

SEPTEMBER 1999

VOL. 52 NO. 10



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 that reads "Thomas R. Karl".

Director  
National Climatic Data Center

**noaa**

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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.

## 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.

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## **PUBLICATION STAFF**

William Angel, Meteorologist

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:

**NATIONAL CLIMATIC DATA CENTER  
151 PATTON AVENUE, ROOM 120  
ASHEVILLE, NORTH CAROLINA, USA 28801-5001**

# SURFACE

## SEPTEMBER 1999

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	
<b>EUROPE</b>																
<b>NORWAY</b>																
01001	JAN MAYEN	7056N	00840W	9	1003.0	1004.2	4.7	1.9	7.5	1.1	15	88	6	4		
01008	SVALBARD LUFTHAVN	7815N	01528E	29	1002.2	1005.6	2.8	2.4	5.9	.7	12	35	15	5		
01025	TROMSO/LANGNES	6941N	01855E	10	1009.1	1010.2	9.0	2.1	10.3	2.3	14	115	15	4	153	165
01028	BJORNOYA	7431N	01901E	16	1005.0	1007.0	4.6	1.9	7.7	.9	12	51	7	4		
01098	VARDO	7022N	03106E	15	1010.0	1011.8	8.3	1.7	9.8	1.4	5	19	-35	0		
01152	BODO VI	6715N	01422E	20	1008.5	1010.1	12.2	3.2	11.2	2.3	11	87	-36	2	170	173
01241	ORLAND III	6342N	00936E	7	1007.7	1008.8	13.4	3.5	12.2	2.0	7	63	-70	1		
01317	BERGEN/FLORIDA	6023N	00520E	36	1004.7	1008.9	15.6	4.1	14.6	3.9	20	238	-45	3		
01384	OSLO/GARDERMOEN	6012N	01105E	204	988.3	1012.6	12.9	3.6	12.2	3.2	14	140	44	5		
01415	STAVANGER/SOLA	5853N	00538E	9	1008.3	1009.3	15.7	4.0	13.8	2.8	14	60	-96	1		
<b>SWEDEN</b>																
02080	KARESUANDO	6826N	02230E	325	972.1	1012.0	7.8	2.8	8.3	.8	6	30	-15	2	174	158
02128	GUNNARN	6458N	01742E	281	980.1	1014.2	9.5	2.5	9.2	1.1	7	44	-12	2		
02196	HAPARANDA	6550N	02409E	6	1013.7	1014.4	9.9	1.9	10.4	1.2	4	28	-38	1	167	127
02226	FROSON	6312N	01430E	360	968.5	1012.9	11.4	3.4	11.0	2.4	10	40	-19	2	142	123
02366	TIMRA/MIDLANDA	6231N	01727E	7	1013.4	1013.9	12.1	2.7	12.7	3.1	8	37	-29	1		
02418	KARLSTAD FLYGPLATS	5922N	01328E	50	1000.6	1013.2	14.8	3.9	13.9	3.3	12	132	62	5	152	100
02512	GOTEBORG/SAVE	5747N	01153E	16	1010.4	1012.8	15.1	2.9	14.6	3.1	8	57	-24	2	154	108
02550	JONKOPING/AXAMO	5745N	01405E	218	987.0	1013.8	13.4	3.2	12.7	2.5	14	84	13	4		
02590	VISBY FLYGPLATS	5740N	01821E	41	1009.1	1015.1	15.3	3.2	14.4	2.5	8	72	13	4	226	140
<b>FINLAND</b>																
02801	KILPISJARVI	6903N	02047E	476	952.9	1012.0	7.2		8.4		7	44		4		
02805	KEVO	6945N	02702E	101	999.4	1012.0	7.8		9.3		7	27		1	86	100
02836	SODANKYLA	6722N	02639E	179	991.4	1013.8	8.7	2.8	9.2		6	33	-22	2	119	111
02869	KUUSAMO	6558N	02911E	263	982.1	1014.9	8.3	2.2	9.1		6	25	-35	1		
02875	OULU	6456N	02522E	15	1012.8	1014.6	10.2	1.8	10.0		5	27	-21	1	211	169
02897	KAJAANI	6417N	02741E	136	999.0	1015.5	9.8	2.0	9.2		7	52	-12	2		
02929	JOENSUU	6240N	02938E	117	1001.5	1016.2	10.4	1.8	10.1		8	44	-21	2	146	128
02935	JYVASKYLA	6224N	02541E	145	997.7	1015.9	10.0	1.7	9.7		5	37	-30	1	211	185
02942	NIINISALO	6151N	02228E	136	1000.5	1015.8	11.2	2.4	11.3		6	37	-36	1		
02963	JOKIOINEN	6049N	02330E	103	1003.2	1016.2	11.6	2.2	9.6		5	34	-31	1	226	181
02972	TURKU	6031N	02216E	59	1008.5	1015.8	13.3	3.0	10.9		5	51	-21	2	241	176
02974	HELSINKI-VANTAA	6019N	02458E	56	1009.5	1016.6	12.8	2.8	10.8		4	40	-33	1	231	172
<b>UNITED KINGDOM</b>																
03005	LERWICK	6008N	00111W	84	995.6	1005.4	12.2	2.1	12.9		14	144	26	5	89	95
03026	STORNOWAY	5813N	00619W	13	1001.0	1002.8	12.9	1.8	12.7		16	119	3	3	114	112
03066	KINLOSS	5739N	00334W	7	1003.8	1004.4	14.0	2.0	12.4		13	89	31	5	121	116
03091	ABERDEEN/DYCE AIRPORT	5712N	00213W	65	997.7	1005.4	13.8	2.1	14.1		13	84	16	4	130	113
03100	TREE	5630N	00653W	12	1001.6	1003.0	13.4	1.3	13.2		19	157	27	4	102	92
03160	EDINBURGH AIRPORT	5557N	00321W	41	1001.1	1005.3	15.0	2.7	13.0		12	67	0	3	138	127
03162	ESKDALEMUIR	5519N	00312W	242	977.4	1006.1	12.9	2.2	12.9		17	146	-3	3	110	117
03257	LEEMING	5418N	00132W	40	1003.1	1006.9	15.1	1.9	13.6		11	75	25	5	173	141

# SURFACE

## SEPTEMBER 1999

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	mm	mm	hr	%
03302 VALLEY	5315N	00432W	11		1004.4	1005.6	15.2	1.4	14.4		15	148	74	5	145	104
03334 MANCHESTER AIRPORT	5321N	00217W	68		998.8	1006.9	15.8	2.3	13.9		18	111	37	5	165	134
03377 WADDINGTON	5310N	00031W	68		999.8	1007.8	16.0	2.4	13.9		11	52	5	4	167	122
03502 ABERPORTH	5208N	00434W	133		990.9	1006.7	14.5	1.2	14.0		20	102	26	4	140	104
03740 LYNEHAM	5130N	00159W	145		991.2	1008.3	15.7	2.2	13.9		16	105	42	5	176	124
03797 MANSTON	5121N	00121E	55		1004.3	1009.5	17.2	2.4	15.9		13	57	1	4	164	104
03808 CAMBORNE	5013N	00519W	88		997.5	1007.8	15.3		15.2		17	119		5	174	110
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1007.6	1008.8	15.9	2.1	15.0		16	131	65	5	176	115
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		995.9	1003.9	14.3	1.9	13.8		17	162	77	5	113	104
<b>IRELAND</b>																
03953 VALENTIA OBSERVATORY	5156N	01015W	14		1000.8	1004.4	14.3	.6	14.3	.9	21	290	165	6	115	105
03955 CORK AIRPORT	5151N	00829W	162		985.6	1004.7	14.0	1.4	14.0	1.2	17	180	83	5	120	95
03957 ROSSLARE	5215N	00620W	25		1002.4	1005.4	15.1	1.5	14.7	1.5	17	111	39	4	150	100
03962 SHANNON AIRPORT	5242N	00855W	20		1001.6	1003.9	15.2	1.7	14.3	1.4	19	150	68	5	105	95
03967 CASEMENT AERODROME	5318N	00626W	93		993.4	1004.5	14.3		14.1		19	157			127	100
03969 DUBLIN AIRPORT	5326N	00615W	85		944.7	1004.9	14.2	1.2	13.6	1.3	16	104	38	5	111	85
03973 CONNAUGHT AIRPORT	5345N	00849W	209		978.2	1003.1	12.3		13.0		24	198			86	
03976 BELMULLET	5414N	01000W	10		1001.2	1002.4	14.0	1.0	14.0	1.3	22	124	15	4	105	95
03980 MALIN HEAD	5522N	00720W	25		1000.1	1003.1	13.9	1.2	13.7	1.5	20	168	66	5	102	95
<b>ICELAND</b>																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		991.1	997.0	8.2		9.1		12	121		3		
04030 REYKJAVIK	6408N	02156W	61		989.8	997.1	8.5	1.1	8.9	.7	12	72	6	3	117	94
04063 AKUREYRI	6541N	01805W	27		999.7		7.1	.8	8.3	.7	14	75	36	4	63	74
04082 AKURNES	6418N	01513W	21		996.4	998.9	8.3		9.4		21	288		6		
<b>GREENLAND</b>																
04210 UPERNAVIK	7247N	05610W	122			1010.4	1.0		4.1							
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	41			1011.2	1.8	-.6	5.0		3	16	-22			
04250 NUUK (GODTHAAB)	6410N	05145W	70			1010.0	2.9	-.6	5.5		7	59	-29			
04312 STATION NORD AWS	8136N	01641W	36			1010.4	-8.7	.2	2.8		12	94				
04320 DANMARKSHAVN	7646N	01840W	12			1009.1	-3.5	.7	3.6		4	15	4			
04339 ILLOQQORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1008.1	.7		4.8		10	53	24			
04360 TASIILAQ (AMASSALIK)	6536N	03738W	52			1004.7	4.3	1.2	6.2		7	42	-33			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			1003.7	4.5	.0	5.2		6	49	-189			
<b>DENMARK &amp; FAROE IS.</b>																
06011 THORSHAVN	6201N	00646W	55			1002.3	10.0	.9	10.9		17	172	30			
06030 AALBORG	5706N	00951E	13			1011.8	15.0	2.6	15.1		11	78				
06186 KOEBENHAVN/LANDBOHOEJSKOLEN	5541N	01233E	7			1013.6	16.7		15.6		5	25		231	150	
06190 ROENNE	5504N	01445E	16			1014.5	16.6	2.6	16.4		6	33				
<b>NETHERLANDS</b>																
06235 DE KOOY	5255N	00447E	14		1009.9	1010.0	17.6	3.0	17.4	3.8	12	99	16	4	163	116
06260 DE BILT	5206N	00511E	15		1010.4	1010.7	17.4	3.4	16.4	3.0	8	68	1	3	149	111
<b>BELGIUM</b>																
06447 UCCLLE	5048N	00421E	104		999.3	1011.1	17.7	3.3	16.0	2.3	10	43	-15	2	163	113

# SURFACE

## SEPTEMBER 1999

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	
<b>LUXEMBOURG</b>																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		969.2	1013.0	16.9		13.7		12	69	-1	3	168	106
<b>SWITZERLAND</b>																
06660 ZURICH (TOWN/VILLE).	4723N	00834E	569		948.7	1013.8	16.7	2.8	14.6	2.0	11	129	35	5	180	114
06680 SAENTIS	4715N	00921E	2500		753.2	3096 Z	5.4	1.8	7.2	1.4	12	208	-3	3	153	87
06700 GENEVE-COINTRIN	4615N	00608E	416		965.9	1013.7	18.2	3.3	14.9	2.7	11	153	73	5	191	104
06770 LUGANO	4600N	00858E	276		983.1	1015.2	18.5	1.6	16.7	2.4	11	233	73	4	151	80
<b>FRANCE</b>																
07110 BREST	4827N	00425W	99		998.2	1009.4	15.8	1.1	15.8		17	145	65	2	152	90
<b>SPAIN</b>																
08001 LA CORUNA	4322N	00825W	67		1004.5	1012.4	19.0	.9	17.0	.7	15	116	54	5	179	103
08003 MONTEFARO	4327N	00817W	244		985.2	1013.2	17.2		16.1		13	148			156	
08015 OVIEDO	4321N	00552W	339		972.6	1011.6	18.3	.9	15.9	.6	12	107	56	5	172	112
08023 SANTANDER	4328N	00349W	65		1005.9	1012.8	20.1	1.5	18.1	1.6	9	142	50	4	182	112
08027 SAN SEBASTIAN/IGUELDO	4318N	00203W	259		982.2	1012.0	19.8	1.9	17.2	.9	8	139	24	4	166	103
08045 VIGO/PEINADOR	4213N	00838W	255		984.9	1014.9	17.6	-4	16.8	1.0	14	312	200	5	174	82
08075 BURGOS/VILLAFRIA	4222N	00338W	891		913.8	1504 Y	16.8	1.0	12.3	-4	9	51	12	4	198	92
08084 LOGRONO/AGONCILLO	4227N	00220W	363		971.4	1013.0	19.5	.3	14.9	1.3	9	53	25	5	203	94
08141 VALLADOLID	4139N	00446W	739		929.8	1012.2	18.4	.2	13.0	2.0	10	107	74	6	225	93
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		982.5	1012.0	21.5	.9	15.8	.8	6	22	-4	4	220	94
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1012.7	1013.2	22.8	1.8	19.7	.6	9	152	73	5	234	114
08184 GERONA/COSTA BRAVA	4154N	00246E	129		999.1	1013.9	20.9	.8	18.2	.9	6	116	58	5	209	110
08202 SALAMANCA/MATACAN	4057N	00530W	795		924.8	1013 Y	17.3	-2	12.8	.0	7	66	35	5	215	89
08221 MADRID/BARAJAS	4027N	00333W	582		946.9	1012.3	20.0	-3	12.6	-4	4	31	4	4		
08238 TORTOSA	4049N	00030E	50		1007.0	1012.6	23.2	.4	19.0	.3	6	112	42	4	240	110
08261 CACERES	3928N	00620W	405		969.3	1015.3	21.4	-1.3	14.7	2.6	5	48	23	4	240	95
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		930.9	1008.9	20.0	.0	13.1	-7	4	23	-1	4	260	106
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1005.9	1013.1	24.1	1.5	19.1	-1	7	78	31	5	267	114
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1013.5	1014.1	23.1	1.5	21.3	1.2	5	50	1	4	244	99
08314 MENORCA/MAHON	3952N	00414E	82		1003.3	1013.2	24.3	2.1	21.4	1.4	4	41	-13	3	278	121
08330 BADAJOZ/TALAVERA LA REAL	3853N	00649W	192		992.7	1013.8	21.9	-6	17.5	2.1	6	49	25	4	244	95
08348 CIUDAD REAL	3859N	00355W	629		942.8	1013.0	21.6	.7	12.9	-1.8	5	38	14	4	246	99
08359 ALICANTE	3822N	00030W	82		1004.2	1013.6	24.2	.9	20.3	.5	4	36	-5	4	271	107
08373 IBIZA/ES CODOLA	3852N	00123E	12		1011.0	1013.0	25.0	1.5	22.3	.5	3	7	-35	2	251	103
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1010.2	1013.8	24.2		16.7		3	52	5	242	95	
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1004.3	1014.8	23.3	-5	16.5	.7	3	63	37	5	245	99
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1013.4	1013.7	23.5	.8	22.4	1.1	1	2	-29	2	270	137
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1012.5	1015.6	22.8	-8	17.4	-6	3	44	25	5	245	95
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1013.3	1014.1	23.7	.6	20.1	1.5	2	20	6	4	275	110
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1010.8	1013.2	23.8	-3	20.4	.2	2	4	-6	5	263	104
<b>GIBRALTAR</b>																
08495 GIBRALTAR	3609N	00521W	0		1014.6	1015.2	22.8		19.4		2	27		5	267	100
<b>PORTUGAL</b>																

# SURFACE

# SEPTEMBER 1999

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	%		
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1007.6	1019.5	22.1	.7	20.3	.6	9	49	-8	2		
08535 LISBOA/GEOP	3843N	00909W	95		1003.4	1014.5	20.7	-1.0	18.0	.9	8	129	103	6	229	88
08558 EVORA/C. COORD	3832N	00754W	246		985.6	1014.0	20.0		16.1		9	77			219	
08575 BRAGANCA	4148N	00644W	692		935.1	1014.3	16.8	-1.5	13.5	1.7	11	150	112	6	208	86
<b>GERMANY</b>																
10035 SCHLESWIG	5432N	00933E	48		1006.6	1012.2	16.7	3.7	15.4	2.8	9	65	-21	2	191	133
10055 WESTERMARKELSDORF	5432N	01104E	9		1011.5	1012.5	16.9		16.0		7	33			211	130
10147 HAMBURG-FUHLSDUEBEL	5338N	00959E	15		1010.2	1012.0	18.0	4.5	14.3	1.6	9	36	-34	1	209	148
10162 SCHWERIN	5339N	01123E	68		1004.4	1012.5	17.5		15.0		6	30		2	223	150
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1011.2	1012.6	17.4	3.5	14.5	1.5	7	24	-30	1	220	140
10184 GREIFSWALD	5406N	01324E	6		1012.7	1013.4	16.6		15.3		6	19		1	213	130
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1010.1	1010.7	17.0		17.4		9	65		3	161	115
10270 NEURUPPIN	5254N	01249E	39		1008.8	1013.5	17.6		14.6		6	43		4	221	145
10280 NEUBRANDENBURG	5333N	01312E	80		1004.0	1013.5	17.1		14.9		5	20			221	140
10338 HANNOVER	5228N	00941E	59		1004.9	1011.9	18.0	4.3	14.4	1.5	8	46	-7	3	211	153
10361 MAGDEBURG	5208N	01136E	85		1003.0	1013.0	17.6		13.8		6	22		2	220	145
10379 POTSDAM	5223N	01304E	100		1001.8	1013.5	17.9	4.0	14.4	1.8	4	10	-36	1	219	136
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1008.0	1013.6	18.5		14.3		7	11			214	135
10393 LINDENBERG	5213N	01407E	104		1001.6	1013.8	17.7	3.8	14.7	2.5	5	18	-23	1	208	132
10438 KASSEL	5118N	00927E	233		985.1	1012.2	17.3	3.8	14.6	2.2	9	61	7	4	186	138
10453 BROCKEN	5148N	01037E	1153		884.1	1482 Y	12.1		11.3		10	124			187	160
10469 LEIPZIG-SCHKEUDITZ	5125N	01214E	149		995.8	1013.2	18.3		14.4		4	24		1	211	150
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		986.7	1013.7	17.9		14.1		8	50			196	130
10499 GOERLITZ	5110N	01457E	240		986.1	1013.5	17.1	3.5	13.8	1.5	8	52	0	3	200	131
10548 MEININGEN	5034N	01023E	453		960.8	1013.1	16.2		13.7		10	44		3	201	135
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		975.5	1012.8	17.2		13.9		6	25			213	135
10578 FICHTELBERG	5026N	01257E	1215		878.8	1494 Y	11.9	3.7	11.8	2.3	10	50	-39	2	163	112
10609 TRIER-PETRISBERG	4945N	00640E	273		980.3	1012.1	17.7	3.7	14.5	1.9	10	48	-11	3	181	119
10628 GEISENHEIM	4959N	00757E	123		998.4	1012.8	18.1	3.4	14.7	1.9	6	29	-12	2	203	129
10727 KARLSRUHE	4902N	00822E	145		996.1	1013.0	18.9	3.5	15.6	2.1	11	70	17	4	206	120
10738 STUTTGART- ECHTERDINGEN	4841N	00914E	391		968.1	1013.9	16.9		14.0		11	48		3	197	
10763 NUERNBERG	4930N	01103E	318		976.9	1013.7	16.9	2.9	14.3	2.1	8	47	-4	3	198	116
10870 MUENCHEN, FLUGHAFEN	4822N	01148E	447		963.0	1014.5	16.3	2.9	14.8	2.9	8	65	-3	3	183	110
10929 KONSTANZ	4741N	00911E	447		962.3	1013.6	17.2	2.5	16.1	2.8	10	58	-13	3	182	106
10946 KEMPTEN	4743N	01020E	705		933.6	1013.8	14.9		13.5		12	91			200	110
10961 ZUGSPITZE	4725N	01059E	2962		711.3	3092 Z	2.5	2.0	6.1	.9	15	114	-1	3	187	103
10962 HOHENPEIßENBERG	4748N	01101E	986		903.8	1502 Y	14.6	2.6	12.7	1.6	14	136	29	4	209	117
<b>AUSTRIA</b>																
11028 ST. POELTEN	4811N	01537E	284		981.1	1014.2	16.6		15.8	3.2	6	55	1	3	210	123
11035 WIEN/HOHE WART	4814N	01621E	209		990.0	1014.4	17.5		15.8	2.9	7	59	14	4	201	118
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	593		946.6	1014.2	16.1		14.6		10	150		5	205	115
11146 SONNBLICK	4703N	01257E	3111		697.7	3082 Z	1.6		5.9	.7	12	122	-57	2	205	123
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		962.5	1014.2	16.5		14.4	1.6	11	77	-13	2	205	121
11155 FEUERKOGEL	4749N	01344E	1621		836.9	1491 Y	11.1		10.0		10	97		2	180	100
11212 VILLACHERALPE	4636N	01340E	2160		786.9	1518 Y	7.4		9.0		11	102		2	168	90
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		960.7	1015.4	15.9		14.7	1.8	6	61	-29	2	197	108
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		974.8	1014.9	16.8		16.4	2.8	11	48	-28	2	183	109

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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	
<b>CZECH REPUBLIC</b>																
11406 CHEB	5005N	01224E	471		959.8	1014.2	16.0	3.5	13.5	2.1	8	52	4	4	175	126
11423 PRIMDA	4940N	01240E	748		929.1		14.8		13.4		12	74		4	179	115
11464 UTTARKASHI	3044N	07827E	9		919.4		14.9		12.8		10	45		3	195	120
11487 KOCELOVICE	4928N	01350E	522		954.5	1014.6	16.0		12.9		8	30		2	203	135
11518 PRAHA/RUZYNE	5006N	01415E	380		972.3	1014.6	16.6	3.4	13.8	2.0	10	54	14	5	197	122
11520 PRAHA-LIBUS	5000N	01427E	303		979.3	1014.6	17.5		13.8		9	39		3	190	125
11603 LIBEREC	5046N	01501E	399		968.3	1014.6	16.1		14.7		8	59		3	180	125
11659 PRIBYSLAV	4935N	01546E	536		953.3	1015.1	15.4		13.9		8	53		3	192	125
11723 BRNO/TURANY	4910N	01642E	246		986.2	1014.8	17.8	3.5	15.5	3.5	6	32	-5	3	229	141
11782 OSTRAVA/MOSNOV	4941N	01807E	260		985.3	1015.7	16.4	2.8	13.7	1.6	6	67	9	4	183	122
<b>SLOVAKIA</b>																
11903 SLIAC	4839N	01909E	315		978.9	1015.7	16.5	3.0	13.1	1.3	2	17	-39	1	203	129
11934 POPRAD/TATRY	4904N	02015E	695		936.4		14.2	2.7	11.3	1.1	2	7	-41	1	221	126
<b>POLAND</b>																
12120 LEBA	5445N	01732E	2		1014.7	1015.4	15.5		14.2		7	58				
12160 ELBLAG	5410N	01926E	43		1011.2	1016.3	16.2		13.8		7	19				
12205 SZCZECIN	5324N	01437E	3		1013.4	1013.5	16.5	3.0	14.7	2.0	7	43	-1			
12295 BIALYSTOK	5306N	02310E	151		999.5	1017.2	14.2	2.2	12.3	.5	4	39	-13			
12330 POZNAN	5225N	01650E	92		1004.8	1014.7	17.0	3.6	14.1	2.0	5	61	18			
12375 WARSZAWA-OKECIE	5210N	02058E	107		1004.0	1016.8	15.8	2.7	13.0	.8	6	20	-23			
12424 WROCLAW II	5106N	01653E	121		1000.5	1014.7	17.2	3.8	13.9	1.3	8	35	-13			
12497 WLODAWA	5133N	02332E	179		996.0	1017.1	15.0		12.9		5	48				
<b>HUNGARY</b>																
12843 BUDAPEST/LORINC	4726N	01911E	139		999.1	1015.5	18.9	2.5	14.7	1.8	4	15	-25	2	219	111
12882 DEBRECEN	4729N	02136E	109		1002.6	1015.5	18.5	2.7	14.0	.7	4	28	-10	3	231	116
12942 PECS/POGANY	4606N	01814E	203		983.3	1015.2	18.5	1.9	15.5	2.4	9	51	4	3	214	104
12982 SZEGED	4615N	02006E	83		1005.3	1015.2	18.6	2.1	15.5	2.3	4	49	15	5	226	108
<b>SLOVENIA</b>																
14008 KREDARICA	4623N	01351E	2515		753.2	1031.1	5.3		7.2		12	142		2	135	85
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	298		980.8	1015.3	18.0		15.4		6	74		1	198	120
<b>CROATIA</b>																
14236 ZAGREB/GRIC	4549N	01559E	162		995.5	1014.4	19.5		16.3		8	65		2	191	105
14445 SPLIT/MARJAN	4331N	01626E	128		999.1	1013.8	22.9		17.3		4	56		3	261	105
<b>BOSNIA AND HERZGOVINA</b>																
14654 SARAJEVO/BEJELAVE	4352N	01826E	638		942.7	1015.4	16.3	1.2	14.0	2.0	11	100	30	5	178	96
<b>ROMANIA</b>																
15085 BISTRITA	4708N	02430E	367		973.3	1016.0	16.1	2.6	14.2	1.8	3	40	-3	4	230	117
15090 IASI	4710N	02738E	104		1004.6	1016.9	17.2	1.3	14.6	1.5	4	23	-25	3	211	101
15120 CLUJ-NAPOCA	4647N	02334E	413		968.3	1015.9	15.8	1.7	13.8	1.2	7	45	9	4	244	120
15247 TIMISOARA	4546N	02115E	88		1004.3	1014.7	18.5	2.0	15.4	1.7	8	36	-4	3	216	100



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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	
15260 SIBIU	4548N	02409E	444		964.8	1016.1	15.6	1.2	14.5	1.8	4	74	23	4	212	116
15360 SULINA	4509N	02940E	9		1014.5	1015.5	19.5	1.2	17.9	.7	3	24	-9	3	203	91
15420 BUCURESTI/IMH	4430N	02608E	91		1005.2	1016.0	17.3	.4	16.0	2.2	7	125	83	5	203	91
15480 CONSTANTA	4413N	02838E	14		1014.6	1016.1	19.6	1.3	17.5	1.0	3	72	43	5	204	85
<b>BULGARIA</b>																
15552 VARNA	4312N	02755E	43		1009.8	1014.9	19.4	.9	17.5	1.6	6	84	53	5	223	102
15614 SOFIA (OBSERV.)	4239N	02323E	595		947.6	1015.4	17.3	1.2	13.8	2.1	4	32	-6	3	208	96
<b>ITALY</b>																
16045 UDINE/RIVOLTO	4559N	01302E	53		1008.8	1015.0	20.2		17.1		7	82	-17	3	133	79
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1006.0	1014.1	20.6		19.6		7	102	40	5	187	95
16110 TRIESTE	4539N	01345E	20		1010.4	1014.4	21.8		17.0		8	74	-28	2	219	104
16158 PISA/S. GIUSTO	4341N	01023E	6		1013.4	1014.1	21.6		18.3		7	148	61	5	223	102
16320 BRINDISI	4039N	01757E	10		1012.3	1013.5	22.8		22.3		7	147	102	6	242	101
16325 MARINA DI GINOSA	4026N	01653E	12		1011.4	1012.8	23.3		24.3		5	26	-9	3		
16410 PALERMO BOCCADIFALCO	3806N	01318E	117		999.9	1013.4	24.4		19.7		7	73		5		
16420 MESSINA	3812N	01533E	51		1007.5	1013.8	25.2		24.8		10	104	50	5	215	90
16429 TRAPANI/BIRGI	3755N	01230E	14		1013.1	1014.2	24.8		26.8		10	21	-20	3	240	94
<b>MALTA</b>																
16597 LUQA	3551N	01429E	91		1005.9	1014.4	25.8	1.7	25.0	3.1	5	42	2	4	267	70
<b>GREECE</b>																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1014.5	1015.0	23.1	1.3	13.3	-2.7	5	41	15	4	213	93
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1012.7	1013.3	23.7	1.0	15.5	-3.4	5	43	-31	3	245	95
16648 LARISSA (AIRPORT)	3938N	02225E	74		1005.0	1013.5	22.5	.5	12.8	-2.1	3	24	-5	4	205	83
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1011.5	1013.2	25.0	.7	18.2	1.8	3	8	-1	4	235	85
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1011.6	1012.5	23.0	-.3	15.3	-3.1	7	106	78	6	242	90
16746 SOUDA (AIRPORT)	3529N	02407E	151		995.2	1012.7	23.8	.8	15.3	-2.0	3	37	19	5	263	92
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1008.0	1012.5	24.7	1.2	20.3	2.3	1	2	-17	3	279	100
<b>TURKEY</b>																
17022 ZONGULDAK	4127N	03148E	137		998.4	1014.4	19.1	.7	18.0	2.9	6	104	11	4	250	105
17030 SAMSUN	4117N	03618E	4		1014.8	1015.3	20.5	.9	16.7	-6	6	77	28	4	239	140
17034 GIRE SUN	4055N	03823E	37		1009.4	1013.8	20.8	1.1	17.6	-3	8	101	-11	3		
17040 RIZE	4102N	04031E	9		1012.5	1013.5	19.3	-.1	19.7	1.5	13	297	77	4	190	150
17050 EDIRNE	4140N	02634E	51		1008.8	1014.8	20.6	1.0	15.3	1.7	2	6	-30	2	222	90
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1010.2	1014.1	20.7	1.0	18.7	2.0	4	28	-12	3	241	90
17074 KASTAMONU	4122N	03347E	800		923.5	1013.9	15.6	.3	11.3	.3	3	50	23	5	214	90
17084 CORUM	4033N	03457E	776		925.6	1013.0	17.1	.4	12.3	1.6	4	32	11	4	271	105
17090 SIVAS	3945N	03701E	1285		871.6	1011.9	16.4	.7	10.2	.9	1	6	-11	2	306	105
17092 ERZINCAN	3945N	03930E	1218		877.2	1008.9	19.3	.9	13.0	3.2	3	17	5	4	247	85
17096 ERZURUM	3957N	04110E	1758		823.5	1009.9	14.2	-.6	7.8	-.5	6	50	29	5	240	85
17098 KARS	4037N	04306E	1775		821.5	1010.5	13.7	.5	10.1	1.1	7	64	38	5	235	90
17112 CANAKKALE	4008N	02624E	6		1013.9	1014.5	21.8	1.2	18.4	1.6	0	0	-28	1	249	95
17116 BURSA	4011N	02904E	100		1002.3	1014.0	20.9	1.0	14.7	-.1	2	12	-23	2	235	95
17130 ANKARA/CENTRAL	3957N	03253E	891		913.0	1011.8	18.8	.5	11.3	1.7	2	21	2	4	285	95
17170 VAN	3827N	04319E	1662		831.9	1007.4	17.5	.7	11.4	3.1	5	17	4	5	310	100

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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	%		
17188 USAK	3841N	02924E	919		909.3	1010.6	19.5	.7	12.4	.8	5	19	1	3		
17190 AFYON	3845N	03032E	1034		898.7	1012.8	17.8	.4	11.0	1.3	6	30	13	4	254	90
17199 MALATYA BOLGE	3821N	03819E	948		904.2	1007.2	21.7	5.2	9.1	-1.0	3	4	-10	2	315	105
17210 SIIRT	3755N	04157E	896		911.4	1008.3	24.5	-.5	10.8	2.0	1	5	-1	4	310	100
17220 IZMIR/GUZELYALT	3826N	02710E	29		1008.6	1011.9	24.2	.8	17.9	1.7	0	0	-14	3	285	90
17240 ISPARTA	3745N	03033E	997		901.3	1010.9	19.1	.8	12.8	2.7	2	5	-7	2	291	100
17244 KONYA	3758N	03233E	1031		898.2	1011.2	19.1	.8	8.1	-2.0	2	19	8	4	282	100
17250 NIGDE	3758N	03441E	1210		879.5	1010.8	18.4	1.1	10.0	1.0	1	3	-4	3	294	95
17255 KAHRAMANMARAS	3736N	03656E	572		943.8	1007.0	25.1	.1	17.4	3.2	0	1	-4	3	276	90
17270 SANLIURFA	3708N	03846E	549		945.9	1005.9	26.2	-.5	15.7	4.9					295	95
17280 DIYARBAKIR	3753N	04012E	677		933.1	1007.7	24.4	-.5	11.3	1.0	1	11	9	5	296	95
17285 HAKKARI	3734N	04346E	1728		825.5	1003.6	21.6	1.7	9.5	1.1	1	6	-3	4	314	100
17292 MUGLA	3713N	02822E	646		939.0	1011.0	21.8	.2	15.6	3.5	1	6	-17	4	271	95
17300 ANTALYA	3642N	03044E	54		1002.1	1009.4	25.0	.5	17.7	-.4	1	53	41	5	296	95
17340 MERSIN	3648N	03438E	3		1008.6	1009.0	26.5	1.7	23.5	1.5	0	0	-9	3	289	105
17351 ADANA/BOLGE	3659N	03521E	27		1007.1	1010.2	25.9		22.2		2	57		6	254	90
<b>CYPRUS</b>																
17609 LARNACA AIRPORT	3453N	03338E	2		1009.7	1009.9	26.2	1.6	20.1		1	9	9		310	98
<b>RUSSIAN FEDERATION (EUROPE)</b>																
22113 MURMANSK	6858N	03303E	51		1007.3	1013.5	8.1	1.4	8.8	.8	7	59	6	5	125	140
22165 KANIN NOS	6839N	04318E	49		1007.8	1013.9	5.8	.0	8.7	.4	8	22	-23	1	46	54
22550 ARHANGEL'SK	6430N	04044E	8		1013.9	1014.9	9.0	1.2	9.7	.6	7	31	-30	2	127	109
22602 REBOLY	6350N	03049E	182		992.8	1015.0	9.7	1.9	9.1	.0	5	19	-50	1	120	105
22837 VYTEGRA	6101N	03627E	56		1009.6	1016.5	10.6	1.3	10.8	.8	11	57	-20		121	100
<b>ESTONIA</b>																
26038 TALLINN	5923N	02435E	34		1012.7	1017.2	13.4	2.6	11.7	.7	5	25	-57	0	229	164
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26063 ST. PETERBURG	5958N	03018E	6		1017.0	1016.9	13.0	2.0	11.7	.9	4	15	-54	1	166	129
<b>ESTONIA</b>																
26214 VILSANDI	5823N	02149E	6		1015.5	1016.5	15.4	2.8	15.0	3.2	10	60	-13	2	202	117
26242 TARTU	5818N	02644E	68		1009.7	1018.1	13.2	2.7	11.4	.6	7	41	-24	1	190	138
<b>LATVIA</b>																
26314 VENTSPILS	5724N	02132E	3		1016.6	1016.9	15.0		13.6		8	42			203	125
26346 ALUKSNE	5726N	02702E	193		995.0	1018.1	12.5		11.3		9	54			177	120
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26477 VELIKIE LUKI	5621N	03037E	106		1005.2	1014.9	12.2	1.5	11.4	.6	7	20	-40		179	119
<b>LITHUANIA</b>																
26509 KLAJPEDA	5544N	02104E	7		1015.5	1016.4	15.2	1.9	13.3	1.0	4	30	-59	1	238	143
26629 KAUNAS	5453N	02350E	77		1008.3	1017.6	14.4	2.5	11.8	.3	3	29	-27		218	136
26730 VILNIUS	5438N	02506E	156		999.3	1017.9	13.9	2.3	11.5	.5	8	60	-5		194	139

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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	%
<b>RUSSIAN FEDERATION (EUROPE)</b>																
27037 VOLOGDA	5919N	03955E	130		1000.2	1015.9	9.7	.7	10.1	.3	10	41	-14	2	121	98
27199 KIROV	5836N	04938E	158		994.6	1013.8	9.3		9.7		9	32		1	126	95
27595 KAZAN'	5536N	04917E	116		999.8	1014.2	10.9	-.4	10.6	.6	11	75	24	5	124	78
27612 MOSKVA	5550N	03737E	156		998.8	1017.6	11.8	.8	11.5	1.1	8	48	-16			
<b>REPUBLIC OF MOLDOVA</b>																
33815 KISINEV	4701N	02859E	173		995.1	1016.2	17.9	1.7	12.8	1.0	4	26	-20	3	221	98
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34123 VORONEZ	5142N	03913E	149		999.5	1017.3	13.2		11.0		6	32		3		
34172 SARATOV	5134N	04602E	156		992.3	1016.3	12.2	-1.4	10.3	.3	8	39	1	3	181	119
34880 ASTRAHAN'	4617N	04803E	-23		1019.4	1016.9	16.9	-.5	12.5	.0	3	10	-13	1		
<b>ARMENIA</b>																
37686 GUMRI	4047N	04350E	1529		846.3	1484 Y	15.2		10.4		8	42		4	254	92
37709 SEVAN	4033N	04456E	1937		809.1	1499 Y	12.4		9.3		9	68		2	140	51
37789 YEREVAN	4008N	04428E	907		889.0	1495 Y	19.5	-1.2	10.6	-.9	3	30	20	5	311	112
<b>LEBANON</b>																
40100 BEYROUTH (AEROPORT)	3349N	03529E	19		1007.2	1010.2	27.3	1.8	21.7		0	0	-2	5		
<b>ISRAEL</b>																
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1005.2	1009.7	27.0		24.0		0	0		4		
40199 EILAT	2933N	03457E	12		1008.0	1008.3	31.1	.7	16.2		0	0		5	321	100
<b>JORDAN</b>																
40250 H-4 'IRWAISHED'	3230N	03812E	688		932.8	1007.5	26.3		14.3		0	0		4	322	100
40310 MA'AN	3010N	03547E	1070		892.3	1490 Y	24.3	.5	13.8	2.6	0	0	-1	5	332	104
<b>ASIA</b>																
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
20046 POLARGMO IM. E.T. KRENKELJA	8037N	05803E	22		1006.5	1009.3	-2.1	1.3	5.0	.6	6	19	-8	5	30	100
20069 OSTROV VIZE	7930N	07659E	10		1008.8	1010.1	-2.8	.6	4.7	.2	8	40	18	5	14	54
20292 GMO IM.E.K. FEDOROVA	7743N	10418E	15		1008.3	1010.2	-2.6	.1	4.8	.1	5	28	0	3	44	102
20674 OSTROV DIKSON	7330N	08024E	47		1006.4	1012.2	1.6	.5	6.4	.3	14	52	9	4	83	136
20891 HATANGA	7159N	10228E	33		1009.0	1013.2	1.3	-.3	5.8	-.1	9	45	11	4	106	120
21432 OSTROV KOTEL'NYJ	7600N	13552E	9		1006.2	1007.2	-.7	1.3	5.1	.3	6	20	2		60	136
21946 CHOKURDAH	7037N	14753E	61		1002.9	1010.5	.8	.3	5.6	.1	10	31	7		55	65
23205 NAR'JAN-MAR	6738N	05302E	12		1012.6	1014.1	5.3	-.3	8.2	.2	10	68	17	5	53	54
23219 HOSEDA-HARD	6705N	05923E	84		1003.2	1013.6	4.5	-.3	7.3	-.2	9	60	4		86	104
23330 SALEHARD	6632N	06640E	16		1012.7	1014.5	5.0	-.1	7.2	-.3	4	28	-21		74	77
23472 TURUHANSK	6547N	08756E	38		1010.5	1015.2	4.9	-.7	6.9	-.6	11	35	-32	1	120	121
23552 TARKO-SALE	6455N	07749E	27		1011.2	1014.6	4.7	-1.1	6.8	-.9	8	50	-10	0	139	142
23804 SYKTYVKAR	6143N	05050E	119		999.0	1013.4	8.2	.5	9.5	.5	16	95	40	5	88	85
23884 BOR	6136N	09001E	58		1009.8	1016.9	5.3	-1.7	7.5	-.6	11	46	-19	2	152	141
23933 HANTY-MANSIJSK	6101N	06902E	46		1007.9	1013.6	6.8	-1.0	8.3	-.5	11	46	-15		117	84

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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 <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
24125 OLENEK	6830N	11226E	220		986.3	1013.4	2.4	.3	5.3	-.5		28	-3		125	125
24143 DZARDZAN	6844N	12400E	39		1006.5	1011.3	2.5	-.3	6.4	.5	7	32	-8			
24266 VERHOJANSK	6733N	13323E	137		993.4	1010.5	1.9	-.4	4.9	-.4	4	10	-5	169	128	
24507 TURA	6416N	10014E	168		993.7	1016.6	4.4	-.5	6.1	-.5	4	23	-20	1	133	124
24641 VILJUJSK	6346N	12137E	111		919.0	1013.8	4.7	-.5	6.3	-.1	4	11	-16		187	122
24688 OJMJAKON	6315N	14309E	741		922.2	1010.2	2.1	.4	5.0	.0	5	14	-7		148	98
24738 SUNTAR	6209N	11739E	133		996.6	1014.0	5.9	.3	6.7	.2	6	15	-14		185	119
24817 ERBOGACEN	6116N	10801E	291		980.6	1016.1	5.3	.0	6.7	-.1	5	18	-15		125	86
24959 JAKUTSK	6201N	12943E	101		998.0	1010.4	6.6	.9	6.6	.1	4	31	3		158	91
25399 MYS UELEN	6610N	16950W	3		1007.9	1008.2	3.9	.8	7.4	.5	10	25	-34	1	7	10
25400 ZYRJANKA	6544N	15054E	43		1005.1	1010.4	3.8	.1	6.4	.2	11	76	49		119	88
25703 SEJMCCHAN	6255N	15225E	205		983.9	1009.1	3.8	.0	5.2	-.5	5	33	6	4	127	81
25744 KAMENSKOE	6226N	16605E	10		1007.0	1008.2	5.6	.6	7.5	.4	3	8	-37		144	104
25954 KORF	6021N	16600E	4		1007.1	1007.5	7.8	.4	8.1	-.1	6	47	-2	3	128	86
28224 PERM'	5801N	05618E	171		991.9	1012.5	9.6		10.1		15	76				
28275 TOBOL' SK	5809N	06815E	50		1006.2	1012.1	8.0	-1.1	8.7	-.3	16	53	7	3	82	53
28440 EKATERINBURG	5650N	06038E	283		978.2	1011.8	9.2	-.3	9.8	1.0	11	70	18	4		
<b>KAZAKHSTAN</b>																
28679 PETROPVLOVSK	5450N	06909E	142		995.7	1012.8	10.5	-.2	9.4	.6	8	55	26	5	107	58
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
28698 OMSK	5501N	07323E	122		998.4	1013.2	9.6	-.9	7.8	-.9	9	39	6		135	75
<b>KAZAKHSTAN</b>																
28952 KUSTANAI	5313N	06337E	156		995.3	1013.9	12.3	.2	10.4	2.0	8	65	39		139	66
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29231 KOLPASEVO	5819N	08257E	75		1007.2	1015.8	6.3	-2.0	7.3	-1.4	10	44	-6	1	174	118
29263 ENISEJSK	5827N	09209E	79		1008.0	1017.7	6.5	-1.5	7.6	-.8	7	30	-17	2	189	133
29282 BOGUCANY	5823N	09727E	133		1002.1	1018.3	7.2	-.7	7.2	-.9	6	25	-17	2	167	118
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		984.5	1018.2	7.3		7.6		10	32		3		
<b>KAZAKHSTAN</b>																
29807 IRTYSHSK	5321N	07527E	94		1003.1	1014.4	11.4	-.3	7.6	-1.0		17	-3			
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29838 BARNAUL	5326N	08331E	184		993.9	1016.2	10.0	-1.0	7.7	-1.2	8	41	13		166	83
29866 MINUSINSK	5342N	09142E	254		986.5	1017.2	9.2	-.9	8.5	-.5	9	36	-6	3	203	126
30230 KIRENSK	5746N	10804E	259		985.9	1017.5	6.5	-.3	7.8	.0	11	65	25		123	91
30309 BRATSK	5617N	10145E	416		968.3	1018.3	7.8	-.3	7.9	-.5	8	32	-8		186	113
30469 KALAKAN	5507N	11646E	613		941.1	1014.1	5.6	.0	6.0	-.4	5	19	-31	1	147	84
30554 BAGDARIN	5428N	11335E	903		909.2	1014.9	5.0	.2	6.0	.2	7	27	-11	2		
30635 UST' -BARGUZIN	5325N	10901E	461		961.5	1016.4	8.3	.1	9.0	1.0	8	37	-7	3		
30673 MOGOCA	5345N	11944E	625		939.7	1013.8	6.1	-.4	6.8	.0	2	9	-33	0	148	83
30710 IRKUTSK	5216N	10419E	469		961.9	1017.7	9.0	.3	8.4	-.2	5	14	-36		189	104
30758 CHITA	5205N	11329E	671		936.0	1014.8	8.0	.1	7.4	.2	7	37	-1	3	176	83
31004 ALDAN	5837N	12522E	79		932.7	1013.3	4.6	-.2	6.4	-.1	14	119	33		132	92
31088 OHOTSK	5922N	14312E	6		1006.2	1006.9	8.0	-.3	8.9	.1	10	100	22	4	151	88

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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	hr		
31168 AJAN	5627N	13809E	8		1007.0	1008.1	8.0	-1.1	8.0	-.6	8	176	26	159	101	
31253 BOMNAK	5443N	12856E	357		966.3	1011.7	8.3	.0	7.8	-.2	10	115	37	191	115	
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		1000.3	1008.5	10.0	-.4	10.4	.1	10	49	-39			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1000.6	1009.3	10.9	.7	10.1	.4	6	30	-41	163	95	
31510 BLAGOVESCHENSK	5015N	12734E	132		995.2	1010.5	11.7	-.4	10.4	.3	8	55	-15			
31735 HABAROVSK	4831N	13510E	76		1000.7	1011.5	13.4	.1	11.8	.3	4	55	-35	204	96	
31960 VLADIVOSTOK	4307N	13154E	183		991.8	1013.9	16.5	1.2	14.3	.1	8	43	-81	189	96	
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1008.9	1011.7	14.1	1.4	10.1	-2.0	10	122	16	4	147	79
32411 ICA	5535N	15535E	6		1006.3	1007.0	10.0	1.6	11.2	1.3	17	104	20	3	160	117
32583 PETROPAVLOVSK- KAMCATSKIJ	5259N	15839E	24		1004.5	1007.3	10.7		10.0		9	120		3		
32618 NIKOL'SKOE	5512N	16559E	18		1004.6	1006.9	9.1	.0	10.3	.2	13	64	-1	3	105	85
<b>KAZAKHSTAN</b>																
35078 ATBASAR	5149N	06822E	304		977.0	1013.0	12.4	.9	8.2	.7	4	14	-10	2	172	79
<b>RUSSIAN FEDERATION ( IN ASIA )</b>																
35121 ORENBURG	5141N	05506E	117		1000.6	1014.7	12.9	-.8	8.6	-.4	5	16	-18	1	206	97
<b>KAZAKHSTAN</b>																
35188 AKMOLA	5108N	07122E	350		972.5	1013.6	13.3	1.3	8.2	.5	3	12	-12	2	226	98
35229 AKTJUBINSK	5017N	05709E	219		989.0	1015.1	13.4	-.3	8.1	-.3		31	8	0		
35394 KARAGANDA	4948N	07309E	553		949.7	1014.0	13.4	1.2	7.2	.1	6	16	-6			
35796 BALHASH	4648N	07505E	350		973.6	1014.4	16.5	1.2	10.5	1.9	3	9	0	5		
35849 KAZALINSK	4546N	06207E	68		1007.7	1015.7	17.3	.0	9.6	1.0		43	35	0		
35925 SAM	4524N	05607E	88		1006.4	1016.9	17.2	-.7	9.3	.3	1	5	-3			
36177 SEMIPALATINSK	5025N	08018E	196		991.3	1014.7	12.8	.3	9.0	.8	6	43	25	5		
36535 KOKPEKTY	4845N	08222E	512		955.5	1015.5	12.3	.5	12.7	5.2	6	52	36			
36870 ALMATY	4314N	07656E	851		918.2	1013.2	18.2	1.4	10.7	1.6	8	43	13	4	257	105
<b>UZBEKISTAN</b>																
38023 KARAKAPALKIJA	4451N	05620E	126		1002.0	1010.7	17.3		7.2		0	2		1	84	30
<b>KAZAKHSTAN</b>																
38062 KYZYLORDA	4451N	06530E	130				19.2	1.4	7.3	-.6	1	4	1	3		
<b>UZBEKISTAN</b>																
38141 JASLYK	4353N	05731E	128		1002.7	1017.7	17.6		5.6		0	0	0			
38262 CHIMBAJ	4257N	05949E	66		1007.8	1015.6	18.7	.6	12.8	2.1	3	2	0	3	278	97
38403 BUZAUBAJ	4145N	06228E	98		1002.1	1016.1	22.0		9.2		0	0	0	1		
38413 TAMDY	4144N	06437E	237		987.2	1014.6	22.0	.3	7.6	-.1	1	1	0	1	315	101
38457 TASHKENT	4116N	06916E	488		956.7	1011.8	21.1	1.0	11.6	1.5	3	11	6	5	276	92
38611 NAMANGAN	4059N	07135E	474		957.9	1011.5	21.2				0	2		1		
38618 FERGANA	4022N	07145E	577		945.4	1010.0	21.5	1.5	13.9	1.5	0	T	-4	0	263	90
38683 BUHARA	3943N	06437E	226		984.1	1012.3	21.6		10.5		2	7		6		
38812 KARSHI	3848N	06543E	376		968.1	1010.8	22.5		9.8		1	4		5		
38816 MINCHUKUR	3839N	06656E	2121		792.1		15.1		6.6		2	11		5		
38829 DENAU	3816N	06754E	520		951.4	1007.8	23.2		16.5		1	12		6		
38927 TERMEZ	3714N	06716E	310		974.6	1009.9	23.3	1.3	12.5	1.3	1	3	3	6	315	100

