C	TIZI-OUZOU	ALGERIA
67095	C	TAMATAVE	MADAGASCAR	60531	C	TLEMCEN (ZENATA)	ALGERIA
61687	C	TAMBACOUNDA	SENEGAL	28275	C	TOBOL'SK	RUSSIAN FEDERATION
38413	C	TAMDY	UZBEKISTAN	47662	C	TOKYO	JAPAN
72211	C	TAMPA/INT.,FL.	USA	72536	C	TOLEDO/EXPRESS,OH.	USA
76548	C	TAMPICO, TAMP	MEXICO	76675	C	TOLUCA, MEX	MEXICO

STATION LIST RECENT DATA

61223	C	TOMBOUCTOU	MALI	47115	C	ULLUNGDO	REP KOREA
76382	C	TORREON,COAH.	MEXICO	44304	C	UNDERKHAAN	MONGOLIA
08238	C	TORTOSA	SPAIN	76225	C	UNIV. DE CHIHUAHUA,CHIHUAHU	MEXICO
44225	C	TOSONTSENGEL	MONGOLIA	68424	C	UPINGTON	SOUTH AFRICA
07630	C	TOULOUSE/BLAGNAC	FRANCE	47426	C	URAKAWA	JAPAN
94294	CT	TOWNSVILLEAERO	AUSTRALIA	51463	CT	URUMQI	CHINA
16429	C	TRAPANI/BIRGI	ITALY	17188	C	USAK	TURKEY
86500	C	TREINTA Y TRES	URUGUAY	87938	C	USHUAIA AERO	ARGENTINA
87828	C	TRELEW AERO	ARGENTINA	30635	C	UST'-BARGUZIN	RUSSIAN FEDERATION
87688	C	TRES ARROYOS	ARGENTINA	25325	C	UST'-OLOJ	RUSSIAN FEDERATION
83618	C	TRES LAGOAS	BRAZIL	61995	T	VACOAS(MAURITIUS)	MAURITIUS
10609	C	TRIER-PETRISBERG	GERMANY	85766	C	VALDIVIA	CHILE
43418	C	TRINCOMALEE	SRI LANKA	80472	C	VALENCIA	VENEZUELA
83650	T	TRINDADE(ILHA)	BRAZIL	08284	C	VALENCIA/AEROPUERTO	SPAIN
85154	C	TRINIDAD	BOLIVIA	03953	CT	VALENTIAOBSERVATORY	IRELAND
40103	C	TRIPOLI	LEBANON	80426	C	VALERA	VENEZUELA
01025	C	TROMSO/LANGNES	NORWAY	08141	C	VALLADOLID	SPAIN
84501	C	TRUJILLO	PERU	80434	C	VALLE DE LA PASCUA	VENEZUELA
91334	C	TRUK,CAROLINEIS.	USA	03302	C	VALLEY	U KINGDOM
44282	C	TSETSERLEG	MONGOLIA	17170	C	VAN	TURKEY
44347	C	TSOGT-OVOO	MONGOLIA	01098	C	VARDO	NORWAY
91954	C	TUBUAI	FRENCH POLY.	15552	C	VARNA	BULGARIA
72274	C	TUCSON/INT.,AZ.	USA	26477	C	VELIKIELUKI	RUSSIAN FEDERATION
87121	C	TUCUMAN AERO	ARGENTINA	83264	C	VERA (GLEBA CELESTE)	BRAZIL
98233	C	TUGUEGARAO	PHILIPPINES	42909	C	VERAVAL	INDIA
76634	C	TULANCINGO,HGO.	MEXICO	24266	CT	VERHOJANSK	RUSSIAN FEDERATION
67161	C	TULEAR	MADAGASCAR	89063	C	VERNADSKY	UKRAINE
84370	C	TUMBES	PERU	72255	C	VICTORIA/VICTORIAREG., TX.	USA
80453	C	TUMEREMO	VENEZUELA	87791	C	VIEDMA AERO	ARGENTINA
60715	CT	TUNIS-CARTHAGE	TUNISIA	08045	C	VIGO/PEINADOR	SPAIN
24507	CT	TURA	RUSSIAN FEDERATION	83208	T	VILHENA (AEROPORTO)	BRAZIL
40356	C	TURAIIF	SAUDI ARABIA	24641	C	VILJUJSK	RUSSIAN FEDERATION
38507	C	TURKMENBASHI	TURKMENISTAN	60096	C	VILLA CISNEROS	WESTERN SAHARA
02972	C	TURKU	FINLAND	87244	C	VILLA DE MARIA DEL RIO SECO	ARGENTINA
23472	CT	TURUHANSK	RUSSIAN FEDERATION	87328	C	VILLA DOLORES AERO	ARGENTINA
48407	T	UBON RATCHATHANI	THAILAND	87448	C	VILLA REYNOLDS AERO	ARGENTINA
06447	CT	UCCLE	BELGIUM	11212	C	VILLACHERALPE	AUSTRIA
16045	C	UDINE/RIVOLTO	ITALY	76743	C	VILLAHERMOSA,TAB	MEXICO
48354	C	UDON THANI	THAILAND	80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA
44214	C	UIGI	MONGOLIA	26730	C	VILNIUS	LITHUANIA
97180	C	UJUNG PANDANG/HASANUDDIN	INDONESIA	02590	C	VISBY FLYGPLATS	SWEDEN
44292	C	ULAAN-BAATOR	MONGOLIA	43149	C	VISHAKHAPATNAM	INDIA
44212	C	ULAAN-GOM	MONGOLIA	83648	C	VITORIA	BRAZIL
44272	C	ULIASTAI	MONGOLIA	83344	C	VITORIA DA CONQUISTA	BRAZIL