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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	
<b>SAUDI ARABIA</b>																
40356	TURAIIF	3141N	03844E	852	914.3	1485 Y	26.1		8.4		0	0			328	
40357	ARAR	3054N	04108E	549	945.6	1006.4	30.5		7.9		0	0				
40360	GURIAT	3124N	03716E	504	952.4	1008.2	26.0		12.0		0	0			324	
40361	AL-JOUF	2947N	04006E	689	933.6	1005.7	30.1		7.5		0	0				
40362	RAFHA	2937N	04329E	444	956.1	1004.7	32.4		10.7		0	0			301	
40375	TABUK	2822N	03636E	768	923.6	1006.1	28.7		10.2		0	0			319	
40377	HAFR AL-BATIN	2754N	04532E	414	959.7	1004.5	34.0		10.4		0	0				
40394	HAIL	2726N	04141E	1013	899.1	1498 Y	31.8		8.7		0	0			263	
40400	WEJH	2612N	03628E	21	1003.4	1006.1	28.8		29.9		0	0			299	
40416	DHAHRAN	2616N	05009E	17	1000.6	1002.5	33.4	1.5	25.6	8.0	0	0	0	0		
40420	AL AHSА	2518N	04929E	178	984.2	1003.7	34.3		13.6		0	0				
40430	MADINAH	2433N	03942E	636	935.6	1002.9	36.2	1.8	9.3	4.0	1	2	1		240	
<b>IRAN, ISLAMIC REPUBLIC OF</b>																
40706	TABRIZ	3805N	04617E	1361	862.0	1008 Y	21.6	.5	9.6	1.0	1	11	2		314	104
40745	MASHHAD	3616N	05938E	989	902.3	1010 Y	22.3	2.5	12.7	4.4	0	0	-1		319	105
40754	TEHRAN-MEHRABAD	3541N	05121E	1191	879.3	1005 Y	26.5	1.1	10.5	2.9	0	0	-1		320	106
40800	ESFAHAN	3238N	05143E	1550	842.7	1004 Y	24.3	.8	8.4	1.4	0	0	0		328	105
40831	ABADAN	3022N	04815E	11	1003.0	1004.4	34.2	1.4	19.8	4.5	0	0	-1		310	107
40841	KERMAN	3015N	05658E	1754	823.4	1003 Y	24.6	1.3	7.3	1.8	0	1	0		318	104
40848	SHIRAZ	2932N	05235E	1491	849.0	1003 Y	26.8	2.3	8.7	1.4	0	0	0		310	97
<b>SAUDI ARABIA</b>																
41024	JEDDAH (KING ABDUL AZIZ INT.	2142N	03911E	17	1003.1	1005.0	32.0	1.3	32.6	3.1	0	0	-1		234	
41030	MAKKAH	2126N	03946E	240	977.3	1003.5	35.0		28.9		5	30				
41055	AL BAHА	2018N	04138E	1662	833.2	1471 Y	28.5		9.4		3	6			234	
41061	WADI AL DAWASSER AIRPORT	2030N	04512E	622	936.0	1002.2	34.1		7.5		0	0			301	
41084	BISHA	1959N	04237E	1163	881.9	1485 Y	30.6		7.1		0	0			275	
41112	ABHA	1814N	04239E	2093	793.6	1489 Y	22.1		10.0		3	17			241	
41114	KHAMIS MUSHAIT	1818N	04248E	2056	796.9	1486 Y	23.1		11.8		1	5			266	
41128	NAJRRAN	1737N	04425E	1210	876.5	1482 Y	29.8		5.8		0	0			269	
41136	SHARURAH	1728N	04707E	725	925.5	1002.2	33.4		8.2		0	0			272	
41140	GIZAN	1654N	04235E	7	1003.9	1004.7	32.9		33.5		2	22				
<b>KUWAIT</b>																
40582	KUWAIT INT'L. AIRPORT	2913N	04759E	55	999.3	1005.5	35.6	2.3	13.8		0	0	0		323	113
<b>UNITED ARAB EMIRATES</b>																
41194	DUBAI INTERNATIONAL AIRPORT	2515N	05520E	5	1002.6	1003.8	32.9	.8	27.2	- .7					321	104
41217	ABU DHABI INTER. AIRPORT	2426N	05439E	27	1000.7	1003.5	33.9	1.7	25.8	-1.6	0	0	-T	5	317	100
41218	AL AIN INTERNATIONAL AIRPORT	2416N	05536E	262	974.3	1003.4	34.3	2.1			0	0	-T		302	96
<b>OMAN</b>																
41256	SEEB, INTERNATIONAL AIRPORT	2335N	05817E	8	1003.4	1004.4	28.8		30.3		0	0			0	329
41268	SUR	2232N	05929E	14	1003.9	1005.4	30.5		27.0		0	0			0	295
41288	MASIRAH	2040N	05854E	19	1003.8	1006.0	26.5		25.6		0	T		1	234	
41314	THUMRAIT	1740N	05402E	467	955.7	1007.0	29.4		18.0		0	0			0	
41316	SALALAH	1702N	05405E	20	1005.0	1007.7	26.5		28.9		0	1		2	110	

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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	
<b>PAKISTAN</b>																
41530 PESHAWAR	3401N	07135E	360		962.9	1002.1	30.5	1.6	26.3		2	15	-2	3		90
41560 PARACHINAR	3352N	07005E	1725		825.9	1475 Y					11	84	29			105
41598 JHELUM	3256N	07343E	234		976.8	1002.7	29.9	.9	28.8		8	126	49	5		90
41620 ZHOB	3121N	06928E	1407		854.1	1447 Y	27.5	1.6	12.7		2	12	2	4		
41624 DERA ISMAIL KHAN	3149N	07055E	173		983.1	1002.1	31.8	1.6	27.9		1	8	-9	3		90
41640 LAHORE CITY	3133N	07420E	215		979.0	1002.7	31.1	1.4	27.9		4	20	-41	2		90
41660 QUETTA AIRPORT	3015N	06653E	1587		836.9	1453 Y	23.7	2.6	8.1		0	T	-1	5		
41675 MULTAN	3012N	07126E	123		988.9	1002.5	32.1	1.1	26.3		0	T	-10	2		100
41712 DAL BANDIN	2853N	06424E	850		911.5	1471 Y	30.5	2.8	9.7		0	0	-1	5		
41715 JACOBABAD	2818N	06828E	56		996.2	1002.4	31.7	.3	29.7		0	0	-11	4		110
41739 PANJGUR	2658N	06406E	981		897.5	1458 Y	28.6	1.4	15.3		1	5	4	5		110
41756 JIWANI	2504N	06148E	57		998.7	1005.1	25.3	-2.6	27.7		0	0	-1	5		
41768 CHHOR	2531N	06947E	6		1002.9	1003.6	30.3	.5	26.3		0	0	-22	3		
41780 KARACHI AIRPORT	2454N	06708E	22		1002.6	1005.3	29.7	.8	27.1		0	0	-19	4		120
<b>INDIA</b>																
42027 SRINAGAR	3405N	07450E	1587		838.1	1462 Y	22.1	2.3	15.9		4	20	-8	3	225	
42071 AMRITSAR	3138N	07452E	234		977.5	1003.3	29.5	1.2	29.6		4	76	-3	3	221	92
42147 MUKTESHWAR KUMAON	2928N	07939E	2311		774.1	3158 Z	16.5	.4	17.6		16	224	27	4		
42165 BIKANER	2800N	07318E	224			1002.5	32.8	2.1	22.8		1	15	-19	3		
42182 NEW DELHI /SAFDARJUNG	2835N	07712E	216		979.5	1003.4	29.7	.2	30.4		5	76	-37	3	140	64
42261 AGRA	2710N	07802E	169		984.5	1002.4			28.4		10	236	123	5		
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111		993.6	1006.0	28.1	1.0	31.5		13	221	-133	2	154	
42339 JODHPUR	2618N	07301E	224			1003.7	31.3		23.5		1	1		1		
42410 GAUHATI	2606N	09135E	54		999.3	1005.4	28.7	.8	32.6		14	189	-10	4	163	117
42452 KOTA AERODROME	2509N	07551E	274			1003.7	29.4	-2	26.6		12	149	54	5		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		990.8	1001.7	29.2	.5	34.2		18	255	56	5	82	45
42515 CHERRAPUNJI	2515N	09144E	1313		866.7	1481 Y	20.6	.4	22.1		23	0402	-950	1		
42587 DALTONGANJ	2403N	08404E	221		975.3	1000.9			32.3		9	102	-104	1		
42619 SILCHAR	2445N	09248E	29		1001.2	1004.5	28.7		33.2		16	366				
42647 AHMADABAD	2304N	07238E	55		999.4	1005.6	30.1	1.0	27.7		1	13	-70	2	211	96
42671 SAGAR	2351N	07845E	551		942.7	1003.7	25.3	-1.0	28.5		21	693	531	6		
42731 DWARKA	2222N	06905E	11		1005.2	1006.5	28.9	.8	30.8		2	11	-10			
42754 INDORE	2243N	07548E	567		942.9	1005.2	26.1	-1	26.4		13	324	139	5	108	60
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1003.5	1004.2	28.3	-8	33.5		21	745	457	5	77	66
42867 NAGPUR SONEGAON	2106N	07903E	310		969.4	1004.0	26.5	-1.2	29.0		21	237	80	4	76	42
42909 VERAVAL	2054N	07022E	8		1005.9	1006.7	28.7	1.1	31.1		5	37	-42	3		
42933 AKOLA	2042N	07702E	282		973.3	1004.7	26.7	-1.3	28.0		14	196	89	4		
42971 BHUBANESWAR	2015N	08550E	46		998.7	1003.8	29.1	.6	33.6		15	168	-73	2	73	49
43041 JAGDALPUR	1905N	08202E	553		944.0	1004.5	25.7	-2	28.1		19	191	-9	2		
43057 BOMBAY/COLABA	1854N	07249E	11		1006.5	1007.7	27.5	-2	31.9		23	406	99	5	125	76
43063 POONA	1832N	07351E	559		945.4	1007.1			24.5		12	144	-11	4	121	68
43128 HYDERABAD AIRPORT	1727N	07828E	545		945.7	1005.5	25.9	-7	25.8		8	124	-28	2	145	87
43149 VISHAKHAPATNAM	1743N	08314E	3		1004.1	1004.5	29.9	.6	30.8		10	106	-54	2		
43185 MACHILIPATNAM	1612N	08109E	3		1004.5	1004.8	29.2	.3	31.4		8	109	-47	2	132	
43192 GOA/PANJIM	1529N	07349E	60		1001.5	1008.2	27.0	.1	31.0		15	204	-33	2	163	92
43198 BELGAUM/SAMBRA	1551N	07437E	747		925.7	1007.4	23.6	-1	22.9		6	27	-97	0		

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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	%
43279	MADRAS/MINAMBAKKAM	1300N	08011E	16	1004.3	1006.0	29.5	-.2	28.8		8	122	-39	3	207	105
43295	BANGALORE	1258N	07735E	921	907.2	1487 Y	24.7	.8	22.0		10	164	-80	2	156	109
43314	KOZHICODE	1115N	07547E	5	1008.6	1009.2	27.4	.6	30.5		8	39	-199	1		
43333	PORT BLAIR	1140N	09243E	79	999.8	1008.7	26.1	.3	30.3		26	317	-86	1	122	98
43363	PAMBAN	0916N	07918E	11	1006.1	1007.3	30.1	.8	30.4		1	16	-13	3		
43369	MINICOY	0818N	07309E	2	1009.1	1009.3	28.5	.9	31.1		15	95	-89	1	234	123
43371	THIRUVANANTHAPURAM	0829N	07657E	64	1002.0	1009.2	27.9	1.0	29.1		5	35	-144	1	232	134
<b>MONGOLIA</b>																
44203	RINCHINLHUMBE	5107N	09940E	1583	840.4	1018.8	3.3	-1.3			2	6	-24	1		
44207	HATGAL	5026N	10009E	1668	832.2	1019.0	3.3	-1.0	5.2	.0	2	18	-18	1		
44212	ULAAN-GOM	4959N	09205E	939	908.0	1015.9	10.3	.3			2	11	-2	1	252	101
44213	BARUUNTURUUN	4939N	09424E	1232	876.2	1014.9	9.0	.1	6.8	-.3	4	10	-14	1		
44214	UIGI	4856N	08956E	1715	826.5	1013.8	8.5	-.1	6.2	-.4	2	6	-6	1		
44215	OMNO-GOBI	4901N	09143E	1590	838.9	1014.3	7.8	-.1	5.7	-.7	4	17	5	3		
44218	HOVD	4801N	09134E	1405	857.0	1011.4	10.6	.0	7.1	.2	5	15	5	3		
44225	TOSONTSENGEL	4844N	09812E	1723	826.6	1011.8	5.6	.0	5.7	.0	8	47	31	6		
44230	TARIALAN	4934N	10200E	1235	878.4	1018.3	7.5	-.4	7.0	.3	6	44	19	5		
44231	MUREN	4934N	10010E	1283	870.8	1016.6	8.1	.2	6.0	-.2	2	11	-6	1	249	100
44232	HUTAG	4923N	10242E	938	909.7	1019.0	8.9	.1	9.0	1.4	6	26	-9	2		
44237	ERDENEMANDAL	4832N	10123E	1509	847.7	1016.6	6.4	-.8	5.8	-1.2	7	39	18	5		
44239	BULGAN	4848N	10333E	1208	878.3	1016.1	7.2	.0			5	30	-2	2		
44241	BARUUNKHARAA	4855N	10604E	807	922.8	1016.5	9.7	.6	8.2	.6	8	69	35	6		
44256	DASHBALBAR	4933N	11424E	705	931.4	1013.9	8.6	-.4	8.4	.7	6	61	29	5		
44259	CHOIBALSAN	4805N	11433E	747	928.8	1015.6	10.4	-.2	8.1	.3	7	32	5	3		
44265	BAITAG	4607N	09128E	1186	882.9	1014.6	10.9	-1.1	5.3	-1.8	0	4	-3	1		
44272	ULIASTAI	4745N	09651E	1759	820.5	1011.8	.7	-6.3	5.2	-.5	7	27	6	2		
44275	BAYANBULAG	4650N	09805E	2255	773.5	1015.5	3.8	.7	5.6	.0	8	29	17	4		
44277	ALTAI	4624N	09615E	2181	782.0	1015.8	5.8	-.5	7.2	2.1	8	45	29	5		
44282	TSETSERLEG	4727N	10128E	1691	829.3	1016.9	6.5	-1.0	6.6	.8	10	50	24	5		
44284	GAIUUT	4642N	10008E	2126	787.6	1017.6	4.7	-.3	3.9	-1.0	6	39	21	4		
44285	HUJIRT	4654N	10246E	1662	830.2	1015.6	7.0	.1	7.2	.8	11	34	9	3		
44287	BAYANHONGOR	4608N	10041E	1859	812.4	1013.7	7.9	-.3	7.0	.9	6	53	35	6		
44288	ARVAIHEER	4616N	10247E	1813	816.8	1014.3	8.1	-.3	7.1	1.2	5	25	6	3		
44292	ULAAN-BAATOR	4755N	10652E	1306	868.9	1015.9	8.8	1.5	7.0	.5	8	61	35	5	201	82
44294	MAANTI	4718N	10729E	1430	852.4	1014.6	8.4	1.2	7.2	.5	6	42	19	4		
44298	CHOIR	4627N	10813E	1286	870.0	1013.2	11.2	1.3	6.5	-1.2	0	3	-16	1		
44302	BAYAN-OVOO	4747N	11207E	926	908.5	1013.3			8.1	1.0	3	30	1	2		
44304	UNDERKHAAN	4719N	11038E	1033	897.5	1015.2	10.2	.8	7.8	.9	3	48	25	5		
44305	BARUUN-URT	4641N	11317E	981	903.0	1015.0	11.8	1.0	4.3	-3.4	0	T	-21	1		
44313	KHALKH-GOL	4737N	11837E	688	944.1	1014.2	11.0	.7	4.1	-3.9	5	25	-6	2		
44314	MATAD	4710N	11538E	907	911.8	1015.8	11.2	.4	7.2	-.3	4	9	-14	1		
44336	SAIKHAN-OVOO	4527N	10354E	1316	867.5	1014.2	12.0	.6	6.9	.5	4	20	9	2		
44341	MANDALGOVI	4546N	10617E	1393	859.2	1013.8	11.0	.8	7.9	1.2	3	24	9	2		
44347	TSOGT-OVOO	4425N	10519E	1298	868.7	1012.5	13.4	.5	9.3	2.0	3	13	1	2		
44352	BAYANDELGER	4544N	11222E	1101	890.9	1014.4	12.2	.9	7.2	-.6	3	6	-15	1		
44358	ZAMYN-UUD	4344N	11154E	964	905.0	1013.2	15.0	1.5	9.6	1.4	4	15	1	2		
44373	DALANZADGAD	4335N	10425E	1465	851.5	1012.5	13.4	.3	8.7	2.1	4	45	32	6	206	95



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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	
<b>HONG KONG, CHINA</b>																
45004 KING'S PARK	2219N	11410E	66		999.2	1006.7	27.4	- .4	28.1	- .1	15	360	55	3	149	82
<b>REPUBLIC OF KOREA</b>																
47101 CHUNCHON	3754N	12744E	75		1003.5	1012.2	21.5	2.8	21.5	4.7	10	348	186	5	155	89
47105 KANGNUNG	3745N	12854E	27		1010.4	1013.5	22.0	2.3	20.3	2.6	10	478	262	5	150	97
47108 SEOUL	3734N	12658E	87		1002.0	1012.0	22.9	2.3	21.0	3.4	9	377	209	5	120	67
47115 ULLUNGDO	3729N	13054E	223		988.8	1014.4	21.2	1.6	21.7	3.3	9	467	332	6	132	86
47133 TAEJON	3618N	12724E	78		1004.4	1012.5	22.6	2.4	23.1	4.4	13	360	206	5	146	81
47138 POHANG	3602N	12923E	6		1012.9	1013.4	23.0	2.1	23.4	4.3	10	348	194	5	143	93
47159 PUSAN	3506N	12902E	71		1003.5	1011.7	23.8	1.9	23.8	3.9	11	320	134	5	163	97
47165 MOKPO	3447N	12623E	56		1007.0	1011.3	23.5	1.5	23.4	2.8	12	324	194	5	155	84
47168 YOSU	3444N	12744E	68		1003.4	1011.2	23.6	1.5	23.3	3.6	10	246	94	5	167	87
47184 CHEJU	3331N	12632E	24		1008.2	1010.9	24.6	1.9	25.1	3.6	12	508	329	6	131	76
<b>JAPAN</b>																
47401 WAKKANAI	4525N	14141E	11		1010.5	1011.8	18.3	1.9	15.7	1.7	12	139	14	4	176	98
47407 ASAHIKAWA	4346N	14222E	116		999.8	1013.4	17.4	2.1	15.9	2.0	12	79	-52	2	167	111
47409 ABASHIRI	4401N	14417E	43		1007.9	1012.9	18.4	2.7	16.2	2.0	7	66	-31	1	186	111
47412 SAPPORO	4303N	14120E	26		1010.1	1013.1	19.7	2.5	17.1	2.4	8	108	-29	3	166	99
47418 KUSHIRO	4259N	14424E	37		1009.2	1013.5	17.7	2.5	16.9	2.1	7	104	-31	2	164	109
47420 NEMURO	4320N	14535E	39		1009.0	1013.6	18.1	2.8	16.9	2.0	8	84	-56	2	167	111
47421 SUTTSU	4248N	14014E	38		1008.6	1013.0	19.4	2.0	18.2	2.5	9	97	-51	2	153	91
47426 URAKAWA	4210N	14247E	37		1009.4	1013.7	19.1	2.2	18.1	2.2	9	92	-43	2	172	98
47430 HAKODATE	4149N	14045E	43		1008.2	1013.3	20.0	2.5	19.2	3.2	8	134	-41	2	162	103
47575 AOMORI	4049N	14046E	3		1013.0	1013.4	20.8	2.4	18.9	2.2	9	208	81	5	135	83
47582 AKITA	3943N	14006E	21		1010.9	1013.4	21.8	2.2	20.2	2.4	12	224	43	4	120	74
47585 MIYAKO	3939N	14158E	46		1008.5	1013.9	20.4	2.0	20.2	2.4	10	317	105	5	132	103
47598 ONAHAMA	3657N	14054E	5		1013.0	1013.6	23.8	2.9	23.7	3.3	13	211	36	4	159	122
47600 WAJIMA	3723N	13654E	14		1011.0	1012.6	23.2	2.2	24.6	4.5	13	230	-29	3	120	84
47602 AIKAWA	3802N	13815E	17		1010.8	1012.7	23.4	2.3	22.7	3.2	12	282	122	5	135	89
47605 KANAZAWA	3635N	13638E	33		1008.5	1012.3	25.1	3.0	24.1	3.5	12	349	102	5	137	99
47618 MATSUMOTO	3615N	13758E	611		944.2	1012.3	22.3	3.0	20.2	3.1	9	239	93	5	130	93
47624 MAEBASHI	3624N	13904E	113		1000.2	1013.2	24.4	2.9	23.2	3.3	13	155	-28	3	123	110
47636 NAGOYA	3510N	13658E	56		1006.6	1013.0	25.8	2.7	26.8	5.4	15	355	144	5	123	89
47648 CHOSHI	3544N	14052E	28		1010.3	1013.5	25.4	2.7	26.6	3.7	6	119	-67	1	172	122
47655 OMAEZAKI	3436N	13813E	47		1007.8	1013.1	25.6	2.0	26.8	3.2	15	114	-97	2	167	100
47662 TOKYO	3541N	13946E	36		1009.0	1013.1	26.2	3.0	23.9	3.1	8	91	-88	1	130	118
47663 OWASE	3404N	13612E	27		1009.6	1012.7	25.0	2.1	28.3	5.5	20	1106	449	5	92	79
47675 OSHIMA	3445N	13222E	79		1004.4	1013.5	25.0	3.4	26.8	4.1	11	91	-238	1	120	104
47678 HACHIJOJIMA	3306N	13947E	80		1004.2	1013.3	26.7	1.9	29.7	3.9	17	557	213	5	161	109
47740 SAIGO	3612N	13320E	31		1008.5	1012.1	23.7	2.2	24.2	3.4	15	325	120	5	135	83
47741 MATSUE	3527N	13304E	22		1009.1	1011.6	24.6	2.6	26.3	4.6	12	153	-63	2	131	86
47750 MAIZURU	3527N	13519E	22		1009.9	1012.4	24.8	2.6	24.7	3.3	12	235	11		124	98
47755 HAMADA	3454N	13204E	20		1008.9	1011.2	24.8	2.6	25.7	4.2	10	157	-51	2	128	79
47772 OSAKA	3441N	13531E	83		1002.8	1012.1	27.2	3.0	24.8	3.8	14	156	-15	4	151	99
47778 SHIONOMISAKI	3327N	13546E	75		1003.7	1012.2	25.9	2.0	27.6	3.5	20	455	149	5	142	86
47800 IZUHARA	3412N	12918E	19		1009.3	1011.5	24.7	2.2	25.3	3.6	12	309	58	4	118	93
47807 FUKUOKA	3335N	13023E	15		1009.1	1010.7	26.2	2.5	26.1	3.8	11	185	10	4	121	76

# SURFACE

## SEPTEMBER 1999

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	%
47815 OITA	3314N	13137E	13		1009.8	1011.2	25.5	2.3	26.2	3.7	17	440	213	5	112	76
47817 NAGASAKI	3244N	12952E	35		1006.5	1010.5	26.4	2.1	27.1	4.1	17	490	300	6	123	72
47827 KAGOSHIMA	3133N	13033E	31		1007.2	1010.7	27.4	2.3	27.9	3.6	16	309	93	5	128	77
47830 MIYAZAKI	3155N	13125E	7		1010.3	1011.1	26.3	2.2	27.6	2.9	18	655	327	5	117	73
47837 TANEGASHIMA	3044N	13100E	18		1008.6	1010.7	27.1	1.5	29.1	2.3	16	438	185	5	159	87
47843 FUKUE	3242N	12850E	26		1007.3	1010.3	25.4	2.0	26.8	3.7	16	634	395	5	115	70
47887 MATSUYAMA	3350N	13247E	34		1007.4	1011.3	26.0	2.5	24.8	3.4	11	173	21	4	134	83
47891 TAKAMATSU	3419N	13403E	10		1010.6	1011.7	26.3	3.2	25.6	3.3	14	169	-25	3	153	95
47898 SHIMIZU	3243N	13301E	33		1007.9	1011.6	26.8	1.9	28.4	3.8	17	425	101	4	147	84
47899 MUROTOMISAKI	3315N	13411E	186		990.7	1011.8	25.3	1.9	28.7	5.1	21	494	186	5	140	82
47909 NAZE	2823N	12930E	7		1009.0	1009.8	27.4	.8	29.2	1.8	22	580	282	5	111	71
47918 ISHIGAKIJIMA	2420N	12410E	7		1007.5	1008.3	28.0	.3	29.7	.4	16	463	234	5	178	87
47927 MIYAKOJIMA	2447N	12517E	41		1003.4	1008.0	27.5	.4	29.9	.9	19	385	186	5	160	78
47936 NAHA	2612N	12741E	53		1002.4	1008.4	28.2	1.0	29.8	1.3	13	694	526	6	174	84
47945 MINAMIDAITOJIMA	2550N	13114E	20		1007.6	1009.9	28.4	1.2	30.1	.9	14	120	0	3	229	101
47971 CHICHIJIMA	2705N	14211E	8		1012.9	1013.8	27.9	.6	30.7	1.1	19	125	15		210	94
47991 MINAMITORISHIMA	2418N	15358E	9		1013.6	1014.6	28.8	.8	30.0	.2	16	119	1		259	101
<b>THAILAND</b>																
48327 CHIANG MAI	1847N	09859E	314		971.7	1007.0	25.9	-.6	29.0	1.0	22	165	-63	1	141	81
48354 UDON THANI	1723N	10248E	182		987.6	1007.3	27.8	.6	30.7	1.3	19	419	165	5		
48378 PHITSANULOK	1647N	10016E	45		1001.9	1007.1	27.7	-.1	29.8	-.4	16	286	45	4	177	107
48400 NAKHON SAWAN	1548N	10010E	35		1003.1	1007.1	27.9	.0	31.2	.4	20	0193	-039	2	188	113
48431 NAKHON RATCHASIMA	1458N	10205E	188		986.3	1007.4	28.3	1.4	30.0	1.2	18	154	-90	1		
48455 BANGKOK	1344N	10034E	20		1007.1	1007.7	28.6	.8	30.5	.0	12	211	-133	1	160	104
48462 ARANYAPRATHET	1342N	10235E	49		1002.3	1007.9	27.8	.6	30.3	.1	11	198	-78	1		
48480 CHANTHABURI	1236N	10207E	4		1007.8	1008.2	27.1	.4	26.4	-4.0	27	620	145	5	138	108
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1007.5	1008.1	28.2	.7	28.5	-.4	8	83	-13	3		
48517 CHUMPHON	1029N	09911E	5		1008.1	1008.6	28.0	1.1	28.6	-.9	21	176	18	4		
48568 SONGKHLA	0712N	10036E	5		1008.3	1009.0	27.8	-.1	29.2	.3	15	119	-11	3	203	108
<b>LAO PDR</b>																
48930 LUANG-PRABANG	1953N	10208E	305		973.2	1007.2	26.6	.2	30.5	1.3	16	88	-84	1		
48938 SAYABOURY	1914N	10144E	326		984.1	1003.3	26.6	.2	28.6	-.6	19	232	60			
48940 VIENTIANE	1757N	10234E	171		987.7	1007.1	27.1	.1	29.9	1.0	25	487	192	5		
48946 THAKHEK	1723N	10439E	152		991.9	1009.2	27.4	.4	28.9	.0	18	362	67			
48947 SAVANNAKHET	1633N	10439E	145		992.9	1010.5	27.8	1.8	28.8	1.1	18	286	73			
48948 SENO	1640N	10500E	185		982.7	1006.8	24.3	-1.7	26.3	-1.4	15	163	-50	1		
48955 PAKSE	1507N	10510E	102		995.1	1005.7	27.7	.4	29.5	.1	19	190	-107	2		
<b>CHINA</b>																
50527 HAILAR	4913N	11945E	611		941.6	1013.4	10.2	.3	8.8	.6	6	34	-1	3	192	86
50745 QIQIHAR	4723N	12355E	148		995.4	1013.0	14.7	.7	11.4	.7	2	7	-37	1	267	108
51076 ALTAY	4744N	08805E	737		931.0	1016.0	13.7	-.7	8.1	.8	5	13	-2	3	260	94
51431 YINING	4357N	08120E	663		938.4	1014.1	17.7	.9	12.1	1.7	1	28	13	5	305	115
51463 URUMQI	4347N	08737E	919		911.0	1014.3	16.9		9.1		6	33		5	272	100
51709 KASHI	3928N	07559E	1291		868.8	1007.6	21.5	2.1	11.4	1.1	0	T	-5	1	312	120
51777 RUOQIANG	3902N	08810E	889		909.4	1007.5	21.6	1.6	9.8	2.0	0	T	-1	4	299	102
51828 HOTAN	3708N	07956E	1375		859.5	1005.6	22.6	2.9	10.2	.5	0	T	-2	3	260	109

# SURFACE

## SEPTEMBER 1999

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	hr		
52533 JIUQUAN	3946N	09829E	1478		851.1	1011.4	16.0	1.3	8.9	.9	0	1	-9	2	280	104
52836 DULAN	3618N	09806E	3192		694.1		11.7	2.5	4.8	-1	3	6	-10	2	276	110
52889 LANZHOU	3603N	10353E	1518		847.2		19.3	3.6	12.0	-1					222	117
53068 ERENHOT	4339N	11200E	966		905.0	1013.9	15.0	1.5	6.8	-3	2	13	-5	3	251	89
53614 YINCHUAN	3829N	10613E	1112		888.6	1011.3	18.2	2.2	13.9	2.0	3	46	23	5	203	85
53772 TAIYUAN	3747N	11233E	779		925.8	1013.6	19.0	2.9	15.7	2.4	6	37	-27	2	183	90
54292 YANJI	4253N	12928E	178		993.4	1014.5	15.8	1.3	13.4	.7					215	109
54342 SHENYANG	4146N	12326E	43		1008.2	1014.3	18.7	1.4	14.5	.6	2	71	-5	3	221	94
54511 BEIJING	3956N	11617E	55		1010.1	1013.9	20.8	1.2	16.0	.3	6	37	-11	3	150	62
54857 QINGDAO	3604N	12020E	77		1004.3	1013.0	23.0	1.5	21.2	2.9	5	130	40	5	192	87
56137 QAMDO	3109N	09710E	3307		684.6		13.1	.0			9	72	2	3	201	105
56294 CHENGDU	3040N	10401E	508		953.6	1010.8	22.9	1.9	23.5	2.2	14	135	4	3	78	98
56571 XICHANG	2754N	10216E	1599		839.2		20.9	1.2	17.7	.6	12	142	-11	3	198	140
56739 TENGCHONG	2507N	09829E	1649		833.7		19.8	.8	19.4	.4	15	214	55	5	154	118
56778 KUNMING	2501N	10241E	1892		811.2		19.2	1.7	16.5	-1	11	123	2	3	152	110
56985 MENGZI	2323N	10323E	1302		868.5	1008.8	21.5		19.7		12	113		4	172	100
57036 XI'AN	3418N	10856E	398		966.0	1011.4	22.3	2.9	20.0	2.1	8	49	-58	1	95	70
57083 ZHENGZHOU	3443N	11339E	111		1000.2	1013.1	22.9	2.2	21.8	3.7	4	103	14	4	120	66
57461 YICHANG	3042N	11118E	134		995.7	1011.1	25.5	2.4	23.9	2.6	6	105	-21	3	153	108
57745 ZHIJIANG	2727N	10941E	273		979.8	1010.9	24.0	.9	24.3	2.7	5	28	-38	2	198	115
57993 GANZHOU	2551N	11457E	125		995.3	1009.5	26.6	.5	26.7	2.2	10	141	48	4	231	120
58362 SHANGHAI	3124N	12128E	4		1010.3	1011.2	25.8		27.3		6	54		1	145	75
58606 NANCHANG	2836N	11555E	50		1004.6	1009.8	26.5	1.8	27.5	3.8	3	34	-41	2	213	110
59287 GUANGZHOU	2308N	11319E	8		1003.1	1008.1	27.1	.0	28.2	.2		273	101	5	163	88
59316 SHANTOU	2324N	11641E	3		1007.3	1008.2	27.6	1.1	29.3	.6	12	299	155	5	196	98
59431 NANNING	2249N	10821E	73		994.0	1008.4	26.1	-1.7	27.2	-1	8	131	7	4	205	102
59758 HAIKOU	2002N	11021E	24		1005.4	1007.4	27.7	.8	29.9	-4	5	46	-204	0	178	88
<b>AFRICA</b>																
<b>MADEIRA</b>																
08522 FUNCHAL	3238N	01654W	56		1011.6	1018.3	22.7	.4	18.7	-1.0	3	32	-5	4	180	90
<b>WESTERN SAHARA</b>																
60096 VILLA CISNEROS	2342N	01552W	10		1012.4	1013.8	23.0		22.9		2	7		1	274	110
<b>MOROCCO</b>																
60101 TANGER(AERODROME)	3544N	00554W	21		1013.6	1015.4	21.9	-1.9	18.9		3	69	55	5	271	95
60115 OUJDA	3447N	00156W	470		961.3	1014.5	21.6	-1.9	17.4		2	28	18	5	257	70
60120 KENITRA	3418N	00636W	14		1013.8	1015.5	21.8	-1.4	20.7		1	23	13	5	276	100
60135 RABAT-SALE	3403N	00646W	75		1006.3	1015.5	21.1	-1.4	21.3		1	12	7	5	274	105
60150 MEKNES	3353N	00532W	549		951.2	1014.3	21.1	-1.8	16.1		1	7	-7	3	274	95
60155 CASABLANCA	3334N	00740W	62		1008.7	1015.4	22.3	.6	21.8		1	2	-2	4	290	75
60195 MIDELT	3241N	00444W	1515		851.6	1532 Y	20.9	.8	14.4		2	20	3	3	258	70
60220 ESSAOUIRA	3131N	00947W	8		1014.2	1015.0	20.1	.3	19.6		2	8	5	4	276	75
60230 MARRAKECH	3137N	00802W	466		961.7	1014.3	24.1	-1.2	16.9		0	T	-5	2	268	100
60265 OUARZAZATE	3056N	00654W	1140		888.7	1532 Y	26.1	1.5	9.6		1	4	-9	2	299	80
60318 TETUAN/SANIA RAMEL	3535N	00520W	10		1014.4	1015.6	23.1		18.9		4	36		5	261	110

# SURFACE

## SEPTEMBER 1999

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	
<b>ALGERIA</b>																
60351 JIJEL ACHOUAT	3653N	00549E	10		1012.7	1013.9	24.8	1.3	21.9	.8	8	27	20	5	265	139
60353 JIJEL PORT	3650N	00547E	2		1011.6	1013.5	26.3	2.8	22.0	.9	6	20	13	5		
60355 SKIKDA	3656N	00657E	7		1013.3	1013.5	25.7	2.8	23.7		7	30	0	3	283	75
60360 ANNABA	3650N	00749E	4		1013.5	1014.0	25.1	1.9	22.6		4	17	-13	2	286	80
60367 EL-KALA	3654N	00827E	10		1013.4	1014.4	26.1	2.9	23.2		5	29	-1	4		
60390 DAR-EL-BEIDA	3643N	00315E	25		1010.8	1014.1	24.4	1.2	21.0		3	19	-15	3	271	75
60395 TIZI-OUZOU	3642N	00403E	195		992.1	1013.6	25.4	2.2	18.9		5	33	-1	4	251	
60402 BEJAIA	3643N	00504E	2		1013.5	1013.8	24.5	1.3	22.5		7	48	8	4	266	70
60403 GUELMA	3628N	00728E	227		988.3	1014.1	25.5	2.3	18.0		4	45	5	4	278	
60410 TENES	3630N	00120E	59		1011.1	1013.1	24.5	1.3	16.9		5	26	-14	3	293	70
60417 BOUIRA	3623N	00354E	635		950.5	1013.0	23.6	.4	18.6		8	44	4	4	266	70
60419 CONSTANTINE	3617N	00637E	694		936.4	1011.6	22.8	1.4	16.9		2	59	23	5	278	65
60421 OUM EL BOUAGHI	3553N	00707E	889		915.4	1529 Y	23.0	1.6	15.6		5	73	37	5	278	
60423 SOUK AHRAS	3617N	00758E	680		937.8	1013.2	23.7	2.3	15.8		4	25	-11	3	276	
60425 CHLEF	3613N	00120E	143		997.1	1014.3	25.5	.0	17.2		5	39	28	5	284	
60430 MILIANA	3618N	00214E	715		934.0	1013.6	23.5	.6	15.1		7	21	-8	3	268	
60437 MEDEA	3616N	00245E	981		899.8	1525 Y	21.2		15.4		4	12			278	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928		912.5	1557 Y	22.6	- .3	14.2		7	95	66	5	283	
60445 SETIF	3611N	00525E	1081		900.2	1533 Y	21.9	-1.0	13.6		6	86	57	5	289	
60452 ARZEW	3549N	00016W	3		1013.2	1013.9	25.4	2.5	21.7		2	15	-14	2	275	75
60457 MOSTAGANEM VILLE	3553N	00007E	137		997.8	1014.0	23.4	.5	19.9		2	23	-6	3	263	
60461 ORAN PORT	3542N	00039W	22		1011.1	1013.7	23.7	.8	21.4		2	19	-10	3		
60467 M'SILA	3540N	00430E	441		962.6	1011.8	26.4	3.5	19.9		3	31	2	4	285	75
60476 KHENCHELLA	3525N	00709E	1116		906.2	1551 Y	24.3	3.1	14.1		8	26	-3	3	288	
60490 ORAN/ES SENIA	3538N	00036W	90		1003.4	1013.9	23.6	.3	19.0		2	13	1	3	287	75
60506 MASCARA METMORE	3536N	00018E	474		960.4	1013.9	22.8	-.5	15.3		4	39	27	5	283	
60511 TIARET	3515N	00126E	1127		905.8	1522 Y	21.5	-1.8	13.2		8	32	20	5	271	75
60514 KSAR CHELLALA	3510N	00219E	800		926.1	1540 Y	23.7	.4	14.7		7	36	24	5	274	70
60515 BOU-SAADA	3520N	00412E	461		963.3	1014.7	26.5	3.2	14.7		5	40	28	5	271	
60517 GHAZAOUET	3506N	00152W	83		1014.3	1014.8	23.9	.6	20.6		3	18	6	4		
60518 BENI-SAF	3518N	00121W	68		1004.8	1012.8	23.7	.4	22.2		2	27	15	5	273	75
60520 SIDI BEL ABBES	3511N	00237W	450		960.6	1014.0	23.0	-.3	17.2		1	32	20	5	289	
60522 MAGHNA	3449N	00147W	426		965.9	1014 Y	22.4	-.9	16.5		2	26	14	5	275	
60525 BISKRA	3448N	00544E	87		1001.6	1011.4	30.1	1.9	14.1		3	9	-14	4	308	75
60531 TLEMCEN (ZENATA)	3501N	00128W	247		986.4	1014.7	22.9	-5.3	18.3		2	14	-9	4	274	75
60535 DJELFA	3441N	00315E	1144		884.7	1537 Y	21.9	1.5	13.6		4	25	0	4	274	65
60536 SAIDA	3452N	00009E	750		929.6	1254 Y	22.5	2.1	15.6		5	36	11	4	271	
60540 EL KHEITER	3409N	00004E	1000		902.4	1518 Y	23.0	2.6	13.1		5	43	18	5	273	75
60545 LAGHOUAT	3346N	00256E	765		928.4	1530 Y	26.4	6.0	16.7		5	34	9	4	285	75
60549 MECHERIA	3456N	00026W	1149		887.2	1522 Y	23.8	3.4	13.9		3	30	5	4	261	70
60550 ELBAYADH	3340N	00100E	1341		868.2	1532 Y	23.0	2.6	10.0		6	24	-1	4	274	
60555 TOUGGOURT	3307N	00608E	85		1000.7	1010.8	30.3	9.9	17.8		0	0	-25	1	300	
60557 NAAMA	3316N	00018W	1166		885.4	1522 Y	23.7	3.3	11.7		4	39	14	5	268	
60559 EL OUED	3330N	00607E	63		1004.2	1011.9	30.6	2.4	17.7		0	1	-4	4	257	
60560 AIN SEFRA	3246N	00036W	1058		894.4	1502 Y	25.2	-3.0	11.1		1	3	-2	4	257	
60566 GHARDAIA	3223N	00349E	450		960.8	1012.6	30.6	2.6	12.5		1	2	-2	3	255	
60571 BECHAR	3137N	00214W	773		921.8	1536 Y	29.0	1.2	11.2		2	16	11	5	260	65

# SURFACE

## SEPTEMBER 1999

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
60580 OUARGLA	3155N	00524E	141		994.3	1010.6	32.4	4.6	16.3		0	T	-5	1	271	
60581 HASSI-MESSAOUD	3140N	00609E	142		995.0	1011.0	32.8	3.4	16.0		0	0	-1	4		
60590 EL GOLEA	3034N	00252E	397		966.6	1010.8	32.0	3.7	12.2		0	0	-1	3	248	65
60602 BENI ABBES	3008N	00210W	499		953.7	1008.4	32.5	2.4	10.1		3	7	6	5	258	45
60607 TIMIMOUN	2915N	00017E	312		975.5	1010.1	34.0	3.2	10.4		0	0	-1	4	258	
60611 IN AMENAS	2803N	00938E	562		949.6	1009.6	31.9	3.6	10.1		0	0	-1	4	232	60
60620 ADRAR	2753N	00017W	263		977.3	1008.3	34.8	3.2	16.1		0	T	-1	4	260	70
60630 IN SALAH	2712N	00228E	293		977.8	1006.8	35.5	2.4	9.9		1	1	0	5	325	
60640 ILLIZI	2630N	00825E	558		949.9	1008.7	33.8	.7	11.9		0	0	-1	4		
60656 TINDOUF	2740N	00808W	431		956.5	1006.9	29.7	-3.4	12.5		0	0	-1	4		
60670 DJANET	2433N	00928E	1054		905.9	1534 Y	29.8	1.1	10.1		0	0	-2	3	316	80
60680 TAMANRASSET	2247N	00531E	1378		866.4	1533 Y	28.0	1.5	9.4		4	20	12	5	247	100
60686 BORDJI B.MOKHTAR	2120N	00057E	398		963.5	1006.6	35.1	8.6	9.9		1	3	-5	3	190	
60690 IN-GUEZZAM	1934N	00546E	411		965.0	1008.5	35.9		12.0		0	0			260	
<b>TUNISIA</b>																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1013.1	1013.6	27.3	2.9	22.3		2	10	-22	2	280	109
60725 JENDOUBA	3629N	00848E	144		997.7	1014.0	26.5	2.3	17.8		6	25	-5	4	277	107
60735 KAIROUAN	3540N	01006E	68		1006.4	1014.2	27.7	2.3	23.1		7	42	3	4	276	102
60745 GAFSA	3425N	00849E	314		977.9	1013.1	27.9	2.6	18.6		3	8	-14	2	279	99
60765 GABES	3353N	01006E	5		1013.1	1013.7	28.0	2.4	25.5		3	13	-9	3	279	100
<b>NIGER</b>																
61024 AGADEZ	1658N	00759E	502		953.1	1007.7	31.8		17.6		1	7		3	252	85
61036 TILLABERY	1412N	00127E	210		986.1	1009.4	24.2		27.2		8	101		5	256	95
61043 TAHOUA	1454N	00515E	391		965.6	1008.7	28.8		25.7		6	49		3	262	100
61052 NIAMEY-AERO	1329N	00210E	227		984.9	1009.8	28.4		27.6		12	189		5	255	105
61075 BIRNI-N' KONNI	1348N	00515E	273		978.8	1009.2	27.9		28.3		11	93		3	250	95
61080 MARADI	1328N	00705E	373		966.5	1007.8	27.2		26.8		10	142		5	265	100
61085 DIFFA	1325N	01247E	305				29.5		27.2		7	67		1		
61090 ZINDER	1347N	00859E	453		958.8	1008.7	27.8		26.0		8	128		5	251	95
61096 MAINE-SOROA	1314N	01159E	337		973.0	1008.7	28.3		26.0		7	75		0	247	95
61099 GAYA	1153N	00327E	203				26.6		28.2		18	184			208	
<b>MALI</b>																
61214 KIDAL	1826N	00121E	459		958.5	1008.2	33.4	.9	18.2		3	8	-9	0	242	89
61223 TOMBOUCTOU	1643N	00300W	264		980.2	1009.5	29.9		26.1		5	6	-21	4	219	88
61226 GAO	1616N	00003W	260		980.5	1009.0	30.8	-1.3	23.9		5	63	35		223	88
61230 NIORO DU SAHEL	1514N	00921W	237		984.3	1008.2	29.9	1.1	27.7						255	103
61250 MENAKA	1552N	00213E	278				31.0		24.1		3	36	8		211	90
61265 MOPTI	1431N	00406W	272				27.4	-7	28.0		10	69	-11	2	215	86
61270 KITA	1304N	00928W	334		973.6	1011.0	25.4	-9	26.7		14	142	-46	1	220	100
61272 SEGOU	1324N	00609W	289		978.6	1010.9	26.4	-6	27.9		11	158	42	4	196	81
61291 BAMAKO/SENOU	1232N	00757W	381		969.5	1010.3	25.2	-1.4	26.6		14	204	40		210	95
61293 KOUTIALA	1223N	00528W	367		969.9	1010.9	25.5	-7	26.7		18	220	55	4	218	90
61297 SIKASSO	1121N	00541W	375				25.0	-1.1	25.2		15	144	-49	1	158	83
<b>SENEGAL</b>																
61600 SAINT-LOUIS	1603N	01627W	4		1010.9	1011.4	28.8		33.7	2.9	6	31	-61	1	204	89

# SURFACE

## SEPTEMBER 1999

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	
61627 LINGUERE	1523N	01507W	21		1009.1	1011.4	28.9		30.7	1.9	9	102	3	2		
61630 MATAM	1539N	01315W	17		1008.7	1010.6	29.4		30.0	2.0					214	85
61641 DAKAR/YOFF	1444N	01730W	24		1008.3	1011.4	27.7		30.5	.3	9	209	75	4	205	94
61679 KAOLACK	1408N	01604W	7		1011.7	1012.3	27.9		31.0		12	169	14	2	223	98
61687 TAMBACOUNDA	1346N	01341W	50		1005.5	1011.2	27.7		30.1	1.1	17	192	17	1	204	92
61695 ZIGUINCHOR	1233N	01616W	23		1010.1	1011.7	26.8		30.7	1.1	15	267	-51	2	201	103
<b>GAMBIA</b>																
61701 BANJUL/YUNDUM	1321N	01648W	36		1007.6	1011.3	27.4		29.1		20	176				
<b>OCEAN ISLANDS (UK)</b>																
61901 ST. HELENA IS.	1556S	00504W	436		968.6	1019.8	16.2		15.3		11	45			79	110
<b>MAURITIUS</b>																
61974 AGALEGA	1026S	05645E	3		1012.8	1013.1	25.7	.3	25.5	.1	11	87	30	5	209	
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1017.7	1018.0	23.6	.1	22.5	-.9	7	60	31	5		
61988 RODRIGUES	1941S	06325E	59		1014.3	1020.6	22.3	.3	18.1	-1.5	12	32	-9	2	232	97
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1014.8	1020.7	22.1	.8	19.9	.3	13	57	-4	4	207	105
<b>EGYPT</b>																
62306 MERSA MATRUH	3120N	02713E	29		1009.1	1012.6	25.4	1.1	23.3	1.7	0	0		3	316	102
62337 EL ARISH	3105N	03350E	38		1007.2	1010.6	26.1	1.7	23.1	.7						
62378 HELWAN	2952N	03120E	141		994.0	1010.2	27.4	1.6	20.0	2.0	0	0		4	318	113
62414 ASSWAN	2358N	03247E	194		986.5	1007.1	32.7	1.5	16.5	6.6	0	0		3	280	94
62417 SIWA	2912N	02529E	-13		1012.4	1010.7	29.9	2.8	19.0	3.6						
<b>SUDAN</b>																
62600 WADI HALFA	2149N	03129E	183		986.0	1006.4	33.7	1.9	11.6		0	0	-T	5	309	80
62640 ABU HAMED	1932N	03319E	312		970.1	1004.3	36.4	1.5	13.4		1	15	14	6	171	50
62641 PORT SUDAN	1935N	03713E	2		1001.5	1006.3	33.1	1.0	23.5		0	0	-T	5	271	70
62650 DONGOLA	1910N	03029E	226		979.4	1005.3	35.0	2.7	7.3		1	1	-6	5	278	75
62660 KARIMA	1833N	03151E	249				35.6	1.0	14.2		3	6	5	4	266	85
62680 ATBARA	1742N	03358E	345		966.6	1005.0	35.5	1.2	16.2		1	3	-3	3	252	65
62721 KHARTOUM	1536N	03233E	380		963.3	1006.0	31.9	-.6	21.4		2	26	1	4		
62730 KASSALA	1528N	03624E	500		951.3	1006.4	29.1	-1.3	23.1		4	43	3	3	283	75
62751 WAD MEDANI	1424N	03329E	408		962.9	1008.1	27.9	-1.2	26.7		8	67	22	4	245	65
62752 GEDAREF	1402N	03524E	599		940.7	1007.2	27.1	-.3	24.6		11	95	10	4	135	65
62760 EL FASHER	1337N	02520E	730		927.2	1006.7	28.1	-.4	21.4		4	33	-2	3	215	65
62762 SENNAR	1333N	03337E	418		960.0	1006.6	27.5	-1.1	26.3		7	99	15	3	221	60
62771 EL OBEID	1310N	03014E	574		943.8	1007.4	26.3	-2.0	25.3		8	143	82	4	212	55
62772 KOSTI	1310N	03240E	381		965.3	1007.8	28.4	.5	26.7		6	113	51	3	191	50
62781 EN NAHUD	1242N	02826E	564		943.6	1009.2	27.7	-.9	22.6		8	75	31	4	210	55
62795 ABU NA'AMA	1244N	03408E	445		956.0	1005.3	26.7	-.8	27.0		10	156	56	4	199	
62805 DAMAZINE	1147N	03423E	470		953.3	1004.5	26.4	-.3	26.2							
62840 MALAKAL	0933N	03139E	388		965.5	1009.1	26.0	-.9	27.1		11	179	55	5		
<b>DJIBOUTI</b>																
63125 DJIBOUTI	1133N	04309E	19		1004.1	1006.2	32.9	-.2	31.6		1	9	6		286	103

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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	
<b>ETHIOPIA</b>																
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		772.9	1011 Y	16.0		13.2		12	56		2		
<b>KENYA</b>																
63686 ELDORET	0032N	03517E	2133		789.7	1511 Y	16.7		12.7		7	33			236	
63723 GARISSA	0028S	03938E	147		996.7	1013.5	28.0	-0.4	19.8	-0.8	1	2			247	91
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		839.4	1511 Y	20.7								179	
63799 MALINDI	0314S	04006E	23		1013.2	1015.2	25.1				10	81			258	
<b>SEYCHELLES</b>																
63980 SEYCHELLES INT. AIRPORT	0440S	05531E	3		1011.2	1011.6	26.7	0.3	28.4	1.3	11	161	40	4	195	86
<b>DEMO. REPUBLIC OF THE CONGO</b>																
64210 KINSHASA/N'DJILI	0423S	01526E	312		976.0	1011.0	24.7		23.4			58				
<b>RWANDA</b>																
64387 KIGALI	0158S	03007E	1497		850.9	1503 Y	20.7		16.1			78	-8	0	192	50
<b>CONGO</b>																
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		974.9	1010.1	25.2		22.8		6	24		3	123	85
64458 OUESSO	0137N	01603E	352		970.4	1009.7	24.5		26.5		18	246		4		
64459 IMPFONDO	0137N	01804E	326				25.0		27.1		10	60				
<b>CENTRAL AFRICAN REPUBLIC</b>																
64600 BERBERATI	0415N	01548E	583		954.8	1010.3	22.9		24.2		17	176				
64601 BOUAR	0558N	01538E	1020		899.6	1506 Y	21.1		21.4		20	39		2		
64610 BOSSANGOA	0629N	01726E	465		958.2	1009.4	24.3		25.8		16	223				
64650 BANGUI	0424N	01831E	366		968.9	1010.1	24.4		26.0		17	264			152	
64655 BRIA	0632N	02159E	584		945.3	1009.2	23.7		25.5		17	255				
64656 BANGASSOU	0444N	02250E	500		954.6	1009.5	24.6		26.1		14	192				
64659 OBO	0524N	02630E	651		937.7	1008.5	23.6		24.7		13	187				
64660 BAMBARI	0551N	02039E	475		956.9	1009.3	23.9		25.6		19	298				
64665 MOBAYE	0419N	02111E	406				24.9		26.4		15	227				
<b>CHAD</b>																
64700 NDJAMENA	1208N	01502E	295		975.8	1009.3	26.8		28.4	2.2	10	87	3	2	194	85
<b>CAMEROON</b>																
64870 NGAOUNDERE	0721N	01334E	1104		890.7	1495 Y	20.5	-1.2	20.4	-0.1	24	238	2	3	136	98
<b>BENIN</b>																
65306 KANDI	1108N	00256E	292		977.4	1010.2	25.6	-0.6	27.5	0.2	17	332	142	6	173	81
65319 NATITINGOU	1019N	00123E	461		959.7	1011.1	24.3	-1.0	25.7	-0.1	21	385	131	6	152	94
65330 PARAKOU	0921N	00237E	393		967.4	1011.3	24.4	-0.6	25.7	0.1	16	210	5	3	128	100
65335 SAVE	0802N	00228E	200		988.2	1010.2	24.8	-0.8	26.6	0.3	7	102	-56	1	125	104
65338 BOHICON	0710N	00204E	167		992.9	1011.8	24.8	-1.2	27.4	0.9	10	147	7	3	102	83
65344 COTONOU	0621N	00223E	9		1010.4	1011.4	25.8	-0.2	28.7	0.6	3	83	-16	3	160	97
<b>TOGO</b>																

## SURFACE

SEPTEMBER 1999

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 <sub>C</sub>	O <sub>C</sub>	mb	mb		mm	mm		hr	
65351 DAPAON	1052N	00015E	330				24.9		26.8		18	283				
65352 MANGO	1022N	00028E	146		993.6	1011.3	25.7	-.7	29.4		16	307	72	5		
65355 NIAMTOUGOU	0946N	00106E	343		959.7	1011.4	23.8		26.1		20	375			124	
65357 KARA	0933N	00110E	341		972.7	1011.8	24.6		26.6		19	193				
65361 SOKODE	0859N	00109E	387		967.6	1011.6	23.9		26.0		19	220	-32	3		
65376 ATAKPAME	0735N	00107E	402		965.6	1011.9	23.6	-.8	25.5		16	221	27	4		
65380 TABLIGBO	0635N	00130E	44		1008.0	1012.5	25.3	-1.0	27.6		7	140	14	4		
65387 LOME	0610N	00115E	25		1009.1	1011.9	25.4	-.4	29.1		8	80	16	5	150	89
<b>BURKINA FASO</b>																
65501 DORI	1402N	00002W	277		978.8	1009.7	28.6		28.8		11	88		4	254	
65503 OUAGADOUGOU	1221N	00131W	306		976.7	1010.7	26.1		27.2		17	169		4	187	85
65507 FADA N'GOURMA	1202N	00022E	309		975.9	1010.5	25.3		27.7		15	186		4		
65510 BOBO-DIOULASSO	1110N	00419W	460		959.7	1010.9	24.8		25.9		19	245		1	183	85
65516 BOROMO	1145N	00256W	271		980.5	1010.9	26.0		27.1		10	130		2	174	
65518 PO	1109N	00109W	322		974.2	1010.3	24.9		26.7		20	194		4	172	
65522 GAOUA	1020N	00311W	335		958.1	1010.9	25.2		27.3		19	305		6	168	
<b>COTE D'IVOIRE</b>																
65536 KORHOGO	0925N	00537W	381		969.4	1012.1	24.6		26.5		17	306			113	
65578 ABIDJAN	0515N	00356W	8			1012.4	24.3	-1.3	27.3	-.4	4	44	-36	4	212	154
<b>MADAGASCAR</b>																
67019 ANALALAVA	1438S	04746E	57			1015.3	25.8	.5	19.4	-1.2	0	0	-12	0		
67073 MAINTIRANO	1803S	04402E	23			1016.0	25.3	.8	23.1	-.9	1	7	2	2		
67083 ANTANANARIVO/IVATO	1848S	04729E	1276		878.4	1554 Y	16.8	.5	14.1	.9	1	6	-4	4	252	101
<b>MALAWI</b>																
67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229		880.9	1528 Y	19.6		12.3		1	1		0	300	
<b>ZAMBIA</b>																
67475 KASAMA	1013S	03108E	1384		866.1	1493 Y	22.0	.2	11.4		0	0	-3	1		
67633 MONGU	1515S	02309E	1053		893.7	1489 Y	20.8	-3.8	10.3		0	0	-2	1		
67663 KABWE	1427S	02828E	1207		881.7	1518 Y	18.5	-3.6	9.9		0	0	-1	1		
67743 LIVINGSTONE	1749S	02549E	986		904.8	1529 Y	24.5	.6	9.2		2	6	5	1		
<b>SOUTH AFRICA</b>																
68174 PIETERSBURG	2350S	02925E	1237		884.7	1539 Y	16.6		9.3		2	4	-13	3	252	91
68242 MMABATHO	2547S	02532E	1251		873.6	1533 Y	17.7		6.4		0	0			309	
68262 PRETORIA	2544S	02811E	1306		874.9	1546 Y	17.6		8.5		2	10	-10	2	279	98
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		833.4	1534 Y	13.8		7.4		2	8	-19	2	266	95
68424 UPINGTON	2842S	02127E	850		926.0	1529 Y	17.6		5.7		0	T	-4	2	297	99
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		862.9	1527 Y	13.9		5.6		0	T	-23	1	286	103
68461 BETHLEHEM	2825S	02833E	1690		832.6	1527 Y	12.2		7.0		1	4		1	291	
68512 SPRINGBOK	2967S	01790E	1007		904.4	1519 Y	12.6		7.5		5	66		6	249	
68538 DE AAR	3065S	02400E	1287		872.4	1519 Y	14.0		5.4		1	5		4	277	
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1015.9	1017.6	19.0		15.8		5	74	1	4	223	129
68618 CALVINIA	3128S	01946E	975		904.5	1519 Y	11.9		7.5		5	35		5	255	
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1012.9	1018.0	13.2		11.6		7	98	57	6	230	103



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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	
68828 GEORGE AIRPORT	3401S	02223E	190		994.8	1017.6	13.1		10.7		5	54			203	
68842 PORT ELIZABETH	3398S	02562E	69		1009.7	1017.0	14.6		12.6		7	87		5	236	111
68858 EAST LONDON	3302S	02750E	125		1002.6	1017.5	16.4		12.5		4	43	-37	2	279	136
68906 GOUGH ISLAND	4021S	00953W	54		1011.0	1017.6	9.3		8.6		16	193	-77	1	136	135
68994 MARION ISLAND	4653S	03752E	21		1003.6	1006.3	5.0		6.5		24	166	-17	3	85	83
<b>N AMERICA</b>																
<b>USA (ALASKA)</b>																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1010.6	.9	1.7	6.1		4	10	-5	3		
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1007.2	7.2	1.6	9.2		8	56	16	4		
70200 NOME	6430N	16526W	7			1006.0	6.6	.8	8.7		13	92	31	4		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			1005.3	8.1	.8	9.6		13	85	34	5		
70231 MCGRATH	6258N	15537W	103			1006.5	7.7	.9	7.9		12	47	-3	3		
70261 FAIRBANKS/INT.	6449N	14752W	138			1007.7	7.5	.0	7.6		7	40	16	5		
70273 ANCHORAGE/INT.	6110N	15001W	40			1006.1	9.5	.4	9.5		11	84	16	4		
70308 ST. PAUL	5709N	17013W	9			1005.5	7.4	.4	9.7		11	64	-1	3		
70316 COLD BAY	5512N	16243W	31			1007.3	8.3	-.4	9.8		19	66	-46	1		
70326 KING SALMON	5841N	15639W	15			1004.1	8.9	.5	9.6		11	92	23	4		
70361 YAKUTAT	5931N	13940W	9			1011.6	8.7	-.3	10.6		24	665	192	5		
70398 ANNETTE ISLAND	5502N	13134W	34			1018.1	10.1	-2.2	11.8		18	327	92	5		
<b>USA</b>																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1011.9	28.5	.0	30.3		20	196	48	4		
72202 MIAMI, FL.	2549N	08017W	4			1011.8	27.7	.0	28.4		15	178	-15	3		
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1012.2	27.6	.0	28.1		15	129	-87	2		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1012.3	26.8	-.4	25.3		9	163	11	4		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1012.8	24.7	-.9	25.1		13	330	151	5		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1013.8	24.2	-.6	21.8		10	166	53	4		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1013.6	23.6	-1.1	21.8		10	202	82	5		
72211 TAMPA/INT., FL.	2758N	08232W	3			1012.3	27.1	-.1	28.6		11	154	3	3		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1013.2	25.5	-.2	21.4		4	148	7	4		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1014.1	22.8	-1.3	20.2		7	85	15	4		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1014.1	22.5	-1.1	17.6		9	138	62	5		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1014.9	22.7	.1	16.1		7	106	20	4		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1014.4	24.4	-1.1	22.9		11	112	-38	3		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1014.5	23.6	-1.1	19.2		2	35	-68	1		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1014.3	25.6	.0	22.7		11	73	-67	2		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1014.9	23.1		17.9		6	60	2	2		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1014.8	23.9	-.5	17.3		6	63	-27	2		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1015.0	25.4	.0	20.7		5	50	-94	1		
72242 GALVESTON, TX.	2918N	09448W	16			1014.3	26.9	.2	22.8		9	100	-50	3		
72243 HOUSTON/INTERCONTI- NENTAL,	2958N	09521W	33			1014.2	25.5	-.2	20.8		4	35	-89	1		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1014.8	24.0	-.8	18.2		6	125	46	5		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1012.8	26.8	-.9	25.4		8	101	-51	2		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1013.3	26.4	-.8	26.1		5	99	-41	3		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1013.1	26.8	.5	17.1		0	2	-84	0		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1013.7	26.0	-.4	21.4		7	96	-46	2		

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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	
72256 WACO/MADISON-COOPER, TX.	3137N	09713W	155			1013.9	26.4	.5	18.5		1	13	-76	1		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1014.2	26.1	.9	17.3		3	58	-28	3		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1013.4	25.1	1.0	15.2		3	19	-67	1		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1012.4	23.9	1.0	13.7		5	24	-42	2		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1013.6	24.5	.1	15.9		2	41	-40	2		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1013.4	19.7	-2.0	15.0		4	83	17	4		
72270 EL PASO/INT., TX.	3148N	10624W	1194			1010.7	24.1	.5	15.8		7	49	6	4		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1009.4	27.6	.7	14.1		5	25	-17	3		
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337			1008.1	30.8	1.0	16.4		5	33	12	4		
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9			1012.4	19.3	-2.6	17.3		00	9999	-006	2		
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1011.9	19.9	-1.2	16.6		0	0	-7	3		
72304 CAPE HATTERAS, NC.	3516N	07533W	3			1014.0	23.3	-.1	23.4		13	149	16	4		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1014.9	20.5	-1.2	19.5		13	554	473	6		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1014.4	22.1	-.1	20.7		13	334	235	5		
72310 COLUMBIA, SC.	3357N	08107W	69			1014.3	22.6	-.8	17.5		8	91	-2	3		
72312 GREENVILLE/SPATANBURG, SC	3454N	08213W	296			1014.6	22.2	.4	15.8		9	77	-23	3		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1015.0	20.6	-1.8	17.3		9	108	20	4		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1016.1	18.6	-.4	14.7		5	56	-42	2		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1015.2	19.8	-1.1	17.0		11	219	130	5		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210			1015.5	22.9	.5	14.1		4	16	-89	1		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1015.2	21.0	-.2	14.0		3	21	-57	1		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1015.7	22.2	.1	15.3		6	50	-37	2		
72344 FORT SMITH/MUN., AR.	3520N	09422W	141			1016.2	22.5	-.6	18.1		8	103	21	4		
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1013.7	24.4	.3	16.1		3	45	-52	2		
72365 ALBUQUERQUE/INT., NM.	3503N	10637W	1620			1012.9	20.1	-.2	10.3		4	14	-11	2		
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664			1009.8	27.5	.6	10.8		3	9	2	4		
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100			1010.2	25.2	1.6	12.2		0	0	-6	3		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1015.8	20.1	-1.0	19.5		12	422	338	6		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20			1015.9	21.0	-.8	18.9		13	261	177	5		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1015.5	19.9	-.4	18.8		12	292	206	6		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1016.0	19.6	.7	19.0		8	125	51	5		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1016.0	21.0	.9	19.4		11	332	246	6		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1015.8	19.0	-.8	17.2		12	188	100	5		
72412 BECKLEY (RALEIGH CTY. MUN), WV.	3747N	08107W	766			1016.4	16.7	-.4	14.3		6	114	30	4		
72414 CHARLESTON/KANAWHA., WV.	3822N	08136W	299			1016.2	18.7	-1.1	15.7		7	46	-36	2		
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267			1015.7	19.3	-.3	11.8		3	22	-51	1		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301			1016.4	20.4		13.2		6	35		2		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1015.7	22.1	1.3	14.0		3	14	-66	0		
72425 HUNTINGTON, WV	3822N	08233W	255			1015.9	18.9	-.9	14.8		3	24	-50	1		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1015.7	19.8	1.2	13.8		6	49	-26	2		
72429 DAYTON/. COX, OH	3952N	08407E	306			1016.3	19.3	.5	11.6		2	27	-37	2		
72432 EVANSVILLE/REG., IN.	3803N	08732W	118			1016.1	20.1	-.6	11.8		3	10	-65	0		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1015.8	20.9	-.3	13.3		5	28	-51	1		
72438 INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246			1015.9	19.5	.3	12.3		1	19	-53	1		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1016.5	18.1	-1.5	13.1		5	62	-22	3		
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274			1016.3	19.3	-.6	13.3		4	36	-62	2		
72476 GRAND JUNCTION/WALKER F., CO.	3907N	10832W	1475			1014.2	17.4	-2.0	7.9		4	26	6	4		
72483 SACRAMENTO/EXECUTIVECA.	3831N	12130W	8			1010.6	22.3	.4	12.9		0	0	-9	2		
72486 ELY/YELLAND, NV.	3917N	11451W	1909			1014.7	13.7	.2	6.0		3	14	-11	3		

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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 <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
72488 RENO/INTL., NV.	3930N	11947W	1341			1014.2	18.7	2.9	6.4		1	2	-7	3		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1012.5	17.4	-7	13.8		2	6	1	4		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1015.7	21.2	1.1	16.7		8	199	113	5		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1016.2	19.1	1.3	18.0		8	178	90	5		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1015.8	18.7	1.3	17.0		9	285	189	6		
72509 BOSTON/LOGAN INTL., MA	4222N	07102W	9			1015.8	19.4	1.2	17.5		9	250	173	6		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1015.7	17.8	.8	14.5		10	248	164	6		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1016.7	16.7	1.4	14.1		10	177	93	5		
72517 ALLENTOWN/A.-BETHLEHEM-, PA.	4039N	07526W	117			1016.3	18.4	.2	16.1		12	294	195	6		
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124			1015.5	18.0	1.6	15.1		10	136	40	5		
72520 PITTSBURGH/GREATER PITT., PA.	4030N	08013W	373			1016.8	17.7	.0	13.6		6	50	-25	2		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1016.2	17.4	-2	16.1		5	92	8	4		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1016.2	16.7	-1	13.6		7	109	21	4		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1015.3	17.9	1.3	15.1		9	100	12	4		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1015.5	17.7	1.2	16.1		10	87	12	4		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1015.6	17.5	-5	12.8		5	83	-14	3		
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202			1016.2	17.8	-1.1	13.0		4	39	-59	2		
72533 FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252			1016.2	17.9	-4	12.0		2	26	-41	1		
72535 SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236			1015.9	18.2	.5	11.4		4	32	-59	1		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1015.5	18.3	1.1	11.8		5	38	-34	2		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1015.6	18.5	1.2	13.2		4	79	6	4		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1016.0	17.4	-8	12.9		5	112	10	4		
72546 DES MOINES/MUN., IA.	4132N	09339W	294			1016.1	17.2	-1.2	13.0		7	59	-30	2		
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473			1015.9	16.3	-1.0	11.6		4	17	-45	1		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1016.5	16.2	-1.2	12.6		5	13	-60	0		
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849			1016.5	14.5	-1.8	12.0		10	31	-9	3		
72564 CHEYENNE, WY.	4109N	10449W	1872			1015.8	12.2		7.6		7	54		5		
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1016.4	12.5	-1.8	6.0		5	33	10	4		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1014.4	17.5	-9	7.7		3	11	-21	2		
72576 LANDER/HUNT, WY.	4249N	10844W	1694			1015.9	12.8	-1.8	6.2		8	51	24	5		
72578 POCATELLO/NUM., ID.	4255N	11236W	1365			1016.4	13.8	-1.2	5.1		0	9999	-021	0		
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			1014.9	15.7	.4	6.8		1	3	-7	2		
72594 EUREKA, CA.	4048N	12410W	18			1014.3	12.8	-1.3	12.6		1	1	-21	1		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1014.8	19.9		8.8		0	0		1		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1016.0	17.4		15.5		9	232		5		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1015.9	17.3	2.2	15.9		8	213	135	6		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1015.4	18.0	3.1	15.0		13	260	177	6		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1015.7	16.9	.8	12.6		7	82	-25	3		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1015.6	16.3	.1	13.4		8	65	-33	3		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1015.7	16.6	.3	12.3		6	54	-36	2		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1015.4	17.5	1.0	13.5		4	106	21	4		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1015.8	15.7	.3	12.6		4	39	-46	2		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1015.6	14.5	-6	12.5		2	19	-69	1		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1015.1	14.8	-2	12.5		5	32	-56	1		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1015.1	15.3	-8	11.7		4	21	-55	1		
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393			1015.0	14.9	-1.1	12.9		5	53	10	4		
72658 MINNEAPOLIS/ST. PAUL INTL, MN.	4453N	09313W	255			1014.4	16.2	.4	11.9		8	69	0	3		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1016.7	13.3	-2.3	8.3		5	26	-5	3		
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209			1017.1	12.5	-1.4	7.6		9	68	34	5		

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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	mm	hr		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1016.8	13.5	-1.6	7.1		7	68	34	5		
72681 BOISE/MUN., ID.	4334N	11613W	874			1015.3	17.8	.8	6.1		0	0	-20	1		
72688 PENDLETON, OR.	4541N	11851W	456			1016.2	17.1	-2	7.4		0	9999	-015	0		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1017.3	18.2	.8	10.6		2	3	-41	1		
72712 CARIBOU/MUN., ME.	4652N	06801W	190			1015.4	16.4	4.3	15.3		12	218	131	6		
72743 MARQUETTE, MI.	4632N	08733W	434			1014.5	16.7	4.5	12.0		6	79	-24	2		
72745 DULUTH/INT., MN.	4650N	09211W	432			1014.0	12.5	.2	11.6		13	147	50	5		
72747 INT.FALLS/FALLS INT.MN.	4834N	09323W	361			1012.9	11.0	-9	11.6		14	150	70	5		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1014.1	13.0	-1.3	11.1		8	165	115	6		
72764 BISMARCK/MUN.,ND.	4646N	10045W	506			1015.3	12.8	-1.1	10.8		7	33	-4	3		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1016.3	11.7	-1.8	8.8		7	40	7	4		
72768 GLASGOW/INTL, MT.	4813N	10637W	700			1016.7	12.3	-1.8	7.9		4	27	2	4		
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			1019.3	11.6	-1.4	6.9		4	13	-16	2		
72773 MISSOULA/JOHNSON-BELL F.,MT.	4655N	11405W	972			1018.8	12.3	-9	6.0		2	11	-17	2		
72781 YAKIMA/YAKIMA AIR TERM.,WA.	4634N	12032W	325			1017.1	15.2	-7	7.7		1	0	-10	1		
72785 SPOKANE/INT.,WA.	4738N	11732W	721			1016.9	15.2	.3	5.9		0	0	-18	1		
72792 OLYMPIA, WA.	4658N	12254W	61			1018.3	14.0	-4	10.3		1	3	-54	1		
72793 SEATTLE/S.-TACOMA, WA.	4727N	12218W	137			1018.2	15.3	-6	12.0		2	4	-43	1		
72797 QUILLAYUTE, WA.	4757N	12433W	62			1018.7	12.4		12.7		5	46		1		
<b>CANADA</b>																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74		1001.7	1010.9	7.4	1.1	7.8		5	19	-11	2	153	120
71066 HIGH LEVEL, ALTA	5837N	11710W	338		971.4	1012.6	9.3	1.1	8.0		5	32	-2	6	199	
71069 SLAVE LAKE, ALTA	5518N	11447W	581		945.7	1015.2	10.0	.8	8.8		4	30	-18	6		
71081 HALL BEACH,N.W.T.	6847N	08115W	8		1009.3	1010.3	.3	.8	5.5		7	54	28	5		
71090 CLYDE,N.W.T.	7029N	06831W	26		1006.8	1010.2	.5	.8	5.2		6	16	-18	1		
71094 CAPE DYER,N.W.T.	6635N	06137W	393		921.7	1010.4	-2.4	-1.3								
71095 POND INLET, N.W.T.	7242N	07758W	55		1002.6	1009.7	-2.8		4.4		10	49		6		
71101 SANDSPIT,B.C.	5315N	13149W	6		1017.4	1018.2	12.2	-8	11.8		9	58	-36	1		
71109 PORT HARDY,B.C.	5041N	12722W	22		1017.3	1019.9	11.6	-2	11.4		10	88	-43	2	175	115
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40		1011.1	1015.7	14.9	3.4	14.5		9	107	-8	6		
71600 SABLE ISLAND,N.S.	4356N	06001W	4		1017.7	1018.2	19.0	3.5	19.3		7	87	-17	3		
71601 SHEARWATER,N.S.	4438N	06330W	51		1010.8	1017.0	18.7	4.3	17.8		10	86	-5	3	222	120
71603 YARMOUTH, N.S.	4350N	06605W	43		1011.8	1017.0	17.0	3.4	17.4		9	117	30	6	204	
71624 TORONTO PEARSON INT'L AIRPO	4340N	07938W	173		994.5	1015.2	17.9	2.7	14.4		8	80	6	4	226	
71627 MONTREAL/DORVAL INT'L,QUE	4528N	07345W	36		1010.0	1014.3	17.8	3.3	15.5		11	196	110	5		
71727 BAGOTVILLE,QUE.	4820N	07100W	159		995.5	1014.7	15.4	4.4	13.5		10	115	16	4		
71731 NORTH BAY,ONT.	4621N	07926W	371		970.6	1014.7	15.1	3.0	13.3		10	191	83	6	169	110
71803 GANDER INT.AIRPORT, NFLD.	4857N	05434W	151		998.5	1016.8	14.2	3.1	13.3		10	81	-8	2	158	110
71811 SEPT-ILES, QUE.	5013N	06616W	55		1007.9	1014.7	13.0	3.8	11.9		11	105	-6	3	168	95
71815 STEPHENVILLE,NFLD.	4832N	05833W	26		1012.7	1015.9	15.2	3.2	14.8		12	156	45	5	161	120
71816 GOOSE,NFLD.	5319N	06025W	49		1008.0	1014.1	11.8	2.8	10.7		9	132	42	5	127	110
71828 SCHEFFERVILLE,QUE.	5448N	06648W	518		951.5	1014.4	8.5	3.1	9.0		14	124	30	6		
71831 KAPUSKASING,ONT.	4925N	08228W	227		985.7	1013.1	12.4	2.4	10.9		15	91	-3	3		
71852 WINNIPEG INT.AIRPORTMAN.	4954N	09714W	239		984.1	1013.0	11.0	-1.4	10.5		9	52	1	3		
71863 REGINA,SASK.	5026N	10440W	577		947.6	1016.7	9.7	-1.9	8.5		3	18	-16	2		
71867 THE PAS, MAN.	5358N	10106W	271		980.0	1012.9	10.2	.3	9.7		6	30	-28	2	183	110
71872 MEDICINE HAT,ALTA.	5001N	11043W	717		932.5	1016.5	12.4	-6	7.5		4	7	-29	6	248	
71874 LETHBRIDGE,ALTA.	4938N	11248W	929		909.4	1017.1	11.7	-8	6.8		9	22	-22	2		

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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	
71887 KAMLOOPS, B.C.	5042N	12027W	346		976.3	1017.5	15.0	.1	9.3		4	13	-14	6	241	
71892 VANCOUVER INT. AIR- PORT, B.	4911N	12310W	2		1017.7	1018.2	14.6	.3	12.7		4	15	-49	1	260	135
71896 PRINCE GEORGE, B.C.	5353N	12241W	691		936.5	1018.8	9.7	-1	8.7		9	51	-8	3	161	95
71906 KUUJUAQ, QUE.	5806N	06825W	37		1007.6	1012.2	7.2	1.9	8.0		11	62	6	4	106	110
71907 INUKJUAQ, QUE	5827N	07807W	6		1006.1	1009.0	7.9	2.8	9.5		13	82	18	4		
71909 IQALUIT, N.W.T.	6345N	06833W	34		1008.8	1013.1	3.0	.7	6.1		7	23	-28	1		
71910 CAPE DORSET, N.W.T.	6413N	07632W	50		1005.6	1011.6	2.6		6.1		4	26		6		
71924 RESOLUTE, N.W.T.	7443N	09459W	67		1001.5	1010.3	-3.2	1.8	4.7		8	29	7	4		
71926 BAKER LAKE, N.W.T.	6418N	09605W	18		1009.7	1012.1	3.8	1.4	6.7		14	50	10	4		
71932 FORT MCMURRAY, ALTA.	5639N	11113W	369		969.5	1014.4	9.7	.6	7.7		4	40	-11	6		
71935 HAY RIVER, N.W.T.	6050N	11547W	166		990.8	1011.2	9.7	1.5	8.6		9	30	-7	6		
71945 FORT NELSON, B.C.	5850N	12235W	382		967.5	1013.8	10.0	1.2	8.6		5	29	-14	2		
71950 SMITHERS, B.C.	5449N	12711W	523		955.9	1018.2	9.5	-.3	9.6		8	45	-8	6	158	
71953 WATSON LAKE, Y.T.	6007N	12849W	690		932.0	1014.0	8.2	.8	7.2		7	26	-19	6		
71957 INUVIK, N.W.T.	6818N	13329W	68		1001.6	1010.2	4.7	1.4	6.4		6	24	0	3		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		928.7	1012.5	7.9	.6	6.3		4	9	-26	1		
<b>ST. PIERRE AND MIQUELON</b>																
71805 SAINT-PIERRE	4646N	05610W	5		1014.7	1017.4	16.4	5.3	16.5		7	96	7	2		105
<b>MEXICO</b>																
76225 UNIV. DE CHIHUAHUA, CHIHUAHU	2838N	10605W	1435		858.7	1008.4	23.5		16.2		9	62		2	121	50
76256 EMPALME, SON	2755N	11054W	11		1006.8	1008.4	30.9		26.8		3	12		2	310	105
76342 MONCLOVA, COAH.	2653N	10125W	615		943.7	1011.3	27.4		19.9		3	22		2	271	120
76373 TEPEHUANES, DGO	2521N	10547W	1967		820.4	1010.3	22.2		13.7		10	55			236	105
76382 TORREON, COAH.	2532N	10327W	1124		888.1	1006.5	27.2		16.8		2	15		2	271	120
76390 SALTILLO, COAH	2527N	10059W	1790		822.4	1008.3	18.6		14.6		5	14		0	260	185
76393 MONTERREY, N.L.	2552N	10012W	512		954.5	1011.1	26.4		23.2		3	97		4	227	110
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1004.0	1010.0	26.6		25.6		3	22		2	249	90
76405 LA PAZ, B.C.S.	2416N	11025W	18		1006.6	1008.6	28.9		25.2		3	20		3	251	95
76423 DURANGO, DGO	2402N	10440W	1872		806.1	1008.2	20.9		14.3		4	20		1	244	90
76458 COLONIA JUAN CARRAS-CO MAZAT	2312N	10625W	4		1006.6	1007.6	28.8	.3	31.5	.4	14	282	65	3	228	106
76548 TAMPICO, TAMPS	2213N	09751W	9		1009.4	1012.4	27.4	-1	29.3	.7	13	402	199	5	191	104
76556 TEPIC, NAY	2131N	10454W	922		907.1	1006.4	24.0		25.2		14	208		3	202	110
76577 GUANAJUATO, GTO.	2101N	10115W	1999		803.7	1009.6	19.4	.5	15.0	.0	4	60	-67	3	201	102
76634 TULANCINGO HGO	2005N	09822W	2181		786.6	1009.9	15.9		15.5		13	177		5	172	210
76647 VALLADOLID, YUC.	2042N	08813W	22		1006.9	1009.9	27.4		29.5		16	129		2	225	105
76654 MANZANILLO, COL.	1903N	10420W	3		1009.0	1009.4	27.7		30.2		11	546		6	167	80
76665 MORELIA, MICH.	1942N	10111W	1913		809.7	1007.6	19.4	1.3	14.2	-.8	9	58	-61	1	211	139
76675 TOLUCA, MEX	1918N	09940W	2720		737.1	1007.3	13.3		11.4		10	79			183	110
76680 MEXICO (CENTRAL), D.F.	1924N	09912W	2308		774.5	1007.0	16.4	.1	12.7	-.3	16	132	-12	3	155	112
76685 PUEBLA, PUE.	1903N	09810W	2179		785.9	1006.1	16.4		13.3		12	112		2	187	100
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1005.7	1007.2	28.7		32.3		15	301			181	90
76741 COATZACOALCOS, VER.	1809N	09425W	23		1008.4	1010.4	26.8		29.2		24	1107		6	138	75
76743 VILLAHERMOSA, TAB	1759N	09255W	10		1009.5	1011.5	26.9		29.4		21	636			139	165
76750 CHETUMAL, Q.ROO	1829N	08818W	9		1000.7	1001.7	28.5		31.0		16	129		1	176	85
76805 ACAPULCO, GRO.	1650N	09956W	13		1010.1	1010.1	27.0	-1.0	30.4	-.6	19	399	58	4	147	76
76848 COMITAN, CHIS.	1615N	09208W	1530		836.4	997.6	18.7		18.0		22	363			124	100
76903 TAPACHULA, CHIS.	1455N	09216W	182		998.6	1011.5	25.5		27.7		25	506		4	100	65

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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		
<b>BAHAMAS</b>																	
78073 NASSAU AIRPORT	2503N	07728W	7		1011.2	1012.0	28.4	1.1	30.6	1.4	16	205	34	4	222	104	
<b>JAMAICA</b>																	
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1011.7	1011.6	26.7		30.4		13	164			211	15	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1010.5	1012.1	29.2		33.3		9	363		6	222	100	
<b>HAITI</b>																	
78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	14		1008.8	1010.5	28.5	1.1	28.4		11	148	4	4			
<b>PUERTO RICO AND US POSS</b>																	
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1012.4	28.4	.3	30.2		22	151	17	4			
<b>BELIZE</b>																	
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1009.7	1010.2	27.6	.0	29.1		18	300	22	1			
<b>COSTA RICA</b>																	
78760 PUNTARENAS	0958N	08450W	3		1010.2	1010.5	25.5	-.8	30.3		26	409	98	4	119	75	
78762 JUAN SANTAMARIA	1000N	08413W	939		910.2	1011.7	20.7	-.6	22.7		27	355	0	3			
78767 PUERTO LIMON	1000N	08303W	3		1010.7	1011.1	26.1	.4	29.4		14	165	2	4	154	101	
<b>ST. MAARTEN, ST. EUST., SABA</b>																	
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1012.7	1013.2	29.2	1.0	30.4	1.3	14	110	-21	3	255	110	
<b>ST. MARTIN, ST. BARTH., GUAD.</b>																	
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1011.1		28.4	1.0	29.8		12	104	-132	1	214	110	
<b>MARTINIQUE</b>																	
78925 LE LAMENTIN	1436N	06100W	7		1011.4	1012.3	27.8	.8	29.1	-.8	18	129	-107	1	213	96	
<b>BARBADOS</b>																	
78954 GRANTLEY ADAMS	1304N	05929W	56		1006.0	1012.4	27.9		31.7		13	177		4	238	65	
<b>TRINIDAD AND TOBAGO</b>																	
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1009.7	1011.7	27.6	1.1	30.7	2.0	17	165	-37	2	203	103	
<b>CURACAO AND BONAIRE</b>																	
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1010.6	1011.5	29.9	1.2	33.0	2.8	7	162	117	6	251	99	
<b>COLOMBIA</b>																	
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1010.7	1010.8	27.7	.0	31.3	.1	16	206	-28	3	184	95	
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				27.9		30.2		13	204		2	211	105	
<b>S AMERICA</b>																	
<b>COLOMBIA</b>																	
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1009.4	1009.8	27.5	-.5	29.8	.5	13	178	113	6	190	90	

# SURFACE

## SEPTEMBER 1999

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	%
80022	CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12	1010.2	1010.4	28.1	.2	29.7	-1.0	19	199	55	5	141	78
80028	BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30	1009.1	1010.8	26.3	-1.4	31.7	1.3	15	182	36	4	148	90
80084	APARTADO/LOS CEDROS	0748N	07642W	20			26.8		29.3		20	469		1	121	100
80091	BARRANCABERMEJA/YARIGUIES	0701N	07348W	134			26.5	-1.2	28.9	.5	22	408	122	5	133	72
80094	BUCARAMANGA/PALONEGRO	0706N	07312W	1189			20.4		21.5		13	144	51	6	93	60
80097	CUCUTA/CAMILO DAZA	0756N	07231W	317	975.3	1009.8	27.1	-1.2	24.8	.8	11	101	29	4	159	80
80099	ARAUCA/SANTIAGO PEREZ	0704N	07044W	128	990.0	1004.4	26.1	-.3	28.8	.4	14	223	46	4	151	85
80112	RIONEGRO/J. M. CORDOVA	0608N	07526W	2142	790.8		16.0		14.8		25	320		1	123	65
80139	PUERTO CARRENO/A. GUAUQUEA	0610N	06730W	55			27.3	.4	28.3	1.3	25	320	106	5	123	80
80144	QUIBDO/EL CARANO	0543N	07637W	53			25.8	-.4	28.2	-1.2	29	825	137	4	113	105
80210	PEREIRA/MATECANA	0449N	07544W	1342	866.1		20.3	-1.2	18.8	-.3	20	299	110	5	100	68
80214	IBAGUE/PERALES	0426N	07509W	928			22.8	-1.6	24.6	3.8	21	269	109	5	109	61
80222	BOGOTA/ELDORADO	0442N	07408W	2546	752.5		12.9	-.2	12.0	.1	14	154	81	5	80	65
80234	VILLAVICENCIO/VANGUARDIA	0410N	07337W	431	959.8	1008.9	25.5	.5	25.1	.5	18	396	33	4	146	99
80241	LAS GAVIOTAS	0433N	07055W	167	989.0	1008.3	25.5	.2	27.5	.2	16	398	107	5	110	76
80259	CALI/ALFONSO BONILLARAGON	0333N	07623W	969	905.2		22.3		20.5		13	115	46	5	117	70
80315	NEIVA/BENITO SALAS	0258N	07518W	443	958.4	1007.0	27.4	-1.5	23.2	2.0	8	224	165	6	123	75
80370	IPIALES/SAN LUIS	0049N	07738W	2961			10.6	.3	10.3	.0	13	99	48	5	106	91
80398	LETICIA/VASQUEZ COBO	0433S	06932W	84	1010.1	1010.5	25.9	-.1	30.1	1.8	15	170	-56	2	151	85
<b>VENEZUELA</b>																
80403	CORO	1125N	06941W	17	1010.7	1012.4	29.0	.2	28.9		3	62	30	5	242	93
80407	MARACAIBO-LA CHINITA	1034N	07144W	65	1002.5	1009.8	27.2	-1.0	29.6		14	291	187	5	197	103
80410	BARQUISIMETO	1004N	06919W	614	942.3	1009.8	24.2	.3	23.2		7	80	41	5	203	89
80413	MARACAY - B.A. SUCRE	1015N	06739W	437	961.1	1009.5	25.0	.4	25.6		13	215	80	5	229	100
80415	CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48	1005.4	1011.2	27.5	.1	28.5		8	63	9	4	208	91
80416	CARACAS/LA CARLOTA	1030N	06653W	835	921.5	1608 Y	21.6	-1.1	18.2		12	171	57		196	92
80419	BARCELONA	1007N	06441W	7	1008.3	1009.2	27.1	.3	28.5		11	83	-1	4	216	89
80420	CUMANA	1027N	06411W	4	1008.9	1009.5	27.7		26.1		7	29			222	95
80421	PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19	1009.1	1011.3	28.5		28.1						256	95
80423	GUIRIA	1035N	06219W	14	1006.8	1008.5	27.1	-.4	29.1		16	287	155	5	206	95
80425	MENE GRANDE	0949N	07056W	28	1006.8	1009.9	26.9	-.3	29.8		17	266	99	5	164	79
80426	VALERA	0921N	07037W	582	945.7	1010.1	24.2		25.7		16	244			133	75
80427	ACARIGUA	0933N	06914W	225	985.0	1010.2	25.4	.2	25.6		12	180	18		188	99
80428	GUANARE	0901N	06944W	163	990.9	1009.3	25.7	.2	27.2		14	118	-55		178	91
80431	SAN JUAN DE LOS MORROS	0955N	06720W	429	959.9	1007.3	25.1		26.4		14	178			213	100
80432	CARRIZAL	0925N	06655W	161	988.5	1006.4	26.2		27.1		8	58			223	100
80434	VALLE DE LA PASCUA	0913N	06601W	125	990.0	1004.8	26.4		26.2		11	133			201	
80435	MATURIN	0945N	06311W	66	1006.2	1013.8	26.4	-.3	25.0		11	116	-15	3	200	94
80437	EL VIGIA	0838N	07139W	103	1002.5	1009.8	26.9		26.1		10	105			146	
80438	MERIDA	0836N	07111W	1498	851.6	1514 Y	19.4	.0	17.4		18	182	-47	2	145	72
80440	BARINAS	0837N	07013W	204	989.4	1010.5	25.6		27.3		13	215			158	
80442	CALABOZO	0856N	06725W	101	999.7	1011.3	26.3		28.0		17	308			191	
80444	CIUDAD BOLIVAR	0809N	06333W	48	1004.3	1009.5	27.3	-.7	28.0		14	210	114	5	294	117
80447	SAN ANTONIO DEL TACHIRA	0751N	07227W	378	966.5	1008.3	26.7	-.3	23.7		9	49	-6	3	137	70
80450	SAN FERNANDO DE APURE	0754N	06725W	48	1004.4	1009.9	26.1	-.5	30.4		14	146	-27	2	201	99
80453	TUMEREMO	0718N	06127W	181	989.7	1010.0	27.8	1.9	29.1		5	133	42	4	252	114
80457	PUERTO AYACUCHO	0536N	06730W	74	1002.7						19	125	-73	1	158	94
80462	SANTA ELENA DE UAIREN	0436N	06107W	907	913.6	1501 Y	21.8	.6	19.7		18	254	141	5	223	95

## SURFACE

SEPTEMBER 1999

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			
80472 VALENCIA	1010N	06756W	431		961.9	1010.0	23.3		23.6		14	261			197	
80475 STO.DOMINGO (B.A.)	0735N	07204W	327		975.8	1012.6	23.8		20.8		20	323			129	70
80478 TEMBLADOR	0901N	06237W	30		1006.6	1010.3	26.5		29.4		10	15			171	75
80479 PALMICHAL	1018N	06814W	1000		900.2		20.6		21.2		15	135			146	
<b>GUYANA</b>																
81001 GEORGETOWN	0648N	05809W	2		1010.9	1011.3	28.2	.7	29.7	.1	7	44	-53	2	258	113
81002 TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1007.8	1011.3	26.9	.8	28.7	.0		171	39	1	245	
<b>FRENCH GUIANA</b>																
81401 SAINT-LAURENT-DU-MARONI	0530N	05402W	9		1010.9	1012.0	27.1		29.4		9	53	-62	1	216	91
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9		1010.6	1011.5	26.8		27.4		7	79	6	4		
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1010.4	1011.2	26.3		27.4		6	59	-5	4	211	86
81415 MARIPASOULA	0338N	05402W	106		999.6	1011.6	26.3		26.8		8	47	-38	1	222	89
<b>BRAZIL</b>																
82024 BOA VISTA	0249N	06039W	90				29.0		30.0		8	226		5		
82098 MACAPA	0002N	05103W	15		1008.6	1010.2	28.1	.6	30.7		6	38	-4			
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90		998.7	1007.8	28.2		27.3		15	176		4		
82191 BELEM	0127S	04828W	10		1009.7	1010.3	26.9	.8	30.7		13	130	-10	4		
82246 BELTERRA	0238S	05457W	176		992.5	1013.2			32.5		2	24	-17			
82280 SAO LUIZ	0232S	04418W	51		1004.8	1010.6	26.9	.5	28.0		0	T	-20			
82287 PARNAIBA	0305S	04147W	22		1005.5	1008.2	27.6	.2	25.1		0	T	-2			
82331 MANAUS	0308S	06001W	72		1003.7	1011.9	27.1	-.4	30.2		6	99	16	5		
82397 FORTALEZA	0346S	03836W	26		1009.0	1012.1	26.9	.3	25.5		8	50	28	5		
82425 COARI	0405S	06308W	46		1006.1	1011.6	27.2		30.2		7	98		3		
82445 ITAITUBA	0416S	05559W	45		1007.3	1012.5	28.3	.8			8	122	48			
82562 MARABA	0521S	04909W	95		1001.6	1012.1	28.2	1.3	27.3		3	29	-27			
82571 BARRA DO CORDA	0530S	04516W	153		991.7	1011.2	28.5	1.5	22.5		3	22	1	4		
82586 QUIXERAMOBIM	0512S	03918W	212		986.1	1007.6	27.3	-.1	18.1		2	2	-2	4		
82598 NATAL	0546S	03512W	45		1008.3	1013.5	25.3		28.4		7	51		4		
82678 FLORIANO	0646S	04301W	123		995.6	1011.1	30.4	.8	18.7		2	33	-6			
82704 CRUZEIRO DO SUL	0738S	07240W	170		996.8	1006.2	26.7		30.1		8	128		2		
82723 LABREA	0715S	06450W	60				26.0		29.0		6	157				
82765 CAROLINA	0720S	04728W	192		988.4	1012.1	28.5	.7	21.9		5	102	53	5		
82784 BARBALHA	0719S	03918W	409		965.4	1011.7	27.2	1.0	16.5		1	2	-3			
82791 PATOS	0701S	03716W	249		982.7	1011.1	27.7		17.5		0	0				
82825 PORTO VELHO	0846S	06305W	95		997.9	1005.9	24.5	-1.1	27.4		10	141	55	5		
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160		990.5	1008.2	27.9	1.5			6	67	-12	4		
82900 RECIFE (CURADO)	0803S	03455W	7		1013.9	1014.9	25.4	.8	25.4		13	73	-49	4		
82915 RIO BRANCO	0958S	06748W	136		991.6	1006.7	25.9	.7	28.3		7	186	90			
82983 PETROLINA	0923S	04029W	370		971.2	1012.7	25.9	-.3	18.0		1	11	5			
83064 PORTO NACIONAL	1031S	04843W	250		984.0	1010.4	29.2	1.2	20.1		5	61	10	4		
83096 ARACAJU	1055S	03703W	6		1012.7	1013.4	24.6	-.5	24.4		8	77	-18	4		
83186 JACOBINA	1111S	04028W	484		956.7	1012.1	23.1	-.1	11.8		2	19	-12	2		
83208 VILHENA	1244S	06008W	652		943.2	1010.6	26.3		25.9		8	153				
83229 SALVADOR	1301S	03831W	51		1010.4	1016.4	24.1	-.1	23.9		13	141	29	5		
83235 TAGUATINGA	1216S	04626W	660		943.9	1010.0	27.8	1.3	18.4		1	7	-22	2		
83236 BARREIRAS	1209S	04500W	440		960.8		28.8	2.9	17.2		3	85	65			



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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	hr		
83242 LENCOIS	1234S	04123W	438		965.4	967.9	22.6	-1	20.9		9	82	33	5		
83264 VERA (GLEBA CELESTE)	1212S	05630W	415		969.0	1010.2	26.4	2.2	29.0		8	123	-55			
83288 BOM JESUS DA LAPA	1316S	04325W	440		961.8	1012.7	26.6	-1	20.5		5	31	19			
83332 POSSE	1406S	04622W	950		920.7	1010.3	25.8	1.1	15.4		2	9	-21			
83344 VITORIA DA CONQUISTA	1457S	04053W	893		914.9	1015.3	18.5	-1.0	16.6		4	34	4	4		
83361 CUIABA	1533S	05607W	179		992.4	1013.3	28.0	1.4	26.2		4	18	-40	2		
83377 BRASILIA	1547S	04756W	1158		886.6	1011.7	22.5	.0	13.9		6	65	14			
83423 GOIANIA	1641S	04917W	729		926.4	1007.2	26.0	1.4	17.7		7	71	24	4		
83437 MONTES CLAROS	1643S	04352W	646		941.3	1012.7	23.9	1.2	14.3		2	6	-15	3		
83492 TEOFILLO OTONI	1751S	04130W	356		977.8	1016.4	23.0	1.2	19.2		5	25	-10	3		
83498 CARAVELAS	1744S	03915W	3		1016.8	1017.3	22.9	-2	18.9		8	31	-55	2		
83552 CORUMBA	1900S	05739W	130		993.2	1010.6	27.3	3.1	24.2		3	8	-39	1		
83579 ARAXA	1934S	04656W	1004		901.0	1013.5	22.3	1.8	21.5		10	223	157	6		
83587 BELO HORIZONTE	1950S	04356W	850		914.7	1015.4	21.6	.6	13.6		4	44	4	4		
83592 CARATINGA	1948S	04209W	609		947.1	1015.3	21.0	.6	15.9		2	4	-75	2		
83611 CAMPO GRANDE	2028S	05440W	560		952.0	1010.5	25.0	2.4	16.6		6	65	-16	3		
83618 TRES LAGOAS	2047S	05138W	313		975.8	1012.8	25.3	1.8	20.9		3	13	-52	1		
83648 VITORIA	2019S	04020W	36		1013.4	1017.5	23.0	.4	20.6		5	54	-24	2		
83676 CATANDUVA	2108S	04858W	536		950.9	1013.6	23.4	.6	16.3		6	41	-16	4		
83698 CAMPOS	2145S	04120W	11		1015.9	1016.3	22.7		20.8		4	40		3		
83766 LONDRINA	2323S	05111W	566		948.8	1017.0	20.9	.9	16.1		8	75	-24			
83781 SAO PAULO	2330S	04637W	792		926.7	1015.6	18.7	.9	14.6		8	80	0	4		
83836 IRATI	2528S	05038W	837		917.4	1014.7	15.8		12.8		8	118				
83842 CURITIBA	2526S	04916W	923		913.7	1017.1	15.5	.5	15.4		8	114	-1	4		
83881 IRAI	2711S	05314W	247		983.9	1004.1	19.3	1.9	15.6		10	99	-60	1		
83897 FLORIANOPOLIS	2735S	04834W	2		1015.7	1015.9	18.4	.9	17.5		10	89	-37	2		
83967 PORTO ALEGRE	3001S	05113W	47		1011.0	1016.6	17.1	.3	15.5		10	108	-31	3		
83980 BAGE	3120S	05406W	217		987.3	1015.8	15.3	.3	11.5		7	95	-54	3		
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1013.1	1017.6	13.7	.2	13.0		7	74	-31	2		
<b>PERU</b>																
84370 TUMBES	0333S	08024W	27		1009.2	1012.1	22.4		23.5		1	1		5		
84377 IQUITOS	0345S	07315W	126		1001.1	1015.1	25.1		27.9		12	278	89	5		
84390 TALARA	0434S	08115W	90		1003.9	1014.2	18.2		17.3		0	0		5		
84401 PIURA	0511S	08036W	55		1010.9	1017.8	20.6		18.9		1	2	2	6		
84425 YURIMAGUAS	0554S	07605W	184		993.7	1014.9	28.5		28.0		8	110	-29	2		
84444 CHACHAPOYAS	0613S	07750W	2540				14.9		11.6		11	71	23	4		
84452 CHICLAYO	0647S	07950W	34		1012.3	1015.4	18.2		16.1		1	2	1	5		
84455 TARAPOTO	0627S	07623W	282		980.7	1015.7	28.2		27.8		5	30	-48	1		
84472 CAJAMARCA	0708S	07828W	2622				15.4		10.5		4	62		5		
84474 JUANJUI	0713S	07643W	363		978.5	1017.4	27.9		27.0		4	85		3		
84501 TRUJILLO	0806S	07902W	30		1012.6	1016.8	16.2		16.0		0	0	0	5		
84515 PUCALLPA	0825S	07436W	149		996.1	1013.8	25.3		24.8		4	66		2		
84531 CHIMBOTE	0910S	07831W	21		1013.0	1014.2	17.5		16.0		0	0	0	4		
84534 TINGO MARIA	0908S	07557W	665		937.8	1009.2	25.5		23.5		12	135		3		
84542 ANTA (HUARAZ)	0921S	07736W	2760				17.1		11.3		1	9		2		
84564 HUANUCO	0954S	07545W	1860				21.5		17.4		3	12	-1	3		
84628 LIMA-CALLAO/AEROP. INTERNACI	1200S	07707W	13		1013.6	1015.2	16.8		16.0		0	T	-1	1	63	
84658 PUERTO MALDONADO	1238S	06912W	266		985.2		28.1		26.6		9	223	125	5		

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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	
84673 AYACUCHO	1308S	07413W	2749				18.9		9.8		9	57		5		
84686 CUZCO	1333S	07159W	3249		687.5		12.1		8.3		9	41		5		
84691 PISCO	1345S	07617W	7		1013.1	1013.8	16.9		15.9		0	0	-1	5		
84735 JULIACA	1529S	07009W	3826				10.5		6.1		11	35	13	5		
84752 AREQUIPA	1619S	07133W	2539				14.1		4.5		0	0	-1	5		
84782 TACNA	1804S	07018W	469		965.5	1019.4	14.5		13.0		0	0	-8	3		
<b>CHILE</b>																
85406 ARICA	1821S	07020W	55		1010.9	1017.8	16.5	.2	13.9	-.4	0	0	0	3	167	125
85418 IQUIQUE	2032S	07011W	48		1011.4	1017.1	15.7	-.2	12.0	-1.7	0	0	-1	4	198	105
85442 ANTOFAGASTA	2326S	07027W	140		1000.5	1017.4	14.7	.4	12.4	-.3	0	0	-1	3	242	110
85469 ISLA DE PASCUA	2710S	10926W	69		1016.3	1024.4	18.6		15.8		12	40		1	176	95
85470 COPIAPO	2718S	07025W	290		981.1	1015.4	13.6	.4	10.9	-.5	0	0	-1	4	238	95
85488 LA SERENA	2955S	07112W	146		1001.3	1018.3	12.4	.8	12.1	.6	4	13	8	5	175	100
85574 PUDAHUEL	3323S	07047W	474		962.8	1019.0	10.7		11.0		7	87		6	147	80
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		957.5	1018.6	11.4		11.2		7	100		5	127	75
85585 ISLA JUAN FERNANDEZ	3337S	07849W	30		1015.7	1019.4	12.5		11.7		15	167		5	118	
85629 CURICO	3458S	07113W	220		991.6	1018.5	11.4	1.3	11.2	1.0	10	203	147	6	144	85
85672 CHILLAN	3635S	07202W	148								14	198	104	5	173	85
85682 CONCEPCION	3646S	07304W	13		1017.5	1018.9	10.9	1.2	11.1	1.0	13	157	70	5	185	90
85743 TEMUCO	3846S	07238W	93		1006.8	1020.7	9.6	.8	10.4	1.0	16	135	41	5		
85766 VALDIVIA	3938S	07305W	19		1014.8	1017.1	9.3	.7	10.7	1.3	16	182	20	4	95	60
85782 OSORNO	4036S	07303W	58		1009.3	1017.2	9.2	1.0	10.3	1.1	16	100	-4	3		
85799 PUERTO MONTE	4126S	07306W	90		1005.8	1016.9	8.5	.7	9.8	.7	19	133	-12	3	97	80
85864 COYHAIQUE	4536S	07206W	311		975.2	1012.6	6.1	.2	7.1	.2	13	73	-16	2	153	
85874 BALMACEDA	4555S	07142W	522		949.0	1011.2	4.5	.4	6.5	.5	7	76	27	5	195	
85934 PUNTA ARENAS	5300S	07051W	43		1000.3	1005.8	3.6	-.4	6.5	.1	6	30	6	4	148	105
<b>PARAGUAY</b>																
86011 BASE 5 'GRAL A. JARA'	1932S	05922W	150		993.8	1010.6	28.7		17.6		1	3				
86033 BAHIA NEGRA	2013S	05810W	96		998.7	1008.6	26.7		21.4		3	29			249	
86065 PRATS-GIL	2242S	06130W	220		986.7	1011.6	24.9		16.1		1	6				
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	181		990.4	1007.9	26.4	2.8	17.7	3.3	1	3	-13	1	244	125
86086 PUERTO CASADO	2217S	05752W	87		1001.4	1011.3	26.8	3.5	19.9	2.2	5	23	-28	2		
86097 PEDRO JUAN CABALLERO	2235S	05539W	662		948.1	1011.5	23.8		15.4		4	98				
86134 CONCEPCION	2325S	05718W	74		1001.7	1010.7	25.3	3.5	17.6	.1	2	6	-61	1	234	135
86210 SALTOS DEL GUAIRA	2403S	05419W	0		985.1	1010.9	20.9		17.0		5	88			234	
86218 ASUNCION/AEROPUERTO	2516S	05738W	101		1002.0	1011.5	23.7	3.2	16.3	.5	3	35	-43	1	203	100
86233 VILLARRICA	2545S	05626W	161		991.7	1010.3	22.3	2.6	16.8	.6	4	40	-70	1	216	110
86248 CIUDAD DEL ESTE	2532S	05436W	196		991.0	1012.2	22.3	3.0	17.1	.6	5	85	-45	2		
86255 PILAR	2651S	05819W	56		1005.7	1012.0	20.8	1.4								
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126		996.7	1010.9	21.6	3.0	17.1	2.3	7	72	-40	2		
86297 ENCARNACION	2719S	05550W	91		1001.9	1012.3	20.8	2.7	17.6	2.1	7	190	41	4		
<b>ARGENTINA</b>																
87016 ORAN AERO	2309S	06419W	357		968.5	1010.0	22.5	2.7	15.6	1.6	4	69	59	1	143	
87022 TARTAGAL AERO	2239S	06349W	450		958.6	1008.9	23.6		14.1		2	6			224	
87046 JUJUY AERO	2423S	06505W	905		909.9	1487 Y	20.1		11.8		1	2		3	234	115
87047 SALTA AERO	2451S	06529W	1221		877.8	1496 Y	17.8	2.8	10.9	1.2	3	13	7	1	233	144