STATION LIST RECENT DATA

31960	C	VLADIVOSTOK	RUSSIAN FEDERATION	44358	C	ZAMYN-UUD	MONGOLIA
27037	CT	VOLOGDA	RUSSIAN FEDERATION	81225	C	ZANDERIJ	SURINAME
22837	C	VYTEGRA	RUSSIAN FEDERATION	08160	C	ZARAGOZA/AEROPUERTO	SPAIN
72256	C	WACO,MADISON-COOPER,TX.	USA	57083	C	ZHENGZHOU	CHINA
62751	C	WAD MEDANI	SUDAN	57745	C	ZHIJIANG	CHINA
03377	C	WADDINGTON	U KINGDOM	41620	C	ZHOB	PAKISTAN
41061	C	WADI AL DAWASSER AIRPORT	SAUDI ARABIA	61090	C	ZINDER	NIGER
62600	C	WADI HALFA	SUDAN	17022	C	ZONGULDAK	TURKEY
94910	CT	WAGGA AIRPORT	AUSTRALIA	61404	C	ZOUERATE	MAURITANIA
47600	CT	WAJIMA	JAPAN	10961	C	ZUGSPITZE	GERMANY
47401	CT	WAKKANAI	JAPAN	06660	C	ZURICH(TOWN/VILLE).	SWITZERLAND
12375	C	WARSAWA-OKECIE	POLAND	25400	C	ZYRJANKA	RUSSIAN FEDERATION
72405	C	WASHINGTON/NAT.,VA.	USA				
40400	C	WEJH	SAUDI ARABIA				
72203	C	WEST PALM BEACH/INT.,FL.	USA				
10055	CT	WESTERMARKELSDORF	GERMANY				
71964	CT	WHITEHORSE,UA, Y.T.	CANADA				
72351	C	WICHITA FALLS/SHEPS AFB TX	USA				
11035	CT	WIEN/HOHEWARTE	AUSTRIA				
72513	C	WILKES-BARRE-SCRANTONPA.	USA				
94776	CT	WILLIAMTOWNAERODROME	AUSTRALIA				
94299	CT	WILLIS ISLAND	AUSTRALIA				
72767	C	WILLISTON/SLOULINFIELD, ND.	USA				
72583	C	WINNEMUCCA/MUN.,NV.	USA				
12497	C	WLODAWA	POLAND				
12425	T	WROCLAWI	POLAND				
12424	C	WROCLAWII	POLAND				
57036	C	XI'AN	CHINA				
56571	C	XICHANG	CHINA				
85365	C	YACUIBA	BOLIVIA				
72781	C	YAKIMA/YAKIMAAIR TERM.,WA.	USA				
70361	CT	YAKUTAT	USA				
54292	C	YANJI	CHINA				
91413	C	YAP, CAROLINEIS.	USA				
71603	CT	YARMOOUTH,N.S.	CANADA				
40439	C	YENBO	SAUDI ARABIA				
57461	C	YICHANG	CHINA				
53614	C	YINCHUAN	CHINA				
51431	C	YINING	CHINA				
47744	T	YONAGO	JAPAN				
47168	C	YOSU	REP KOREA				
72525	C	YOUNGSTOWN,OH.	USA				
84425	C	YURIMAGUAS	PERU				
98836	C	ZAMBOANGA	PHILIPPINES				

To change your address, please return a copy of the mailing label along with your new address to:

NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

Toll free number: (866) 742-3322

TDD: (828) 271-4010

Fax number: (304) 726-4409

NCDC now offers an annual online subscription for the *Climatological Data* publication. When you purchase this subscription service, you will have **immediate online access** to all previous publications back to October 1997 and all publications thereafter until the expiration of the subscription. Your subscription is valid for one year after purchase. **The total cost is \$36 for online delivery (including back issues) compared to \$50 for offline delivery.** To order this and other subscriptions online with your credit card, go to: www.ncdc.noaa.gov/mpp.html and choose subscriptions.

Inquiries/Comments Call: (866) 742-3322 (Toll free)
(828) 271-4010 (TDD)
(304) 726-4409 (Fax)

NCDC Subscription Services Center
310 State Route 956
Building 300
Rocket Center, WV 26726

PRSR STD POSTAGE & FEES PAID United States Department of Commerce NOAA Permit No. G-19

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE \$300
CHANGE SERVICE REQUESTED