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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	QUINILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
87097 IGUAZU AERO	2544S	05428W	270		982.0	1013.0	21.4		16.8		4	53		1	163	
87121 TUCUMAN AERO	2651S	06506W	450		960.1	1011.2	19.9		13.7		3	26			217	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		986.8	1009.7	20.7	2.3	12.2	1.1	0	0	-13	1	191	
87155 RESISTENCIA AERO.	2727S	05903W	52		1006.6	1012.7	20.9		16.6		4	17		1	175	110
87162 FORMOSA AERO	2612S	05814W	60		1003.3	1010.3	21.8	2.3	17.0	.8	4	41	-44	1	206	111
87163 B.DE IRIGOYEN AERO	2615S	05309W	815		921.8	1508 Y	18.9		13.6		6	94			216	
87166 CORRIENTES AERO.	2727S	05846W	62		1005.3	1012.5	20.5	2.1	16.3	1.2	3	109	35	1	220	113
87217 LA RIOJA AERO.	2923S	06649W	429		961.2	1009.9	19.2	1.4	11.7	2.0	1	2	-4	1	233	102
87222 CATAMARCA AERO.	2836S	06546W	454		956.8	1007.9	21.1		11.5		2	8		2	216	
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		973.0	1018.1					1	1	-32	1		
87257 CERES AERO	2953S	06157W	88		1002.9	1013.2	17.9	1.7	14.9	2.4	0	0	-48	0	235	109
87270 RECONQUISTA AERO	2911S	05942W	53		1006.9	1013.2	19.1	2.3	14.5	-4	6	24	-43	1	220	108
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1006.4	1014.6	17.9	1.2	10.5	-4.0	10	92	-41	1	159	100
87344 CORDOBA AERO	3119S	06413W	474		959.7	1014.1	16.4	1.5	12.4	2.8	2	61	23	1	219	
87349 PILAR OBSERVATORIO	3140S	06353W	338		975.2	1014.5	16.1	1.8	11.4	2.0	4	29	-10	1	222	100
87374 PARANA AERO	3147S	06029W	78		1005.6	1014.8	16.8	2.0	12.5	.4	3	33	-36	1	204	99
87393 MONTE CASEROS AERO	3016S	05739W	54		1000.8	1014.7	18.0	1.6	14.7	.7	8	68	-35	1	206	109
87395 CONCORDIA AERO	3118S	05801W	38		1010.6	1015.1	17.2	1.6	12.1	-9	6	35	-65	1	155	
87418 MENDOZA AERO	3250S	06847W	704		933.1	1012.9	15.8	2.4	8.6	1.2	1	5	-2	1	244	108
87436 SAN LUIS AERO	3316S	06621W	713			1011.2	17.3	2.8	8.4	.7	3	8	-11	1	237	99
87448 VILLA REYNOLDS AERO	3344S	06523W	486		957.1	1013.3	14.6	1.7	10.2	1.7	4	20	-8	1	210	100
87453 RIO CUARTO AERO	3307S	06414W	420		964.8	1013.4	15.0	1.5	13.1	4.3	4	41	-1	1	209	
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1001.1	1014.6	14.6	.9	14.1	3.0	5	72	17	1	203	104
87480 ROSARIO AERO	3255S	06047W	25		1012.8	1015.8	16.0	2.1	13.0	1.3	4	47	-14	1	197	95
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1012.7	1015.1	15.9	1.6	12.3	.2	3	11	-63	1	183	115
87506 MALARGUE AERO	3530S	06935W	1425		856.9	1491 Y	9.6	1.5	5.8	.2	5	23	2	1	234	
87509 SAN RAFAEL AERO	3435S	06824W	748		928.4	1013.3	13.0	1.0	8.0	.8	3	49	22	1	177	88
87534 LABOULAYE	3408S	06322W	137		998.9	1015.2	14.2	1.0	11.4	1.9	4	43	5	1	203	95
87544 PEHUAJO AERO	3552S	06154W	87		1005.3	1015.7	14.1	1.9	11.3	.8	3	53	-5	1	200	98
87548 JUNIN AERO	3433S	06057W	81		1005.6	1015.2	13.8	1.1	10.4	-2	5	68	14	1	185	92
87576 EZEIZA AERO	3449S	05832W	20		1013.9	1016.3	14.2	1.3	11.1	.1	6	78	16	1	158	132
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1016.4	1017.1	15.3	1.2	11.9	-1	5	65	0	1	206	109
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1013.8	1016.8	15.6	1.2	11.6	.1	6	73	0	1	190	101
87596 PUNTA INDIO B.A.	3522S	05717W	22		1014.4	1017.0	13.3	.9	12.1	.4	7	87	23	1	184	101
87623 SANTA ROSA AERO	3634S	06416W	191		992.7	1015.4	12.8	.6	9.8	.8	6	51	10	1	168	90
87645 TANDIL AERO	3714S	05915W	175		995.3	1016.4	9.7		9.1		5	56		4	189	100
87679 PIGUE AERO	3736S	06223W	304		979.1	1015.3	12.0	1.8	9.2	.4	7	54	4	1		
87688 TRES ARROYOS	3820S	06015W	115		1000.6	1015.5	11.1		9.3		7	60		4	197	100
87692 MAR DEL PLATA AERO	3756S	05735W	21		1014.4	1016.9	10.8	.3	10.2	-1	6	68	12	1	136	75
87715 NEUQUEN AERO	3857S	06808W	271		982.5	1014.5	11.2	.0	8.3	2.2	4	24	8	1	166	86
87750 BAHIA BLANCA AERO	3844S	06210W	83		1005.2	1015.2	12.5	1.1	9.6	1.2	5	41	-4	1	202	116
87774 MAQUINCHAO	4115S	06844W	888		911.5	1458 Y	7.7	1.8	6.4	1.4	5	25	14	1		
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1011.1	1013.6	11.8	-2	8.7	1.2	7	19	7	1	159	
87791 VIEDMA AERO	4051S	06301W	7		1012.9	1013.9	11.1		8.6		7	40		4	176	85
87823 P.MADRYN AERO	4244S	06504W	136		995.4	1011.8	10.7		8.6		8	59			146	
87828 TRELEW AERO	4312S	06516W	43		1007.3	1012.5	10.9	.3	8.1	2.2	7	42	31	1	180	92
87852 PERITO MORENO AERO	4631S	07101W	429		958.6	1009.8	5.8		6.3						196	55
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46		1004.9	1010.5	10.0	.1	6.4	.4	6	31	19	1	161	107
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		956.5	1007.4	6.1		5.5		1	5			155	

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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 <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
87896 PUERTO DESEADO AERO	4744S	06555W	80		999.1	1008.9	7.0	- .4	6.3	- .3					104	91
87903 LAGO ARGENTINO AERO	5020S	07218W	220		977.8	1004.4	4.8	- .5	5.0	- .3	4	15	0	1	142	85
87909 SAN JULIAN AERO	4919S	06745W	62		1001.0	1008.4	6.8		6.9		6	27		4	146	
87925 RIO GALLEGOS AERO	5137S	06917W	19		1003.9	1006.3	4.7	- .9	5.8	- .2	3	31	20	1	149	
87938 USHUAIA AERO	5448S	06819W	14		994.8	1005.2	3.5	- .6	5.9	- .4	11	40	-1	1	130	
<b>ANTARCTICA</b>																
<b>ARGENTINA (ANTARCTIC)</b>																
88963 BASE ESPERANZA	6324S	05659W	13		987.8	990.7	-8.9	-1.9	2.5		8	37	-25	1	112	
88968 BASE ORCADAS	6045S	04443W	4		991.2	992.7	-7.8	-2.3	3.3		14	98	50	1	54	
89053 BASE JUBANY	6214S	05838W	4		990.4	991.8	-5.3		3.9		2	13			35	
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	198		965.0	990.7	-12.6		2.0		3	11			99	
89066 BASE SAN MARTIN	6808S	06708W	4		989.4	990.3	-11.6		2.3		7	18			55	
<b>UNITED KINGDOM (ANTARCTIC)</b>																
89022 HALLEY	7530S	02639W	30		981.9	986.8	-27.1		.7						174	
<b>UKRAINE (ANTARCTIC)</b>																
89063 VERNADSKY	6515S	06416W	11		989.1	990.5	-9.0		2.9		7	372		2	84	
<b>USSR (ANTARCTIC)</b>																
89050 BELLINGSHAUSEN	6212S	05856W	16		989.0	990.9	-5.5		3.7		9	35			45	
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		971.1	986.7	-15.6		1.0		3	8			136	
89592 MIRNYJ	6633S	09301E	30		978.7	984.3	-18.1		1.3							
<b>ARGENTINA (ANTARCTIC)</b>																
89034 BASE BELGRANO II	7752S	03437W	256		954.7	987.9	-17.9		1.1		2	17			101	
<b>CHILE (ANTARCTIC)</b>																
89056 CENTRO MET. ANTARTICO ' PDTE. ED	6211S	05859W	48		986.5	992.3	-5.6		3.5	- .3	2	6		0	41	
89057 BASE ARTURO PRAT	6230S	05941W	5		990.9	991.6	-5.6	-1.0	3.9	.2	14	39	-47	2	62	
<b>JAPAN (ANTARCTIC)</b>																
89532 SYOWA	6900S	03935E	21		986.9	989.6	-19.2	-1.3	1.0	- .1					125	
<b>AUSTRALIA (ANTARCTIC)</b>																
89564 MAWSON	6736S	06252E	16		986.2	988.3	-17.7		.8						216	
89571 DAVIS	6834S	07757E	13		982.9	985.9	-17.3		1.0						131	
<b>USSR (ANTARCTIC)</b>																
89606 VOSTOK	7827S	10652E	3490		620.1		-67.9		.0		0	2			182	
<b>AUSTRALIA (ANTARCTIC)</b>																
89611 CASEY	6617S	11031E	42		978.2	983.7	-15.2		1.5						69	
<b>FRANCE (ANTARCTIC)</b>																
89642 DUMONT D'URVILLE	6640S	14001E	43		981.7	987.4	-17.3		1.1							

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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	
<b>SW PACIFIC</b>																
<b>MALAYSIA (PENIN. MALAYSIA)</b>																
48601 PENANG/BAYAN LEPAS	0518N	10016E	4		1009.9	1010.2	26.9	.4	29.6	-.1	19	473	117	5	187	116
48615 KOTA BHARU	0610N	10217E	5		1009.1	1009.7	27.1	.4	29.9	.7	12	102	-100	1	232	115
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22		1007.5	1010.1	27.2	.8	28.9	.1	15	300	108	5	180	110
48657 KUANTAN	0337N	10313E	16		1008.1	1009.9	26.9	.7	29.7	.7	13	175	-58	2	209	123
48665 MALACCA	0216N	10215E	9		1008.9	1009.9	27.2	.8	29.7	.1	12	74	-136	0	215	126
<b>SINGAPORE</b>																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1007.6	1009.4	27.9	1.1	30.5	.9	7	126	-51	3	194	124
<b>USA (PACIFIC OCEAN NORTH)</b>																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1017.4	25.8	-.4	23.4		17	49	-11	3		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1016.5	26.7	-.5	22.2		2	5	-14	1		
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1017.3	23.3	-1.3	24.2		23	164	-52	2		
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1010.7	27.4	-.1	31.1		19	312	6	3		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1011.4	26.5	-.4	29.9		23	330	-77	2		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1010.8	27.4	-.4	29.8		18	223	-77	2		
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3			1011.1	27.4	.0	29.3		26	290	-25	3		
91408 KOROR, PALAU IS.	0720N	13429E	33			1010.9	27.7	.0	29.5		13	202	-99	2		
<b>VANUATU</b>																
91554 PEKOA AIRPORT (SANTO)	1531S	16713E	44		1007.3	1012.1	25.3		25.9		16	180		5		
91557 BAUERFIELD (EFATE)	1742S	16818E	21		1011.7	1014.3	23.1		23.6		15	267				
91568 ANEITYUM	2014S	16946E	7		1014.9	1015.7	22.8		22.2		16	461		6		
<b>NEW CALEDONIA</b>																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1013.5	1015.6	21.8	.8	20.3		5	72	33	4	194	82
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1008.8	1017.2	21.0	.5	20.0		11	128	89	5	144	65
<b>TUVALU (NEW ZEALAND)</b>																
91643 FUNAFUTI	0831S	17913E	2		1010.8	1011.0	27.9		29.4		13	93		1	259	135
<b>FIJI</b>																
91650 ROTUMA	1230S	17703E	26			1012.2	26.9		29.3							
91680 NANDI	1745S	17727E	25			1013.6	24.7	.3	24.6		12	116	39	4	165	77
91683 NAUSORI	1803S	17834E	7			1014.3	24.3		25.6		20	393		5		
91699 ONO-I-LAU	2040S	17843W	28			1016.5	23.2		21.4		4	21		1		
<b>SAMOA (USA)</b>																
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3			1012.7	27.5		29.6		17	352		5		
<b>COOK ISLANDS (NEW ZEALAND)</b>																
91843 RAROTONGA	2112S	15949W	7		1018.0	1018.8	22.3		19.0		9	73		2	180	200
<b>FRENCH POLY. (MARQUESAS)</b>																

# SURFACE

## SEPTEMBER 1999

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	
91925 ATUONA	0948S	13902W	52		1007.3	1013.2	24.9		21.7		4	14	-54	0		105
<b>FRENCH POLY. (SOCIETY IS)</b>																
91929 BORA-BORA	1626S	15145W	3		1014.1	1014.5	25.8		25.5		11	44	-24			
91938 TAHITI-FAAA	1733S	14937W	2		1014.5	1014.8	25.2		23.5		3	14	-32	2		100
<b>FRENCH POLY. (TUAMOTU IS)</b>																
91943 TAKAROA	1429S	14502W	3		1013.8	1014.1	26.5		25.7		13	165	82	5		70
91945 HEREHERETUE	1952S	14500W	3		1015.4	1015.9	23.8		22.6		19	102	19	4		
91948 RIKITEA	2308S	13458W	89		1007.3	1017.5	21.6		22.6		19	253	123	5	84	49
<b>FRENCH POLY. (AUSTRAL IS)</b>																
91954 TUBUAI	2321S	14929W	3		1018.2	1018.5	20.7		18.3		12	44	-54	2	179	95
91958 RAPA	2737S	14420W	2		1019.2	1019.5	17.7		15.4		17	174	76	3		80
<b>PAPUA NEW GUINEA</b>																
92001 KIUNGA W.O.	0605S	14111E	35		1006.5	1010.5			27.2		15	194				142
92003 DARU W.O.	0905S	14312E	9		1011.9	1012.9			25.3		3	11				187
92014 MADANG W.O.	0513S	14548E	5		1009.9	1010.5			30.0		8	58		1	266	130
92035 PORT MORESBY W.O.	0923S	14713E	58		1004.6	1010.4			25.3		3	19		3	217	
92044 MOMOTE W.O.	0204S	14726E	5		1009.7	1010.3			32.4		15	139		1	248	
92047 NADZAB W.O.	0634S	14643E	70		1002.5	1010.4			27.4		8	23		0	222	140
92072 HOSKINS W.O.	0528S	15024E	8						2.2		8	113				
92076 KAVIENG W.O.	0234S	15049E	4		1009.9	1010.4			30.4		12	94			267	
92077 GURNEY W.O.	1019S	15020E	23		1010.5	1013.2			26.6		13	113			163	
92087 MISIMA W.O.	1041S	15250E	7		1011.4	1012.2			28.9		10	65			186	
<b>NEW ZEALAND</b>																
93012 KAITAIA	3506S	17316E	54				13.6		12.9		9	141	26	4	191	125
93292 GISBORNE AERODROME AWS	3839S	17759E	5			1021.8	12.1	.4	10.8		7	62	-31	4		
93309 NEW PLYMOUTH AWS	3901S	17411E	32			1022.5	11.2		11.9		14	133		3		
93417 PARAPARAUMU AERODROME	4054S	17459E	12			1021.5	11.7	.9	11.5		15	61	-24	2	165	105
93615 HOKITIKA AERODROME AWS	4243S	17059E	40			1021.0	10.8		10.3		16	170		3		
93678 KAIKOURA	4225S	17342E	101			1019.1	10.8		8.7		2	8		0		
93780 CHRISTCHURCH	4329S	17233E	30			1019.0	9.2		9.6		6	26		2	181	110
93844 INVERCARGILL AERODROME	4625S	16819E	4			1017.7	8.8	.5	9.2		9	100	19	4	138	105
93987 CHATHAM ISLANDS AWS	4357S	17634W	49			1018.1	10.4		11.3		11	89		3		
93994 RAOUL ISLAND KERMADEC IS.	2915S	17755W	49			1023.2	16.7		15.3		12	100		3		
<b>AUSTRALIA</b>																
94120 DARWIN AIRPORT	1225S	13053E	31		1008.9	1012.4	27.2		22.9		1	8	-10	1	313	106
94150 GOVE AIRPORT	1217S	13649E	54		1006.9	1013.0	24.8		23.1		0	0		4	314	105
94203 BROOME AIRPORT	1757S	12214E	7		1011.5	1012.5	24.8		19.1		0	1	0	1	297	
94212 HALLS CREEK AMO	1814S	12740E	424		964.6	1012.1	27.5		7.4		0	0	-6	1		
94238 TENNANT CREEK MET OFFICE	1938S	13411E	375		971.7	1014.4	26.2		6.7		0	0	-10	1	318	104
94287 CAINES AERO	1653S	14545E	3		1015.7	1016.6	22.5		19.2		8	75	42	1	254	102
94294 TOWNSVILLE AERO	1915S	14645E	9		1016.6	1017.7	22.5		17.8		0	0	-10	1	303	106
94299 WILLIS ISLAND	1618S	14959E	6		1014.1	1015.1	24.5		21.8		2	5	-8	1		
94312 PORT HEDLAND PARDOO	2022S	11838E	9		1012.4	1013.4	23.7		14.1		0	0	-1	1		

# SURFACE

# SEPTEMBER 1999

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
94326 ALICE SPRINGS AERO	2348S	13353E	546		954.0	1016.5	21.6		6.2		0	0	-10	1	302	101
94332 MT ISA AERO	2041S	13929E	340		976.1	1015.0	23.2		7.0		0	0	-8	1	316	103
94346 LONGREACH AIRPORT	2326S	14417E	192		994.7	1017.1	21.9		7.7		1	3	-5	1		
94367 MACKAY MO	2107S	14913E	30		1014.1	1017.9	20.9		18.9		4	32	17	1	275	95
94374 ROCKHAMPTON AERO	2323S	15029E	14		1017.6	1019.3	20.4		15.2		3	6	-20	1		
94403 GERALDTON AIRPORT	2848S	11442E	33		1013.6	1017.8	14.8		12.4		8	69	38	1		
94430 MEEKATHARRA AIRPORT	2637S	11833E	517		956.9	1016.3	18.8		7.9		1	3	-3	1		
94461 GILES	2502S	12817E	598		948.1	1016.0	22.0		5.7		1	3	-8	1	315	104
94610 PERTH AIRPORT	3156S	11559E	31		1014.6	1017.1	14.1		11.1		10	92	21	1	239	
94647 EUCLA	3141S	12853E	102		1005.2	1017.3	15.4		10.6		8	38		4		
94653 CEDUNA AIRPORT	3208S	13342E	16		1015.8	1017.7	16.1		10.6		8	37	9	1	253	105
94693 MILDURA AIRPORT	3414S	14205E	52		1012.0	1018.3	15.3		9.3		3	13	-14	1	250	95
94711 COBAR	3129S	14550E	264								4	13	-10	1	246	91
94767 SYDNEY AIRPORT	3356S	15110E	5		1019.9	1020.5	16.4		12.8		5	22	-37	1	221	94
94776 WILLIAMTOWN AERODROME	3248S	15150E	8		1019.8	1020.9	15.5		13.2		8	59	1	1	213	95
94791 COFFS HARBOUR MO	3019S	15307E	5		1020.3	1021.1	16.5		14.5		11	46	-15	1	253	103
94802 ALBANY AIRPORT	3456S	11748E	69		1008.5	1016.9	12.4		11.1		13	102	21	1	200	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1009.5	1017.9	12.0		10.8		9	53	-18	1	173	105
94907 EAST SALE AIRPORT	3806S	14708E	8		1018.0	1019.0	12.2		10.1		2	21	-31	0	195	102
94910 WAGGA AIRPORT	3510S	14727E	213		994.2	1019.8	13.1		11.0		6	61	12	1	219	100
94926 GANBERRA AMO	3518S	14912E	580		952.9	1021.4	10.6		9.0		6	70	15	1	225	101
94968 LAUNCESTON AIRPORT	4132S	14712E	178		996.1	1017.6	10.0		9.6		7	34	-25	1	184	97
94975 HOBART AIRPORT	4250S	14729E	27		1013.0	1016.3	12.0		9.0		4	15	-24	1	190	107
<b>AUSTRALIA (ADDITIONAL IS. )</b>																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1021.1	1021.9	17.6		14.1		9	106	-17	1		
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1009.1	1022.2	16.6		13.5		9	44	-58	1	205	98
94998 MACQUARIE ISLAND	5429S	15856E	6		1004.4	1005.4	4.7		7.1		17	60	-11	1		
<b>BRUNEI DARUSSALAM</b>																
96315 BRUNEI AIRPORT	0456N	11456E	15		1007.6	1009.5	27.7		29.9	-0.1	14	308	23	3	236	119
<b>MALAYSIA (SABAH &amp; SARAWAK)</b>																
96413 KUCHING	0129N	11020E	27		1008.4	1010.0	26.4		28.5		15	133		1	158	107
96421 SIBU	0220N	11150E	8		1006.5	1010.1	26.5		28.7		12	204		2	128	80
96441 BINTULU	0312N	11302E	5		1009.5	1010.0	27.1	.5	29.5		18	322	27	4	175	100
96449 MIRI	0420N	11359E	18		1007.6	1009.6	27.3	.5	30.3		13	257	19	4	209	110
96465 LABUAN	0518N	11515E	30			1009.8	27.9		30.3	.0	12	343		3	225	115
96471 KOTA KINABALU	0556N	11603E	3		1009.4	1009.7	27.4		29.7		12	283		3	198	110
96481 TAWAU	0416N	11753E	20		1007.9	1010.1	26.8		28.3		9	141	-37	2	223	110
96491 SANDAKAN	0554N	11804E	13		1008.4	1009.6	27.4	.4	30.0		9	153		1		
<b>INDONESIA (KALIMANTAN)</b>																
96685 BANJARMASIN/SYAMSUDDIN NOOR	0326S	11445E	20		1007.3	1010.0	26.8		26.4		11	100		1	158	
<b>AUSTRALIA (OCEAN ISLANDS)</b>																
96996 COCOS ISLAND AERO	1211S	09649E	3		1012.6	1013.0	27.3		27.6		5	23	-61	1		
<b>PHILIPPINES</b>																

# SURFACE

## SEPTEMBER 1999

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	
98223 LAOAG	1811N	12032E	5		1005.1	1007.1	27.7		31.7		18	647		5	152	
98232 APARRI	1822N	12138E	3		1006.5	1006.8	27.4	-.6	30.6	-1.0	20	641	405	6		
98233 TUGUEGARAO	1737N	12144E	62		1006.7	1007.8	26.8		26.1		14	309		4		
98328 BAGUIO	1625N	12036E	1501		850.0	1007.5	18.0		19.4		26	1695			135	110
98429 NINYO AQUINO INTER- NATIONAL	1431N	12100E	15		1006.5	1008.9	27.2	-.4	28.5	-1.2	21					
98444 LEGASPI	1308N	12344E	17		1006.7	1007.6	28.1	.4	31.7	1.0	10	113	-158	1		
98550 TACLOBAN	1115N	12500E	3		1008.3	1008.5	28.2	.3	33.6	3.5	11	290	129	5	206	315
98637 ILOILO	1042N	12234E	8		1008.0	1009.5	27.0	-.6			15	276	10	3		
98644 TAGBILARAN	0936N	12351E	8		1007.7	1008.6	28.0		31.7		11	81		2		
98646 MACTAN	1018N	12358E	24			1010.6	28.4	.1	29.8	-.7	13	162	-5			
98653 SURIGAO	0948N	12530E	55		1007.1	1011.6	28.3	.2	31.7	1.3	12	98	-24	1		
98836 ZAMBOANGA	0654N	12204E	6		1009.2	1010.0	28.5	.9	28.9	-.7	11	121	-12	3	211	



# 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	° C	mb	mb		mm	mm		hr	
JULY 1999																
<b>EUROPE</b>																
<b>UKRAINE</b>																
33393 L'VIV	4949N	02357E	323		978.1	1015.2	20.2	2.9	16.4	1.7	8	52	-50	1	263	104
33946 SIMFEROPOL'	4441N	03408E	181		989.6	1010.2	24.1	2.7	18.2	2.5	4	42	-13	3	372	109
<b>AFRICA</b>																
<b>ALGERIA</b>																
60514 KSAR CHELLALA	3510N	00219E	800		926.1	1551 Y	29.1	4.3	11.0		0	2	1	5	375	85
<b>N AMERICA</b>																
<b>HAITI</b>																
78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	14		1012.8	1014.5	29.1	1.5	29.0		8	109	4	4		
AUGUST 1999																
<b>EUROPE</b>																
<b>UKRAINE</b>																
33345 KYIV	5024N	03034E	167		993.7	1013.2	19.3	.7	15.4	.5	8	132	63	5		
33393 L'VIV	4949N	02357E	323		977.0	1014.6	16.5	-3	14.9	.4	13	82	6	4	198	89
<b>UKRAINE</b>																
33946 SIMFEROPOL'	4441N	03408E	181		991.9	1012.6	21.6	.6	16.9	1.8	5	145	104	6	315	100
<b>ASIA</b>																
<b>THAILAND</b>																
48455 BANGKOK	1344N	10034E	20		1007.0	1007.6	28.9	.8	29.9	.0	16	159	-38	3	137	86
<b>AFRICA</b>																
<b>ALGERIA</b>																
60351 JIJEL ACHOUAT	3653N	00549E	10		1011.6	1012.8	27.8	2.5	25.3	3.0	2	6	5	5	284	112
60353 JIJEL PORT	3650N	00547E	2		1011.0	1012.9	28.2	2.9	25.3	3.0	2	5	4	5		

# 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	
60355 SKIKDA	3656N	00657E	7		1012.3	1012.5	27.8	3.2	27.2		3	8	-1	4	282	80
60360 ANNABA	3650N	00749E	4		1012.7	1013.2	27.5	2.5	25.5		2	4	-4	3	296	70
60367 EL-KALA	3654N	00827E	10		1012.7	1014.0	28.6	3.6	27.4		1	14	6	4		
60390 DAR-EL-BEIDA	3643N	00315E	25		1009.4	1012.8	27.6	2.4	23.7		1	0004	-003	4	287	70
60395 TIZI-OUZOU	3642N	00403E	195		990.2	1012.1	29.4	4.2	21.4		1	2	-5	3	194	
60402 BEJAIA	3643N	00504E	2		1012.3	1012.7	28.5	3.7	26.0		2	3	-10	3	280	70
60403 GUELMA	3628N	00728E	227		987.6	1013.0	30.2	5.4	19.3		0	1	-12	2	283	
60410 TENES	3630N	00120E	59		1011.1	1013.1	27.2	2.4	24.0		1	5	-8	3	293	70
60417 BOUIRA	3623N	00354E	635		949.9	1010.7	29.4	4.6	18.9		3	8	-5	4	257	65
60419 CONSTANTINE	3617N	00637E	694		936.4	1011.6	28.9	3.7	16.3		1	8	-4	3	278	75
60421 OUM EL BOUAGHI	3553N	00707E	889		915.9	1546 Y	28.8	3.6	17.3		5	67	55	6	275	
60423 SOUK AHRAS	3617N	00758E	680		937.9	1011.9	28.7	3.5	16.8		4	25	13	5	293	
60425 CHLEF	3613N	00120E	143		995.8	1012.8	30.6	1.6	17.5		0	T	-6	2	266	
60430 MILIANA	3618N	00214E	715		933.6	1011.8	28.6	2.0	16.4		2	17	10	5	289	
60437 MEDEA	3616N	00245E	981		900.2	1539 Y	27.4	.8	16.6		3	15	8	5	293	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928		912.5	1557 Y	30.2	3.6	15.3		4	10	3	5	283	
60445 SETIF	3611N	00525E	1081		900.6	1549 Y	28.6	2.0	12.1		2	5	-2	3	297	
60452 ARZEW	3549N	00016W	3		1012.1	1012.6	27.2	.6	26.5		1	2	-5	2	293	70
60457 MOSTAGANEM VILLE	3553N	00007E	137		996.6	1012.6	26.2	-.4	23.1		2	13	6	5	279	
60461 ORAN PORT	3542N	00039W	22		1010.0	1012.5	26.1	-.5	25.5		0	0	-7	1		
60467 M'SILLA	3540N	00430E	441		961.3	1009.0	33.8	7.2	21.1		4	12	5	5	270	65
60476 KHENCHELLA	3525N	00709E	1116		906.2	1551 Y	29.0	4.1	12.8		6	28	3	4	288	
60490 ORAN/ES SENIA	3538N	00036W	90		1002.1	1012.5	26.7	1.2	23.2		0	T	-1	2	292	70
60506 MASCARA METMORE	3536N	00018E	474		959.6	1012.1	27.3	1.8	16.7		1	0	-1	2	291	
60511 TIARET	3515N	00126E	1127		905.8	1534 Y	27.7	2.2	13.0		1	14	13	6	253	60
60514 KSAR CHELLALA	3510N	00219E	800		920.0	1499 Y	32.0	6.5	13.2		2	3	2	4	252	
60515 BOU-SAADA	3520N	00412E	461		962.3	1012.3	34.1	8.6	14.8		1	16	15	6	230	
60517 GHAZAOUET	3506N	00152W	83		1012.9	1013.4	27.0	1.5	23.8		1	1	0	4		
60518 BENI-SAF	3518N	00121W	68		1003.7	1011.6	28.0	2.5	27.5		0	0	-1	2	287	70
60520 SIDI BEL ABBES	3511N	00237W	450		960.1	1012.6	27.4	1.9	18.3		1	1	0	4	299	
60522 MAGHNA	3449N	00147W	426		965.0	1012 Y	26.9	1.4	17.2		0	0	-1	2	302	
60525 BISKRA	3448N	00544E	87		1001.6	1011.4	36.2	3.4	14.1		1	4	-2	4	308	75
60531 TLEMCEN (ZENATA)	3501N	00128W	247		985.3	1013.1	26.6	-6.2	21.0		0	0	-6	2	301	75
60535 DJELFA	3441N	00315E	1144		884.7	1537 Y	28.4	3.5	11.8		3	17	-1	4	274	65
60536 SAIDA	3452N	00009E	750		929.2	1534 Y	27.6	2.7	16.8		1	2	-16	1	260	
60540 EL KHEITER	3409N	00004E	1000		902.4	1528 Y	29.2	4.3	11.9		4	28	10	5	248	
60545 LAGHOAT	3346N	00256E	765		928.0	1542 Y	32.6	7.7	14.7		1	3	-15	2	283	
60549 MECHERIA	3456N	00026W	1149		887.4	1530 Y	29.9	5.0	13.8		3	11	-7	3	201	
60550 ELBAYADH	3340N	00100E	1341		869.1	1544 Y	29.5	4.6	7.6		3	7	-11	2	271	
60555 TOUGGOURT	3307N	00608E	85		1000.7	1010.8	36.3	11.4	17.8		0	0	-18	0	300	
60557 NAAMA	3316N	00018W	1166		885.8	1532 Y	30.2	5.3	11.2		3	12	-6	3	258	
60559 EL OUED	3330N	00607E	63		1003.1	1010.7	36.1	3.7	17.5		0	0	-1	4	314	
60560 AIN SEFRA	3246N	00036W	1058		894.8	1515 Y	31.0	-1.4	9.7		4	10	9	5	250	
60566 GHARDAIA	3223N	00349E	450		960.1	1010.5	36.2	3.7	11.0		0	0	-1	4	304	
60571 BECHAR	3137N	00214W	773		921.8	1536 Y	34.4	1.8	9.7		2	16	15	5	260	65
60580 OUARGLA	3155N	00524E	141		993.2	1009.2	37.8	5.2	14.8		0	0	-1	3	316	
60581 HASSI-MESSAOUD	3140N	00609E	142		994.1	1009.8	38.0	4.3	12.6		0	0	-1	5		
60590 EL GOLEA	3034N	00252E	397		965.7	1009.2	36.2	3.9	11.2		0	0	-1	5	340	85
60602 BENI ABBES	3008N	00210W	499		952.6	1006.4	37.1	2.5	9.9		1	3	2	5	379	

# 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	QUINILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°	° C	mb	mb		mm	mm		hr	
60607 TIMIMOUN	2915N	00017E	312		973.9	1008.1	37.5	2.6	8.5		1	12	11	6	279	
60611 IN AMENAS	2803N	00938E	562		949.6	1009.6	33.5	2.8	10.1		0	0	-1	5	232	60
60620 ADRAR	2753N	00017W	263		975.6	1006.2	37.9	2.5	9.4		2	15	14	6	255	65
60630 IN SALAH	2712N	00228E	293		977.8	1006.8	38.0	1.5	9.9		1	13	12	6	325	
60640 ILLIZI	2630N	00825E	558		949.8	1008.3	34.5	-2.0	11.9		0	1	-1	4		
60656 TINDOUF	2740N	00808W	431		956.5	1006.9	34.3	-2.2	12.5		1	3	2	5		
60670 DJANET	2433N	00928E	1054		905.9	1534 Y	31.0	.6	10.1		1	12	11	6	316	80
60680 TAMANRASSET	2247N	00531E	1378		865.7	1526 Y	29.2	1.0	8.7		3	19	14	5	265	85
60686 BORDJI B.MOKHTAR	2120N	00057E	398		963.1	1006.3	34.1	5.9	15.9		3	14	9	5	280	
<b>N AMERICA</b>																
<b>HAITI</b>																
78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	14		1012.8	1014.5	29.4	1.6	28.6		7	152	53	4		

# UPPER AIR

# SEPTEMBER 1999

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
<b>EUROPE - NORWAY</b> <b>JAN MAYEN</b> 01001 SEP 1999 7056N 00840W OB 3									<b>EUROPE - NORWAY</b> <b>BJORNOYA</b> 01028 SEP 1999 7431N 01901E OB 3									<b>EUROPE - NORWAY</b> <b>BODO</b> 01152 SEP 1999 6715N 01424E OB 3								
030	23958				2	78	253	5	030	23937	0	-54.4	30.3	0	85	295	6	030	23903	1	-55.8	30.1	2	68	310	5
050	20674				2	70	240	6	050	20662	0	-53.5	30.2	0	84	288	6	050	20662	1	-55.1	30.3	2	77	291	5
100	16177				1	80	225	8	100	16186	0	-51.6	29.3	0	82	270	9	100	16226	0	-54.0	30.3	1	80	273	7
150	13522				1	82	224	11	150	13551	0	-50.8	28.0	0	80	260	12	150	13622	0	-53.5	29.4	1	78	264	10
200	11628				1	81	227	14	200	11680	0	-52.0	20.5	0	76	258	15	200	11775	0	-54.7	18.6	2	69	265	11
300	8959				1	70	224	15	300	9046	0	-46.2	10.5	0	64	254	16	300	9155	0	-45.8	11.0	0	54	255	11
500	5412				0	59	218	7	500	5471	0	-21.4	7.7	0	70	248	13	500	5557	0	-19.0	13.2	0	68	246	10
700	2876				1	64	221	6	700	2911	0	-6.0	10.5	0	76	244	10	700	2973	0	-3.0	13.4	0	70	236	7
850	1346				2	40	208	3	850	1372	0	.3	7.0	0	64	242	7	850	1413	0	4.1	7.0	0	64	219	5
1003	* 9		4.8	1.9					1005	* 18		4.9	1.3					1006	* 33		11.9	4.3				
<b>EUROPE - NORWAY</b> <b>ORLAND</b> 01241 SEP 1999 6342N 00936E OB 3									<b>EUROPE - NORWAY</b> <b>STAVANGER/SOLA</b> 01415 SEP 1999 5852N 00540E OB 3									<b>EUROPE - SWEDEN</b> <b>SUNDSVALL-HARNOSAND FPL</b> 02365 SEP 1999 6232N 01727E OB 3								
030	23996	0	-55.3	30.3	0	36	299	2	030	24022	0	-54.9	29.2	0	61	290	3	030	23975	25	-55.9	30.5	9	38	341	2
050	20734	0	-55.1	30.5	0	61	251	4	050	20763	0	-55.2	29.1	0	83	255	4	050	20734	5	-55.7	30.7	5	62	291	4
100	16301	0	-55.0	30.7	0	83	246	8	100	16342	0	-55.7	28.9	0	84	235	8	100	16319	10	-56.4	30.5	9	78	266	8
150	13711	0	-55.0	28.1	0	80	247	12	150	13763	0	-55.6	24.4	0	69	232	9	150	13738	2	-56.3	25.0	2	77	269	10
200	11875	0	-55.1	18.7	0	74	244	15	200	11927	0	-54.4	17.2	0	67	227	12	200	11920	2	-55.7	16.2	3	75	263	13
300	9242	0	-43.9	9.9	0	62	242	13	300	9283	0	-43.2	10.2	0	64	218	13	300	9283	2	-44.5	10.0	2	70	260	13
500	5609	0	-16.9	11.5	0	74	232	12	500	5639	0	-15.7	11.7	0	73	213	11	500	5653	2	-16.7	12.6	2	72	248	9
700	3005	0	-1.4	9.3	0	81	228	9	700	3023	0	-.5	9.1	0	75	205	9	700	3051	2	-1.0	10.7	3	64	227	6
850	1435	0	6.8	7.0	0	76	224	7	850	1447	0	7.3	5.3	0	80	183	9	850	1471	2	5.9	7.4	6	58	208	4
1008	* 10		13.7	4.5					1006	* 14		15.6	2.7					1015	* 6		12.7	3.1				
<b>EUROPE - SWEDEN</b> <b>GOTEBORG/LANDVETTER</b> 02527 SEP 1999 5740N 01218E OB 3									<b>EUROPE - FINLAND</b> <b>SODANKYLA</b> 02836 SEP 1999 6722N 02639E OB 3									<b>EUROPE - FINLAND</b> <b>JYVASKYLA</b> 02935 SEP 1999 6224N 02541E OB 3								
030	23904	28	-57.1		9	99	262	12	030	23973	1	-55.0	31.5	2	64	339		030	23976	0	-55.0	31.0	0	67	342	4
050	20767	9	-56.1	30.0	9	77	272	6	050	20701	0	-54.9	31.6	0	62	324	5	050	20715	0	-55.9	30.5	0	63	336	4
100	16382	10	-56.4	29.8	9	70	248	6	100	16258	0	-54.2	31.8	0	71	302	7	100	16301	0	-55.8	30.0	0	70	314	8
150	13802	8	-56.8	24.9	8	58	248	8	150	13659	0	-54.0	29.5	0	69	300	10	150	13720	0	-56.0	25.3	0	70	309	11
200	11974	8	-55.0	18.4	8	46	245	8	200	11814	0	-54.3	19.5	0	66	299	13	200	11889	0	-55.5	16.8	0	71	307	15
300	9334	8	-43.3	10.7	8	39	240	7	300	9192	0	-45.8	10.2	0	54	294	11	300	9270	0	-45.1	9.9	0	65	306	14
500	5693	8	-15.3	13.2	9	60	233	7	500	5592	0	-18.9	11.8	0	57	284	8	500	5651	0	-17.2	12.7	0	64	302	9
700	3067	8	.5	13.3	9	73	230	7	700	3005	0	-3.2	11.5	0	53	272	5	700	3046	0	-1.1	14.2	0	50	296	5
850	1472	8	8.4	11.7	9	72	224	6	850	1449	0	3.7	5.2	0	60	259	5	850	1478	0	5.2	8.4	0	43	271	4
1001	* 155		15.6	5.0					992	* 179		9.3	3.9					999	* 145		8.6	3.5				

# UPPER AIR

# SEPTEMBER 1999

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		%	°	mps	hPa	gpm		° C	° C		%	°	mps	hPa	gpm		° C	° C		%	°	mps		
<b>EUROPE - FINLAND</b> <b>JOKIOINEN</b> 02963 SEP 1999 6049N 02330E OB 3									<b>EUROPE - UNITED KINGDOM</b> <b>LERWICK</b> 03005 SEP 1999 6008N 00111W OB 3									<b>EUROPE - UNITED KINGDOM</b> <b>STORNOWAY</b> 03026 SEP 1999 5813N 00619W OB 3										
030	24017	13	-54.8	31.8	9	71	5	4	030	24004	1	-54.6			1	68	266	3	030	24002	0	-54.4			0	82	264	4
050	20726	0	-56.0	30.4	0	74	305	6	050	20744	0	-54.2			0	80	241	4	050	20745	0	-54.0			0	70	225	4
100	16322	0	-56.4	28.7	0	73	303	7	100	16300	0	-54.0			0	81	224	9	100	16294	0	-53.7			0	73	222	7
150	13751	0	-56.6	22.7	0	70	299	11	150	13700	0	-53.7			0	74	221	12	150	13684	0	-52.9			0	72	224	12
200	11928	0	-56.4	13.7	0	68	300	13	200	11846	0	-52.7			0	69	216	16	200	11822	0	-51.3			0	64	213	14
300	9307	0	-44.1	9.7	0	63	295	11	300	9193	0	-43.4			0	61	205	17	300	9155	0	-43.4			0	54	206	14
500	5673	0	-16.5	13.1	0	57	283	7	500	5564	0	-17.4	10.7		0	76	202	15	500	5534	0	-17.9	10.2		0	68	209	12
700	3059	0	-.3	16.5	0	52	270	5	700	2964	0	-1.9	11.3		0	76	200	11	700	2939	0	-2.7	6.7		0	68	203	10
850	1487	0	6.2	10.4	0	37	258	3	850	1397	0	5.6	4.0		0	70	200	8	850	1374	0	5.3	4.6		0	70	203	9
1004	* 103		12.4	4.7					996	* 84		12.1	1.4						1002	* 13		13.0	2.5					
<b>EUROPE - UNITED KINGDOM</b> <b>HEMSBY</b> 03496 SEP 1999 5241N 00141E OB 3									<b>EUROPE - UNITED KINGDOM</b> <b>CAMBORNE</b> 03808 SEP 1999 5013N 00519W OB 3									<b>EUROPE - IRELAND</b> <b>VALENTIA OBSERVATORY</b> 03953 SEP 1999 5156N 01015W OB 3										
030	24063	9	-54.6		9	67	308	2	030	24048	1	-54.2			1	50	278	2	030	24057	0	-53.5	30.3		0	67	247	4
050	20795	0	-55.8		0	76	234	4	050	20786	1	-55.3			1	67	226	4	050	20787	0	-54.3	29.5		0	74	232	5
100	16378	0	-55.8		0	75	237	7	100	16365	1	-55.7			1	80	240	8	100	16354	0	-54.7	28.8		0	80	247	8
150	13799	0	-55.8		0	66	225	10	150	13782	1	-54.6			1	66	240	11	150	13755	0	-53.3	26.2		0	65	246	10
200	11958	0	-53.5		0	57	222	12	200	11937	0	-52.3			0	55	239	12	200	11893	0	-50.7	23.4		0	62	246	14
300	9306	0	-42.9		0	57	221	13	300	9271	0	-42.6			0	58	232	15	300	9212	0	-42.5	13.0		0	55	240	13
500	5655	0	-15.4	12.2	0	65	212	10	500	5624	0	-15.8	13.2		0	73	228	12	500	5576	0	-16.7	12.8		0	71	233	12
700	3031	0	.6	9.0	0	76	211	9	700	3007	0	.0	11.9		0	78	231	10	700	2967	0	-1.0	9.3		0	76	231	9
850	1446	0	9.0	6.9	0	75	209	7	850	1428	0	7.7	6.1		0	73	230	8	850	1394	0	6.5	2.9		0	72	226	8
1008	* 14		16.7	3.7					998	* 88		15.5	2.5						1001	* 14		14.6	2.3					
<b>EUROPE - ICELAND</b> <b>KEFLAVIKURFLUGVOLLUR</b> 04018 SEP 1999 6358N 02236W OB 3									<b>EUROPE - GREENLAND</b> <b>AASIAAT (EGEDESMINDE)</b> 04220 SEP 1999 6842N 05251W OB 3									<b>EUROPE - GREENLAND</b> <b>NARSARSUAQ</b> 04270 SEP 1999 6109N 04526W OB 3										
030	24011	5	-51.7		5	73	228	7	030	23927	0	-53.2	32.2		2	73	250	11	030	24012	1	-53.1	32.2		3	75	269	10
050	20703	0	-51.9		0	71	233	9	050	20631	0	-51.9	32.7		1	75	259	10	050	20722	1	-52.8	32.1		3	79	272	13
100	16193	0	-50.2		0	62	240	12	100	16110	0	-48.7	33.7		2	67	272	13	100	16230	1	-50.6	32.1		2	83	282	21
150	13532	0	-48.0		0	51	244	15	150	13440	0	-47.5	33.3		2	69	268	17	150	13578	1	-48.9	31.6		4	71	285	31
200	11630	0	-47.4		0	44	239	16	200	11537	0	-47.2	29.8		3	58	276	19	200	11687	1	-48.0	28.2		2	78	287	34
300	8952	0	-45.9		0	29	221	13	300	8886	0	-50.0	8.8		2	42	255	18	300	9006	0	-45.5	13.0		0	70	293	34
500	5388	0	-22.5	9.0	0	11	180	3	500	5382	0	-26.8	9.1		0	43	260	13	500	5440	0	-22.8	13.0		1	69	307	22
700	2839	0	-7.1	6.7	0	25	121	5	700	2882	0	-12.3	7.2		0	29	280	4	700	2897	0	-8.0	12.6		0	56	317	10
850	1300	0	.9	3.4	0	29	111	6	850	1377	0	-5.1	8.5		0	22	281	3	850	1369	0	-.8	9.9		0	27	44	2
993	* 54		7.9	2.8					1000	* 41		-1.6	4.3						1006	* 4		4.6	5.5					

# UPPER AIR

# SEPTEMBER 1999

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
<b>EUROPE - GREENLAND</b> <b>DANMARKSHAVN</b> 04320 SEP 1999 7646N 01840W OB 3								<b>EUROPE - GREENLAND</b> <b>ILLOQQOORMIUT (SCORESBYSU)</b> 04339 SEP 1999 7029N 02157W OB 3								<b>EUROPE - GREENLAND</b> <b>TASIILAQ (AMASSALIK)</b> 04360 SEP 1999 6536N 03738W OB 3										
030	23925	0	-53.4	30.2	1	73	234	10	030	23952	0	-53.1	29.5	0	80	235	11	030	23969	0	-52.7	30.7	0	67	243	9
050	20630	0	-51.9	30.6	0	68	235	10	050	20658	0	-52.2	29.6	0	73	221	10	050	20668	0	-52.2	30.7	0	68	260	8
100	16108	0	-48.6	30.9	0	72	223	14	100	16147	0	-49.5	29.5	1	63	216	13	100	16156	0	-49.3	30.6	0	75	267	13
150	13435	0	-47.3	30.5	0	67	216	16	150	13483	0	-47.9	29.0	1	67	220	16	150	13491	0	-47.8	29.6	0	74	268	17
200	11532	0	-47.6	26.5	0	60	218	18	200	11583	0	-47.7	24.0	0	59	222	17	200	11591	0	-47.8	25.6	0	68	269	20
300	8883	0	-49.6	9.5	0	40	216	17	300	8928	0	-48.8	9.2	1	40	231	13	300	8929	0	-48.7	9.3	0	27	260	9
500	5367	0	-25.9	8.0	0	34	231	10	500	5398	0	-24.6	8.6	0	20	263	4	500	5398	0	-24.4	8.5	0	15	321	3
700	2858	0	-11.7	7.3	0	30	301	6	700	2874	0	-10.1	6.9	1	29	42	6	700	2870	0	-9.4	8.7	0	33	70	5
850	1352	0	-5.8	8.5	0	55	331	11	850	1360	0	-4.1	5.8	0	60	7	11	850	1348	0	-1.8	7.3	0	64	66	10
1008	* 12		-3.2	3.4					1000	* 69		.8	3.8					999	* 52		4.7	4.0				
<b>EUROPE - DENMARK &amp; FAROE IS.</b> <b>KOEBENHAVN/JAEGERSBORG</b> 06181 SEP 1999 5546N 01232E OB 3								<b>EUROPE - NETHERLANDS</b> <b>DE BILT</b> 06260 SEP 1999 5206N 00511E OB 1								<b>EUROPE - BELGIUM</b> <b>UCCLE</b> 06447 SEP 1999 5048N 00421E OB 3										
030	24019	0	-55.3	30.9	0	61	296	7	030	24046	24	-54.4	31.4	9	40	290	2	030	24044	11	-55.0	29.8	9	57	322	4
050	20773	0	-56.5	30.8	0	77	268	9	050	20789	5	-56.6	29.4	5	62	251	4	050	20802	6	-56.7	29.0	6	48	252	5
100	16375	0	-56.8	29.7	0	67	252	11	100	16385	1	-56.4	29.1	1	72	238	7	100	16396	5	-56.4	28.2	6	81	244	15
150	13811	0	-57.0	24.9	0	53	242	13	150	13812	1	-56.0	25.3	1	59	233	10	150	13836	3	-56.5	23.4	3	74	243	22
200	11986	0	-55.7	17.4	0	46	241	16	200	11979	1	-54.6	19.5	1	54	231	12	200	12005	2	-54.7	16.2	3	67	240	29
300	9349	0	-43.0	9.6	0	48	235	17	300	9331	1	-42.6	10.8	1	56	226	14	300	9356	1	-42.1	9.5	1	70	231	33
500	5697	0	-15.2	12.5	0	55	225	12	500	5675	1	-15.2	12.2	1	60	218	10	500	5691	1	-14.6	9.7	1	75	228	22
700	3071	0	.9	11.9	0	62	215	11	700	3051	0	.7	8.1	1	71	212	9	700	3063	1	.9	8.2	2	76	216	16
850	1484	0	9.2	10.3	0	63	204	11	850	1464	0	9.8	5.5	0	74	214	8	850	1475	1	10.1	6.2	1	80	222	15
1009	* 42		16.7	3.7					1010	* 15		17.7	3.6					1000	* 104		15.9	2.8				
<b>EUROPE - FRANCE</b> <b>BREST</b> 07110 SEP 1999 4827N 00425W OB 3								<b>EUROPE - GIBRALTAR</b> <b>GIBRALTAR</b> 08495 SEP 1999 3609N 00520W OB 3								<b>EUROPE - GERMANY</b> <b>SCHLESWIG</b> 10035 SEP 1999 5432N 00933E OB 3										
030									030	24046	0	-54.2		0	80	87	5	030	24037	0	-55.3		2	60	290	3
050	20831	10	-55.8		9	60	247	6	050	20812	0	-59.0		0	50	117	3	050	20791	0	-56.6		2	74	263	4
100	16410	5	-56.3		6	81	250	17	100	16530	0	-64.8		0	86	256	10	100	16388	0	-56.5	29.7	2	78	239	7
150	13818	7	-54.9		4	58	251	19	150	14048	0	-61.7		0	91	258	19	150	13821	0	-56.9	23.9	2	66	226	9
200	11985	4	-52.3		3	56	251	25	200	12242	0	-55.3		0	84	254	20	200	11991	0	-55.3	17.4	2	62	221	11
300	9317	0	-41.8		0	60	242	32	300	9561	0	-37.6	13.7	0	78	252	16	300	9349	0	-42.8	10.4	2	61	216	12
500	5659	0	-14.9	14.8	0	72	235	23	500	5831	0	-9.7	20.1	0	87	250	12	500	5695	0	-15.0	13.6	2	71	208	9
700	3033	0	.8	13.5	0	79	239	19	700	3148	0	7.6	22.0	0	87	240	9	700	3067	0	1.1	11.6	2	72	208	7
850	1450	1	9.0	8.3	1	76	238	16	850	1528	0	14.7	13.1	0	33	218	3	850	1480	0	9.8	6.5	2	73	203	7
999	* 103		14.1	.8					1015	* 4		22.5	5.5					1007	* 48		17.1	4.3				

# UPPER AIR

# SEPTEMBER 1999

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
<b>EUROPE - GERMANY</b> <b>GREIFSWALD</b> 10184 SEP 1999 5406N 01324E OB 3									<b>EUROPE - GERMANY</b> <b>BERGEN</b> 10238 SEP 1999 5249N 00956E OB									<b>EUROPE - GERMANY</b> <b>LINDENBERG</b> 10393 SEP 1999 5213N 01407E OB 3								
030	24026	0	-55.5		5	68	300	4	030	24180	8	-54.2						030	24017	0	-55.6		1	61	312	3
050	20786	0	-57.0		5	78	282	5	050	20904	6	-56.2						050	20779	0	-57.6		1	60	294	3
100	16395	0	-57.0		4	72	259	7	100	16483	5	-57.1	10.6					100	16397	0	-57.4		1	59	264	6
150	13832	0	-57.4		4	65	252	9	150	13927	5	-57.6	9.9					150	13837	0	-57.2		1	41	259	6
200	12011	0	-56.1		4	49	253	10	200	12096	5	-56.5	9.3	7	21	189	4	200	12017	0	-56.5		1	30	261	7
300	9370	0	-42.4	10.9	4	50	242	10	300	9396	0	-41.8	10.2	0	45	236	10	300	9377	0	-42.3	10.3	1	27	254	6
500	5711	0	-14.8	15.8	2	49	233	6	500	5716	0	-14.6	13.5	0	55	219	7	500	5717	0	-14.8	14.2	1	34	226	4
700	3082	0	1.3	12.2	2	58	224	5	700	3080	0	1.6	11.1	0	61	219	6	700	3085	0	1.3	10.8	1	41	212	3
850	1492	0	10.2	11.1	2	56	213	5	850	1489	0	10.6	7.2	0	64	214	6	850	1496	0	10.3	8.1	1	39	201	3
1014	* 6		17.4	4.5					1005	* 69		17.7	6.4					1001	* 104		18.6	7.2				
<b>EUROPE - GERMANY</b> <b>ESSEN</b> 10410 SEP 1999 5124N 00658E OB 3									<b>EUROPE - GERMANY</b> <b>DRSDEN</b> 10486 SEP 1999 5107N 01341E OB 3									<b>EUROPE - GERMANY</b> <b>MEININGEN</b> 10548 SEP 1999 5034N 01023E OB 3								
030	24029	0	-55.4		0	52	288	2	030	24031	0	-55.6		0	61	291	3	030	24043	0	-55.5		0	49	295	2
050	20786	0	-57.1		0	65	263	3	050	20791	0	-57.7		0	63	292	3	050	20796	0	-57.2		0	53	280	3
100	16398	0	-57.1	30.0	0	69	246	7	100	16411	0	-57.5	29.8	0	67	263	6	100	16415	0	-57.5		0	69	257	7
150	13831	0	-56.7	25.8	0	51	243	9	150	13855	0	-57.2	25.5	0	55	256	9	150	13853	0	-57.0		0	52	252	9
200	12002	0	-55.7	17.3	0	48	242	12	200	12033	0	-56.2	16.0	0	46	260	11	200	12031	0	-56.2		0	42	252	11
300	9356	0	-42.1	10.9	0	50	233	12	300	9392	0	-41.9	11.1	0	45	256	10	300	9389	0	-41.9	9.3	0	45	241	11
500	5695	0	-14.8	13.1	0	56	224	9	500	5726	0	-14.5	14.1	0	39	238	6	500	5720	0	-14.5	14.0	0	48	235	7
700	3066	0	1.0	8.7	0	66	219	7	700	3092	0	1.4	10.8	0	39	223	4	700	3086	0	1.2	8.4	0	49	231	5
850	1477	0	10.3	7.0	0	69	221	7	850	1501	0	10.8	7.2	0	35	223	3	850	1496	0	10.6	6.2	0	56	213	4
994	* 153		18.5	5.4					988	* 232		18.6	6.3					962	* 453		16.8	4.9				
<b>EUROPE - GERMANY</b> <b>STUTTGART/SCHNARRENBERG</b> 10739 SEP 1999 4850N 00912E OB 3									<b>EUROPE - GERMANY</b> <b>MUENCHEN-OBERSCHLEISSHEIM</b> 10868 SEP 1999 4815N 01133E OB 3									<b>EUROPE - AUSTRIA</b> <b>WIEN/HOHE WARTE</b> 11035 SEP 1999 4814N 01621E OB 3								
030	24035	0	-55.1		1	56	292	3	030	24045	0	-55.1		0	60	285	3	030	24036	7	-54.8		7	65	269	2
050	20794	0	-57.6		0	49	280	3	050	20805	0	-57.5		0	58	291	3	050	20794	3	-57.8		3	50	309	1
100	16417	0	-57.7	28.9	0	70	252	8	100	16432	0	-58.2	29.1	0	71	260	7	100	16427	3	-58.3		3	75	270	4
150	13861	0	-57.0	25.8	0	65	250	11	150	13880	0	-57.6	24.2	0	64	259	11	150	13877	2	-57.6		2	62	274	5
200	12038	0	-56.3	17.1	0	55	246	14	200	12062	0	-56.5	14.8	0	55	258	13	200	12058	2	-56.4		2	45	279	5
300	9391	0	-41.5	13.1	0	53	238	13	300	9415	0	-41.1	10.7	0	45	253	10	300	9417	1	-41.4		1	44	283	5
500	5720	0	-14.3	14.6	0	56	226	9	500	5734	0	-13.6	12.7	0	51	240	7	500	5741	0	-13.6	12.1	0	56	271	5
700	3086	0	1.6	9.8	0	60	228	6	700	3096	0	1.8	7.3	0	54	239	5	700	3102	0	2.3	9.0	0	34	264	2
850	1493	0	11.3	7.2	0	46	215	4	850	1498	0	12.2	8.7	0	30	225	2	850	1505	0	11.7	6.6	0	28	178	1
977	* 315		18.4	5.9					958	* 489		17.1	5.1					991	* 200		18.4	4.8				

# UPPER AIR

# SEPTEMBER 1999

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
<b>EUROPE - CZECH REPUBLIC</b> <b>PRAHA-LIBUS</b> 11520 SEP 1999 5000N 01427E OB 3								<b>EUROPE - SLOVAKIA</b> <b>POPRAD-GANOVCE</b> 11952 SEP 1999 4902N 02019E OB 3								<b>EUROPE - POLAND</b> <b>LEBA</b> 12120 SEP 1999 5445N 01732E OB 3										
030	24038	0	-54.9		0	64	296	3	030	24024	0	-54.6		0	71	276	4	030	24008	1	-55.5	31.2	2	57	317	3
050	20793	0	-57.4		0	52	303	3	050	20786	0	-57.7		0	64	302	4	050	20767	1	-56.9	30.2	2	72	296	5
100	16417	0	-57.8		1	68	268	7	100	16417	0	-58.2		0	72	283	7	100	16380	1	-57.3	29.2	1	56	288	5
150	13860	0	-57.5		1	50	264	8	150	13864	0	-57.3		0	56	283	9	150	13819	1	-57.5	23.6	2	37	282	5
200	12041	0	-56.4		0	34	261	8	200	12045	0	-56.7		0	39	296	8	200	12000	1	-56.2	15.1	1	34	284	7
300	9401	0	-41.8	10.3	3	38	264	8	300	9408	0	-41.9	9.8	0	34	281	6	300	9365	1	-43.0	8.5	2	39	234	6
500	5732	0	-14.2	13.3	1	35	249	5	500	5740	0	-14.2	14.0	0	21	270	3	500	5714	1	-14.8	14.6	2	33	232	4
700	3098	0	1.7	8.5	0	43	218	4	700	3106	0	1.5	9.0	0	7	203	1	700	3085	0	1.4	10.6	1	34	218	3
850	1505	0	10.9	5.4	0	37	215	3	850	1515	0	10.6	4.8	0	15	218	1	850	1497	0	9.5	9.1	1	44	222	4
980	* 303		17.8	4.5					936	* 706		15.5	6.4					1015	* 2		12.7	1.7				
<b>EUROPE - POLAND</b> <b>LEGIONOWO</b> 12374 SEP 1999 5224N 02058E OB 3								<b>EUROPE - POLAND</b> <b>WROCLAW I</b> 12425 SEP 1999 5108N 01659E OB 3								<b>EUROPE - HUNGARY</b> <b>BUDAPEST/LORINC</b> 12843 SEP 1999 4726N 01911E OB 3										
030	24019	0	-55.3	31.9	0	74	308	4	030	23982	1	-55.7	32.1	1	65	317	3	030	24026	3	-55.0		5	64	278	3
050	20774	0	-57.3	30.9	0	68	311	4	050	20753	0	-57.7	31.5	1	61	319	3	050	20788	2	-57.9		6	60	315	3
100	16394	0	-57.5	30.2	0	65	292	6	100	16379	0	-57.5	31.2	0	62	275	6	100	16427	2	-58.9		9	79	277	8
150	13836	0	-57.5	25.0	0	41	294	7	150	13823	0	-57.2	24.8	0	51	282	8	150	13878	2	-57.6		9	64	282	10
200	12018	0	-57.0	14.1	0	29	292	7	200	12005	0	-56.7	14.0	1	31	279	7	200	12059	2	-56.4		7	44	287	9
300	9385	0	-42.6	9.7	0	26	272	5	300	9368	0	-42.7	8.5	0	38	281	8	300	9416	2	-41.4	9.7	6	29	283	6
500	5728	0	-14.8	14.2	0	20	273	2	500	5715	0	-15.1	14.7	0	29	259	4	500	5740	1	-13.8	13.5	3	33	280	4
700	3098	0	1.4	15.4	0	24	245	2	700	3089	0	1.1	8.8	0	27	242	2	700	3103	1	1.9	10.6	2	18	264	1
850	1511	0	9.5	11.2	0	19	193	1	850	1502	0	9.9	6.6	0	27	221	2	850	1509	1	10.7	5.3	2	17	190	1
1005	* 96		16.9	6.8					1001	* 116		13.8	3.6					999	* 139		19.7	7.7				
<b>EUROPE - HUNGARY</b> <b>SZEGED</b> 12982 SEP 1999 4615N 02006E OB								<b>EUROPE - CROATIA</b> <b>ZAGREB/MAKSIMIR</b> 14240 SEP 1999 4549N 01602E OB 3								<b>EUROPE - ROMANIA</b> <b>CLUJ-NAPOCA</b> 15120 SEP 1999 4647N 02334E OB 1										
030	24047	1	-54.8		8	76	270	3	030	24042	1	-54.5		2	39	267	10	030	23968	17	-54.7					
050	20807	1	-58.0		5	65	296	4	050	20802	1	-57.8		2	47	307	12	050	20750	8	-58.0		9	85	295	5
100	16448	1	-59.1		4	78	281	8	100	16475	0	-59.3		0	81	275	44	100	16400	6	-58.7		8	92	280	9
150	13900	0	-57.3		5	66	288	8	150	13903	0	-57.9		0	75	274	55	150	13856	3	-57.3		7	61	285	7
200	12076	0	-55.7		5	36	291	6	200	12082	0	-55.9		0	58	287	59	200	12035	3	-56.6		6	52	305	10
300	9430	0	-41.1	10.1	8	8	337	2	300	9434	0	-41.1		0	38	285	37	300	9400	1	-41.8	7.4	3	26	308	4
500	5747	0	-13.4	15.3	1	28	274	4	500	5751	0	-13.0	14.7	0	25	265	17	500	5727	1	-13.8	12.4	2	23	292	3
700	3107	0	2.1	9.3	1	19	257	2	700	3109	0	2.3	10.5	0	25	264	13	700	3093	1	1.2	8.1	1	25	269	2
850	1512	0	11.2	5.5	2	19	214	1	850	1513	0	11.2	4.8	0	25	270	11	850	1503	1	10.7	4.5	2	23	179	2
1005	* 83		15.2	1.9					1000	* 128		19.6	5.2					967	* 413		13.3	1.1				



# UPPER AIR

# SEPTEMBER 1999

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	%	°
<b>EUROPE - ROMANIA</b> <b>BUCURESTI/IMH</b> 15420 SEP 1999 4430N 02608E OB 1									<b>EUROPE - ROMANIA</b> <b>CONSTANTA</b> 15480 SEP 1999 4413N 02838E OB 1									<b>EUROPE - BULGARIA</b> <b>SOFIA (OBSERV.)</b> 15614 SEP 1999 4239N 02323E OB 0														
030	24013	16	-54.9		9	75	284	4	030									030														
050	20779	6	-59.0		6	82	302	5	050	20741	7	-59.2			7	80	290	5	050													
100	16446	1	-59.1		1	92	277	9	100	16420	2	-59.6			3	90	275	10	100	16510	13	-56.7	8.8	9	93	266	9					
150	13902	0	-57.2		1	84	284	12	150	13876	1	-57.0			1	80	275	14	150	13950	9	-55.2	8.1	9	84	285	11					
200	12077	0	-55.6		1	64	298	10	200	12050	1	-55.4			1	70	290	12	200	12113	8	-53.3	7.3	8	60	289	10					
300	9436	0	-42.0	9.2	0	47	308	7	300	9407	1	-42.1	9.0		1	50	305	8	300	9460	1	-40.3	7.9	1	46	287	7					
500	5763	0	-13.7	12.5	0	46	304	4	500	5738	0	-13.9	13.6		0	50	295	5	500	5767	1	-12.5	10.0	1	36	287	3					
700	3126	0	1.8	11.2	1	33	326	2	700	3102	0	1.8	15.3		0	20	330	1	700	3120	1	2.4	6.6	1	32	264	2					
850	1534	0	10.7	5.7	2	27	42	2	850	1511	0	10.4	8.1		0	30	35	2	850	1522	1	12.5	6.3	1	40	344	2					
1007	* 91		15.2	2.3					1014	* 14		18.3	3.4						948	* 595		21.9	11.4									
<b>EUROPE - ITALY</b> <b>MILANO/LINATE</b> 16080 SEP 1999 4526N 00917E OB 3									<b>EUROPE - ITALY</b> <b>PRATICA DI MARE</b> 16245 SEP 1999 4139N 01226E OB 3									<b>EUROPE - ITALY</b> <b>BRINDISI</b> 16320 SEP 1999 4039N 01757E OB 3														
030	24058	0	-54.7	28.2	0	31	257	2	030	24048	0	-54.7	31.3	7	28	239	1	030	24039	25	-55.2	32.4	9	43	323	3						
050	20817	0	-57.4	27.3	0	36	286	2	050	20814	0	-58.4	30.5	6	30	306	1	050	20813	24	-59.3	31.1	9	45	162	2						
100	16460	0	-59.5	24.9	0	78	264	8	100	16496	0	-62.1	28.4	5	89	271	8	100	16506	23	-63.7	27.7	9	97	277	10						
150	13920	0	-58.2	20.5	0	74	266	14	150	13983	0	-59.4	26.6	5	86	276	13	150	14005	23	-60.1	27.0	9	96	279	18						
200	12103	0	-56.1	14.1	0	63	267	14	200	12168	0	-55.7	18.2	5	76	274	14	200	12184	23	-54.5	17.9	9	93	285	24						
300	9445	0	-40.1	10.8	0	48	266	11	300	9500	0	-39.2	14.0	4	61	271	11	300	9509	23	-38.2	16.8	9	90	289	26						
500	5751	0	-12.6	13.6	0	52	250	8	500	5788	0	-11.2	19.3	4	60	268	7	500	5793	23	-10.8	21.6	9	91	291	15						
700	3107	0	2.4	7.8	0	39	231	3	700	3129	0	4.2	11.2	4	55	265	5	700	3132	23	4.5	12.8	9	76	296	9						
850	1508	0	12.1	6.1	0	37	175	2	850	1520	0	14.1	10.9	4	41	237	2	850	1522	23	13.9	11.3	9	57	291	5						
1002	* 103		21.1	5.7					1010	* 32		23.2	8.8						1015	* 10		25.1	9.4									
<b>EUROPE - ITALY</b> <b>TRAPANI/BIRGI</b> 16429 SEP 1999 3755N 01230E OB 3									<b>EUROPE - CYPRUS</b> <b>ATHALASSA</b> 17607 SEP 1999 3509N 03324E OB 2									<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>MURMANSK</b> 22113 SEP 1999 6859N 03307E OB 3														
030	23902	10	-55.4	29.6	9	20	3	1	030									030	23901	3	-55.9		3	77	338	6						
050	20692	10	-61.0	28.2	9	35	325	2	050	20808	11	-59.8		9	44	117	2	050	20655	2	-55.0		2	75	332	6						
100	16413	10	-61.9	27.0	9	89	266	13	100	16578	1	-68.6		4	99	252	14	100	16220	1	-53.8		1	77	318	8						
150	13885	10	-58.8	22.8	9	89	270	19	150	14127	1	-60.9		4	94	256	24	150	13606	0	-53.6		0	72	313	10						
200	12091	10	-59.8	13.4	9	84	270	23	200	12299	0	-51.4		0	96	253	26	200	11760	0	-54.5		0	64	307	12						
300	9463	10	-42.0	12.4	9	80	260	20	300	9585	0	-37.5	20.0	0	87	256	18	300	9147	0	-46.7	10.3	0	53	305	11						
500	5792	10	-13.6	15.3	9	80	264	16	500	5833	0	-7.9	22.0	0	86	261	10	500	5563	0	-19.9	10.1	0	53	294	8						
700	3138	10	6.0	19.9	9	78	270	12	700	3138	0	7.7	18.0	0	75	270	5	700	2987	0	-4.1	9.9	0	59	286	6						
850	1518	10	16.3	19.4	9	62	257	6	850	1509	0	18.3	11.0	0	29	11	1	850	1437	0	2.7	5.9	0	63	278	5						
1014	* 14		19.5	3.6					991	* 161		32.8	20.0						999	* 121		8.3	3.3									

# UPPER AIR

# SEPTEMBER 1999

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 - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK 22550 SEP 1999 6437N 04030E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) ST. PETERBURG (VOEJKOVO) 26063 SEP 1999 5957N 03042E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) KAZAN' 27595 SEP 1999 5536N 04917E OB 3								
030	24092	25	-52.7	12.4	9	99	346	3	030	23999	0	-54.9		0	75	327	5	030	24017	20	-52.4		9	76	282	4
050	20723	15	-54.5	11.1	9	77	340	5	050	20739	0	-55.6		0	75	323	5	050	20760	17	-54.3		9	81	301	4
100	16278	8	-53.6	9.3	9	73	342	8	100	16328	0	-55.9		0	74	320	8	100	16312	14	-54.3		9	78	298	8
150	13661	5	-53.7	8.0	6	68	336	11	150	13745	0	-55.6		0	71	321	11	150	13708	14	-53.1		9	74	302	10
200	11811	5	-53.6	6.8	5	63	341	13	200	11907	0	-54.7	13.6	0	69	324	15	200	11846	14	-51.0	14.9	9	70	304	11
300	9173	4	-45.5	6.5	4	42	343	11	300	9279	0	-44.8	10.2	0	68	324	16	300	9172	11	-45.8	8.3	9	52	327	9
500	5577	4	-19.6	8.6	4	42	329	7	500	5659	0	-17.6	12.9	0	64	320	10	500	5587	12	-20.6	7.4	9	58	331	7
700	2998	4	-4.2	8.3	4	32	326	4	700	3058	0	-1.5	12.6	0	57	306	6	700	3012	12	-4.4	7.6	9	70	334	7
850	1444	4	2.6	3.3	4	23	309	2	850	1493	0	4.4	5.0	0	54	299	4	850	1455	12	3.5	3.5	9	73	341	6
1014	* 4		8.1	2.1					1008	* 78		12.9	5.2					1000	* 116		9.1	2.0				
EUROPE - RUSSIAN FEDERATION (EUROPE) MOSKVA (DOLGOPRUDNYJ) 27612 SEP 1999 5545N 03757E OB 0									EUROPE - RUSSIAN FEDERATION (EUROPE) ROSTOV-NA-DONU 34731 SEP 1999 4715N 03949E OB 3									EUROPE - GEORGIA TBILISI 37549 SEP 1999 4141N 04457E OB 3								
030	23976	6	-54.6	9.9	7	83	307	4	030	24118	25	-51.9		9	88	266	4	030	24025	19	-53.9		9	82	272	5
050	20713	6	-55.4	9.4	6	88	314	6	050	20838	25	-56.3		9	93	280	5	050	20797	15	-58.7		9	88	268	5
100	16299	5	-55.3	8.3	5	79	320	9	100	16425	24	-57.3		9	92	274	13	100	16480	8	-61.2		8	94	258	17
150	13727	3	-55.3	7.1	3	66	323	10	150	13843	23	-55.0		9	92	272	18	150	13967	4	-57.5		4	94	257	29
200	11880	2	-53.7	5.9	2	64	333	13	200	11994	23	-53.3		9	82	276	19	200	12168	3	-52.5		2	91	256	31
300	9244	2	-44.8	6.2	2	61	340	12	300	9346	23	-43.1		9	53	301	13	300	9455	1	-40.2	8.8	1	85	256	20
500	5636	2	-18.0	9.0	2	66	341	9	500	5689	23	-15.2	11.5	9	75	292	12	500	5767	1	-13.3	9.9	1	84	250	11
700	3041	2	-2.6	9.0	2	67	329	6	700	3071	23	.5	5.9	9	74	281	9	700	3122	1	2.3	4.4	1	66	245	4
850	1482	2	4.5	4.0	2	55	318	4	850	1482	23	10.8	6.2	9	69	276	5	850	1526	1	11.2	4.0	1	1	111	0
993	* 200		9.8	3.0					1004	* 78		15.7	3.4					962	* 490		17.0	3.7				
EUROPE - ISRAEL BET DAGAN 40179 SEP 1999 3200N 03449E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OSTROV DIKSON 20674 SEP 1999 7330N 08024E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OSTROV KOTEL'NYJ 21432 SEP 1999 7600N 13752E OB 3								
030									030	23863	27	-51.1		9	94	297	3	030								
050	20800	4	-60.5						050	20496	25	-51.4		9	77	340	2	050	20748	25	-49.1		9	63	11	1
100	16616	0	-71.7		0	93	237	13	100	16039	23	-47.4		9	87	334	5	100	16175	18	-47.3		9	62	337	2
150	14190	0	-63.0		0	96	237	24	150	13357	23	-47.4		9	94	342	8	150	13483	18	-46.1		9	64	323	3
200	12372	0	-51.1		0	97	237	25	200	11456	22	-47.4		9	71	345	7	200	11570	18	-46.4		9	56	324	4
300	9636	0	-33.8	14.0	0	92	242	18	300	8765	20	-47.0		9	50	337	8	300	8909	17	-48.7		9	45	338	7
500	5860	0	-6.8	18.3	0	88	242	10	500	5279	19	-30.6	7.5	9	41	297	6	500	5399	15	-26.4	7.4	9	49	338	5
700	3147	0	10.5	19.4	0	80	241	6	700	2814	18	-15.7	2.7	9	46	280	5	700	2892	15	-11.1	6.9	9	40	303	4
850	1506	0	18.5	13.8	0	44	296	2	850	1325	18	-7.4	1.9	9	54	287	5	850	1385	15	-5.0	3.4	9	33	299	3
1007	* 35		26.9	7.7					1000	* 47		-1.5	1.5					1010	* 9		1.5	1.7				

# UPPER AIR

# SEPTEMBER 1999

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
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>TURUHANSK</b> 23472 SEP 1999 6547N 08756E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HANTY-MANSIJSK</b> 23933 SEP 1999 6101N 06902E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHOJANSK</b> 24266 SEP 1999 6734N 13324E OB 3								
030	24130	22	-48.9	13.3	9	88	279	3	030	23734	23	-53.6		9	84	277	7	030	23833	20	-51.4	12.2	9	97	242	10
050	20759	21	-49.3	12.3	9	59	259	2	050	20590	23	-53.9		9	71	262	4	050	20512	19	-51.4	11.3	9	76	242	7
100	16191	20	-47.5	11.7	9	42	304	2	100	16105	22	-52.8		9	61	270	5	100	15988	17	-50.3	9.8	9	76	249	8
150	13504	20	-46.5	10.2	9	8	166	1	150	13485	19	-52.6		9	53	292	6	150	13341	16	-50.3	7.6	9	63	261	8
200	11596	20	-47.3	7.5	9	19	186	2	200	11648	13	-54.1		9	39	291	6	200	11460	15	-51.4	5.5	9	64	258	11
300	8952	20	-48.9	4.4	9	26	80	5	300	9065	8	-48.8		9	31	257	6	300	8861	15	-51.6	3.7	9	62	259	14
500	5413	20	-23.9	7.4	9	33	138	5	500	5517	6	-22.2	4.0	6	29	248	4	500	5378	15	-28.3	4.5	9	64	262	10
700	2881	20	-8.9	2.7	9	46	180	4	700	2953	2	-6.9	4.2	4	17	228	2	700	2889	15	-13.2	5.0	9	68	255	6
850	1353	20	-1.6	1.9	9	55	181	5	850	1417	2	.2	3.3	5	16	149	1	850	1386	15	-4.7	5.8	9	64	248	5
1000	* 38		5.4	3.0					1007	* 46		5.1	1.2					994	* 138		-1.5	4.7				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JAKUTSK</b> 24959 SEP 1999 6201N 12943E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHNEE DUBROVO</b> 28445 SEP 1999 5644N 06104E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OMSK</b> 28698 SEP 1999 5456N 07324E OB 3								
030	23899	12	-51.0	15.1	9	88	260	8	030	23963	5	-53.4	11.8	7	89	279	7	030	23994	6	-52.0	10.0	7	95	275	8
050	20594	5	-51.3	13.6	5	87	260	8	050	20653	1	-54.6	10.8	1	81	290	6	050	20709	4	-53.8	8.0	4	94	276	9
100	16094	3	-50.8	11.1	3	78	266	8	100	16209	1	-53.2	9.6	1	76	292	9	100	16247	3	-53.5	7.0	3	93	276	13
150	13458	3	-50.7	9.0	3	75	267	9	150	13593	1	-52.5	8.2	1	62	295	10	150	13631	2	-52.7	4.1	2	88	273	14
200	11593	2	-52.1	6.8	2	67	266	11	200	11732	1	-52.2	6.6	1	54	301	11	200	11775	2	-53.8	2.3	2	81	271	15
300	8975	2	-49.1	4.7	2	53	270	11	300	9104	1	-47.3	5.3	1	39	300	9	300	9137	2	-47.0	1.8	2	74	266	14
500	5448	2	-24.4	7.3	2	59	278	7	500	5538	1	-21.3	8.0	0	40	296	6	500	5554	0	-21.0	6.0	0	73	272	9
700	2925	2	-9.6	4.9	2	44	294	4	700	2977	0	-6.2	5.8	0	35	296	4	700	2995	0	-5.7	4.9	0	64	268	7
850	1402	0	-4	4.6	0	47	324	4	850	1431	0	2.1	2.8	1	38	306	4	850	1447	1	4.0	5.9	2	53	252	5
997	* 101		5.7	5.6					978	* 290		6.9	1.1					1003	* 90		6.8	4.2				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>EMEL'JANOVO</b> 29572 SEP 1999 5611N 09237E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KIRENSK</b> 30230 SEP 1999 5746N 10804E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>CHITA</b> 30758 SEP 1999 5205N 11329E OB 0								
030	24026	6	-49.7	13.1	7	90	258	7	030	23876	25	-48.9	16.6	9	89	236	14	030	24072	9	-49.6		9	91	260	5
050	20683	5	-51.8	12.4	5	89	269	8	050	20536	23	-49.8	13.9	9	98	259	12	050	20766	6	-52.3		6	92	263	6
100	16187	4	-51.6	10.5	4	80	275	10	100	16052	20	-51.2	10.3	9	97	242	12	100	16284	3	-52.2		4	98	267	12
150	13555	3	-51.3	8.7	4	74	278	11	150	13420	20	-52.0	8.2	9	91	254	12	150	13650	2	-51.3		2	95	268	15
200	11690	3	-51.8	6.8	3	62	271	12	200	11562	20	-53.1	6.3	9	83	250	12	200	11783	2	-52.5		2	86	262	17
300	9063	1	-49.5	5.8	1	37	268	8	300	8959	20	-51.2	4.8	9	58	237	10	300	9146	0	-46.5	7.5	0	59	260	13
500	5532	0	-24.3	8.4	0	38	260	6	500	5463	20	-26.7	5.3	9	71	249	8	500	5567	0	-20.9	8.2	0	58	279	6
700	3000	0	-8.5	6.4	0	39	244	4	700	2953	20	-10.9	6.4	9	85	246	8	700	3002	0	-6.2	6.4	0	53	293	5
850	1467	0	.0	4.2	0	12	203	1	850	1442	20	-3.3	4.4	9	82	257	6	850	1457	0	2.9	5.9	0	36	321	2
992	* 206		1.1	1.6					985	* 259		-.2	1.9					937	* 671		4.2	2.7				

# UPPER AIR

# SEPTEMBER 1999

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
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ALDAN</b> 31004 SEP 1999 5837N 12522E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HABAROVSK</b> 31736 SEP 1999 4832N 13514E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VLADIVOSTOK (SAD GOROD)</b> 31977 SEP 1999 4316N 13203E OB 3								
030	23885	24	-48.8	12.7	9	97	247	12	030									030	24141	22	-51.5	12.3	9	20	80	1
050	20542	24	-49.8	11.5	9	97	235	12	050									050	20873	21	-57.1	10.7	9	86	275	6
100	16005	24	-50.2	9.5	9	99	241	12	100	16362	10	-54.9	8.4	9	96	256	23	100	16555	16	-62.3	8.5	9	96	270	24
150	13355	24	-50.0	8.2	9	98	240	12	150	13773	6	-52.7	7.6	6	96	260	33	150	14016	10	-55.9	8.2	9	94	261	39
200	11482	24	-50.8	5.9	9	95	245	14	200	11905	6	-49.9	7.0	6	93	256	37	200	12169	10	-51.6	7.1	9	93	260	40
300	8872	24	-53.5	4.0	9	93	244	17	300	9230	4	-42.2	6.5	4	87	265	28	300	9442	4	-36.5	8.3	4	92	255	34
500	5418	24	-30.3	2.7	9	87	258	10	500	5614	3	-17.3	9.1	2	87	264	15	500	5726	3	-13.0	13.7	4	91	260	18
700	2945	24	-14.1	3.5	9	72	266	7	700	3017	1	-2.9	7.0	1	81	268	9	700	3083	1	1.9	12.8	1	80	273	9
850	1445	24	-3.8	4.4	9	46	291	4	850	1449	0	6.0	5.0	0	80	265	8	850	1492	0	9.4	8.4	0	54	284	5
936	* 79		.6	4.9					1003	* 72		12.4	3.6					1005	* 82		14.9	3.6				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JUZHNO-SAHALINSK</b> 32150 SEP 1999 4657N 14243E OB 1									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>PETROPAPVLOVSK-KAMCATSKIJ</b> 32540 SEP 1999 5305N 15835E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ORENBURG</b> 35121 SEP 1999 5141N 05506E OB 3								
030									030	24013	21	-51.9	11.7	9	80	275	4	030	24073	5	-51.4	13.2	7	93	268	8
050									050	20699	16	-53.4	10.9	9	90	284	8	050	20786	5	-54.2	11.6	5	91	276	9
100	16445	7	-58.4	9.1	7	96	267	26	100	16269	9	-52.6	9.7	8	95	278	16	100	16341	3	-54.4	10.0	3	89	279	13
150	13900	2	-55.3	8.3	2	94	267	36	150	13655	7	-51.3	8.0	7	90	275	22	150	13738	2	-53.0	9.0	2	84	277	17
200	12046	2	-50.8	7.8	2	94	263	43	200	11783	6	-49.8	6.9	6	85	272	23	200	11885	2	-51.4	8.4	2	75	282	17
300	9338	2	-38.2	7.8	2	91	262	36	300	9115	6	-44.5	5.8	5	67	267	14	300	9230	3	-44.8	7.7	2	71	280	16
500	5650	0	-15.0	11.2	0	87	267	20	500	5513	5	-19.9	9.4	5	53	262	7	500	5628	1	-18.9	10.3	1	73	276	11
700	3029	0	-9	7.8	1	81	268	11	700	2940	5	-4.6	6.9	5	36	279	3	700	3039	1	-2.9	9.4	1	71	279	8
850	1455	0	7.0	4.7	1	68	288	8	850	1387	5	3.3	4.4	5	26	310	2	850	1480	2	4.5	5.5	1	72	274	7
1010	* 24		11.8	1.4					996	* 84		8.2	2.6					1001	* 117		17.4	14.4				
<b>ASIA - SAUDI ARABIA</b> <b>HAFR AL-BATIN</b> 40373 SEP 1999 2820N 04607E OB									<b>ASIA - SAUDI ARABIA</b> <b>TABUK</b> 40375 SEP 1999 2822N 03636E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>HAIL</b> 40394 SEP 1999 2726N 04141E OB 3								
030	24030	26	-55.0	32.0					030	23988	4	-55.1	31.8	4	96	94	14	030	23980	3	-54.8	32.3	3	97	93	13
050	20810	25	-61.9	28.5					050	20772	4	-62.2	28.8	6	73	60	8	050	20770	3	-62.5	29.5	3	96	99	10
100	16693	25	-76.7	20.0					100	16640	2	-76.0	16.3	7	71	214	8	100	16657	2	-78.0	15.9	2	74	175	7
150	14309	24	-64.6	22.6					150	14249	1	-64.6	18.5	5	93	229	18	150	14280	0	-65.4	18.2	1	82	217	11
200	12491	24	-50.0	27.8					200	12437	1	-51.3	21.8	2	94	236	18	200	12472	0	-51.4	22.1	0	89	227	12
300	9716	24	-29.0	35.8					300	9683	1	-31.1	28.4	5	93	236	14	300	9713	0	-30.2	30.3	0	88	239	8
500	5900	24	-8.8	14.8					500	5883	1	-7.2	23.0	7	77	216	8	500	5900	0	-8.6	9.0	0	64	227	4
700	3180	24	15.1	20.7					700	3165	1	12.9	20.6	8	65	223	6	700	3183	0	14.4	18.1	0	60	220	4
850	1492	24	31.0	33.1					850	1499	1	24.8	21.8	6	10	67	1	850	1500	0	29.5	28.3	0	10	359	1
963	* 358		39.1	36.7					924	* 768		26.0	19.0					899	*1013		34.5	29.5				

# UPPER AIR

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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	%	°	mps	hPa	gpm
<b>ASIA - SAUDI ARABIA MADINAH</b> 40430 SEP 1999 2433N 03942E OB 3									<b>ASIA - SAUDI ARABIA KING KHALED INT. AIRPORT</b> 40437 SEP 1999 2456N 04643E OB 3									<b>ASIA - IRAN, ISLAMIC REPUBLIC OF TABRIZ</b> 40706 SEP 1999 3805N 04617E OB 1																	
030	24008	27	-55.0						030	23945	2	-55.5	31.7	2	98	83	15	030									030								
050	20790	27	-62.0						050	20742	2	-63.2	27.5	2	98	90	11	050									050								
100	16682	26	-79.9						100	16657	1	-79.3	15.0	1	77	125	8	100	16569	6	-65.8	26.5	9	95	250	18	100	14096	4	-60.2	27.7	9	96	258	32
150	14313	26	-65.4						150	14288	1	-65.5	17.2	1	51	156	5	150	12265	4	-50.9	26.0	9	95	258	38	150	12265	4	-50.9	26.0	9	95	258	38
200	12500	26	-50.9						200	12478	1	-50.9	23.0	1	38	201	3	200	9548	3	-36.2	22.7	6	93	259	25	200	9548	3	-36.2	22.7	6	93	259	25
300	9732	26	-29.2						300	9712	1	-29.6	31.2	2	41	242	3	300	5810	3	-9.5	25.9	9	93	249	14	300	5810	3	-9.5	25.9	9	93	249	14
500	5917	26	-8.3	7.0					500	5882	1	-7.7	22.2	2	78	13	7	500	3130	3	8.1	10.5	6	74	237	4	500	3130	3	8.1	10.5	6	74	237	4
700	3187	26	15.9	19.5					700	3166	1	14.0	18.5	1	71	3	6	700	1495	3	17.8	11.7	5	84	90	4	700	1495	3	17.8	11.7	5	84	90	4
850	1497	26	30.6	28.5					850	1488	1	28.3	27.0	1	54	77	4	850	*1361		17.4	10.1					850	*1361		17.4	10.1				
935	* 636		36.8	26.8					938	* 612		30.1	29.8					863									863								
<b>ASIA - IRAN, ISLAMIC REPUBLIC OF KERMAN</b> 40841 SEP 1999 3015N 05658E OB 3									<b>ASIA - SAUDI ARABIA JEDDAH (KING ABDUL AZIZ INT.)</b> 41024 SEP 1999 2142N 03911E OB 3									<b>ASIA - KUWAIT KUWAIT INTERNATIONAL AIRPORT</b> 40582 SEP 1999 2913N 04759E OB 3																	
030	23979	7	-54.1						030	23942	1	-55.8	32.1	1	98	92	16	030	23996	4	-54.4	32.4	7	97	88	12									
050	20760	2	-60.9						050	20745	1	-62.7	28.8	1	97	99	12	050	20781	0	-62.1	30.3	0	91	88	7									
100	16624	1	-76.1						100	16647	0	-79.9	16.0	0	92	115	12	100	16666	0	-77.3	23.1	0	62	215	6									
150	14235	1	-64.8						150	14285	0	-65.9	17.5	0	84	135	10	150	14282	0	-64.5	26.6	0	89	251	12									
200	12422	0	-51.3						200	12482	0	-51.7	19.8	0	76	137	8	200	12469	0	-50.8	31.1	0	9	254	13									
300	9672	0	-31.1	39.3					300	9725	0	-30.1	24.8	3	65	133	4	300	9708	0	-30.3	38.3	0	91	262	10									
500	5861	0	-5.7	21.0					500	5903	0	-8.7	5.2	0	74	84	6	500	5892	0	-6.7	33.5	0	74	307	5									
700	3139	0	14.5	21.0					700	3182	0	15.0	18.3	5	49	52	3	700	3173	0	13.6	26.3	0	89	311	10									
823	*1754		14.9	16.6					850	1498	0	29.0	26.1	4	47	5	3	850	1502	0	26.8	25.5	0	85	327	9									
									1003	* 17		32.1	6.7					999	* 55		36.1	26.0													
<b>ASIA - UNITED ARAB EMIRATES ABU DHABI INTER. AIRPORT</b> 41217 SEP 1999 2426N 05439E OB 3									<b>ASIA - BANGLADESH DHAKA</b> 41923 SEP 1999 2346N 09023E OB /									<b>ASIA - BANGLADESH CHITTAGONG (AMBAGAN)</b> 41977 SEP 1999 2221N 09149E OB /																	
030	23943	4	-53.8		1	97	86	15	030									030																	
050	20752	0	-63.0		0	96	92	12	050									050																	
100	16668	0	-79.7		0	89	107	9	100	16655	3	-79.1		8	93	85	12	100	16562	27	-62.9		9	94	75	15									
150	14300	0	-65.4		0	51	125	4	150	14291	2	-66.6		6	79	71	8	150	14204	26	-66.3		9	91	40	14									
200	12490	0	-50.7	26.0	0	35	174	2	200	12489	2	-51.5		6	62	66	5	200	12397	26	-51.7	8.4	9	95	61	10									
300	9721	0	-28.8	32.2	0	38	274	2	300	9718	2	-28.2	7.1	7	68	93	5	300	9635	26	-29.8	9.9	9	88	103	10									
500	5874	0	-5.7	21.1	0	63	67	5	500	5858	2	-4.0	4.1	7	57	155	3	500	5809	26	-5.1	3.6	9	87	156	5									
700	3155	0	13.5	20.8	0	42	47	2	700	3124	0	10.7	3.3	5	80	167	4	700	3099	26	9.6	2.3	9	83	140	5									
850	1483	0	27.1	21.0	0	8	234	1	850	1475	0	18.8	2.5	5	86	165	5	850	1468	26	17.4	1.1	9	87	133	6									
1000	* 27		34.8	11.3					1005	* 9		26.4	1.4					1003	* 34		26.8	1.6													

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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
<b>ASIA - INDIA SRINAGAR</b> 42027 SEP 1999 3405N 07450E OB 3								<b>ASIA - INDIA NEW DELHI/SAFDARJUNG</b> 42182 SEP 1999 2835N 07712E OB 3								<b>ASIA - INDIA JODHPUR</b> 42339 SEP 1999 2618N 07301E OB 3												
030								030	24067	7	-54.1							030										
050	20912		-55.7					050	20847	3	-60.2							050										
100	16690		-70.9					100	16733	0	-77.0			4	19	181	2	100	16772	9	-76.1			9	93	106	7	
150	14274		-62.3					150	14314	0	-64.4			0	42	227	4	150	14376	4	-59.9			9	39	277	4	
200	12515		-49.5			86	262	16	200	12511	0	-49.9			0	53	239	4	200	12527	3	-47.7			9	80	284	5
300	9665		-27.9			89	261	17	300	9727	0	-27.7	12.1	0	45	233	3	300	9730	1	-26.5	7.3		9	63	273	3	
500	5843	0	-6.1	9.9		40	276	2	500	5857	0	-3.8	8.3	0	11	295	1	500	5855	1	-3.8	14.5		9	36	338	2	
700	3118	0	12.6	11.0	0	38	312	1	700	3114	0	10.6	4.4	0	66	335	4	700	3123	0	12.1	12.6		6	61	12	4	
837	*1587		24.4	11.4					850	1462	0	21.4	4.7	0	45	358	2	850	1466	0	23.5	12.7		3	53	358	3	
									973	* 216		27.4	4.9					978	* 224		31.8	12.2						
<b>ASIA - INDIA LUCKNOW/AMAUSI</b> 42369 SEP 1999 2645N 08053E OB 3								<b>ASIA - INDIA GAUHATI</b> 42410 SEP 1999 2606N 09135E OB 3								<b>ASIA - INDIA PATNA</b> 42492 SEP 1999 2536N 08506E OB 3												
030	24085	7	-52.5		0	94	85	12	030	24031	3	-55.7		3	93	85	16	030										
050	20815	3	-60.1		0	96	103	10	050	20821	3	-62.8		3	93	80	12	050										
100	16673	2	-77.5		0	67	80	5	100	16701	1	-78.1		1	84	75	8	100	16753	6	-76.9							
150	14313	1	-65.4		0	8	281	1	150	14323	1	-65.0		1	37	50	3	150	14353	1	-63.7							
200	12499	1	-50.0		0	23	278	2	200	12507	1	-50.0		1	15	15	1	200	12533	0	-48.6							
300	9709	1	-27.1	9.5	0	38	81	2	300	9721	1	-27.3	9.2	1	17	125	1	300	9731	0	-26.6	9.9						
500	5841	0	-3.0	9.6	0	59	117	4	500	5857	0	-3.4	6.5	0	35	150	2	500	5853	0	-2.6	10.1		5	86	106	2	
700	3100	0	11.2	7.2	0	62	92	4	700	3119	0	10.9	4.5	0	49	180	2	700	3107	0	11.7	6.6		4	80	111	5	
850	1448	0	20.6	6.2	0	76	95	5	850	1468	0	19.6	4.6	0	24	245	1	850	1454	0	20.2	5.5		0	83	113	6	
989	* 128		27.6	2.3					999	* 54		27.4	2.7					997	* 60		28.0	2.2						
<b>ASIA - INDIA CALCUTTA/DUM DUM</b> 42809 SEP 1999 2239N 08827E OB 3								<b>ASIA - INDIA NAGPUR SONEGAON</b> 42867 SEP 1999 2106N 07903E OB 3								<b>ASIA - INDIA BHUBANESWAR</b> 42971 SEP 1999 2015N 08550E OB 3												
030	24082	3	-54.1		3	99	91	20	030	24040	8	-54.3						030										
050	20829	1	-61.4		1	97	91	14	050	20800	5	-61.2						050										
100	16702	0	-78.2		0	98	84	14	100	16668	4	-78.4						100	16805	1	-77.6							
150	14327	0	-65.8		0	81	78	8	150	14304	2	-65.8						150	14392	0	-63.7							
200	12514	0	-50.0		0	72	91	6	200	12491	1	-49.8						200	12563	0	-48.4			4	88	76	9	
300	9731	0	-26.8	3.7	0	63	114	4	300	9705	1	-27.8	8.3					300	9763	0	-26.4	10.0		4	51	93	4	
500	5853	0	-2.5	6.5	0	39	159	3	500	5843	1	-3.5	4.2					500	5879	0	-3.2	8.4		2	36	233	3	
700	3108	0	12.0	5.9	0	68	180	4	700	3107	0	10.8	3.0					700	3107	0	11.8	5.7		0	52	228	3	
850	1452	0	20.3	4.0	0	81	179	6	850	1458	0	19.7	2.9	4	69	322	6	850	1468	0	20.6	3.3		0	40	243	2	
1002	* 6		27.3	1.6					969	* 310		25.4	2.3					997	* 46		27.4	1.5						

# UPPER AIR

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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
<b>ASIA - INDIA</b> <b>BOMBAY/SANTACRUZ</b> 43003 SEP 1999 1907N 07251E OB 3									<b>ASIA - INDIA</b> <b>CWC VISHAKHAPATNAM/WALTAIR</b> 43150 SEP 1999 1742N 08318E OB 3									<b>ASIA - INDIA</b> <b>GOA/PANJIM</b> 43192 SEP 1999 1529N 07349E OB 3										
030									030									030										
050									050									050										
100	16841	6	-73.8		6	98	93	19	100	16599	0	-79.3			0	98	89	21	100	16509	3	-79.2			9	87	97	23
150	14421	2	-61.1		2	98	96	22	150	14235	0	-65.6			0	97	79	18	150	14175	0	-68.8			9	99	92	27
200	12567	0	-47.0		0	98	93	15	200	12424	0	-50.7	9.0		0	95	83	13	200	12394	0	-53.8			9	98	91	19
300	9765	0	-25.3	8.5	0	92	84	7	300	9655	0	-28.8	10.3		0	80	107	6	300	9654	0	-30.2			9	92	90	8
500	5878	0	-2.4	10.1	0	21	357	1	500	5810	0	-4.0	11.0		0	19	240	2	500	5819	0	-5.0	10.3		9	43	305	2
700	3132	0	11.6	4.4	0	30	297	2	700	3081	0	10.5	6.0		0	56	276	5	700	3104	0	9.5	9.4		3	84	273	5
850	1479	0	19.5	1.4	0	64	282	4	850	1424	0	19.5	5.4		0	68	273	6	850	1471	0	18.0	4.3		3	91	287	6
1005	* 14		27.0	2.9					996	* 66		27.9	3.2					1000	* 60		26.6	2.2						
<b>ASIA - INDIA</b> <b>MADRAS/MINAMBakkam</b> 43279 SEP 1999 1300N 08011E OB 3									<b>ASIA - INDIA</b> <b>MANGALORE/PANAMBUR</b> 43285 SEP 1999 1257N 07450E OB 3									<b>ASIA - INDIA</b> <b>PORT BLAIR</b> 43333 SEP 1999 1140N 09243E OB 3										
030									030									030										
050									050									050	20749	8	-61.9			8	90	94	9	
100	16556	3	-77.9		3	99	83	22	100	16582	7	-77.5						100	16591									
150	14182	3	-62.7		3	99	78	29	150	14248	3	-66.8						150	14237	0	-67.1			0	89	79		
200	12408	3	-53.2		3	98	85	6	200	12445	1	-51.8						200	12442	0	-52.6			0	93	78	19	
300	9662	2	-31.2	13.5	3	99	96	9	300	9688	0	-29.9						300	9688	0	-30.1	6.9		0	92	81	9	
500	5842	2	-5.2	9.6	3	19	286	1	500	5850	0	-4.9	11.5					500	5847	0	-5.1	7.0		0	16	77	1	
700	3118	1	9.9	5.7	1	79	277	6	700	3133	0	9.4	8.5		3	62	277	3	700	3125	0	9.5	6.1		0	53	249	3
850	1475	1	19.3	7.7	1	90	279	7	850	1492	0	17.7	4.6		0	87	299	6	850	1482	0	18.5	3.3		0	79	250	9
1003	* 16		28.3	5.6					1005	* 31		26.0	2.5					999	* 79		26.2	2.0						
<b>ASIA - INDIA</b> <b>COCHIN/WILLINGDON</b> 43353 SEP 1999 0957N 07616E OB 3									<b>ASIA - INDIA</b> <b>MINICOY</b> 43369 SEP 1999 0818N 07309E OB 3									<b>ASIA - INDIA</b> <b>THIRUVANANTHAPURAM</b> 43371 SEP 1999 0829N 07657E OB 3										
030									030	23781	1	-58.1			1	81	92	7	030									
050	20657	3	-62.1						050	20609	1	-63.1			1	57	104	4	050									
100	16491	0	-75.4						100	16477	0	-76.9			0	93	93	19	100									
150	14144	0	-69.3						150	14122	0	-69.5			0	96	95	31	150									
200	12367	0	-54.7						200	12348	0	-55.1			0	95	100	21	200									
300	9643	0	-32.1						300	9633	0	-32.8	7.6		0	95	95	9	300	9649	10	-32.1			9	97	103	9
500	5831	0	-5.8	11.6					500	5831	0	-7.0	10.1		0	9	316	1	500	5839	10	-6.2			9	51	290	3
700	3120	0	8.9	7.5					700	3127	0	8.2	8.2		0	84	289	5	700	3125	10	10.1	9.7		9	90	287	8
850	1485	0	17.2	5.6					850	1493	0	17.5	6.0		0	82	313	5	850	1486	10	17.4	3.7		9	96	301	10
1008	* 3		27.4	3.5					1008	* 2		28.1	3.8					1001	* 64		27.0	3.6						

# UPPER AIR

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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 - HONG KONG, CHINA KING'S PARK 45004 SEP 1999 2219N 11410E OB 1									ASIA - REPUBLIC OF KOREA OSAN AB 47122 SEP 1999 3706N 12702E OB 3									ASIA - REPUBLIC OF KOREA POHANG 47138 SEP 1999 3602N 12923E OB 3								
030	23932	4	-55.7	29.7	4	99	91	18	030	24140	3	-52.1	14.6	5	89	94	5	030	24110	2	-53.0	16.9	2	89	61	5
050	20728	1	-63.7	27.3	1	98	87	15	050	20874	1	-58.1	11.4	2	15	127	1	050	20864	2	-59.3	12.8	2	45	35	2
100	16634	0	-78.1	13.8	0	94	69	13	100	16630	0	-69.3	8.9	0	90	262	15	100	16649	0	-71.6	9.4	0	89	265	13
150	14269	0	-66.2	13.6	0	60	93	6	150	14176	0	-62.5	10.1	0	89	256	26	150	14217	0	-63.8	10.4	0	91	260	23
200	12465	0	-51.7	13.0	0	40	106	3	200	12357	0	-51.8	11.3	0	87	256	27	200	12401	0	-51.8	11.9	0	88	255	25
300	9701	0	-29.1	12.6	0	44	88	3	300	9617	0	-32.3	11.7	0	88	257	23	300	9655	0	-31.4	13.8	0	92	258	21
500	5853	0	-4.2	9.0	0	53	79	4	500	5821	0	-7.3	12.1	0	89	253	12	500	5848	0	-6.7	12.2	0	88	258	11
700	3122	0	10.9	8.6	0	57	78	5	700	3123	0	7.5	11.4	0	63	255	5	700	3139	0	8.1	8.0	0	75	255	6
850	1476	0	18.3	3.9	0	58	81	5	850	1498	0	15.1	7.2	0	22	149	2	850	1509	0	15.8	8.4	0	14	43	1
999	* 66		26.3	3.7					1006	* 52		21.2	3.1					1013	* 6		22.5	2.9				
ASIA - REPUBLIC OF KOREA KWANGJU AB 47158 SEP 1999 3507N 12649E OB 3									ASIA - REPUBLIC OF KOREA CHEJU UPPER/RADAR 47185 SEP 1999 3317N 12610E OB 3									ASIA - JAPAN WAKKANAI 47401 SEP 1999 4525N 14141E OB 2								
030	24127	2	-52.1	16.5	2	90	83	6	030	24091	6	-53.5	18.0	7	95	86	8	030	24065	2	-52.0		3	77	279	4
050	20869	1	-58.8	13.4	2	62	88	3	050	20844	0	-60.1	13.0	1	80	90	5	050	20790	0	-56.3		0	90	271	7
100	16654	0	-71.2	9.8	0	85	265	10	100	16666	0	-73.5	9.3	1	63	264	6	100	16448	0	-60.8		0	96	264	24
150	14221	0	-63.9	10.9	0	85	258	21	150	14251	0	-64.4	10.8	0	75	259	14	150	13919	0	-57.9		0	95	265	38
200	12406	0	-51.8	12.2	0	85	253	22	200	12438	0	-51.5	12.5	0	76	253	15	200	12084	0	-52.4		0	95	261	45
300	9661	0	-31.3	12.4	0	86	254	18	300	9683	0	-30.4	13.9	0	77	252	12	300	9384	0	-37.2	10.3	0	93	258	39
500	5852	0	-6.5	15.8	0	87	253	10	500	5861	0	-5.6	12.9	0	71	257	6	500	5683	0	-13.7	13.9	0	90	264	22
700	3143	0	8.2	10.9	0	71	248	5	700	3144	0	9.4	8.4	0	58	235	4	700	3051	0	.8	13.8	0	82	260	12
850	1512	0	16.4	7.5	0	24	206	2	850	1504	0	17.7	6.4	0	29	182	2	850	1471	0	8.2	6.5	0	63	265	7
1011	* 13		22.5	3.0					1003	* 73		23.5	2.3					1011	* 11		17.9	5.4				
ASIA - JAPAN SAPPORO 47412 SEP 1999 4303N 14120E OB 2									ASIA - JAPAN NEMURO 47420 SEP 1999 4320N 14535E OB 2									ASIA - JAPAN AKITA 47582 SEP 1999 3943N 14006E OB 2								
030	24068	0	-52.6		2	66	295	2	030	24070	0	-52.2		0	67	291	2	030	24071	2	-53.2		2	48	55	2
050	20808	0	-57.5		3	87	278	5	050	20808	0	-57.7		0	89	276	5	050	20823	1	-59.0		1	64	278	3
100	16515	0	-65.0		4	97	268	23	100	16515	0	-64.6		0	95	267	23	100	16589	0	-68.3		0	94	264	19
150	14025	0	-60.2		5	97	270	37	150	14027	0	-60.4		0	95	268	36	150	14140	0	-62.9		0	95	265	30
200	12205	0	-53.1		4	95	262	42	200	12209	0	-53.1		0	95	265	41	200	12329	0	-52.8		0	93	260	33
300	9491	0	-35.1	7.3	2	93	258	35	300	9497	0	-35.0	5.7	0	95	261	36	300	9601	0	-33.1	5.8	0	93	254	26
500	5751	0	-11.1	13.1	0	91	259	21	500	5752	0	-11.2	13.8	0	95	262	22	500	5816	0	-8.3	13.1	0	94	256	18
700	3091	0	3.9	13.9	0	86	262	12	700	3093	0	3.6	12.8	0	87	261	12	700	3128	0	6.6	12.6	0	85	252	10
850	1492	0	10.3	6.3	3	64	264	6	850	1495	0	10.7	8.3	0	68	260	7	850	1511	0	14.3	6.8	0	74	235	6
1011	* 26		19.1	4.5					1010	* 39		17.5	3.1					1013	* 7		21.3	3.4				



# UPPER AIR

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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 - JAPAN WAJIMA 47600 SEP 1999 3723N 13654E OB 2							ASIA - JAPAN TATENO 47646 SEP 1999 3603N 14008E OB 2							ASIA - JAPAN HACHIJOJIMA/OMURE 47678 SEP 1999 3307N 13947E OB 2												
030	24069	0	-53.4		0	80	77	4	030	24066	2	-53.0		2	87	80	5	030	24055	2	-53.6		2	96	81	8
050	20827	0	-59.9						050	20827	2	-60.4		2	54	84	2	050	20820	0	-61.2		0	93	82	5
100	16626	0	-70.9		0	91	263	15	100	16643	0	-72.3		0	83	263	9	100	16666	0	-73.7		0	28	274	2
150	14200	0	-63.8		0	91	265	24	150	14229	0	-64.8		0	85	271	15	150	14264	0	-65.8		0	47	298	5
200	12392	0	-52.5		0	90	258	26	200	12426	0	-52.8		0	87	267	19	200	12467	0	-52.8		0	56	278	8
300	9653	0	-31.6	6.8	0	92	254	22	300	9685	0	-31.2	5.2	0	93	256	16	300	9721	0	-30.7	10.0	0	71	246	8
500	5847	0	-6.9	9.9	0	95	253	14	500	5873	0	-6.6	10.1	0	92	247	12	500	5897	0	-5.5	9.3	0	82	242	7
700	3144	0	7.9	10.2	0	88	241	9	700	3163	0	8.8	8.4	0	87	245	8	700	3180	0	9.6	6.3	0	70	236	6
850	1516	0	16.1	5.0	0	81	231	7	850	1528	0	16.9	4.1	1	65	215	4	850	1539	0	18.3	4.4	0	53	213	4
1012	* 14		22.2	1.3					1011	* 31		23.4	3.1					997	* 153		25.3	2.1				
ASIA - JAPAN YONAGO 47744 SEP 1999 3526N 13321E OB 2							ASIA - JAPAN SHIONOMISAKI 47778 SEP 1999 3327N 13546E OB 2							ASIA - JAPAN FUKUOKA 47807 SEP 1999 3335N 13023E OB 2												
030	24061	0	-53.4		0	92	77	6	030	24054	0	-53.3		1	99	83	7	030	24054	4	-53.8		4	96	82	7
050	20823	0	-60.2		0	69	88	3	050	20822	0	-60.5		0	89	88	5	050	20822	3	-60.6		4	81	86	4
100	16644	0	-72.4		0	85	259	10	100	16663	0	-73.6		0	49	261	3	100	16660	0	-74.0		0	70	259	6
150	14231	0	-64.6		0	86	267	19	150	14262	0	-65.6		0	69	286	8	150	14257	0	-64.7		0	74	263	13
200	12425	0	-52.2		0	87	260	21	200	12461	0	-52.6		0	76	265	10	200	12450	0	-51.7		0	79	254	16
300	9678	0	-30.8	7.5	0	88	252	16	300	9712	0	-30.4	8.7	0	83	246	9	300	9695	0	-30.2	8.0	0	79	243	12
500	5861	0	-6.2	10.8	0	91	245	11	500	5886	0	-5.6	7.6	0	82	236	8	500	5866	0	-5.5	8.7	0	70	239	7
700	3150	0	8.9	9.2	0	81	242	7	700	3170	0	9.6	8.1	0	73	231	6	700	3151	0	9.3	10.0	0	51	238	4
850	1516	0	16.8	5.4	0	48	213	3	850	1531	0	17.7	4.2	0	41	201	3	850	1513	0	17.8	6.9	0	44	193	3
1012	* 8		24.5	3.0					1006	* 75		25.4	2.6					1010	* 15		25.9	4.0				
ASIA - JAPAN KAGOSHIMA 47827 SEP 1999 3133N 13033E OB 2							ASIA - JAPAN NAZE/FUNCHATOGE 47909 SEP 1999 2823N 12933E OB 2							ASIA - JAPAN ISHIGAKIJIMA 47918 SEP 1999 2420N 12410E OB 2												
030	24037	4	-53.9		4	97	85	9	030	24009	3	-54.4		3	99	87	13	030	23973	4	-54.2		4	99	87	16
050	20813	2	-61.4		3	91	83	6	050	20793	2	-61.7		2	96	84	9	050	20763	3	-62.6		4	99	86	12
100	16669	0	-74.7		0	17	232	1	100	16664	0	-75.6		0	78	85	6	100	16645	0	-77.6		0	93	75	9
150	14275	0	-65.3		0	51	288	7	150	14281	0	-65.9		0	27	28	4	150	14275	0	-66.0		0	64	58	7
200	12470	0	-51.7		0	46	266	6	200	12476	0	-51.5		0	8	17	1	200	12471	0	-51.5		0	50	31	6
300	9711	0	-29.8	6.9	0	50	236	6	300	9716	0	-29.5	7.1	0	19	169	2	300	9709	0	-29.2	8.8	0	44	38	4
500	5878	0	-5.2	6.3	0	60	222	6	500	5879	0	-5.0	4.4	0	45	179	4	500	5866	0	-4.6	6.3	0	47	65	4
700	3158	0	10.1	8.0	0	40	208	4	700	3155	0	10.7	7.5	0	45	177	4	700	3139	0	10.6	6.3	0	34	70	3
850	1516	0	17.8	4.1	0	41	151	4	850	1510	0	18.4	5.4	0	52	145	5	850	1494	0	18.3	3.0	0	31	64	3
1008	* 31		27.4	4.2					977	* 295		24.7	1.8					1008	* 7		27.6	4.0				

# UPPER AIR

# SEPTEMBER 1999

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
<b>ASIA - JAPAN</b> <b>NAHA</b> 47936 SEP 1999 2612N 12741E OB 2									<b>ASIA - JAPAN</b> <b>MINAMIDAITOJIMA</b> 47945 SEP 1999 2550N 13114E OB 2									<b>ASIA - JAPAN</b> <b>CHICHIJIMA</b> 47971 SEP 1999 2705N 14211E OB 3								
030	23991	2	-54.2		2	99	87	14	030	23986	3	-54.7		3	99	87	15	030	24001	2	-54.1		2	99	86	14
050	20776	2	-62.0		2	97	85	11	050	20776	2	-62.2		2	98	86	12	050	20784	1	-61.9		1	99	82	11
100	16653	1	-76.4		1	90	81	8	100	16649	0	-76.3		0	93	76	9	100	16643	0	-75.1		0	93	81	9
150	14275	0	-65.9		0	40	70	5	150	14273	0	-66.1		0	59	43	7	150	14256	0	-66.8		0	69	84	7
200	12470	0	-51.5		0	36	91	4	200	12472	0	-52.1		0	38	46	4	200	12465	0	-53.6		0	36	97	4
300	9709	0	-29.4	7.4	0	27	122	3	300	9717	0	-30.0	6.9	0	37	152	3	300	9726	0	-31.2	10.1	0	50	91	5
500	5868	0	-4.8	6.9	0	46	140	4	500	5885	0	-5.1	5.1	0	63	148	5	500	5907	0	-5.8	9.0	0	67	106	5
700	3141	0	10.7	6.9	0	54	145	5	700	3159	0	10.6	5.4	0	57	147	5	700	3189	0	9.9	6.1	0	79	121	5
850	1496	0	18.6	5.5	0	51	142	4	850	1513	0	18.7	3.2	0	67	141	6	850	1547	0	18.2	4.3	0	77	138	5
1006	* 27		27.7	3.7					1008	* 20		27.8	3.7					1014	* 8		27.4	2.7				
<b>ASIA - JAPAN</b> <b>MINAMITORISHIMA</b> 47991 SEP 1999 2418N 15358E OB 3									<b>ASIA - THAILAND</b> <b>CHIANG MAI</b> 48327 SEP 1999 1847N 09859E OB 1									<b>ASIA - THAILAND</b> <b>UBON RATCHATHANI</b> 48407 SEP 1999 1515N 10452E OB 1								
030	23966	2	-54.3		5	99	85	17	030									030	23949	4	-53.4		6	99	91	15
050	20756	1	-61.9		1	99	86	12	050									050	20721	3	-60.7		5	98	84	11
100	16602	0	-73.9		0	96	80	11	100									100	16565	1	-77.8		2	99	79	18
150	14217	0	-67.2		0	78	76	11	150	14234	7	-67.5		9	85	70	11	150	14220	1	-68.6		2	95	70	15
200	12432	0	-54.6		0	63	71	9	200	12440	7	-52.5		8	90	75	11	200	12436	0	-53.2		1	94	66	11
300	9708	0	-32.4	9.9	0	77	85	9	300	9683	1	-29.5	6.9	1	86	75	6	300	9687	0	-30.3	36.7	0	87	70	6
500	5907	0	-6.3	12.4	0	82	99	7	500	5841	1	-5.1	4.1	1	34	70	2	500	5857	0	-5.3	9.1	0	31	97	2
700	3193	0	9.6	7.2	0	89	98	7	700	3118	1	9.7	2.8	1	11	350	1	700	3137	0	9.0	7.0	0	41	244	2
850	1554	0	17.8	4.4	0	89	104	6	850	1486	1	18.1	2.1	1	26	295	1	850	1499	0	17.8	16.1	0	58	239	3
1015	* 9		28.2	4.2					973	* 314		24.1	1.3					996	* 127		24.8	23.9				
<b>ASIA - THAILAND</b> <b>BANGKOK</b> 48455 SEP 1999 1344N 10034E OB 1									<b>ASIA - THAILAND</b> <b>SONGKHLA</b> 48568 SEP 1999 0712N 10036E OB 1									<b>ASIA - CHINA</b> <b>HAILAR</b> 50527 SEP 1999 4913N 11945E OB 3								
030									030									030	24300	7	-50.5		8	60	105	3
050	20663	7	-63.1		7	89	95	10	050									050	20999	5	-54.0		6	25	229	1
100	16548	0	-81.9		1	97	95	18	100	16518	1	-75.3		1	98	85	13	100	16582	3	-55.5	7.3	3	92	269	12
150	14199	0	-68.2		0	96	90	18	150	14154	0	-69.3		0	97	75	23	150	13987	1	-51.8	7.5	1	87	266	20
200	12408	0	-53.5		0	98	85	13	200	12395	0	-54.4		0	98	75	18	200	12113	1	-49.7	7.2	1	81	262	22
300	9666	0	-31.0	6.5	0	98	90	8	300	9663	0	-31.6	5.5	0	93	85	8	300	9413	0	-38.7	7.3	0	71	260	17
500	5842	0	-6.0	4.0	0	10	155	1	500	5847	0	-6.0	4.5	0	38	90	2	500	5707	0	-12.1	9.9	0	57	272	8
700	3129	0	8.6	3.8	0	45	290	3	700	3133	0	8.8	4.7	0	51	270	3	700	3057	0	2.9	7.3	0	50	270	5
850	1493	0	17.5	3.9	0	72	285	5	850	1497	0	17.7	3.5	0	71	265	5	850	1456	0	12.6	6.2	0	43	261	3
1009	* 20		25.4	1.4					1008	* 5		25.3	2.1					940	* 611		14.4	3.4				

# UPPER AIR

# SEPTEMBER 1999

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
<b>ASIA - CHINA</b> <b>URUMQI</b> 51463 SEP 1999 4347N 08737E OB 3									<b>ASIA - CHINA</b> <b>LANZHOU</b> 52889 SEP 1999 3603N 10353E OB 3									<b>ASIA - CHINA</b> <b>BEIJING</b> 54511 SEP 1999 3956N 11617E OB 3								
030	24075	6	-51.4		9	75	307	3	030	24028	4	-54.6		9	0	90	5	030	24102	5	-53.3		4	33	139	1
050	20805	5	-57.3		9	89	294	8	050	20813	4	-62.3		7	20	299	1	050	20854	2	-58.4		2	83	258	5
100	16488	3	-61.4	8.4	9	96	279	24	100	16650	1	-69.9		5	94	281	17	100	16579	2	-64.1	9.7	2	0	265	22
150	13952	2	-57.1	8.2	7	95	277	38	150	14188	1	-60.2	9.1	3	96	281	26	150	14066	2	-57.5	8.8	2	94	265	33
200	12113	0	-53.0	8.2	5	95	277	36	200	12356	1	-50.7	8.2	2	90	276	28	200	12230	1	-50.8	9.0	1	89	267	34
300	9443	0	-40.4	9.0	4	96	278	25	300	9611	0	-32.8	8.8	1	86	274	19	300	9513	0	-36.0	9.7	0	90	266	26
500	5754	0	-13.2	11.2	0	93	288	14	500	5823	0	-7.6	8.1	1	70	277	7	500	5775	0	-10.7	12.7	0	86	270	12
700	3108	0	3.8	10.5	0	63	306	5	700	3122	0	8.4	6.6	0	20	210	1	700	3112	0	4.4	10.3	0	67	270	6
850	1502	0	13.2	11.5	0	40	30	2	848	*1518		14.7	5.9					850	1505	0	13.2	7.8	0	57	263	4
911	* 919		13.2	8.8														1010	* 55		18.8	4.9				
<b>ASIA - CHINA</b> <b>LHASA</b> 55591 SEP 1999 2940N 09108E OB 3									<b>ASIA - CHINA</b> <b>KUNMING</b> 56778 SEP 1999 2501N 10241E OB 3									<b>ASIA - CHINA</b> <b>SHANGHAI</b> 58362 SEP 1999 3124N 12128E OB 3								
030	24028	6	-55.0		6	0	83	13	030	24009	2	-54.4		6	0	85	17	030	24077	8	-52.5		7	0	93	11
050	20828	5	-63.2		5	0	89	6	050	20806	1	-63.3		4	0	82	11	050	20837	6	-60.8		6	0	86	7
100	16737	4	-75.3		3	33	343	3	100	16708	0	-76.3		0	82	65	9	100	16685	5	-73.5		5	25	284	2
150	14324	3	-62.9		3	50	304	6	150	14311	0	-64.2		0	55	34	6	150	14271	4	-63.3	12.3	4	60	262	9
200	12500	2	-50.1	7.6	2	64	295	7	200	12496	0	-50.8	9.2	0	55	20	6	200	12455	3	-50.8	8.5	3	71	253	12
300	9715	1	-28.4	7.7	1	71	285	5	300	9729	0	-29.0	11.1	0	43	39	3	300	9703	0	-30.4	9.3	0	69	254	9
500	5861	0	-3.7	3.6	0	60	236	3	500	5875	0	-4.2	7.6	0	0	321	0	500	5873	0	-4.8	9.1	0	86	264	6
656	*3650		8.9	2.1					700	3147	0	9.7	3.2	0	40	167	2	700	3148	0	10.2	9.3	0	33	266	2
									812	*1892		16.7	3.0					850	1508	0	17.1	5.4	0	29	1	2
																		1011	* 4		24.8	2.4				
<b>AFRICA - CAPE VERDE</b> <b>SAL ISLAND</b> 08594 SEP 1999 1644N 02257W OB 2									<b>AFRICA - MOROCCO</b> <b>CASABLANCA</b> 60155 SEP 1999 3334N 00740W OB 1									<b>AFRICA - NIGER</b> <b>NIAMEY-AERO</b> 61052 SEP 1999 1329N 00210E OB 2								
030									030	24058	16	-53.6	33.1	9	95	79	9	030								
050	20697	1	-62.0		2	99	80	23	050	20817	9	-59.7	31.2	9	66	89	5	050								
100	16565	1	-76.6		1	86	90	12	100	16559	2	-66.6	27.7	3	78	249	7	100	16572	6	-76.6					
150	14189	1	-68.4		1	69	155	9	150	14093	1	-62.5	25.8	2	90	258	19	150	14213	1	-67.9					
200	12407	1	-54.2		1	53	145	8	200	12291	0	-54.9	19.7	2	80	259	18	200	12426	1	-53.7					
300	9687	0	-30.0	16.0	0	45	140	5	300	9601	0	-36.5	18.2	2	75	258	15	300	9689	1	-31.6	16.5				
500	5886	0	-9.9	7.6	0	93	80	16	500	5853	0	-8.8	23.6	3	82	252	11	500	5881	1	-7.0	10.9				
700	3180	0	9.6	1.0	0	84	160	21	700	3160	0	9.1	22.1	6	94	239	10	700	3177	1	10.3	8.1				
850	1534	0	19.8	9.3	2	90	80	16	850	1528	0	17.0	16.5	5	75	233	4	850	1526	1	19.7	7.8				
1007	* 57		28.2	6.3					1009	* 62		21.6	2.4					987	* 227		28.3	5.4				

# UPPER AIR

# SEPTEMBER 1999

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
<b>AFRICA - SENEGAL</b> <b>DAKAR/YOFF</b> 61641 SEP 1999 1444N 01730W OB 3								<b>AFRICA - OCEAN ISLANDS (UK)</b> <b>ST. HELENA IS.</b> 61901 SEP 1999 1556S 00504W OB 3								<b>AFRICA - OCEAN ISLANDS (FRANCE)</b> <b>PORT-AUX-FRANCAIS (ILES KERG)</b> 61998 SEP 1999 4921S 07015E OB 2												
030								030	23852	11	-55.8			9	68	90	3	030	23721	2	-47.2			9	96	265	38	
050								050	20659	9	-63.8			9	63	233	2	050	20359	3	-50.0			7	96	267	39	
100	16570	5	-77.2	14.8	9	85	100	8	100	16535	8	-74.9			8	81	286	5	100	15870	2	-53.4			2	98	261	42
150	14210	0	-68.5	13.8	9	74	115	8	150	14146	8	-67.0			8	95	291	9	150	13263	2	-53.9			2	97	260	44
200	12427	0	-54.0	14.8	9	61	110	6	200	12368	8	-55.8			8	94	294	10	200	11424	2	-55.1			2	93	258	43
300	9694	0	-31.6	15.7	9	46	100	4	300	9660	8	-33.7	22.0		8	88	290	8	300	8813	2	-49.2			2	87	256	39
500	5883	0	-6.8	9.4	9	85	95	8	500	5871	8	-6.2	37.8		8	62	295	3	500	5304	2	-27.3	15.4		2	87	258	28
700	3176	0	9.9	8.7	9	93	95	12	700	3170	8	9.0	26.2		8	39	311	2	700	2806	2	-12.7	12.2		3	89	256	21
850	1530	0	19.9	8.9	9	76	105	8	850	1539	8	15.2	20.6		8	77	116	3	850	1304	2	-5.3	5.3		3	85	260	17
1009	* 24		28.2	5.4					970	* 436		17.0	3.6						997	* 30		3.8	4.7					
<b>AFRICA - EGYPT</b> <b>MERSA MATRUH</b> 62306 SEP 1999 3120N 02713E OB 3								<b>AFRICA - EGYPT</b> <b>HELWAN</b> 62378 SEP 1999 2952N 03120E OB 3								<b>AFRICA - EGYPT</b> <b>ASSWAN</b> 62414 SEP 1999 2358N 03247E OB 3												
030									030									030	24045	8	-53.2			8	99	95	15	
050	20881	15	-59.6	19.3	9	94	88	7	050	20860	2	-59.5	21.9	4	95	95	7	050	20815	3	-61.0			3	98	90	11	
100	16646	8	-70.0	18.6	8	94	248	12	100	16649	0	-72.6	20.1	0	89	241	9	100	16630	0	-75.1			0	0	140	6	
150	14205	0	-61.9	18.8	1	95	247	23	150	14233	0	-63.2	21.3	0	95	244	19	150	14252	0	-65.9			0	86	205	5	
200	12374	0	-50.9	19.0	0	95	252	25	200	12413	0	-50.6	22.1	0	96	246	20	200	12450	0	-52.0	20.5		0	64	230	4	
300	9645	0	-34.8	19.2	0	82	266	14	300	9662	0	-32.5	23.0	0	92	250	14	300	9705	0	-31.7	21.5		0	98	250	7	
500	5873	0	-6.8	24.4	0	81	280	9	500	5874	0	-6.2	29.0	0	76	265	6	500	5888	0	-6.2	28.4		0	14	270	1	
700	3164	0	9.8	22.6	0	82	305	9	700	3154	0	11.1	29.4	0	70	306	5	700	3174	0	12.2	23.8		0	46	340	3	
850	1524	0	18.6	15.0	0	70	311	5	850	1510	0	19.2	16.2	0	70	358	5	850	1508	0	26.2	32.7		0	90	25	7	
1010	* 29		26.5	7.5					995	* 141		27.9	13.2					986	* 194		27.4	23.8						
<b>AFRICA - SEYCHELLES</b> <b>SEYCHELLES INT. AIRPORT</b> 63985 SEP 1999 0440S 05532E OB 3								<b>AFRICA - CENTRAL AFRICAN REPUBLIC</b> <b>BANGUI</b> 64650 SEP 1999 0424N 01831E OB /								<b>AFRICA - CHAD</b> <b>NDJAMENA</b> 64700 SEP 1999 1208N 01502E OB /												
030	23828	2	-58.5	29.8	2	94	271	14	030									030										
050	20659	0	-63.8	28.7	0	97	271	16	050									050	20690	13	-62.8	28.3			11			
100	16533	0	-76.2	15.6	0	12	149	1	100	16551	10	-76.0						100	16562	3	-76.4	12.1	9	94	90	14		
150	14153	0	-66.4	14.4	0	86	79	13	150	14184	6	-68.6						150	14207	1	-68.2	11.4	9	88	100	13		
200	12372	0	-55.2	12.5	0	92	82	15	200	12407	6	-54.3						200	12424	0	-53.9	11.0	3	83	90	11		
300	9652	0	-32.6	10.9	0	73	88	5	300	9674	6	-32.0	9.6					300	9689	0	-31.6	9.9	4	88	90	8		
500	5844	0	-6.3	13.8	0	36	113	2	500									500	5878	0	-7.1	6.2	5	86	80	9		
700	3138	0	9.0	11.6	0	41	261	3	700	3156	6	9.0	6.4					700	3172	0	10.3	9.0	3	91	80	13		
850	1503	0	16.6	4.1	0	88	128	5	850	1516	6	18.6	6.5					850	1520	0	21.1	8.7	4	69	80	5		
1010	* 4		26.7	3.4					971	* 366		24.9	3.2					977	* 295		27.1	4.1						

# UPPER AIR

# SEPTEMBER 1999

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
<b>AFRICA - CAMEROON</b> DOUALA R.S. 64910 SEP 1999 0401N 00942E OB /									<b>AFRICA - SOUTH AFRICA</b> IRENE 68263 SEP 1999 2555S 02813E OB 3									<b>AFRICA - SOUTH AFRICA</b> UPINGTON 68424 SEP 1999 2825S 02116E OB 3											
030									030	23899	9	-54.1			9	97	91	12	030	23919	6	-53.2							
050									050	20662	7	-59.8			9	62	90	4	050	20665	5	-58.3							
100	16563	11	-75.9			9	190	8	100	16456	7	-69.2			9	85	266	13	100	16422	3	-67.0							
150	14185	9	-67.8			9	120	14	150	13998	4	-62.4			9	86	261	23	150	13950	3	-61.6			9	97	261	21	
200	12390	9	-54.8			9	60	12	200	12203	3	-55.8	21.0		9	87	263	30	200	12146	1	-55.5	20.5		9	98	244	16	
300	9670	7	-31.9	7.6					300	9529	3	-38.7	21.4		9	86	254	19	300	9486	0	-39.9	18.3		9	89	248	15	
500	5880	3	-6.3	3.5	3		70	5	500	5819	3	-11.3	24.8		8	78	268	11	500	5797	0	-12.9	27.8		9	82	268	9	
700	3151	1	8.5	3.8	1		100	5	700	3151	3	5.7	15.7		9	59	276	5	700	3144	0	4.2	24.7		9	60	306	5	
850	1519	1	16.9	2.4	1		240	2	850	1561	13	13.4	15.1		9	41	148	3	850	1538	0	14.2	20.8		7	56	312	4	
1011	* 15		27.6	3.6					851	*1523		11.5	10.3						922	* 839		22.7	25.1						
<b>AFRICA - SOUTH AFRICA</b> SPRINGBOK 68512 SEP 1999 2967S 01790E OB									<b>AFRICA - SOUTH AFRICA</b> DE AAR 68538 SEP 1999 3065S 02400E OB 3									<b>AFRICA - SOUTH AFRICA</b> DURBAN INTNL. AIRPORT 68588 SEP 1999 2997S 03095E OB 3											
030	23932	7	-52.7						030	23922	7	-52.6							030	23965	12	-50.0							
050	20672	1	-58.2			9	135	8	050	20657	5	-57.8			9		135	8	050	20698	8	-57.5							
100	16400	0	-65.4			9	210	12	100	16385	1	-65.5			9	97	263	19	100	16421	5	-66.0							
150	13918	0	-62.0			9	200	30	150	13895	1	-60.3			9	96	259	23	150	13940	1	-60.9							
200	12116	0	-55.6	20.6		9	200	28	200	12086	1	-55.6	20.1		9	97	258	25	200	12132	1	-55.9	15.3						
300	9451	0	-39.9	19.2	9		185	48	300	9427	0	-41.0	17.4		9	96	258	21	300	9471	1	-40.6	16.1						
500	5767	0	-13.2	30.3	9		190	35	500	5760	0	-14.4	23.0		9	84	266	12	500	5793	1	-13.3	25.5						
700	3121	0	3.9	29.9	9		220	20	700	3125	0	2.9	20.4		7	66	301	6	700	3146	1	4.1	15.2						
850	1521	0	11.7	21.3	9		255	13	850	1524	0	15.0	19.1		1	60	319	4	850	1539	1	13.0	12.5						
904	*1007		10.2	10.5					874	*1287		18.9	21.9						1017	* 14		16.7	3.2						
<b>AFRICA - SOUTH AFRICA</b> CAPE TOWN INTNL. AIRPORT 68816 SEP 1999 3397S 01860E OB 3									<b>AFRICA - SOUTH AFRICA</b> PORT ELIZABETH 68842 SEP 1999 3398S 02562E OB 3									<b>AFRICA - SOUTH AFRICA</b> GOUGH ISLAND 68906 SEP 1999 4021S 00953W OB 3											
030	23944	4	-51.0			9	38	8	3	030	23953	5	-51.3							030	23873	7	-50.2			9	96	279	18
050	20658	1	-55.7			7	84	310	9	050	20666	3	-56.0							050	20556	3	-53.4			7	93	278	19
100	16317	1	-61.5			8	97	275	23	100	16331	0	-61.6							100	16139	2	-57.9			5	94	272	28
150	13795	1	-59.1			7	94	274	34	150	13810	0	-59.1							150	13579	2	-57.2			6	92	268	34
200	11978	1	-55.5	18.9		8	91	273	36	200	11994	0	-56.3	18.4						200	11754	2	-54.9	19.6		6	89	269	36
300	9330	1	-42.7	14.9	5		87	278	31	300	9349	0	-42.7	13.6						300	9128	2	-46.1	16.5		4	88	275	36
500	5692	1	-16.6	18.0	3		84	286	20	500	5707	0	-16.2	19.9						500	5558	2	-22.4	17.4		3	88	273	25
700	3082	1	-1	22.4	5		81	290	11	700	3088	0	1.0	19.6						700	3005	2	-6.6	24.1		3	89	276	18
850	1506	1	7.7	17.5	4		49	277	4	850	1502	0	9.8	12.4						850	1468	2	.3	11.2		5	87	270	14
1013	* 46		11.0	2.2					1009	* 69		12.4	2.7						1011	* 54		8.8	4.0						

# UPPER AIR

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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
<b>AFRICA - SOUTH AFRICA</b> MARION ISLAND 68994 SEP 1999 4653S 03752E OB 3									<b>N AMERICA - USA (ALASKA)</b> KOTZEBUE, RALPH WIEN 70133 SEP 1999 6652N 16238W OB 3									<b>N AMERICA - USA (ALASKA)</b> NOME 70200 SEP 1999 6430N 16526W OB 3								
030	23810	11	-46.7		9	99	278	41	030	23914	1	-51.6	24.2	1	94	244	8	030	23949	8	-50.2	23.9	7	90	246	7
050	20448	4	-51.0		9	97	277	35	050	20598	1	-51.1	24.3	1	89	236	7	050	20615	7	-50.3	23.5	7	83	239	6
100	15981	1	-54.0		9	96	279	36	100	16082	0	-49.9	24.5	0	73	230	5	100	16097	6	-50.0	22.6	7	63	253	4
150	13378	1	-53.7		9	97	279	40	150	13434	0	-50.4	23.6	0	56	242	5	150	13448	6	-50.6	20.9	6	53	266	4
200	11533	1	-54.9	26.1	9	91	280	42	200	11563	0	-52.0	17.9	0	48	248	5	200	11576	6	-51.9	14.0	6	39	290	4
300	8919	1	-48.4	19.2	9	85	274	41	300	8952	0	-49.5	7.9	0	27	243	5	300	8958	6	-49.6	6.9	6	24	313	5
500	5395	1	-25.4	16.1	9	88	274	31	500	5427	0	-25.1	9.5	1	22	238	2	500	5431	5	-24.6	8.8	5	14	284	2
700	2875	1	-9.6	16.2	9	90	273	19	700	2902	0	-9.2	8.8	1	36	191	3	700	2900	5	-8.6	7.6	5	16	191	2
850	1354	1	-2.4	7.5	9	69	272	11	850	1376	0	-.5	5.5	1	29	171	2	850	1371	5	-.9	4.6	5	28	129	2
1003	* 21		4.4	4.0					1007	* 5		8.4	3.7					1006	* 7		5.4	2.2				
<b>N AMERICA - USA (ALASKA)</b> ANCHORAGE/INT. 70273 SEP 1999 6110N 15001W OB 3									<b>N AMERICA - USA (ALASKA)</b> YAKUTAT 70361 SEP 1999 5931N 13940W OB 3									<b>N AMERICA - USA (ALASKA)</b> SHEMYA AFB 70414 SEP 1999 5243N 17406E OB 3								
030	23984	3	-51.6	24.3	3	91	251	7	030	24032	9	-51.2	20.1	9	93	271	5	030								
050	20666	3	-51.0	24.6	3	92	242	7	050	20714	9	-51.5	20.1	9	90	256	8	050								
100	16149	3	-50.1	24.6	5	88	239	9	100	16204	5	-51.8	19.7	7	87	249	12	100								
150	13501	3	-49.8	23.4	5	83	244	10	150	13577	4	-50.8	19.2	6	73	248	14	150								
200	11621	3	-50.6	18.2	5	69	241	10	200	11704	5	-51.0	15.6	6	80	243	20	200								
300	8997	3	-49.6	6.2	4	37	250	8	300	9061	4	-47.2	7.1	4	70	241	23	300	9077	13	-45.7					
500	5460	3	-23.5	7.9	3	33	208	4	500	5504	2	-22.9	6.9	3	74	233	12	500	5496	6	-21.8	9.8				
700	2920	3	-8.2	2.8	3	43	163	4	700	2957	3	-7.2	6.6	3	59	201	6	700	2940	6	-6.5	8.8				
850	1385	3	1.5	4.2	3	30	125	3	850	1421	2	.5	1.4	5	71	156	7	850	1398	6	1.5	5.6				
1002	* 40		7.9	2.0					1010	* 9		7.3	.8					1006	* 31		7.7	3.2				
<b>N AMERICA - USA</b> SHREVEPORT/REG., LA. 72248 SEP 1999 3228N 09347W OB 2									<b>N AMERICA - USA</b> NEWPORT, NC 72305 SEP 1999 3447N 07653W OB 2									<b>N AMERICA - USA</b> NASHVILLE/OLD HICKORY, TN. 72327 SEP 1999 3615N 08634W OB 3								
030	23970	12	-55.4	25.1					030	23994	9	-53.8	24.7	9	87	85	6	030	24070	8	-53.5	16.9	8	90	79	6
050	20757	10	-61.1	23.0	9	93	89	7	050	20770	8	-61.2	20.3	7	89	79	6	050	20822	8	-58.4	14.5	8	70	97	4
100	16556	5	-71.1	14.1	6	80	269	8	100	16561	4	-70.2	12.8	5	65	237	5	100	16550	3	-66.8	11.4	3	88	261	10
150	14129	5	-63.7	16.2	6	85	267	15	150	14129	3	-63.6	12.8	4	85	249	14	150	14076	3	-60.9	12.7	3	91	261	20
200	12324	5	-53.7	17.1	6	79	274	17	200	12322	4	-53.2	13.1	3	79	245	21	200	12256	3	-53.0	14.1	3	86	262	21
300	9613	5	-35.1	13.6	5	79	280	12	300	9598	3	-33.5	11.3	3	83	238	18	300	9553	3	-37.0	15.5	3	83	270	15
500	5844	4	-8.0	21.0	4	68	283	6	500	5815	3	-7.8	13.4	3	62	240	8	500	5821	2	-10.1	20.5	2	68	266	7
700	3154	4	7.4	12.0	5	36	292	3	700	3121	3	7.3	13.9	3	34	232	4	700	3148	1	5.6	19.5	1	56	282	5
850	1528	4	16.1	12.3	6	0	79	0	850	1498	3	14.7	7.6	3	4	289	1	850	1536	1	13.9	9.5	1	32	290	3
1005	* 79		18.7	2.8					1011	* 11		20.0	1.6					996	* 180		16.3	3.7				

# UPPER AIR

# SEPTEMBER 1999

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
<b>N AMERICA - USA</b> <b>STERLING, VA.</b> 72403 SEP 1999 3859N 07728W OB 3									<b>N AMERICA - USA</b> <b>NORTH PLATTE/LEE BIRD, NE.</b> 72562 SEP 1999 4108N 10041W OB 3									<b>N AMERICA - USA</b> <b>MEDFORD/MEDFORD- JACKSON COU</b> 72597 SEP 1999 4222N 12252W OB 3									
030	24021	7	-54.8	23.5	7	75	74	4	030	24002	15	-54.4	25.6						030	24033	5	-55.2	13.7	5	57	21	2
050	20793	6	-60.9	21.3	6	67	101	3	050	20771	12	-58.7	23.3						050	20801	5	-59.0	12.1	8	65	1	2
100	16534	2	-66.0	17.6	2	87	236	10	100	16473	2	-63.1	19.5	2	84	275	12	100	16497	3	-63.4	10.9	6	86	279	8	
150	14055	2	-61.1	17.6	2	93	247	20	150	13959	1	-59.8	18.0	1	86	274	22	150	13997	3	-60.0	11.5	6	74	285	12	
200	12237	2	-53.1	15.9	2	88	239	23	200	12140	1	-54.6	14.7	1	84	277	24	200	12182	3	-54.8	12.0	3	69	305	14	
300	9536	2	-36.1	14.0	2	76	235	15	300	9471	1	-39.6	14.4	1	78	277	19	300	9517	2	-39.5	15.2	3	56	318	11	
500	5800	2	-10.3	20.8	2	52	245	7	500	5772	1	-12.7	16.9	1	77	273	12	500	5805	2	-10.9	25.4	2	65	311	8	
700	3127	2	5.1	19.7	2	28	255	3	700	3119	1	4.8	13.9	1	75	278	8	700	3132	2	6.6	21.9	2	47	299	4	
850	1519	2	12.6	10.5	2	14	349	2	850	1510	1	13.0	10.4	4	22	302	2	850	1513	2	14.8	18.0	3	38	105	2	
1006	* 98		15.4	1.4					920	* 849		8.6	1.7					970	* 405		11.9	5.6					
<b>N AMERICA - USA</b> <b>CHANHASSEN, MN</b> 72649 SEP 1999 4451N 09334W OB 2									<b>N AMERICA - USA</b> <b>INT. FALLS/FALLS INT. MN.</b> 72747 SEP 1999 4834N 09323W OB 3									<b>N AMERICA - USA</b> <b>BISMARCK/MUN., ND.</b> 72764 SEP 1999 4646N 10045W OB 3									
030	24070	9	-53.7	24.8	9	47	251	2	030	24044	7	-54.3	24.7	7	76	264	4	030	24016	9	-53.9	14.1					
050	20816	9	-57.1	23.8	9	44	221	2	050	20783	6	-56.1	24.2	6	73	259	4	050	20760	9	-56.5	12.8					
100	16444	8	-59.5	22.0	8	80	262	11	100	16373	3	-55.7	23.2	3	79	262	10	100	16385	4	-57.5	12.2	8	77	267	10	
150	13891	8	-56.6	20.7	9	79	272	18	150	13785	3	-54.0	22.0	3	72	266	15	150	13815	3	-55.8	12.0	7	54	262	12	
200	12052	7	-53.1	16.1	7	72	268	21	200	11934	2	-51.5	18.2	3	69	268	19	200	11981	3	-53.6	11.0	8	64	256	17	
300	9370	6	-41.3	12.3	7	65	271	18	300	9266	2	-42.4	11.7	3	54	278	15	300	9319	3	-42.2	10.3	9	65	260	15	
500	5694	4	-14.9	15.0	4	67	277	13	500	5628	2	-17.2	11.9	2	69	270	12	500	5672	3	-16.2	10.4	6	70	274	11	
700	3070	4	.6	12.5	4	61	274	9	700	3024	2	-1.5	10.1	2	68	275	9	700	3056	2	-.5	9.9	5	69	290	8	
850	1486	4	9.0	8.3	4	69	279	8	850	1454	2	6.3	5.3	2	74	285	6	850	1480	2	8.0	6.7	6	54	303	5	
981	* 287		10.8	3.1					970	* 361		8.0	1.2					956	* 506		8.4	2.5					
<b>N AMERICA - USA</b> <b>GREAT FALLS, MT</b> 72776 SEP 1999 4728N 11123W OB 2									<b>N AMERICA - USA</b> <b>SPOKANE, WA</b> 72786 SEP 1999 4741N 11738W OB									<b>N AMERICA - CANADA</b> <b>NORMAN WELLS UA, N.W.T.</b> 71043 SEP 1999 6517N 12645W OB 3									
030	23963	8	-55.5	13.4	9	70	333	3	030	24029	12	-54.8	12.1	9	48	340	2	030	23994	2	-52.2	30.7	3	94	280	7	
050	20727	8	-58.0	12.5	9	62	309	3	050	20780	11	-56.9	11.5	9	74	306	4	050	20683	2	-51.4	31.0	2	92	272	7	
100	16366	4	-58.6	11.7	6	87	291	12	100	16410	10	-59.4	10.3	9	91	289	11	100	16164	2	-49.8	31.4	2	89	261	9	
150	13811	3	-56.2	11.7	6	74	290	15	150	13865	9	-57.3	10.6					150	13511	2	-49.8	29.5	2	86	264	11	
200	11973	3	-54.0	10.6	6	67	290	18	200	12033	6	-53.9	11.2	9	76	289	15	200	11630	2	-50.5	20.4	2	84	261	14	
300	9323	3	-42.7	10.2	4	60	289	18	300	9373	5	-42.1	12.8	7	76	300	19	300	9001	2	-49.0	6.8	2	74	260	16	
500	5686	2	-16.7	11.3	2	77	289	12	500	5711	4	-15.3	17.7	5	84	284	14	500	5474	1	-23.7	10.7	2	80	269	11	
700	3073	2	.4	9.6	2	77	286	7	700	3092	3	.3	15.6	5	78	280	6	700	2935	1	-8.0	5.0	2	80	273	8	
850	1485	2	10.6	10.9	6		253	5	850	1506	3	10.9	14.2	8		295	2	850	1397	1	1.7	5.7	2	63	284	5	
887	*1131		6.4	5.3					933	* 728		7.5	7.5					1001	* 95		4.4	2.4					

# UPPER AIR

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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
<b>N AMERICA - CANADA</b> HALL BEACH UA, N.W.T. 71081 SEP 1999 6846N 08113W OB 3									<b>N AMERICA - CANADA</b> ALERT UA, N.W.T. 71082 SEP 1999 8230N 06220W OB 3									<b>N AMERICA - CANADA</b> PORT HARDY UA, B.C. 71109 SEP 1999 5041N 12722W OB 3								
030	23907	0	-53.8	31.4	2	79	303	5	030	23856	0	-53.4	30.5	2	27	219	1	030	24061	1	-54.2	30.0	1	62	329	3
050	20617	0	-52.3	31.6	3	82	291	5	050	20560	0	-52.1	30.8	2	24	185	1	050	20800	1	-55.8	29.5	2	85	285	5
100	16097	0	-48.9	32.4	2	75	285	8	100	16033	0	-48.1	30.7	1	39	177	2	100	16402	1	-57.5	27.3	0	92	273	15
150	13427	0	-47.5	32.5	2	76	281	10	150	13351	0	-46.9	29.9	1	22	138	1	150	13842	1	-56.9	22.1	1	87	275	23
200	11521	0	-47.1	29.5	3	75	284	12	200	11445	0	-47.3	25.4	1	25	142	2	200	12016	1	-54.6	15.2	1	84	279	27
300	8863	0	-49.2	10.8	2	69	281	16	300	8808	0	-51.8	6.3	3	13	118	2	300	9355	1	-41.5	11.5	0	83	280	27
500	5363	0	-27.5	10.4	1	58	281	9	500	5325	0	-28.4	7.6	1	5	117	1	500	5694	1	-16.0	15.9	1	81	269	15
700	2866	0	-12.6	7.9	2	51	279	5	700	2841	0	-13.9	6.1	1	19	236	1	700	3081	1	-.8	15.1	1	65	271	7
850	1362	0	-5.9	5.8	2	38	290	3	850	1346	0	-8.3	6.2	1	36	270	2	850	1507	1	7.0	12.0	1	42	278	3
1009	* 6		-.3	1.7					1007	* 65		-9.6	1.9					1017	* 17		9.7	1.3				
<b>N AMERICA - CANADA</b> EDMONTON STONY PLAIN, ALTA 71119 SEP 1999 5332N 11406W OB 3									<b>N AMERICA - CANADA</b> SABLE ISLAND, N.S. 71602 SEP 1999 4356N 06001W OB 3									<b>N AMERICA - CANADA</b> YARMOUTH, N.S. 71603 SEP 1999 4352N 06606W OB 3								
030	24026	0	-54.2	31.6	1	68	338	4	030	24009	0	-56.0	30.0	0	60	51	3	030	24114	5	-53.9	16.1	6	67	34	3
050	20755	0	-54.8	30.9	1	79	303	6	050	20792	0	-60.1	29.1	0	25	17	1	050	20873	4	-58.4	13.1	7	13	53	1
100	16322	0	-54.6	28.2	1	87	287	13	100	16527	0	-65.5	21.2	0	76	271	9	100	16565	3	-63.2	10.5	3	80	255	10
150	13724	0	-53.7	23.2	1	85	290	18	150	14053	0	-62.4	17.6	1	74	264	15	150	14066	3	-60.5	10.5	4	84	251	18
200	11873	0	-53.5	17.3	2	78	294	20	200	12249	0	-54.8	16.2	0	66	265	16	200	12254	4	-53.5	11.1	3	82	256	20
300	9233	0	-45.0	9.9	1	71	299	17	300	9553	0	-36.5	17.2	0	62	262	13	300	9541	3	-36.1	13.0	2	79	247	16
500	5625	0	-19.2	12.6	1	80	295	13	500	5811	0	-10.2	19.1	0	63	261	9	500	5797	3	-9.8	14.4	2	72	247	11
700	3043	0	-3.3	7.0	1	78	291	8	700	3139	0	5.4	19.2	0	53	255	7	700	3123	2	5.5	14.4	1	65	240	8
850	1475	0	7.7	10.3	2	63	302	5	850	1531	0	12.1	13.5	0	44	255	5	850	1513	2	11.9	8.6	1	60	229	6
926	* 766		6.3	2.2					1018	* 4		19.3	2.9					1012	* 9		16.5	1.3				
<b>N AMERICA - CANADA</b> MANIWAKI, QUE. 71722 SEP 1999 4623N 07558W OB 3									<b>N AMERICA - CANADA</b> ST. JOHN'S UA, NLFD 71801 SEP 1999 4737N 05245W OB 3									<b>N AMERICA - CANADA</b> SEPT-ILES UA, QUE. 71811 SEP 1999 5013N 06615W OB 3								
030	24046	1	-55.5	27.4	1	30	299	1	030	24046	17	-55.2	27.3		31	4	2	030	24043	0	-55.6	26.8	1	63	284	3
050	20807	1	-57.8	26.4	0	55	243	3	050	20813	17	-58.7	26.0		71	317	4	050	20809	0	-57.4	26.2	1	75	278	5
100	16459	0	-60.3	23.6	0	92	240	13	100	16498	2	-61.7	21.5	3	86	285	13	100	16448	0	-59.9	22.5	1	88	260	15
150	13918	0	-57.6	21.1	3	91	238	19	150	13994	2	-59.6	19.0	4	80	280	20	150	13917	0	-58.6	18.0	4	88	259	22
200	12088	0	-53.7	15.5	0	85	233	24	200	12178	2	-53.6	16.2	4	72	278	21	200	12095	0	-55.0	12.9	3	85	252	25
300	9414	0	-38.8	9.7	0	78	231	22	300	9489	2	-36.7	16.7	2	71	279	19	300	9418	0	-38.4	11.6	1	80	246	22
500	5717	0	-13.5	15.8	0	73	242	12	500	5765	2	-11.5	19.9	3	75	278	14	500	5714	0	-13.0	12.9	1	77	253	15
700	3079	0	1.6	12.4	0	70	247	8	700	3099	2	4.3	14.4	2	67	279	11	700	3072	0	1.7	9.8	1	71	256	9
850	1490	0	9.5	9.3	0	51	236	5	850	1500	2	10.2	12.8	2	55	281	7	850	1485	0	8.5	4.2	1	50	259	5
995	* 173		11.2	1.1					1001	* 140		14.5	2.8					1009	* 53		12.4	3.1				



# UPPER AIR

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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
<b>N AMERICA - CANADA</b> STEPHENVILLE UA, NFLD 71815 SEP 1999 4834N 05834W OB 3									<b>N AMERICA - CANADA</b> GOOSE UA, NFLD. 71816 SEP 1999 5318N 06022W OB 3									<b>N AMERICA - CANADA</b> LA GRANDE IV, QUE. 71823 SEP 1999 5345N 07340W OB 3								
030	24064	6	-54.6	24.7	6	41	309	2	030	24037	0	-55.2		0	83	279	4	030	24024	1	-55.2	27.8	2	81	266	6
050	20826	6	-58.5	22.9	6	63	287	4	050	20788	0	-56.4		1	85	281	7	050	20769	1	-55.9	27.3	2	84	260	7
100	16499	0	-61.6	18.6	1	85	273	13	100	16398	0	-57.7		0	91	273	16	100	16355	2	-55.7	26.1	3	89	255	14
150	13988	0	-60.1	15.4	1	85	267	22	150	13841	0	-57.0		0	90	272	26	150	13772	2	-54.6	24.2	2	88	251	22
200	12169	0	-54.2	12.0	1	80	272	24	200	12017	0	-54.9		1	87	271	31	200	11927	2	-52.9	17.9	2	84	248	27
300	9482	0	-37.6	10.9	1	75	267	20	300	9342	0	-39.2		0	79	269	27	300	9266	1	-41.7	10.6	1	77	246	24
500	5756	0	-11.1	16.5	1	74	263	14	500	5653	0	-14.4	12.4	0	86	270	18	500	5615	1	-16.7	11.4	0	84	245	16
700	3097	0	3.9	14.2	1	69	269	10	700	3029	0	-.2	12.0	0	79	276	11	700	3010	1	-2.2	6.8	0	78	250	10
850	1499	0	9.5	8.4	1	59	264	7	850	1458	0	4.9	5.2	0	70	274	8	850	1447	1	4.7	5.4	0	58	245	6
1014	* 60		15.5	3.5					1009	* 36		10.6	3.5					976	* 307		9.3	1.5				
<b>N AMERICA - CANADA</b> MOOSONEE, ONT. 71836 SEP 1999 5116N 08039W OB 3									<b>N AMERICA - CANADA</b> PICKLE LAKE, ONT. 71845 SEP 1999 5127N 09012W OB 2									<b>N AMERICA - CANADA</b> THE PASS UA, MAN 71867 SEP 1999 5358N 10106W OB 3								
030	24054	15	-55.2	31.4		66	283	4	030	24020	0	-54.6	25.8	2	82	265	5	030	24026	3	-54.1	19.2	3	77	315	4
050	20810	15	-56.0	31.0		83	256	5	050	20762	0	-55.6	25.7	1	79	262	5	050	20754	3	-54.5	18.6	3	77	290	5
100	16409	13	-56.5	26.2		92	242	14	100	16340	0	-54.5	25.7	1	81	258	10	100	16308	5	-53.6	17.4	4	76	272	10
150	13849	12	-55.7	22.6		89	234	20	150	13738	0	-53.1	24.2	1	70	257	14	150	13689	2	-52.8	16.1	2	67	280	14
200	12004	12	-52.6	17.0		85	230	24	200	11877	0	-51.6	19.2	1	63	260	15	200	11818	1	-51.9	14.5	2	63	278	15
300	9323	12	-40.7	10.4		83	225	24	300	9211	0	-43.4	11.4	3	52	268	14	300	9173	1	-45.3	10.2	3	56	278	14
500	5648	12	-15.0	11.2		85	232	15	500	5586	0	-17.9	10.8	1	61	269	10	500	5573	1	-19.7	12.6	2	61	291	10
700	3030	12	-.1	7.0		75	242	9	700	2991	0	-2.2	9.7	0	67	274	8	700	2995	1	-4.3	13.0	2	65	308	7
850	1450	12	7.7	4.3		63	235	6	850	1427	0	4.6	4.0	0	55	272	5	850	1440	1	3.8	4.6	2	55	297	5
1011	* 10		10.1	1.0					965	* 389		7.8	1.9					980	* 274		7.1	1.3				
<b>N AMERICA - CANADA</b> KUUJUAQ, UA, QUE. 71906 SEP 1999 5807N 06825W OB 3									<b>N AMERICA - CANADA</b> INUKJUAQ, QUE 71907 SEP 1999 5827N 07807W OB 3									<b>N AMERICA - CANADA</b> IQALUIT, N.W.T. 71909 SEP 1999 6345N 06833W OB 3								
030	24005	1	-54.4	28.4	2	78	268	7	030	23972	1	-54.9	28.5	1	84	265	6	030	23943	0	-54.2	28.0	9	62	253	6
050	20736	1	-55.1	28.3	1	87	271	10	050	20705	1	-54.9	28.3	1	96	268	9	050	20665	0	-53.4	28.2	8	74	264	7
100	16294	0	-53.6	29.1	0	90	265	16	100	16252	1	-53.0	28.4	0	91	262	13	100	16177	0	-50.7	28.2	8	87	272	11
150	13684	0	-52.7	26.9	0	87	264	23	150	13629	1	-51.6	27.2	1	84	260	18	150	13530	0	-49.6	27.1	9	88	271	15
200	11824	0	-52.2	19.5	0	86	261	30	200	11756	1	-50.1	21.3	1	80	259	22	200	11643	0	-49.2	21.3	9	82	277	18
300	9169	0	-43.3	10.6	0	76	257	29	300	9095	1	-45.1	9.1	0	65	262	19	300	8992	0	-48.0	9.9	6	74	271	18
500	5550	0	-19.0	12.3	0	82	263	16	500	5506	1	-20.9	10.5	1	63	258	10	500	5452	0	-24.0	10.6	5	57	283	8
700	2971	0	-4.9	12.8	1	74	264	10	700	2939	1	-5.6	9.6	1	59	244	7	700	2924	0	-10.1	8.6	6	36	297	3
850	1426	0	.8	7.4	1	50	250	5	850	1395	1	1.7	4.9	1	40	235	4	850	1407	0	-3.8	5.5	5	6	53	1
1008	* 60		5.8	2.6					1006	* 6		6.9	1.0					1009	* 34		2.2	2.4				

# UPPER AIR

# SEPTEMBER 1999

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
<b>N AMERICA - CANADA</b> CHURCHILL UA,MAN. 71913 SEP 1999 5844N 09405W OB 3									<b>N AMERICA - CANADA</b> CORAL HARBOUR UA, N.W.T. 71915 SEP 1999 6412N 08322W OB 3									<b>N AMERICA - CANADA</b> EUREKA UA, N.W.T. 71917 SEP 1999 7959N 08556W OB 3								
030	23988	2	-54.3	24.8	2	73	307	5	030	23938	0	-54.0	31.3	5	81	274	5	030	23857	0	-53.1	32.7	0	46	298	2
050	20711	2	-53.8	24.6	2	77	289	6	050	20655	0	-53.3	31.6	4	84	283	7	050	20557	0	-51.6	33.1	0	41	298	2
100	16242	1	-51.8	24.6	3	73	277	9	100	16160	0	-50.6	32.2	2	84	267	11	100	16028	0	-48.3	33.7	0	37	315	1
150	13606	1	-50.9	23.0	1	69	274	12	150	13511	0	-49.2	30.7	1	85	273	14	150	13348	0	-46.6	33.1	0	28	328	2
200	11733	1	-51.0	16.7	2	60	273	13	200	11626	0	-50.2	22.0	2	82	270	17	200	11442	0	-47.3	28.0	0	18	325	1
300	9095	0	-46.3	9.2	1	48	286	11	300	8985	0	-48.2	7.3	4	69	274	15	300	8802	0	-52.0	7.3	1	5	39	1
500	5516	0	-21.2	12.0	1	50	302	7	500	5445	0	-24.1	11.8	3	67	279	9	500	5325	0	-28.7	6.1	0	10	106	1
700	2952	0	-5.8	10.0	1	52	320	6	700	2916	0	-9.9	8.3	1	46	294	5	700	2841	0	-14.1	5.2	0	9	158	1
850	1411	0	.1	6.6	1	50	342	6	850	1397	0	-3.3	5.2	2	26	291	2	850	1350	0	-9.0	4.5	0	31	183	2
1008	* 29		4.1	2.4					1005	* 57		.7	1.7					1010	* 10		-6.0	3.2				
<b>N AMERICA - CANADA</b> RESOLUTE UA, N.W.T. 71924 SEP 1999 7442N 09458W OB 3									<b>N AMERICA - CANADA</b> CAMBRIDGE BAY UA, N.W.T. 71925 SEP 1999 6908N 10504W OB 3									<b>N AMERICA - CANADA</b> BAKER LAKE UA, N.W.T. 71926 SEP 1999 6419N 09600W OB 3								
030	23895	8	-52.8	30.1	7	67	301	3	030	23940	2	-53.5	31.3	5	87	300	7	030	23964	2	-53.8	28.4	4	72	301	5
050	20588	5	-51.7	30.1	5	81	300	4	050	20640	2	-51.8	30.4	4	89	296	7	050	20674	2	-52.4	28.7	4	76	290	6
100	16054	1	-48.0	30.0	4	81	298	5	100	16110	1	-49.0	30.7	4	86	289	8	100	16169	1	-50.5	29.3	3	84	276	10
150	13374	1	-46.8	29.4	3	73	301	6	150	13447	1	-48.4	28.9	3	83	283	11	150	13521	1	-50.0	27.9	2	75	270	12
200	11467	1	-47.1	24.1	2	62	303	6	200	11554	1	-48.9	22.2	4	82	285	13	200	11642	1	-50.9	18.7	2	74	273	14
300	8812	1	-50.4	7.3	3	40	297	6	300	8912	1	-49.3	8.0	6	66	288	14	300	9013	1	-47.8	7.5	4	67	266	14
500	5326	1	-28.2	7.0	4	30	308	3	500	5393	1	-25.5	10.9	3	79	288	11	500	5461	1	-23.5	10.2	2	67	282	9
700	2835	1	-13.3	5.9	2	14	270	2	700	2876	1	-10.3	7.7	5	75	293	8	700	2924	1	-8.8	9.1	2	66	291	6
850	1337	1	-7.2	4.1	3	18	225	2	850	1360	1	-4.0	6.6	3	63	292	6	850	1398	1	-2.0	6.4	3	45	294	4
1000	* 40		-2.9	1.0					1006	* 26		.5	2.1					1010	* 50		2.4	2.0				
<b>N AMERICA - CANADA</b> FORT SMITH UA, N.W.T. 71934 SEP 1999 6002N 11156W OB 3									<b>N AMERICA - CANADA</b> FORT NELSON UA, B.C. 71945 SEP 1999 5850N 12236W OB 3									<b>N AMERICA - CANADA</b> INUVIK UA, N.W.T. 71957 SEP 1999 6819N 13332W OB 3								
030	24032	2	-53.2	31.1	4	78	315	6	030	24056	2	-52.6	29.3	2	87	306	5	030	23965	3	-52.1	29.4		92	271	9
050	20739	2	-53.3	30.8	3	82	299	7	050	20757	0	-52.3	29.3	0	90	283	7	050	20651	2	-51.2	29.5		92	263	8
100	16249	1	-51.8	30.1	2	82	282	11	100	16272	0	-52.6	28.6	1	90	274	12	100	16128	1	-49.4	28.9		80	254	7
150	13619	1	-51.7	27.0	2	78	280	14	150	13652	0	-52.1	24.2	0	86	277	17	150	13467	1	-48.9	27.1		70	271	7
200	11753	1	-52.0	18.0	2	75	285	16	200	11796	0	-53.2	14.0	0	80	277	21	200	11580	1	-49.7	20.6		72	271	8
300	9124	1	-46.8	7.6	2	66	281	15	300	9169	0	-46.2	7.3	0	73	275	19	300	8945	1	-49.4	8.1		43	260	6
500	5544	1	-20.9	10.3	2	70	280	11	500	5580	0	-20.8	9.0	1	80	273	12	500	5427	1	-25.4	10.2		57	272	6
700	2979	1	-5.2	8.8	3	61	274	7	700	3009	0	-4.7	5.3	1	82	279	8	700	2905	1	-9.7	9.2		64	279	7
850	1427	1	3.7	6.7	3	49	264	5	850	1450	0	6.2	9.1	1	53	295	4	850	1384	1	-1.6	4.3		52	269	5
987	* 203		5.7	2.0					967	* 378		5.4	1.9					1001	* 103		2.3	2.2				

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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
<b>N AMERICA - CANADA</b> WHITEHORSE, UA, Y.T. 71964 SEP 1999 6042N 13504W OB 3								<b>N AMERICA - MEXICO</b> AEROP. INTERNACIONALMEXICO, 76679 SEP 1999 1926N 09905W OB 3								<b>N AMERICA - COSTA RICA</b> JUAN SANTAMARIA 78762 SEP 1999 1000N 08413W OB 2													
030	24017	1	-51.9	25.9	3	87	272	5	030										030	23878	8	-58.7			9	84	90	7	
050	20706	0	-51.7	25.3	2	88	255	7	050											050	20709	4	-63.3			9	33	58	2
100	16200	0	-51.0	24.0	2	88	252	12	100	16590	1	-78.5			8		92	27	100	16568	4	-76.8			8	86	87	9	
150	13565	0	-51.3	20.8	3	84	252	15	150	14235	1	-67.8			8		82	13	150	14209	4	-69.3			8	93	79	15	
200	11698	0	-51.4	15.6	2	81	250	20	200	12445	1	-53.2			8		65	8	200	12432	4	-59.0			8	80	59	10	
300	9066	0	-47.9	6.0	2	75	244	21	300	9700	0	-30.4	15.3	6			48	7	300	9704	4	-31.8	9.7		7	74	76	5	
500	5511	0	-23.1	6.5	3	74	235	11	500	5856	0	-5.1	12.2	7			67	11	500	5890	4	-6.2	5.5	9	53	106	4		
700	2962	0	-7.1	4.6	4	73	233	8	700	3152	0	9.7	5.0	7			25	8	700	3176	4	9.8	6.3	9	23	68	1		
850	1423	0	1.7	5.1	3	71	186	6	774	*2234		17.6	6.6						850	1542	4	17.2	4.6	9	50	76	2		
929	* 704		4.9	5.4															912	* 939		18.6	.6						
<b>N AMERICA - ST. MAARTEN, ST. EUST., SABA</b> JULIANA AIRPORT, ST. MAARTEN 78866 SEP 1999 1803N 06307W OB 2								<b>N AMERICA - ST. MARTIN, ST. BARTH., GUAD.</b> LE RAIZET, GUADELOUPE 78897 SEP 1999 1616N 06131W OB 3								<b>N AMERICA - TRINIDAD AND TOBAGO</b> PIARCO INT. AIRPORT, TRINIDAD 78970 SEP 1999 1037N 06121W OB 2													
030	23930	5	-55.4		5	97	71	15	030										030	23883	5	-57.2			5	93	85	8	
050	20714	4	-62.6		4	93	69	11	050	20702	9	-62.8							050	20698	2	-63.5			3	60	90	3	
100	16591	3	-75.4		3	83	58	7	100	16570	7	-76.5			7	84	84	8	100	16557	2	-75.6			2	80	85	7	
150	14212	3	-69.9		4	42	38	5	150	14203	2	-67.7			5	48	54	6	150	14190	1	-68.1			1	72	70	8	
200	12415	4	-53.8		4	14	141	1	200	12421	1	-53.4			2	6	103	1	200	12407	1	-54.2			1	58	70	6	
300	9688	4	-32.3	13.3	4	23	241	2	300	9680	2	-31.9	13.7	3		23	255	2	300	9677	0	-31.8	14.4		1	54	85	4	
500	5883	3	-6.5	13.6	3	21	1	1	500	5871	2	-5.9	14.8	3		33	57	2	500	5869	0	-6.0	17.3	0	86	95	6		
700	3176	3	9.0	5.5	3	37	55	2	700	3159	0	9.1	9.3	2		40	94	3	700	3159	0	9.1	6.9	0	84	100	6		
850	1538	2	17.7	4.1	3	38	72	3	850	1522	0	17.7	4.2	2		50	104	4	850	1521	0	18.2	4.6	0	84	110	6		
1013	* 9		28.7	4.4					1011	* 11		27.4	4.6						1010	* 15		26.6	1.9						
<b>N AMERICA - CURACAO AND BONAIRE</b> HATO AIRPORT, CURACAO 78988 SEP 1999 1212N 06858W OB 3								<b>S AMERICA - BRAZIL</b> BELEM (AEROPORTO) 82193 SEP 1999 0123S 04829W OB 2								<b>S AMERICA - BRAZIL</b> MANAUS (AEROPORTO) 82332 SEP 1999 0309S 05959W OB 2													
030	23904	7	-54.6		9	97	91	10	030	23960	8	-55.5	25.7	9	88	265	12	030	23943	15	-55.9	23.5							
050	20720	7	-62.6		7	84	92	5	050	20753	6	-61.5	22.1	9	80	267	8	050	20743	11	-62.5	19.3							
100	16570	5	-76.2		5	92	86	9	100	16578	6	-74.4	11.8	9	65	73	7	100	16568	10	-74.6	8.4	9	40	86	3			
150	14203	5	-67.7		5	59	90	6	150	14177	3	-67.4	11.6	8	60	207	5	150	14156	10	-67.3	8.9	9	31	131	3			
200									200	12384	3	-53.0	14.4	6	38	187	3	200	12354	8	-53.7	10.4	9	38	132	3			
300	9681	5	-31.7		5	21	90	2	300	9645	2	-31.4	17.4	5	69	89	6	300	9657	9	-31.4	13.1	9	79	101	6			
500	5871	3	-6.2	14.8	4	87	99	5	500	5861	2	-5.0	23.8	5	94	84	9	500	5862	8	-6.4	14.4	9	99	91	9			
700	3162	3	9.3	6.8	3	82	114	5	700	3156	2	8.7	10.3	5	95	103	9	700	3150	8	8.2	5.8	9	93	87	7			
850	1520	3	19.0	5.3	3	85	117	6	850	1516	2	18.1	3.7	5	93	113	8	850	1515	8	18.1	2.8	9	91	75	7			
1006	* 62		29.1	4.0					1010	* 16		27.1	1.8						1002	* 84		26.5	2.7						

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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
<b>S AMERICA - BRAZIL</b> <b>FORTALEZA</b> 82397 SEP 1999 0346S 03836W OB								<b>S AMERICA - BRAZIL</b> <b>NATAL (AEROPORTO)</b> 82599 SEP 1999 0555S 03515W OB 2								<b>S AMERICA - BRAZIL</b> <b>RECIFE (CURADO)</b> 82900 SEP 1999 0803S 03455W OB 2										
030								030	23987	12		-56.6	25.5					030								
050	20679	10	-63.6		9	78	269	9	050	20774	8	-61.7	22.0	9	83	273	8	050	20689	9	-63.5					
100	16526	6	-75.4		9	53	79	5	100	16601	6	-74.1	13.0	9	50	95	4	100	16535	9	-75.7		9	80	121	4
150	14170	6	-69.1		9	63	253	5	150	14198	5	-66.7	12.9	9	68	257	7	150	14169	9	-68.8		9	57	261	7
200	12393	6	-51.5		9	56	276	5	200	12390	6	-53.6	15.3	9	70	283	7	200	12391	9	-55.3		9	65	262	8
300	9671	6	-32.3	25.5	9	58	57	4	300	9668	3	-30.7	19.9	8	27	7	2	300	9676	9	-29.7	26.3	9	57	339	4
500	5859	6	-5.4	33.9	9	88	99	8	500	5862	4	-4.9	24.9	9	93	102	7	500	5870	7	-5.5	37.8	9	77	106	5
700	3153	6	11.4	16.5	8	88	90	7	700	3155	3	9.0	16.9	8	63	71	5	700	3163	7	8.7	19.3	9	58	68	4
850	1521	6	15.6	5.1	8	96	129	12	850	1524	3	15.0	2.1	8	93	122	10	850	1538	7	13.9	2.4	9	91	125	6
1011	* 26		27.2	6.2					1011	* 52		28.1	5.2					1011	* 7		26.1	4.3				
<b>S AMERICA - BRAZIL</b> <b>ALTA FLORESTA (AEROPORTO)</b> 82965 SEP 1999 0952S 05606E OB /								<b>S AMERICA - BRAZIL</b> <b>SALVADOR</b> 83229 SEP 1999 1301S 03831W OB 2								<b>S AMERICA - BRAZIL</b> <b>CUIABA (AEROPORTO)</b> 83362 SEP 1999 1539S 05606W OB										
030									030									030	23851	5	-55.7					
050									050	20663	11	-64.5		9	78	244	7	050	20663	4	-64.6					
100	16526	9	-75.5		9	38	22	3	100	16534	11	-75.3		9	69	268	6	100	16540	4	-74.9					
150	14166	5	-68.9		6	71	239	6	150	14155	10	-67.7		9	82	263	12	150	14162	4	-68.2					
200	12381	4	-55.0		5	72	243	7	200	12371	10	-54.9		9	74	259	12	200	12381	4	-54.9					
300	9668	4	-32.7	18.0	5	45	203	3	300	9657	9	-33.8	21.8	9	78	266	11	300	9662	4	-33.4	19.2				
500	5867	4	-6.5	18.2	6	64	88	4	500	5865	6	-6.1	30.8	7	46	263	3	500	5877	4	-7.0	19.5				
700	3165	4	8.1	7.8	6	83	74	5	700	3159	6	8.1	20.1	6	25	330	2	700	3173	4	8.4	9.0				
850	1527	4	19.3	7.7	6	65	49	3	850	1542	6	13.3	3.7	6	87	115	5	850	1532	4	20.2	11.9				
980	* 288		21.9	1.4					1011	* 51		24.8	4.2					991	*		26.8	5.1				
<b>S AMERICA - BRAZIL</b> <b>CAMPO GRANDE (AEROPORTO)</b> 83612 SEP 1999 2028S 05440W OB 2								<b>S AMERICA - BRAZIL</b> <b>TRINDADE (ILHA)</b> 83650 SEP 1999 2030S 02919W OB 2								<b>S AMERICA - BRAZIL</b> <b>GALEAO</b> 83746 SEP 1999 2249S 04315W OB 2										
030									030									030	23976	14	-53.1	26.6	9	75	86	5
050									050	20659	15	-62.0						050	20729	10	-60.6	22.1	9	38	23	2
100	16555	9	-73.1		9	94	269	24	100	16503	7	-72.6		9	90	278	14	100	16526	9	-70.8	15.7	9	97	270	17
150	14140	8	-63.9		8	91	268	27	150	14085	7	-65.4		9	84	273	22	150	14080	8	-63.7	15.4	8	93	265	26
200	12333	7	-53.4		7	91	272	27	200	12298	7	-56.1		9	82	277	21	200	12281	6	-54.3	14.8	6	93	261	26
300	9612	4	-34.5	15.7	4	84	275	16	300	9610	7	-36.3	16.7	8	79	286	18	300	9580	4	-36.1	14.1	4	88	271	20
500	5852	4	-9.0	17.9	6	60	255	6	500	5858	7	-8.5	25.8	8	73	292	8	500	5847	4	-9.2	19.2	4	68	257	7
700	3161	4	7.9	15.3	6	53	316	4	700	3171	7	6.0	23.0	9	29	356	3	700	3165	4	6.8	13.7	5	31	284	2
850	1527	4	19.6	13.4	4	58	3	4	850	1563	7	10.7	8.6	9	53	51	5	850	1547	4	14.6	7.7	4	29	312	2
951	* 567		24.0	12.3					1021	* 5		24.0	6.5					1017	* 6		22.3	2.7				

# UPPER AIR

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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
<b>S AMERICA - BRAZIL</b> SAO PAULO (AEROPOR- TO) 83780 SEP 1999 2337S 04639W OB 2									<b>S AMERICA - BRAZIL</b> CURITIBA (AEROPORTO) 83840 SEP 1999 2531S 04910W OB 2									<b>S AMERICA - BRAZIL</b> PORTO ALEGRE (AERO- PORTO) 83971 SEP 1999 3000S 05111W OB 2									
030	23873	8	-54.8		9	79	92	6	030										030	23939	12	-52.8	27.1	9	21	37	2
050	20658	7	-61.2		9	10	205	1	050	20715	10	-59.1	22.9	9	20	269	1	050	20669	12	-58.0	24.3	9	45	277	3	
100	16481	3	-71.8		9	94	276	17	100	16495	6	-70.1	14.9	9	92	258	17	100	16399	8	-65.8	18.2	9	89	266	18	
150	14053	3	-64.7		9	97	268	29	150	14041	5	-64.1	13.6	9	94	262	31	150	13907	7	-60.9	15.2	9	89	273	33	
200	12261	4	-55.1		9	94	266	32	200	12238	5	-55.1	14.0	9	91	263	32	200	12104	6	-56.7	12.7	7	85	270	33	
300	9574	3	-37.6	18.4	9	88	274	19	300	9542	4	-37.9	16.4	8	83	269	18	300	9443	4	-40.3	12.7	5	85	270	23	
500	5844	3	-9.6	32.6	9	71	258	6	500	5824	3	-9.6	21.3	7	74	254	9	500	5762	4	-13.0	17.5	7	79	266	15	
700	3162	3	7.0	21.2	9	60	285	5	700	3153	3	6.6	16.5	7	47	269	4	700	3120	4	3.5	14.8	5	74	269	9	
850	1544	3	14.1	11.1	9	39	318	3	850	1541	3	12.9	8.2	7	45	57	4	850	1521	4	11.7	11.6	5	41	289	4	
928	* 803		17.6	5.5					916	* 908		15.9	2.6						1018	* 3		16.3	3.2				
<b>S AMERICA - CHILE</b> ANTOFAGASTA 85442 SEP 1999 2326S 07027W OB 2									<b>S AMERICA - CHILE</b> PUERTO MONTT 85799 SEP 1999 4126S 07306W OB 2									<b>S AMERICA - CHILE</b> PUNTA ARENAS 85934 SEP 1999 5300S 07051W OB 2									
030	23845	5	-55.0						030										030								
050	20631	4	-61.3						050	20430	3	-59.0		4	95	273	26	050									
100	16472	1	-71.6						100	16090	1	-59.4		2	97	271	28	100	15573	4	-64.0	27.2					
150	14046	0	-64.7	27.2					150	13535	0	-56.8		1	94	273	29	150	13093	3	-62.4	24.7					
200	12247	0	-54.4	29.4					200	11708	0	-55.8		1	88	269	30	200	11313	1	-62.9	20.1					
300	9555	0	-37.4	28.6					300	9097	0	-47.3	14.6	2	71	273	27	300	8788	1	-55.0	14.7					
500	5819	0	-9.4	36.7	4	74	285	10	500	5535	0	-22.5	11.3	3	69	277	15	500	5338	0	-29.6	12.2	5	77	268	15	
700	3133	0	8.5		2	67	338	4	700	2985	0	-6.6	10.2	4	71	284	9	700	2853	0	-12.7	12.9	5	77	256	12	
850	1503	0	16.9	32.1	5	49	57	2	850	1444	0	1.0	6.6	3	74	300	7	850	1347	0	-4.6	5.8	5	71	265	10	
1003	* 140		13.4	4.2					1005	* 90		6.7	1.3						1001	* 43		1.8	2.0				
<b>S AMERICA - ARGENTINA</b> RESISTENCIA AERO. 87155 SEP 1999 2727S 05903W OB 2									<b>S AMERICA - ARGENTINA</b> EZEIZA AERO 87576 SEP 1999 3449S 05832W OB 3									<b>S AMERICA - UK FALKLAND ISLANDS</b> MOUNT PLEASANT AIRPORT 88889 SEP 1999 5149S 05827W OB									
030	23865	2	-54.9		4	28	54	2	030	23834	3	-54.0		6	88	275	11	030	23157	3	-58.2		6	97	276	8	
050	20634	0	-60.2		3	27	319	2	050	20591	0	-58.2		4	90	270	10	050	19939	2	-61.5		3	97	271	2	
100	16436	0	-70.4		2	93	266	18	100	16298	0	-63.4		2	94	265	25	100	15648	0	-61.1		1	97	267	42	
150	13992	0	-63.7		2	95	268	31	150	13780	0	-58.4		2	94	270	36	150	13120	0	-59.7		0	96	265	35	
200	12194	0	-55.6		2	92	270	34	200	11966	0	-57.2		2	88	275	36	200	11325	0	-60.6		1	92	263	31	
300	9523	0	-39.0	16.3	2	89	267	24	300	9335	0	-43.0	17.5	3	84	270	32	300	8777	0	-53.7		1	83	258	26	
500	5813	0	-10.7	18.0	3	82	277	13	500	5695	0	-16.3	15.3	3	85	270	22	500	5319	0	-29.2	12.1	0	79	255	17	
700	3136	0	6.4	13.1	2	57	277	6	700	3079	0	.3	19.9	2	80	255	10	700	2833	0	-12.9	11.9	0	76	251	12	
850	1515	0	16.1	13.6	1	14	342	1	850	1499	0	8.7	18.4	2	48	255	5	850	1328	0	-4.4	5.3	0	68	250	10	
1008	* 52		16.7	3.0					1015	* 20		11.8	3.7						994	* 73		2.9	2.7				

# UPPER AIR

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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
<b>ANTARCTICA - UNITED KINGDOM (ANTARCTIC)</b> <b>HALLEY</b> 89022 SEP 1999 7530S 02639W OB 2									<b>ANTARCTICA - USSR (ANTARCTIC)</b> <b>MIRNYJ</b> 89592 SEP 1999 6633S 09301E OB 1									<b>ANTARCTICA - GERMANY (ANTARCTIC)</b> <b>NEUMAYER</b> 89002 SEP 1999 7040S 00815W OB 2								
030									030	22080	3	-60.7	6.3	4	96	272	60	030	21489	7	-76.7	19.8	8	96	275	32
050	18536	11	-83.4		9	68	248	9	050	18951	1	-67.6	4.8	1	95	272	41	050	18584	5	-80.3	17.8	6	94	278	24
100	14655	5	-80.7		5	64	232	6	100	14839	1	-71.8	4.3	1	92	268	22	100	14675	4	-78.9	15.9	5	79	271	14
150	12351	3	-76.3	16.5	3	65	218	6	150	12443	0	-70.3	4.2	0	87	268	14	150	12351	3	-75.7	14.3	4	54	257	12
200	10680	3	-72.6	15.9	3	53	209	6	200	10730	0	-69.2	4.1	0	73	267	11	200	10676	3	-72.7	13.0	4	32	250	13
300	8242	3	-61.5	13.3	3	38	207	5	300	8263	0	-59.9	4.6	0	51	272	7	300	8242	3	-61.6	10.7	4	10	167	16
500	4920	3	-39.4	10.6	3	19	129	3	500	4916	0	-38.1	5.7	0	23	296	2	500	4917	3	-38.9	10.1	5	20	115	13
700	2536	2	-24.5	9.9	2	23	45	2	700	2530	0	-24.0	6.5	0	40	83	3	700	2531	2	-20.9	10.9	5	41	116	11
850	1105	2	-18.5	7.2	3	53	53	5	850	1104	0	-21.5	4.7	0	97	90	11	850	1098	2	-19.2	7.3	5	69	79	13
982	* 30		-27.5	2.8					979	* 30		-18.3	3.4					980	* 50		-22.3	2.8				
<b>ANTARCTICA - JAPAN (ANTARCTIC)</b> <b>SYOWA</b> 89532 SEP 1999 6900S 03935E OB 1									<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> <b>MAWSON</b> 89564 SEP 1999 6736S 06252E OB 3									<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> <b>DAVIS</b> 89571 SEP 1999 6835N 07758W OB 3								
030	21708	1	-70.5		3	98	277	50	030	21924	2	-65.3		3	96	271	60	030	21886	9	-65.5					
050	18726	1	-76.1		1	97	277	35	050	18862	1	-71.0		2	96	269	42	050	18823	6	-73.2					
100	14746	0	-77.1		0	93	279	19	100	14805	1	-73.7		2	92	265	24	100	14784	4	-74.6		9	95	264	20
150	12407	0	-75.0		0	83	279	14	150	12427	1	-72.0		1	79	260	15	150	12403	2	-72.2		9	89	258	12
200	10731	0	-72.6		0	73	283	12	200	10724	1	-69.4		1	62	254	11	200	10700	2	-69.6		9	63	255	9
300	8290	0	-60.7		0	64	281	11	300	8254	1	-59.5		1	46	238	8	300	8233	1	-60.1		8	31	271	5
500	4952	0	-38.5		0	56	279	8	500	4903	1	-38.1	13.8	1	40	211	5	500	4894	1	-39.0	12.3	8	12	298	1
700	2568	0	-24.1	14.5	0	34	290	3	700	2524	1	-26.2	14.1	1	41	156	4	700	2517	1	-25.4	8.1	8	52	47	3
850	1137	0	-19.2	9.1	1	60	28	5	850	1114	1	-23.6	12.4	1	89	103	9	850	1099	1	-22.3	5.2	8	90	51	7
987	* 21		-20.0	4.9					986	* 16		-18.5	8.6					984	* 13		-18.6	6.2				
<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> <b>CASEY</b> 89611 SEP 1999 6617S 11031E OB 3									<b>ANTARCTICA - FRANCE (ANTARCTIC)</b> <b>DUMONT D'URVILLE</b> 89642 SEP 1999 6640S 14001E OB 1									<b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b> <b>PENANG/BAYAN LEPAS</b> 48601 SEP 1999 0518N 10016E OB 3								
030	22086	4	-64.7		7	95	276	56	030	22093	4	-67.8						030	23860	18	-57.6	30.0	9	19	289	1
050	18985	2	-68.4		5	95	278	44	050	19068	2	-70.1		5	98	279	51	050	20683	7	-63.5	26.4	9	32	262	3
100	14868	2	-71.3		5	93	278	24	100	14955	1	-70.8		2	96	283	34	100	16550	1	-76.3	12.0	5	80	83	8
150	12466	2	-69.8		5	92	279	16	150	12537	1	-68.4		3	94	286	26	150	14197	1	-68.7	10.4	5	98	76	28
200	10748	2	-68.4		5	89	280	14	200	10805	1	-66.6		3	91	289	22	200	12413	1	-54.0	8.7	5	97	76	21
300	8280	2	-59.9		5	79	276	12	300	8315	1	-58.1		3	86	287	19	300	9676	1	-31.1	8.3	5	88	81	9
500	4930	2	-38.1	12.1	5	50	280	5	500	4948	1	-36.9		2	79	281	12	500	5856	1	-5.9	4.8	5	36	92	2
700	2539	2	-24.1	7.8	5	15	359	1	700	2542	1	-22.3	10.8	3	60	265	6	700	3141	1	9.1	5.2	5	61	267	4
850	1106	2	-18.5	6.7	5	67	74	5	850	1109	1	-22.0	8.7	2	76	119	7	850	1503	1	17.8	4.0	6	66	267	3
979	* 42		-16.5	3.0					982	* 43		-17.7	5.5					1009	* 4		25.9	2.4				

# UPPER AIR

# SEPTEMBER 1999

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
SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) KOTA BHARU 48615 SEP 1999 0610N 10217E OB 3									SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) Kuantan 48657 SEP 1999 0337N 10313E OB 3									SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 SEP 1999 0122N 10359E OB 3									
030	23855	0	-57.9	30.8	2	11	14	1	030	23848	3	-58.0	31.1	9	54	277	4	030	23826	0	-58.4	31.4	0	88	273	10	
050	20683	0	-63.9	28.4	1	12	275	1	050	20675	2	-64.0	28.6	9	46	273	5	050	20659	0	-64.1	29.5	0	86	268	10	
100	16556	0	-76.7	12.2	0	88	87	12	100	16545	1	-76.2	12.6	9	68	72	7	100	16525	0	-76.1	14.6	0	38	86	3	
150	14206	0	-68.5	11.0	0	97	76	26	150	14189	1	-68.4	11.3	9	98	74	26	150	14169	0	-68.4	13.4	0	97	71	24	
200	12421	0	-53.6	10.8	0	96	77	19	200	12407	0	-53.9	11.2	7	96	77	20	200	12387	0	-54.4	12.0	0	96	75	19	
300	9682	0	-31.0	11.2	0	93	84	9	300	9672	0	-31.2	9.4	6	78	77	8	300	9657	0	-31.6	9.9	0	93	79	9	
500	5859	0	-5.6	6.6	0	49	98	3	500	5863	0	-5.8	6.3	7	63	104	4	500	5842	0	-6.1	7.1	0	80	92	5	
700	3144	0	9.3	5.5	0	31	241	2	700	3140	0	8.8	4.7	7	37	68	2	700	3131	0	8.9	6.6	0	14	285	1	
850	1505	0	18.1	3.7	0	62	266	4	850	1504	0	17.9	3.9	7	58	232	3	850	1495	0	18.0	5.9	0	46	197	2	
1009	* 5		25.9	2.2					1008	* 16		25.4	1.6					1007	* 16		27.2	3.5					
SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII, 91285 SEP 1999 1943N 15504W OB 2									SW PACIFIC - NEW CALEDONIA NOUMEA (NMLE-CALEDONIE) 91592 SEP 1999 2216S 16627E OB /									SW PACIFIC - TUVALU (NEW ZEALAND) FUNAFUTI 91643 SEP 1999 0831S 17913E OB 3									
030	23909	6	-56.0	14.5	6	99	90	15	030	23848	2	-55.8		5	83	93	8	030	23840	1	-58.5						
050	20709	6	-62.1	12.1	6	98	92	10	050	20641	0	-62.5		1	50	107	3	050	20680	1	-63.9						
100	16497	2	-71.6	9.2	3	30	136	2	100	16485	0	-72.6		0	94	273	15	100	16540	2	-75.4						
150	14158	3	-66.6	11.1	3	75	261	8	150	14077	0	-65.6		1	95	275	30	150	14180	0	-69.2						
200	12373	3	-54.7	14.2	3	72	272	11	200	12287	0	-54.7		1	92	282	35	200	12410	0	-54.7						
300	9660	3	-33.9	21.5	3	62	271	8	300	9577	0	-34.8	23.0	1	86	285	29	300	9678	0	-32.0						
500	5863	2	-4.8	33.7	3	21	313	1	500	5817	0	-9.0	25.5	1	91	287	16	500	5867	0	-5.8	26.2					
700	3155	3	8.7	30.9	4	52	82	3	700	3139	0	5.4	20.7	2	57	318	4	700	3155	0	9.6	.6					
850	1540	3	13.0	1.9	4	83	77	4	850	1534	0	11.1	4.9	1	53	77	4	850	1518	0	17.2	11.2					
1016	* 11		20.5	1.9					1011	* 72		22.7	5.1					1012	* 2		30.1	4.2					
SW PACIFIC - FIJI NANDI 91680 SEP 1999 1745S 17727E OB 3									SW PACIFIC - SAMOA (USA) PAGO PAGO/INT. AIRPORT 91765 SEP 1999 1420S 17043W OB 2									SW PACIFIC - FRENCH POLY. (MARQUESAS) ATUONA 91925 SEP 1999 0948S 13902W OB 3									
030	23839	4	-56.8		6	48	73	2	030	23817	13	-56.9	24.0					030	23828	7	-58.7						
050	20649	1	-63.2		3	49	254	3	050	20646	11	-64.0	15.4	9	98	276	11	050	20661	4	-64.8						
100	16532	1	-75.8	16.6	2	94	272	11	100	16523	8	-75.9	7.2	8	89	271	7	100	16525	2	-75.9			5	53	336	5
150	14157	0	-67.8	16.3	0	92	271	17	150	14161	8	-69.2	8.0	8	82	245	9	150	14158	1	-67.7			5	84	294	11
200	12378	0	-55.5	15.6	0	88	278	19	200	12388	8	-55.7	10.4	8	66	249	7	200	12376	1	-54.7			5	58	297	8
300	9660	0	-33.1	18.9	0	83	284	14	300	9672	8	-32.7	16.0	8	51	263	4	300	9660	0	-33.2	28.8	2	30	286	3	
500	5865	0	-6.9	18.9	0	73	290	6	500	5873	8	-6.4	19.4	8	29	345	2	500	5853	0	-4.8	37.0	4	46	99	3	
700	3162	0	8.1	12.9	0	37	327	3	700	3163	8	8.7	10.8	8	58	78	3	700	3134	0	8.9	23.0	2	18	268	1	
850	1533	0	16.1	6.2	0	49	68	3	850	1529	8	16.5	3.7	8	79	95	6	850	1507	0	14.5	4.5	2	70	85	4	
1013	* 25		28.1	7.3					1013	* 3		26.5	2.6					1006	* 52		28.4	9.6					

# UPPER AIR

# SEPTEMBER 1999

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 - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 SEP 1999 1733S 14937W OB 2								SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 SEP 1999 2308S 13458W OB								SW PACIFIC - FRENCH POLY. (AUSTRAL IS) TUBUAI 91954 SEP 1999 2321S 14929W OB										
030	23810	1	-57.1		1	45	304	3	030	23803	5	-55.0		9	69	294	5	030	23821	2	-55.7		3	33	319	2
050	20633	1	-64.3		1	96	278	11	050	20602	4	-63.1		7	87	292	7	050	20615	1	-61.7		1	79	272	6
100	16499	0	-74.3		0	93	276	14	100	16439	3	-71.6		7	95	284	21	100	16439	1	-71.5		1	95	274	21
150	14119	0	-67.6		0	90	274	18	150	14024	3	-65.5		7	92	281	30	150	14021	1	-66.2		1	95	270	32
200	12341	0	-55.2		1	86	257	20	200	12240	3	-56.2		6	90	276	31	200	12243	1	-55.8		1	94	262	37
300	9636	0	-34.6	18.1	1	86	258	16	300	9553	3	-36.4	14.5	6	90	280	27	300	9550	1	-35.9	16.2	1	94	267	30
500	5851	0	-6.6	23.3	3	74	259	9	500	5808	2	-9.8	15.0	6	64	273	13	500	5800	1	-9.9	24.8	2	90	267	19
700	3145	0	8.0	18.4	0	45	250	3	700	3136	2	4.6	8.5	7	71	312	6	700	3129	0	5.2	28.5	0	72	263	7
850	1524	0	14.6	4.3	0	38	57	2	850	1529	2	12.1	4.2	9	47	359	4	850	1529	0	10.1	5.4	0	13	191	1
1014	* 2		28.0	7.5					1007	* 89		22.6	3.2					1018	* 3		22.5	6.4				
SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 SEP 1999 2737S 14420W OB 3								SW PACIFIC - NEW ZEALAND WHENUAPAI 93112 SEP 1999 3678S 17463E OB 1								SW PACIFIC - NEW ZEALAND PARAPARAUMU AERODROME 93417 SEP 1999 4054S 17459E OB 1										
030									030	23895	3	-53.9		4	34	202	4	030	23838	8	-55.2		8	83	250	13
050									050	20635	2	-57.0		4	70	239	5	050	20592	3	-56.6		3	93	254	12
100									100	16279	1	-59.2		2	93	265	13	100	16208	1	-57.2		1	92	261	16
150									150	13720	1	-55.6		2	93	269	22	150	13630	1	-54.9		2	89	268	19
200	12108	10	-55.8						200	11878	1	-53.7		2	91	271	26	200	11787	0	-53.9		1	83	268	17
300	9435	5	-39.0		6	87	275	34	300	9241	1	-45.9		2	79	264	22	300	9174	0	-48.4		1	67	273	13
500	5734	2	-13.9	24.7	3	93	272	21	500	5661	1	-20.9	25.1	2	67	264	9	500	5625	0	-22.2	14.6	0	63	277	8
700	3103	2	1.6	26.9	4	63	265	6	700	3086	0	-3.7	19.9	1	45	270	5	700	3061	0	-4.7	16.4	0	65	283	7
850	1521	1	6.8	3.9	6	25	178	2	850	1529	0	4.0	9.9	1	45	276	4	850	1512	0	2.4	7.6	0	48	292	5
1019	* 2		18.6	6.1					1019	* 27		15.6	5.7					1021	* 12		13.3	4.8				
SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 SEP 1999 4625S 16819W OB 1								SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 SEP 1999 4357S 17634W OB 1								SW PACIFIC - NEW ZEALAND KERMADEC IS. 93997 SEP 1999 2915S 17755W OB 1										
030	23745	9	-55.4						030									030								
050	20506	4	-55.9		5	97	260	24	050	20508	4	-56.6						050	20630	8	-60.5					
100	16100	3	-56.3		3	95	263	22	100	16117	1	-56.6						100	16393	2	-66.9		7	96	270	19
150	13525	0	-55.4		0	91	260	20	150	13541	0	-55.9						150	13926	2	-62.7		5	98	270	38
200	11694	0	-56.7		0	80	260	16	200	11706	0	-55.5						200	12126	1	-55.5		5	96	273	46
300	9098	0	-49.6		0	61	260	13	300	9114	0	-49.7						300	9451	0	-39.4		2	94	277	37
500	5572	0	-23.0	12.6	0	66	259	11	500	5579	0	-23.1	14.2					500	5769	0	-13.3	30.8	2	86	276	15
700	3020	0	-6.0	16.3	0	69	267	10	700	3025	0	-5.5	17.5					700	3138	0	1.1	22.4	2	59	262	6
850	1477	0	1.6	8.2	0	59	283	7	850	1477	0	2.1	8.1					850	1558	0	6.5	7.5	2	13	13	1
1018	* 4		10.7	3.7					1012	* 48		10.9	2.7					1018	* 49		18.6	6.9				



# UPPER AIR

# SEPTEMBER 1999

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
<b>SW PACIFIC - AUSTRALIA</b> <b>DARWIN AIRPORT</b> 94120 SEP 1999 1225S 13053E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>GOVE AIRPORT</b> 94150 SEP 1999 1217S 13649E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>BROOME AIRPORT</b> 94203 SEP 1999 1757S 12214E OB /								
030	23841	2	-56.8		2	15	211	1	030	23828	0	-57.6		0	16	298	1	030	23834	3	-56.4		0	92	91	7
050	20652	1	-62.9		2	94	258	7	050	20641	0	-63.7		0	93	260	8	050	20636	2	-62.9		0	56	170	3
100	16553	0	-79.6		2	40	112	3	100	16539	0	-79.4		0	31	165	3	100	16532	2	-79.1		0	81	275	8
150	14206	0	-68.6		1	30	158	3	150	14194	0	-68.8		0	45	186	4	150	14182	1	-67.9		0	89	265	14
200	12425	0	-54.2		1	16	186	1	200	12413	0	-54.3		0	51	212	4	200	12398	0	-54.2		0	90	270	17
300	9691	0	-31.3		1	31	187	2	300	9680	0	-31.7		0	37	207	3	300	9665	0	-31.8		0	96	270	17
500	5871	0	-5.9	23.0	1	37	84	2	500	5867	0	-6.0	21.3	0	27	111	2	500	5856	0	-6.8	25.7	1	76	280	8
700	3163	0	8.6	18.7	0	89	108	8	700	3158	0	9.3	20.9	0	63	118	4	700	3168	0	6.9	11.9	0	39	9	3
850	1535	0	17.5	13.1	0	97	103	10	850	1532	0	16.0	10.2	0	97	100	9	850	1537	0	19.3	18.6	0	36	157	2
1011	* 31		26.7	5.6					1009	* 54		27.2	6.5					1013	* 7		22.4	7.2				
<b>SW PACIFIC - AUSTRALIA</b> <b>TOWNSVILLE AERO</b> 94294 SEP 1999 1915S 14645E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>WILLIS ISLAND</b> 94299 SEP 1999 1618S 14959E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>PORT HEDLAND PARDOO</b> 94312 SEP 1999 2022S 11838E OB /								
030	23845	1	-56.1		1	88	86	7	030	23831	0	-56.4		0	76	65	5	030								
050	20645	1	-63.3		1	61	123	2	050	20639	0	-63.7		0	38	248	2	050	20625	5	-63.2		6	53	151	3
100	16520	3	-75.9		1	91	261	14	100	16523	0	-77.6		0	81	260	8	100	16512	1	-77.4		2	91	275	13
150	14139	3	-67.0		1	92	255	23	150	14160	0	-68.1		0	87	253	15	150	14151	1	-67.6		1	95	276	24
200	12346	2	-53.8		1	92	254	25	200	12375	0	-54.2		0	87	255	16	200	12363	0	-54.0		1	95	273	28
300	9622	0	-33.6		0	90	253	22	300	9650	0	-32.9		2	82	257	15	300	9633	0	-32.4		1	99	277	27
500	5849	0	-8.2	20.1	0	81	250	10	500	5857	0	-6.6	19.3	0	74	268	8	500	5841	0	-8.1	19.7	1	92	278	13
700	3164	0	5.8	16.3	0	60	190	5	700	3157	0	8.2	15.4	0	39	256	2	700	3158	0	6.3	14.3	1	71	316	7
850	1554	0	12.7	9.0	0	77	101	5	850	1537	0	13.7	7.8	0	79	116	5	850	1534	0	17.8	18.6	1	45	304	3
1019	* 9		25.3	10.9					1016	* 6		25.6	6.1					1014	* 9		20.6	13.4				
<b>SW PACIFIC - AUSTRALIA</b> <b>ALICE SPRINGS AERO</b> 94326 SEP 1999 2348S 13353E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>MT ISA AERO</b> 94332 SEP 1999 2041S 13929E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>GERALDTON AIRPORT</b> 94403 SEP 1999 2848S 11442E OB /								
030	23855	0	-55.9		0	95	90	11	030	23833								030	23885	4	-53.6		6	91	90	12
050	20646	0	-61.7		0	84	84	7	050	20631	6	-63.1		7	79	103	5	050	20644	3	-60.0		4	50	97	4
100	16489	0	-73.9		0	94	264	19	100	16506	0	-76.3		0	88	264	11	100	16392	0	-66.9		0	95	276	19
150	14093	0	-66.1		0	94	263	31	150	14129	0	-67.0		0	91	252	24	150	13921	0	-61.8		0	97	277	39
200	12298	0	-53.7		0	96	258	37	200	12340	0	-54.1		0	92	250	28	200	12106	0	-52.9		0	97	278	48
300	9578	0	-35.0		0	94	259	32	300	9617	0	-33.7		0	89	252	24	300	9407	0	-38.6		0	94	280	38
500	5825	0	-10.8	13.0	0	89	255	15	500	5842	0	-8.3	21.1	1	80	256	11	500	5726	0	-14.5	21.2	0	89	283	18
700	3164	0	4.9	11.8	0	59	269	6	700	3167	0	4.9	14.1	0	63	194	5	700	3093	0	1.5	16.9	0	76	280	10
850	1548	0	14.7	16.9	1	35	19	3	850	1550	0	16.2	16.4	0	41	82	4	850	1510	0	7.6	9.8	0	37	268	4
956	* 546		21.5	21.0					979	* 340		24.6	23.1					1014	* 33		11.6	3.0				

# UPPER AIR

# SEPTEMBER 1999

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
<b>SW PACIFIC - AUSTRALIA</b> <b>MEEKATHARRA AIRPORT</b> 94430 SEP 1999 2637S 11833E OB 2									<b>SW PACIFIC - AUSTRALIA</b> <b>GILES</b> 94461 SEP 1999 2502S 12817E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>PERTH AIRPORT</b> 94610 SEP 1999 3156S 11558E OB /										
030									030	23858	1	-55.4			3	94	91	12	030	23911	3	-52.6			6	80	95	10
050									050	20641	0	-61.4			2	83	96	6	050	20647	2	-57.7			3	14	51	1
100	16440	7	-71.1		8	97	276	22	100	16474	0	-72.8			0	94	270	15	100	16333	0	-63.1			1	93	280	22
150	14010	4	-64.4		6	98	275	40	150	14067	0	-65.7			0	97	269	36	150	13817	0	-58.9			0	97	281	38
200	12207	3	-53.7		5	98	276	46	200	12271	0	-53.8			0	96	266	42	200	11988	0	-53.1			0	95	280	43
300	9492	1	-35.9		3	97	278	40	300	9555	0	-35.0			0	97	268	37	300	9316	0	-41.6			0	91	280	34
500	5774	1	-12.8	18.6	3	92	283	20	500	5813	0	-11.8	12.2		0	92	273	16	500	5671	0	-17.1	20.1		0	80	285	18
700	3124	0	3.3	13.2	3	80	294	11	700	3157	0	4.6	13.8		0	77	294	8	700	3064	0	-1.0	13.4		0	66	282	9
850	1525	0	10.7	14.9	3	48	318	5	850	1543	0	14.9	18.1		1	25	7	2	850	1496	0	5.3	9.2		0	52	277	5
958	* 517		14.9	12.4					950	* 598		19.7	19.3						1016	* 31		10.9	3.0					
<b>SW PACIFIC - AUSTRALIA</b> <b>EUCLA</b> 94647 SEP 1999 3141S 12853E OB									<b>SW PACIFIC - AUSTRALIA</b> <b>COBAR</b> 94711 SEP 1999 3129S 14550E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>SYDNEY AIRPORT</b> 94767 SEP 1999 3356S 15110E OB										
030									030										030									
050	20661	7	-57.8		7	17	85	1	050										050									
100	16370	0	-64.2		1	95	278	21	100	16369	9	-64.4							100						7	90	262	14
150	13867	0	-59.6		0	97	271	38	150	13867	8	-59.4							150						6	93	262	25
200	12042	0	-52.6		0	96	272	45	200	12031	4	-53.4			6	92	258	37	200						5	93	257	29
300	9358	0	-40.7		0	90	274	36	300	9359	3	-40.9			5	89	261	31	300						2	86	263	24
500	5705	0	-15.8	17.1	0	84	274	18	500	5719	0	-17.5	14.6		3	75	256	12	500						1	71	264	9
700	3091	0	.3	13.7	0	78	282	11	700	3118	0	-1.2	9.2		3	61	269	6	700						1	58	267	6
850	1510	0	8.6	11.2	0	52	274	5	850	1543	0	8.1	11.3		3	49	296	4	850						1	51	278	4
1006	* 102		14.8	7.2					990	* 264		18.1	12.7						9999	* 5								
<b>SW PACIFIC - AUSTRALIA</b> <b>WILLIAMTOWN AERODROME</b> 94776 SEP 1999 3248S 15150E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>ALBANY AIRPORT</b> 94802 SEP 1999 3456S 11748E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>MOUNT GAMBIER AERO</b> 94821 SEP 1999 3744S 14047E OB /										
030	23904	10	-54.3						030	23923	5	-51.7			7	58	100	6	030	23938	7	-52.4			7	10	269	1
050	20662	6	-58.1		8	18	130	1	050	20645	4	-55.7			5	43	306	3	050	20658	4	-55.6			4	53	277	5
100	16356	0	-61.6		1	93	264	14	100	16276	0	-59.8			0	92	276	21	100	16279	2	-58.4			2	95	271	18
150	13823	0	-57.4		1	94	263	27	150	13729	0	-56.6			0	96	275	34	150	13714	0	-55.3			0	93	270	24
200	11986	0	-53.2		1	92	260	31	200	11887	0	-52.9			0	93	278	38	200	11868	0	-53.2			0	91	268	27
300	9325	0	-43.4		1	87	262	24	300	9230	0	-44.1			0	84	277	29	300	9230	0	-46.1			0	70	274	17
500	5708	0	-18.4	13.8	1	72	264	9	500	5624	0	-19.4	15.8		0	72	276	16	500	5643	0	-20.2	13.2		0	68	291	11
700	3114	0	-2.1	11.2	1	53	254	5	700	3038	0	-2.7	13.1		0	70	278	10	700	3062	0	-3.1	15.5		0	66	288	8
850	1546	0	6.8	7.3	3	53	276	4	850	1478	0	3.8	6.3		0	67	278	8	850	1499	0	5.1	8.9		0	60	296	6
1022	* 8		17.0	4.7					1008	* 69		10.4	2.5						1011	* 69		12.3	3.7					



# UPPER AIR

# SEPTEMBER 1999

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		%	°	mps	hPa	gpm		°C	°C		%	°	mps	hPa	gpm		°C	°C		%	°	mps	
SW PACIFIC - AUSTRALIA (OCEAN ISLANDS) COCOS ISLAND AERO 96996 SEP 1999 1211S 09649E OB 3																											
030	23783	3	-57.2		9	15	201	1																			
050	20607	1	-65.1		4	90	271	9																			
100	16514	1	-78.8		4	25	174	2																			
150	14167	1	-68.7		4	92	7	13																			
200	12388	1	-54.8		4	84	340	10																			
300	9660	1	-31.9		4	52	305	3																			
500	5845	1	-5.9	18.7	5	16	191	1																			
700	3140	1	8.3	12.6	7	64	84	3																			
850	1513	1	14.9	3.1	7	95	98	8																			
1012	* 3		25.3	3.8																							

# STATION LIST RECENT DATA

06030	C	AALBORG	DENMARK & FAROE IS.	08360	C	ALICANTE/ELALTET	SPAIN
04220	CT	AASIAAT (EGEDESMINDE)	GREENLAND	94326	CT	ALICE SPRINGS AERO	AUSTRALIA
40831	C	ABADAN	IRAN, ISLAMIC REP	42475	C	ALLAHABAD/BAMHRAULI	INDIA
47409	C	ABASHIRI	JAPAN	72517	C	ALLEN TOWN/A.-BETHLEHEM-.,PA.	USA
03091	C	ABERDEEN/DYCEAIRPORT	U KINGDOM	36870	CT	ALMATY	KAZAKHSTAN
03502	C	ABERPORTH	U KINGDOM	08487	C	ALMERIA/AEROPUERTO	SPAIN
41112	C	ABHA	SAUDI ARABIA	82965	T	ALTA FLORESTA (AEROPORTO)	BRAZIL
65578	C	ABIDJAN	COTE D'IVOIRE	44277	C	ALTAI	MONGOLIA
72266	C	ABILENE/MUN.,TX.	USA	51076	C	ALTAY	CHINA
41217	CT	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	42071	C	AMRITSAR	INDIA
62640	C	ABU HAMED	SUDAN	25563	C	ANADYR'	RUSSIAN FEDERATION
62795	C	ABU NA'AMA	SUDAN	67019	C	ANALALAVA	MADAGASCAR
76805	C	ACAPULCO,GRO.	MEXICO	70273	CT	ANCHORAGE/INT.	USA
80427	C	ACARIGUA	VENEZUELA	91568	C	ANEITYUM	VANUATU
65472	C	ACCRA	GHANA	17130	CT	ANKARA/CENTRAL	TURKEY
63450	C	ADDIS ABABA-BOLE	ETHIOPIA	60360	C	ANNABA	ALGERIA
60620	C	ADRAR	ALGERIA	70398	C	ANNETTEISLAND	USA
76644	C	AEROP.INTERNACIONALMERIDA,	MEXICO	84542	C	ANTA (HUARAZ)	PERU
87582	C	AEROPARQUEBS. AS. AERO	ARGENTINA	17300	C	ANTALYA	TURKEY
17190	C	AFYON	TURKEY	67083	CT	ANTANANARIVO/IVATO	MADAGASCAR
61024	C	AGADEZ	NIGER	85442	CT	ANTOFAGASTA	CHILE
61974	C	AGALEGA	MAURITIUS	47575	C	AOMORI	JAPAN
62055	C	AGEDBAIA	LIBYAN ARAB JAMAHIR	98232	C	APARRI	PHILIPPINES
42261	C	AGRA	INDIA	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
31168	C	AJAN	RUSSIAN FEDERATION	80099	C	ARAUCA/SANTIAGOPEREZ	COLOMBIA
47582	CT	AKITA	JAPAN	83579	C	ARAXA	BRAZIL
42933	C	AKOLA	INDIA	84752	C	AREQUIPA	PERU
72521	C	AKRON/AKRON-CANTONREG., OH.	USA	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
04063	C	AKUREYRI	ICELAND	85406	C	ARICA	CHILE
04082	C	AKURNES	ICELAND	86330	C	ARTIGAS	URUGUAY
40420	C	AL AHSA	SAUDI ARABIA	44288	C	ARVAIHEER	MONGOLIA
41055	C	AL BAHA	SAUDI ARABIA	60452	C	ARZEW	ALGERIA
40373	C	AL QAYSUMAH	SAUDI ARABIA	47407	C	ASAHIKAWA	JAPAN
40361	C	AL-JOUF	SAUDI ARABIA	72315	C	ASHEVILLE/MUN.,NC	USA
08280	C	ALBACETE/LOSLLANOS	SPAIN	62414	CT	ASSWAN	EGYPT
94802	CT	ALBANY AIRPORT	AUSTRALIA	34880	C	ASTRAHAN'	RUSSIAN FEDERATION
72365	C	ALBUQUERQUE/INT.,NM.	USA	08011	C	ASTURIAS/AVILES	SPAIN
31004	CT	ALDAN	RUSSIAN FEDERATION	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
40007	C	ALEPPO INT. AIRPORT	SYRIAN ARAB REP	65376	C	ATAKPAME	TOGO
71082	T	ALERT UA, N.W.T.	CANADA	62680	C	ATBARA	SUDAN
08359	C	ALICANTE	SPAIN	17607	T	ATHALASSA	CYPRUS

# STATION LIST RECENT DATA

16716	C	ATHINAI(AIRPORT)	GREECE	44213	C	BARUUNTURUUN	MONGOLIA
72219	C	ATLANTA/MUN.,GA.	USA	98135	C	BASCO	PHILIPPINES
72407	C	ATLANTICCITY, NJ.	USA	86011	C	BASE 5 "GRAL.A.JARA"	PARAGUAY
91925	CT	ATUONA	FRENCHPOLY.	89057	C	BASE ARTUROPRAT	CHILE
35700	T	ATYRAY	KAZAKHSTAN	89059	C	BASE BERNARDOO'HIGGINS	CHILE
72218	C	AUGUSTA/BUSHFIELD, GA.	USA	60468	C	BATNA	ALGERIA
08210	C	AVILA	SPAIN	91557	C	BAUERFIELD(EFATE)	VANUATU
84673	C	AYACUCHO	PERU	44302	C	BAYAN-OVOO	MONGOLIA
08330	C	BADAJOZ/TALAVERALA REAL	SPAIN	44275	C	BAYANBULAG	MONGOLIA
30554	C	BAGDARIN	RUSSIAN FEDERATION	44352	C	BAYANDELGER	MONGOLIA
83980	C	BAGE	BRAZIL	44287	C	BAYANHONGOR	MONGOLIA
71727	C	BAGOTVILLE,QUE.	CANADA	60571	C	BECHAR	ALGERIA
98328	C	BAGUIO	PHILIPPINES	72412	C	BECKLEY(RALEIGHCTY.MUN),WV.	USA
87750	C	BAHIA BLANCA AERO	ARGENTINA	54511	CT	BEIJING	CHINA
86033	C	BAHIA NEGRA	PARAGUAY	60402	C	BEJAJA	ALGERIA
41150	C	BAHRAIN(INT. AIRPORT)	BAHRAIN	82191	C	BELEM	BRAZIL
44265	C	BAITAG	MONGOLIA	82193	T	BELEM (AEROPORTO)	BRAZIL
71926	CT	BAKER LAKE UA,N.W.T.	CANADA	03917	C	BELFAST/ALDERGROVEAIRPORT	U KINGDOM
35796	C	BALHASH	KAZAKHSTAN	43198	C	BELGAUM/SAMBRA	INDIA
17150	C	BALIKESIR	TURKEY	78583	C	BELIZE/PHILLIPGOLDSTONINTL	BELIZE
85874	C	BALMACEDA	CHILE	89050	C	BELLINGSHAUSEN	USSR
72406	C	BALTIMORE/BALTIMORE-WASHINGT	USA	03976	C	BELMULLET	IRELAND
61291	CT	BAMAKO/SENOU	MALI	83587	C	BELO HORIZONTE	BRAZIL
64660	C	BAMBARI	CENTRALAFRICAN REP	82246	C	BELTERRA	BRAZIL
71122	C	BANFF,ALTA.	CANADA	40180	C	BEN-GURIONINT. AIRPORT	ISRAEL
43295	C	BANGALORE	INDIA	60602	C	BENI ABBES	ALGERIA
64656	C	BANGASSOU	CENTRALAFRICAN REP	60518	C	BENI-SAF	ALGERIA
48455	CT	BANGKOK	THAILAND	13274	C	BEOGRAD	YUGOSLAVIA
64650	CT	BANGUI	CENTRALAFRICAN REP	64600	C	BERBERATI	CENTRALAFRICAN REP
82784	C	BARBALHA	BRAZIL	01317	C	BERGEN/FLORIDA	NORWAY
80419	C	BARCELONA	VENEZUELA	10384	C	BERLIN-TEMPELHOF	GERMANY
08181	C	BARCELONA/AEROPUERTO	SPAIN	40179	T	BET DAGAN	ISRAEL
87765	C	BARILOCHEAERO	ARGENTINA	70219	C	BETHEL/BETHELAIRPORT, AK.	USA
80440	C	BARINAS	VENEZUELA	68461	C	BETHLEHEM	SOUTH AFRICA
29838	C	BARNAUL	RUSSIAN FEDERATION	40100	C	BEYROUTH(AEROPORT)	LEBANON
80410	C	BARQUISIMETO	VENEZUELA	42971	CT	BHUBANESWAR	INDIA
82571	C	BARRADO CORDA	BRAZIL	12295	C	BIALYSTOK	POLAND
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	42165	C	BIKANER	INDIA
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	08025	C	BILBAO/SONDICA	SPAIN
83236	C	BARREIRAS	BRAZIL	72677	C	BILLINGS/LOGANINT., MT.	USA
70026	C	BARROW/W.POST W. ROGERS	USA	72515	C	BINGHAMTON/BROOME CO., NY.	USA
70086	C	BARTER ISLAND	USA	96441	CT	BINTULU	MALAYSIA
44305	C	BARUUN-URT	MONGOLIA	61401	C	BIR MOGHREIN	MAURITANIA
44241	C	BARUUNKHARAA	MONGOLIA	64658	C	BIRAO	CENTRALAFRICAN REP

# STATION LIST RECENT DATA

61075	C	BIRNI-N' KONNI	NIGER	10453	C	BROCKEN	GERMANY
41084	C	BISHA	SAUDI ARABIA	94203	CT	BROOME AIRPORT	AUSTRALIA
60525	C	BISKRA	ALGERIA	72250	C	BROWNSVILLE/INT.,TX.	USA
72764	CT	BISMARCK/MUN.,ND.	USA	96315	CT	BRUNEI AIRPORT	BRUNEIDARUSSALAM
15085	C	BISTRITA	ROMANIA	80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA
01028	CT	BJORNOYA	NORWAY	15420	CT	BUCURESTI/IMH	ROMANIA
31510	C	BLAGOVESCENSK	RUSSIAN FEDERATION	12843	CT	BUDAPEST/LORINC	HUNGARY
68442	C	BLOEMFONTEIN AIRPORT	SOUTH AFRICA	87585	C	BUENOS AIRES OBSERVATORIO	ARGENTINA
74492	C	BLUE HILL OBS., MA.	USA	72528	C	BUFFALO/GREATER BUFFALO, NY.	USA
82024	C	BOA VISTA	BRAZIL	67964	C	BULAWAYO(GOETZ OBSY.)	ZIMBABWE
65510	C	BOBO-DIOULASSO	BURKINA FASO	44239	C	BULGAN	MONGOLIA
01152	CT	BODO	NORWAY	08075	C	BURGOS/VILLAFRIA	SPAIN
80222	CT	BOGOTA/ELDORADO	COLOMBIA	72617	C	BURLINGTON/INTL.,VT.	USA
29282	C	BOGUCANY	RUSSIAN FEDERATION	17116	C	BURSA	TURKEY
65338	C	BOHICON	BENIN	98330	C	CABANATUAN	PHILIPPINES
72681	C	BOISE/MUN.,ID.	USA	08261	C	CACERES	SPAIN
87640	C	BOLIVAR AERO	ARGENTINA	08452	C	CADIZ	SPAIN
83288	CT	BOM JESUS DA LAPA	BRAZIL	07027	C	CAEN	FRANCE
43057	C	BOMBAY/COLABA	INDIA	16560	CT	CAGLIARI/ELMAS	ITALY
43003	T	BOMBAY/SANTACRUZ	INDIA	94287	C	CAINES AERO	AUSTRALIA
31253	C	BOMNAK	RUSSIAN FEDERATION	84472	C	CAJAMARCA	PERU
65545	C	BONDOUKOU	COTE D'IVOIRE	80442	C	CALABOZO	VENEZUELA
23884	C	BOR	RUSSIAN FEDERATION	42807	C	CALCUTTA/ALIPORE	INDIA
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	42809	T	CALCUTTA/DUMDUM	INDIA
60686	C	BORDJI B.MOKHTAR	ALGERIA	80259	C	CALI/ALFONSO BONILLA ARAGON	COLOMBIA
65516	C	BOROMO	BURKINA FASO	68618	C	CALVINIA	SOUTH AFRICA
64610	C	BOSSANGO	CENTRAL AFRICAN REP	03808	T	CAMBORNE	U KINGDOM
64605	C	BOSSEMBELE	CENTRAL AFRICAN REP	71925	T	CAMBRIDGE BAY UA, N.W.T.	CANADA
72509	C	BOSTON/LOGAN INT., MA	USA	83611	C	CAMPO GRANDE	BRAZIL
60515	C	BOU-SAADA	ALGERIA	83612	T	CAMPO GRANDE (AEROPORTO)	BRAZIL
65555	C	BOUAKE	COTE D'IVOIRE	83698	C	CAMPOS	BRAZIL
64601	C	BOUAR	CENTRAL AFRICAN REP	17112	C	CANAKKALE	TURKEY
61296	C	BOUGOUNI	MALI	71910	C	CAPE DORSET, N.W.T.	CANADA
60417	C	BOUIRA	ALGERIA	71094	C	CAPE DYER, N.W.T.	CANADA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	72304	C	CAPE HATTERAS, NC.	USA
61461	C	BOUTILIMIT	MAURITANIA	68816	CT	CAPE TOWN INTNL. AIRPORT	SOUTH AFRICA
08575	C	BRAGANCA	PORTUGAL	16522	C	CAPO CACCIA	ITALY
83377	C	BRASILIA	BRAZIL	80416	C	CARACAS/LACARLOTA	VENEZUELA
30309	C	BRATSK	RUSSIAN FEDERATION	80415	C	CARACAS/MAIQUETIAAEROP. INT	VENEZUELA
64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO	83592	C	CARATINGA	BRAZIL
07110	CT	BREST	FRANCE	83498	CT	CARAVELAS	BRAZIL
64655	C	BRIA	CENTRAL AFRICAN REP	72712	C	CARIBOU/MUN.,ME.	USA
16320	CT	BRINDISI	ITALY	82765	C	CAROLINA	BRAZIL
11723	C	BRNO/TURANY	CZECH REP	86580	C	CARRASCO	URUGUAY

# STATION LIST RECENT DATA

80432	C	CARRIZAL	VENEZUELA	84531	C	CHIMBOTE	PERU
80022	C	CARTAGENA/RAFAELNUNEZ	COLOMBIA	30758	CT	CHITA	RUSSIAN FEDERATION
71818	C	CARTWRIGHT,NFLD.	CANADA	41977	T	CHITTAGONG(AMBAGAN)	BANGLADESH
60155	CT	CASABLANCA	MOROCCO	60425	C	CHLEF	ALGERIA
03967	C	CASEMENT AERODROME	IRELAND	44259	C	CHOIBALSAN	MONGOLIA
89611	CT	CASEY	AUSTRALIA	44298	C	CHOIR	MONGOLIA
72569	C	CASPER/NATRONACOUNTY I.,WY.	USA	21946	C	CHOKURDAH	RUSSIAN FEDERATION
08286	C	CASTELLON	SPAIN	47648	C	CHOSHI	JAPAN
87222	C	CATAMARCAAERO.	ARGENTINA	93780	C	CHRISTCHURCH	N ZEALAND
83676	C	CATANDUVA	BRAZIL	48517	C	CHUMPHON	THAILAND
16459	C	CATANIA/SIGONELLA	ITALY	47101	C	CHUNCHON	REP KOREA
81405	C	CAYENNE/ROCHAMBEAU	FRENCH GUIANA	71913	CT	CHURCHILLUA,MAN.	CANADA
94653	C	CEDUNA AIRPORT	AUSTRALIA	72421	C	CINCINNATI/GREATERCIN., OH.	USA
89056	C	CENTROMET.ANTARTICO''PDTE.ED	CHILE	80444	C	CIUDAD BOLIVAR	VENEZUELA
87257	C	CERES AERO	ARGENTINA	86248	C	CIUDAD DEL ESTE	PARAGUAY
60320	C	CEUTA	SPAIN	08348	C	CIUDAD REAL	SPAIN
84444	C	CHACHAPOYAS	PERU	15120	CT	CLUJ-NAPOCA	ROMANIA
87320	C	CHAMICAL AERO	ARGENTINA	71090	C	CLYDE,N.W.T.	CANADA
48480	C	CHANTHABURI	THAILAND	82425	C	COARI	BRAZIL
72414	C	CHARLESTON/KANAWHA.,WV.	USA	94711	CT	COBAR	AUSTRALIA
72208	C	CHARLESTON/MUN.,SC.	USA	85041	C	COBIJA	BOLIVIA
72314	C	CHARLOTTE/DOUGLAS,NC.	USA	43353	T	COCHIN/WILLINGDON	INDIA
71706	C	CHARLOTTETOWN,P.E.I.	CANADA	96996	CT	COCOS ISLAND AERO	AUSTRALIA
93986	T	CHATHAMISLAND	N ZEALAND	94791	C	COFFS HARBOUR MO	AUSTRALIA
93987	C	CHATHAMISLANDS AWS	N ZEALAND	70316	CT	COLD BAY	USA
74494	T	CHATHAM,MA	USA	43466	C	COLOMBO	SRI LANKA
72324	C	CHATTANOOGA/LOVELLFIELD, TN	USA	86560	C	COLONIA	URUGUAY
11406	C	CHEB	CZECH REP	76458	C	COLONIA JUAN CARRAS-COMAZAT	MEXICO
47184	C	CHEJU	REP KOREA	72310	C	COLUMBIA,SC.	USA
47185	T	CHEJU UPPER/RADAR	REP KOREA	72445	C	COLUMBIA/REGIONAL,MO.	USA
56294	C	CHENGDU	CHINA	72428	C	COLUMBUS/PORTCOLUMBUS, OH.	USA
87322	C	CHEPES	ARGENTINA	63333	C	COMBOLCHA	ETHIOPIA
42515	C	CHERRAPUNJI	INDIA	76848	C	COMITAN,CHIS.	MEXICO
76750	C	CHETUMAL,Q.ROO	MEXICO	87860	CT	COMODOR RIVADAVIA AERO	ARGENTINA
72564	C	CHEYENNE, WY.	USA	82861	C	CONCEICAO DO ARAGUAIA	BRAZIL
41768	C	CHHOR	PAKISTAN	86134	C	CONCEPCION	PARAGUAY
48327	CT	CHIANG MAI	THAILAND	85682	C	CONCEPCION	CHILE
71822	C	CHIBOUGAMAUCHAPAI, QUE.	CANADA	85196	C	CONCEPCION	BOLIVIA
72530	C	CHICAGO/O'HARE,IL.	USA	72605	C	CONCORD/MUN.,NH.	USA
47971	CT	CHICHIJIMA	JAPAN	87395	C	CONCORDIA AERO	ARGENTINA
84452	C	CHICLAYO	PERU	15480	CT	CONSTANTA	ROMANIA
67693	C	CHILEKA	MALAWI	60419	C	CONSTANTINE	ALGERIA
85672	C	CHILLAN	CHILE	85470	C	COPIAPO	CHILE
38262	C	CHIMBAJ	UZBEKISTAN	71915	CT	CORAL HARBOUR UA, N.W.T.	CANADA



# STATION LIST RECENT DATA

87344	CT	CORDOBA AERO	ARGENTINA	97230	C	DENPASAR/NGURAH-RAI	INDONESIA P
08410	C	CORDOBA/AEROPUERTO	SPAIN	41624	C	DERA ISMAIL KHAN	PAKISTAN
03955	C	CORK AIRPORT	IRELAND	72546	C	DES MOINES/MUN.,IA.	USA
80403	C	CORO	VENEZUELA	72537	C	DETROIT/METROPOLITANMI.	USA
72251	C	CORPUS CHRISTI/INT.,TX.	USA	40416	C	DHAHRAN	SAUDI ARABIA
87166	C	CORRIENTESAERO.	ARGENTINA	41923	T	DHAKA	BANGLADESH
17084	C	CORUM	TURKEY	44477	C	DHANKUTA	NEPAL
83552	C	CORUMBA	BRAZIL	42314	C	DIBRUGARH/MOHANBARI	INDIA
65344	C	COTONOU	BENIN	61967	T	DIEGO GARCIA	OCEAN ISLANDS
85864	C	COYHAIQUE	CHILE	61085	C	DIFFA	NIGER
15450	C	CRAIOVA	ROMANIA	65562	C	DIMBOKRO	COTE D'IVOIRE
82583	C	CRATEUS	BRAZIL	89054	C	DINAMET-URUGUAY	URUGUAY
82704	C	CRUZEIRO DO SUL	BRAZIL	63471	C	DIREDAWA	ETHIOPIA
80097	C	CUCUTA/CAMILODAZA	COLOMBIA	17280	CT	DIYARBAKIR	TURKEY
08231	C	CUENCA	SPAIN	60670	C	DJANET	ALGERIA
83361	CT	CUIABA	BRAZIL	60535	C	DJELFA	ALGERIA
80420	C	CUMANA	VENEZUELA	63125	C	DJIBOUTI	DJIBOUTI
85629	C	CURICO	CHILE	63862	C	DODOMA	U REP TANZANIA
83842	C	CURITIBA	BRAZIL	87648	C	DOLORES AERO	ARGENTINA
83840	T	CURITIBA (AEROPORTO)	BRAZIL	62650	C	DONGOLA	SUDAN
84686	C	CUZCO	PERU	65501	C	DORI	BURKINA FASO
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	64910	T	DOUALA R.S.	CAMEROON
98325	C	DAGUPAN	PHILIPPINES	10486	T	DRESDEN	GERMANY
61641	CT	DAKAR/YOFF	SENEGAL	10488	C	DRESDEN-KLOTZSCHE	GERMANY
41712	C	DAL BANDIN	PAKISTAN	41194	C	DUBAI INTERNATIONALAIRPORT	U ARAB EMIRATES
44373	C	DALANZADGAD	MONGOLIA	03969	C	DUBLIN AIRPORT	IRELAND
72259	C	DALLAS-FORT WORTH/FORT.,TX.	USA	52836	C	DULAN	CHINA
42587	C	DALTONGANJ	INDIA	72745	C	DULUTH/INT.,MN.	USA
40080	C	DAMASCUS INT. AIRPORT	SYRIAN ARAB REP	89642	CT	DUMONT D'URVILLE	FRANCE
62805	C	DAMAZINE	SUDAN	68588	CT	DURBAN INTNL. AIRPORT	SOUTH AFRICA
04320	CT	DANMARKSHAVN	GREENLAND	42731	C	DWARKA	INDIA
65351	C	DAPAON	TOGO	24143	C	DZARDZAN	RUSSIAN FEDERATION
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	68858	C	EAST LONDON	SOUTH AFRICA
60390	C	DAR-EL-BEIDA	ALGERIA	94907	C	EAST SALE AIRPORT	AUSTRALIA
94120	CT	DARWIN AIRPORT	AUSTRALIA	62750	C	ED DUEIM	SUDAN
44256	C	DASHBALBAR	MONGOLIA	03160	C	EDINBURGH AIRPORT	U KINGDOM
71855	C	DAUPHIN,MAN.	CANADA	17050	C	EDIRNE	TURKEY
89571	CT	DAVIS	AUSTRALIA	71879	C	EDMONTON MUNICIPAL ALTA.	CANADA
72429	C	DAYTON/.COX, OH	USA	71119	T	EDMONTON STONY PLAIN, ALTA	CANADA
06260	CT	DE BILT	NETHERLANDS	40199	C	EILAT	ISRAEL
06235	C	DE KOOY	NETHERLANDS	28440	C	EKATERINBURG	RUSSIAN FEDERATION
12882	C	DEBRECEN	HUNGARY	62337	C	EL ARISH	EGYPT
65505	C	DEDOUGOU	BURKINA FASO	62760	C	EL FASHER	SUDAN
40045	C	DEIR EZZOR	SYRIAN ARAB REP	60590	C	EL GOLEA	ALGERIA

# STATION LIST RECENT DATA

60540	C	EL KHEITER	ALGERIA	71946	C	FORT SIMPSON,N.W.T.	CANADA
62771	C	EL OBEID	SUDAN	71934	T	FORT SMITH UA,N.W.T.	CANADA
60559	C	EL OUED	ALGERIA	72344	C	FORT SMITH/MUN.,AR.	USA
72270	C	EL PASO/INT.,TX.	USA	72533	C	FORT WAYNE/MUN.,BAERFL.,IN.	USA
80437	C	EL VIGIA	VENEZUELA	82397	CT	FORTALEZA	BRAZIL
60367	C	EL-KALA	ALGERIA	72389	C	FRESNO/AIR TERM.,CA.	USA
60550	C	ELBAYADH	ALGERIA	02226	C	FROSON	SWEDEN
12160	C	ELBLAG	POLAND	60035	C	FUERTEVENTURA/AEROPUERTO	SPAIN
63686	C	ELDORET	KENYA	47843	C	FUKUE	JAPAN
72486	C	ELY/YELLAND,NV.	USA	47807	CT	FUKUOKA	JAPAN
76256	C	EMPALME,SON	MEXICO	91643	CT	FUNAFUTI	TUVALU
62781	C	EN NAHUD	SUDAN	08522	CT	FUNCHAL	MADEIRA
86297	C	ENCARNACION	PARAGUAY	60765	C	GABES	TUNISIA
29263	C	ENISEJSK	RUSSIAN FEDERATION	60745	C	GAFSA	TUNISIA
65257	C	ENUGU	NIGERIA	65557	C	GAGNOA	COTE D'IVOIRE
24817	C	ERBOGACEN	RUSSIAN FEDERATION	44284	C	GAIUUT	MONGOLIA
44237	C	ERDENEMANDAL	MONGOLIA	15310	C	GALATI	ROMANIA
53068	C	ERENHOT	CHINA	83746	T	GALEAO	BRAZIL
10554	C	ERFURT-BINDERSLEBEN	GERMANY	72242	C	GALVESTON,TX.	USA
17092	C	ERZINCAN	TURKEY	94926	C	GANBERRAAMO	AUSTRALIA
17096	C	ERZURUM	TURKEY	71803	C	GANDER INT.AIRPORT,NFLD.	CANADA
40800	CT	ESFAHAN	IRAN, ISLAMIC REP	57993	C	GANZHOU	CHINA
03162	C	ESKDALEMUIR	U KINGDOM	61226	C	GAO	MALI
87803	C	ESQUEL AERO	ARGENTINA	65522	C	GAOUA	BURKINA FASO
60220	C	ESSAOUIRA	MOROCCO	62120	C	GARIATEL-SHARGHIA	LIBYAN ARAB JAMAHIR
10410	T	ESSEN	GERMANY	63723	C	GARISSA	KENYA
71862	C	ESTEVAN,SASK.	CANADA	40405	C	GASSIM	SAUDI ARABIA
71917	T	EUREKA UA, N.W.T.	CANADA	42410	CT	GAUHATI	INDIA
72594	C	EUREKA,CA.	USA	61099	C	GAYA	NIGER
72432	C	EVANSVILLE/REG.,IN.	USA	62752	C	GEDAREF	SUDAN
87576	CT	EZEIZA AERO	ARGENTINA	10628	C	GEISENHEIM	GERMANY
65507	C	FADA N'GOURMA	BURKINA FASO	62770	C	GENEINA	SUDAN
70261	C	FAIRBANKS/INT.	USA	87532	C	GENERAL PICO AERO	ARGENTINA
72753	C	FARGO/HECTORFIELD, ND.	USA	06700	C	GENEVE-COINTRIN	SWITZERLAND
76698	C	FELIPE CARRILLOPUERTO, Q.RO	MEXICO	68828	C	GEORGE AIRPORT	SOUTH AFRICA
11155	C	FEUERKOGEL	AUSTRIA	81001	C	GEORGETOWN	GUYANA
10578	C	FICHTELBERG	GERMANY	94403	CT	GERALDTONAIRPORT	AUSTRALIA
72637	C	FLINT/BISHOP,MI.	USA	08184	C	GERONA/COSTABRAVA	SPAIN
82678	C	FLORIANO	BRAZIL	60566	C	GHARDAIA	ALGERIA
83897	C	FLORIANOPOLIS	BRAZIL	62212	C	GHAT	LIBYAN ARAB JAMAHIR
82212	C	FONTE BOA	BRAZIL	60517	C	GHAZAOUET	ALGERIA
87162	C	FORMOSA AERO	ARGENTINA	08495	CT	GIBRALTAR	GIBRALTAR
71932	C	FORT MCMURRAY,ALTA.	CANADA	08014	C	GIJON	SPAIN
71945	CT	FORT NELSON UA,B.C.	CANADA	94461	CT	GILES	AUSTRALIA

# STATION LIST RECENT DATA

17034	C	GIRESUN	TURKEY	17285	C	HAKKARI	TURKEY
93292	C	GISBORNE AERODROMEAWS	N ZEALAND	47430	C	HAKODATE	JAPAN
41140	C	GIZAN	SAUDI ARABIA	71081	CT	HALL BEACH UA,N.W.T.	CANADA
72768	C	GLASGOW/INTL.MT.	USA	89022	CT	HALLEY	U KINGDOM
20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION	94212	C	HALLS CREEK AMO	AUSTRALIA
43192	CT	GOA/PANJIM	INDIA	40030	C	HAMA	SYRIAN ARAB REP
87880	C	GOBERNADOR GREGORES AERO	ARGENTINA	47755	C	HAMADA	JAPAN
10499	C	GOERLITZ	GERMANY	43497	C	HAMBANTOTA	SRI LANKA
83423	C	GOIANIA	BRAZIL	10147	C	HAMBURG-FUHLBUETTEL	GERMANY
71816	CT	GOOSE UA,NFLD.	CANADA	52203	C	HAMI	CHINA
63403	C	GORE	ETHIOPIA	10338	C	HANNOVER	GERMANY
71733	C	GORE BAY,ONT.	CANADA	23933	CT	HANTY-MANSIJSK	RUSSIAN FEDERATION
02527	T	GOTEBORG/LANDVETTER	SWEDEN	02196	C	HAPARANDA	SWEDEN
02512	C	GOTEBORG/SAVE	SWEDEN	67774	T	HARARE (BELVEDERE)	ZIMBABWE
68906	CT	GOUGH ISLAND	SOUTH AFRICA	67775	C	HARARE (KUTSAGA)	ZIMBABWE
61045	C	GOURE	NIGER	02361	C	HARNOSAND	SWEDEN
94150	CT	GOVE AIRPORT	AUSTRALIA	72508	C	HARTFORD/BRADLEYINTL, CT.	USA
72476	C	GRAND JUNCTION/WALKERF.,CO.	USA	60581	C	HASSI-MESSAOUD	ALGERIA
72635	C	GRAND RAPIDS/KENTCO., MI.	USA	20891	C	HATANGA	RUSSIAN FEDERATION
78954	C	GRANTLEY ADAMS	BARBADOS	44207	C	HATGAL	MONGOLIA
11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	78988	CT	HATO AIRPORT,CURACAO	CURACAO AND BONAIRE
16253	C	GRAZZANISE	ITALY	71935	C	HAY RIVER,N.W.T.	CANADA
72645	C	GREEN BAY/A.-STRAUBEL,WI.	USA	72772	C	HELENA/COUNTY-CITYMT.	USA
72317	C	GREENSBORO/G.-HIGHPT., NC.	USA	02974	C	HELSINKI-VANTAA	FINLAND
72312	C	GREENVILLE/SPATANBURGSC	USA	62378	CT	HELWAN	EGYPT
10184	CT	GREIFSWALD	GERMANY	03496	T	HEMSBY	U KINGDOM
08226	C	GUADALAJARA	SPAIN	16754	C	HERAKLION(AIRPORT)	GREECE
87497	C	GUALEGUAYCHUAERO	ARGENTINA	91945	C	HEREHERETUE	FRENCH POLY.
76577	C	GUANAJUATO,GTO.	MEXICO	60001	C	HIERRO/AEROPUERTO	SPAIN
80428	C	GUANARE	VENEZUELA	71066	C	HIGH LEVEL, ALTA	CANADA
59287	C	GUANGZHOU	CHINA	91285	CT	HILO/GEN. LYMAN, HAWAII,	USA
80448	C	GUASDUALITO	VENEZUELA	94975	CT	HOBART AIRPORT	AUSTRALIA
60403	C	GUELMA	ALGERIA	10962	C	HOHENPEISSENBERG	GERMANY
80423	C	GUIRIA	VENEZUELA	93615	C	HOKITIKA AERODROMEAWS	N ZEALAND
02128	C	GUNNARN	SWEDEN	91520	C	HONIARA/HENDERSON	SOLOMON ISLANDS
40360	C	GURIAT	SAUDI ARABIA	91182	C	HONOLULU,OAHU, HAWAII	USA ISLANDS
40250	C	H-4 'IRWAISHED'	JORDAN	23219	C	HOSEDA-HARD	RUSSIAN FEDERATION
31735	C	HABAROVSK	RUSSIAN FEDERATION	51828	C	HOTAN	CHINA
47678	CT	HACHIJOJIMA	JAPAN	72243	C	HOUSTON/INTERCONTI-NENTAL,	USA
76692	C	HACIENDA YLANG YLANG VER.	MEXICO	44218	C	HOVD	MONGOLIA
40373	T	HAFR AL-BATIN	SAUDI ARABIA	84564	C	HUANUCO	PERU
59758	C	HAIKOU	CHINA	08383	C	HUELVA	SPAIN
40394	CT	HAIL	SAUDI ARABIA	44285	C	HUJIRT	MONGOLIA
50527	CT	HAILAR	CHINA	72425	C	HUNTINGTON,WV	USA

# STATION LIST RECENT DATA

72654	C	HURON/HURONREGIONAL,SD.	USA	83186	C	JACOBINA	BRAZIL
44232	C	HUTAG	MONGOLIA	43041	C	JAGDALPUR	INDIA
41765	C	HYDERABAD	PAKISTAN	24959	CT	JAKUTSK	RUSSIAN FEDERATION
43128	CT	HYDERABADAIRPORT	INDIA	01001	CT	JAN MAYEN	NORWAY
15090	C	IASI	ROMANIA	41024	CT	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA
80214	C	IBAGUE/PERALES	COLOMBIA	60725	C	JENDOUBA	TUNISIA
08373	C	IBIZA/ES CODOLA	SPAIN	08451	C	JEREZ DE LA FRONTERA AERO.	SPAIN
32411	C	ICA	RUSSIAN FEDERATION	41598	C	JHELUM	PAKISTAN
83821	C	IGUAPE	BRAZIL	60351	C	JIJEL ACHOUAT	ALGERIA
87097	C	IGUAZU AERO	ARGENTINA	60353	C	JIJEL PORT	ALGERIA
60640	C	ILLIZI	ALGERIA	63402	C	JIMMA	ETHIOPIA
04339	CT	ILLOQQORTOORMIUT(SCORESBSYU	GREENLAND	52533	C	JIUQUAN	CHINA
98637	C	ILOILO	PHILIPPINES	41756	C	JIWANI	PAKISTAN
31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION	83481	C	JOAO PINHEIRO	BRAZIL
64459	C	IMPFONDO	CONGO	42339	CT	JODHPUR	INDIA
60611	C	IN AMENAS	ALGERIA	02929	C	JOENSUU	FINLAND
60630	C	IN SALAH	ALGERIA	68368	C	JOHANNESBURGINT. AIRPORT	SOUTH AFRICA
60690	C	IN-GUEZZAM	ALGERIA	02963	CT	JOKIOINEN	FINLAND
72438	C	INDIANAPOLIS(I.-MUN/WEI.,IN.	USA	02550	C	JONKOPING/AXAMO	SWEDEN
42754	C	INDORE	INDIA	78762	CT	JUAN SANTAMARIA	COSTA RICA
11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA	84474	C	JUANJUI	PERU
72747	CT	INT.FALLS/FALLSINT.MN.	USA	87046	C	JUJU Y AERO	ARGENTINA
71907	CT	INUKJUAK,QUE	CANADA	84735	C	JULIACA	PERU
71957	CT	INUVIK UA,N.W.T.	CANADA	78866	CT	JULIANA AIRPORT,ST. MAARTEN	ST.MAARTEN,ST.EUST
93844	CT	INVERCARGILLAERODROME	N ZEALAND	87548	C	JUNIN AERO	ARGENTINA
80370	C	IPIALES/SAN LUIS	COLOMBIA	32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION
71909	CT	IQUALUIT,N.W.T.	CANADA	02935	CT	JYVASKYLA	FINLAND
84377	C	IQUITOS	PERU	67663	C	KABWE	ZAMBIA
83881	C	IRAI	BRAZIL	47827	CT	KAGOSHIMA	JAPAN
83836	C	IRATI	BRAZIL	17255	C	KAHRAMANMARAS	TURKEY
68263	T	IRENE	SOUTH AFRICA	93678	C	KAIKOURA	N ZEALAND
30710	C	IRKUTSK	RUSSIAN FEDERATION	60735	C	KAIROUAN	TUNISIA
47918	CT	ISHIGAKIJIMA	JAPAN	93012	C	KAITAIA	N ZEALAND
85469	C	ISLA DE PASCUA	CHILE	02897	C	KAJAANI	FINLAND
85585	C	ISLA JUAN FERNANDEZ	CHILE	30469	C	KALAKAN	RUSSIAN FEDERATION
17240	CT	ISPARTA	TURKEY	16726	C	KALAMATA(AIRPORT)	GREECE
17062	CT	ISTANBUL/GOZTEPE	TURKEY	25744	C	KAMENSKOE	RUSSIAN FEDERATION
82445	C	ITAITUBA	BRAZIL	40001	C	KAMISHLI	SYRIAN ARAB REP
60010	C	IZANA	SPAIN	71887	C	KAMLOOPS,B.C.	CANADA
17220	CT	IZMIR/GUZELYALT	TURKEY	47605	C	KANAZAWA	JAPAN
47800	C	IZUHARA	JAPAN	65306	C	KANDI	BENIN
72235	C	JACKSON/ALLENC. THOMP.,MS.	USA	47105	C	KANGNUNG	REP KOREA
72206	C	JACKSONVILLE/INTNL.FL.	USA	22165	C	KANIN NOS	RUSSIAN FEDERATION
41715	C	JACOBABAD	PAKISTAN	61679	C	KAOLACK	SENEGAL

# STATION LIST RECENT DATA

71831	C	KAPUSKASING,ONT.	CANADA	06181	T	KOEBENHAVN/JAEGERSBORG	DENMARK & FAROE IS.
65357	C	KARA	TOGO	06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK & FAROE IS.
41780	C	KARACHI AIRPORT	PAKISTAN	61698	C	KOLDA	SENEGAL
35394	CT	KARAGANDA	KAZAKHSTAN	29231	CT	KOLPASEVO	RUSSIAN FEDERATION
02080	C	KARESUANDO	SWEDEN	10929	C	KONSTANZ	GERMANY
62660	C	KARIMA	SUDAN	17244	C	KONYA	TURKEY
10727	C	KARLSRUHE	GERMANY	25954	C	KORF	RUSSIAN FEDERATION
02418	C	KARLSTADFLYGPLATS	SWEDEN	65536	C	KORHOGO	COTE D'IVOIRE
17098	C	KARS	TURKEY	91408	C	KOROR, PALAU IS.	USA IVOIRE
67475	C	KASAMA	ZAMBIA	62772	C	KOSTI	SUDAN
51709	C	KASHI	CHINA	42452	C	KOTA AERODROME	INDIA
62730	C	KASSALA	SUDAN	48615	CT	KOTA BHARU	MALAYSIA
10438	C	KASSEL	GERMANY	96471	C	KOTA KINABALU	MALAYSIA
17074	C	KASTAMONU	TURKEY	70133	CT	KOTZEBUE,RALPH WIEN	USA
44454	C	KATHMANDU AIRPORT	NEPAL	91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA
26629	C	KAUNAS	LITHUANIA	61293	C	KOUTIALA	MALI
27595	CT	KAZAN'	RUSSIAN FEDERATION	43314	C	KOZHIKODE	INDIA
04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND	12566	C	KRAKOW	POLAND
60120	C	KENITRA	MOROCCO	60514	C	KSAR CHELLALA	ALGERIA
16641	C	KERKYRA (AIRPORT)	GREECE	48648	T	KUALA LUMPUR/PETALINGJAYA	MALAYSIA
93997	T	KERMADECIS.	N ZEALAND	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
40841	C	KERMAN	IRAN, ISLAMIC REP	48657	CT	KUANTAN	MALAYSIA
02805	C	KEVO	FINLAND	96413	CT	KUCHING	MALAYSIA
72201	C	KEY WEST/INT.,FL.	USA	62271	C	KUFRA	LIBYAN ARAB JAMAHIR
44313	C	KHALKH-GOL	MONGOLIA	56778	C	KUNMING	CHINA
41114	CT	KHAMIS MUSHAIT	SAUDI ARABIA	47418	C	KUSHIRO	JAPAN
34300	C	KHARKIV	UKRAINE	28952	CT	KUSTANAI	KAZAKHSTAN
62721	CT	KHARTOUM	SUDAN	71906	CT	KUUJUUAQ, QUE.	CANADA
60476	C	KHENCHELLA	ALGERIA	71905	C	KUUJUUARAPIK, QUE.	CANADA
61214	C	KIDAL	MALI	02869	C	KUUSAMO	FINLAND
64387	C	KIGALI	RWANDA	40582	CT	KUWAITINT'L AIRPORT	KUWAIT
02801	C	KILPISJARVI	FINLAND	91366	C	KWAJALEIN/BUCHOLZAAF, MARSH	USA
68438	C	KIMBERLEY	SOUTH AFRICA	47158	T	KWANGJU AB	REP KOREA
40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA	33345	C	KYIV	UKRAINE
70326	C	KING SALMON	USA	33393	C	L'VIV	UKRAINE
45004	CT	KING'S PARK	HONG KONG, CHINA	80476	C	LA CANADA	VENEZUELA
78397	C	KINGSTON/NORMANMANLEY	JAMAICA	08001	CT	LA CORUNA	SPAIN
03066	C	KINLOSS	U KINGDOM	08002	C	LA CORUNA/ALVEDRO	SPAIN
64210	C	KINSHASA/N'DJILI	DEMO. REP THE CONG	71823	T	LA GRANDEIV, QUE.	CANADA
30230	CT	KIRENSK	RUSSIAN FEDERATION	60005	C	LA PALMA/AEROPUERTO	SPAIN
61270	C	KITA	MALI	76405	C	LA PAZ, B.C.S.	MEXICO
11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	85201	C	LA PAZ/ALTO	BOLIVIA
26509	C	KLAJPEDA	LITHUANIA	87217	C	LA RIOJA AERO.	ARGENTINA
72326	C	KNOXVILLE/MUN.,TN.	USA	71922	C	LA RONGE,SASK	CANADA

# STATION LIST RECENT DATA

85488	C	LA SERENA	CHILE	08579	T	LISBOA/GAGOCOUTINHO	PORTUGAL
87534	C	LABOULAYE	ARGENTINA	08535	C	LISBOA/GEOF	PORTUGAL
96465	C	LABUAN	MALAYSIA	67743	C	LIVINGSTONE	ZAMBIA
60545	C	LAGHOUAT	ALGERIA	08084	C	LOGRONO/AGONCILLO	SPAIN
87903	C	LAGO ARGENTINO AERO	ARGENTINA	65387	C	LOME	TOGO
65201	C	LAGOS/IKEJA	NIGERIA	83766	C	LONDRINA	BRAZIL
41640	C	LAHORE CITY	PAKISTAN	94346	C	LONGREACH AIRPORT	AUSTRALIA
08508	T	LAJES/SANTARITA (ACORES)	PORTUGAL	94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA
72240	C	LAKE CHARLES/MUN.,LA.	USA	72295	C	LOS ANGELES/INT.,CA.	USA
72576	C	LANDER/HUNT,WY.	USA	72423	C	LOUISVILLE/STANDIFORD,KY.	USA
60040	C	LANZAROTE/AEROPUERTO	SPAIN	48930	C	LUANG-PRABANG	LAO PDR
52889	CT	LANZHOU	CHINA	72267	C	LUBBOCK/LUBBOCK INTL, TX.	USA
98223	C	LAOAG	PHILIPPINES	42369	T	LUCKNOW/AMAUSI	INDIA
16648	C	LARISSA (AIRPORT)	GREECE	06770	C	LUGANO	SWITZERLAND
17609	C	LARNACA AIRPORT	CYPRUS	08008	C	LUGO/ROZAS	SPAIN
87563	C	LAS FLORES AERO	ARGENTINA	16597	C	LUQA	MALTA
80241	C	LAS GAVIOTAS	COLOMBIA	06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG
87078	C	LAS LOMITAS	ARGENTINA	03740	C	LYNEHAM	U KINGDOM
60030	C	LAS PALMAS DE GRAN CAN./GAN.	SPAIN	71078	C	LYNN LAKE, MAN.	CANADA
72386	C	LAS VEGAS/MCCARRAN,NV.	USA	60467	C	M'SILA	ALGERIA
40022	C	LATTAKIA	SYRIAN ARAB REP	40310	C	MA'AN	JORDAN
94968	C	LAUNCESTON AIRPORT	AUSTRALIA	44294	C	MAANTI	MONGOLIA
94865	CT	LAVERTON RAAF	AUSTRALIA	82098	C	MACAPA	BRAZIL
78925	C	LE LAMENTIN	MARTINIQUE	43185	C	MACHILIPATNAM	INDIA
78897	CT	LE RAIZET, GUADELOUPE	ST.MARTIN,ST.BARTH	94367	C	MACKAY MO	AUSTRALIA
12120	CT	LEBA	POLAND	72217	C	MACON/LEWIS B.WILSON,GA.	USA
03257	C	LEEMING	U KINGDOM	94998	CT	MACQUARIE ISLAND	AUSTRALIA
98444	C	LEGASPI	PHILIPPINES	98646	C	MACTAN	PHILIPPINES
12374	T	LEGIONOWO	POLAND	40430	CT	MADINAH	SAUDI ARABIA
10469	C	LEIPZIG-SCHKEUDITZ	GERMANY	72641	C	MADISON/DANE COUNTY REGIONAL	USA
83242	C	LENCOIS	BRAZIL	43279	CT	MADRAS/MINAMBAKKAM	INDIA
08055	C	LEON/VIRGENDEL CAMINO	SPAIN	08221	CT	MADRID/BARAJAS	SPAIN
08171	C	LERIDA	SPAIN	08223	C	MADRID/CUATROVIENTOS	SPAIN
03005	CT	LERWICK	U KINGDOM	08224	C	MADRID/GETAFE	SPAIN
71874	C	LETHBRIDGE,ALTA.	CANADA	08227	C	MADRID/TORREJON	SPAIN
80398	CT	LETICIA/VASQUEZCOBO	COLOMBIA	47624	C	MAEBASHI	JAPAN
72422	C	LEXINGTON/BLUEGRASS, KY.	USA	40265	T	MAFRAQ	JORDAN
55591	CT	LHASA	CHINA	61091	C	MAGARIA	NIGER
91165	C	LIHUE, KAUAI, HAWAII	USA	85114	C	MAGDALENA	BOLIVIA
07015	C	LILLE	FRANCE	10361	C	MAGDEBURG	GERMANY
67586	C	LILONGWE INT'L AIRPORT	MALAWI	60522	C	MAGHNA	ALGERIA
84628	C	LIMA-CALLAO/AEROP.INTERNACI	PERU	61096	C	MAINE-SOROA	NIGER
10393	CT	LINDENBERG	GERMANY	67073	C	MAINTIRANO	MADAGASCAR
61627	C	LINGUERE	SENEGAL	47750	C	MAIZURU	JAPAN

# STATION LIST RECENT DATA

67027	C	MAJUNGA	MADAGASCAR	60437	C	MEDEA	ALGERIA
91376	C	MAJURO/MARSHALLS. INTL	USA CAR	72597	CT	MEDFORD/MEDFORD-JACKSON COU	USA
41030	C	MAKKAH	SAUDI ARABIA	71872	C	MEDICINE HAT,ALTA.	CANADA
65271	C	MAKURDI	NIGERIA	94430	C	MEEKATHARRAAIRPORT	AUSTRALIA
48665	C	MALACCA	MALAYSIA	10548	CT	MEININGEN	GERMANY
08482	C	MALAGA/AEROPUERTO	SPAIN	60150	C	MEKNES	MOROCCO
62840	C	MALAKAL	SUDAN	60338	C	MELILLA	SPAIN
87506	C	MALARGUEAERO	ARGENTINA	86440	C	MELO	URUGUAY
03980	C	MALIN HEAD	IRELAND	61250	C	MENAKA	MALI
65548	C	MAN	COTE D'IVOIRE	87418	C	MENDOZA AERO	ARGENTINA
78741	C	MANAGUA A.C.SANDINO	NICARAGUA	80425	C	MENE GRANDE	VENEZUELA
82331	C	MANAUS	BRAZIL	56985	C	MENGZI	CHINA
82332	T	MANAUS (AEROPORTO)	BRAZIL	08314	C	MENORCA/MAHON	SPAIN
03334	C	MANCHESTER AIRPORT	U KINGDOM	86490	C	MERCEDES	URUGUAY
44341	C	MANDALGOVI	MONGOLIA	80438	C	MERIDA	VENEZUELA
43285	T	MANGALORE/PANAMBUR	INDIA	72234	C	MERIDIAN/KEY,MS.	USA
65352	C	MANGO	TOGO	62306	CT	MERSA MATRUH	EGYPT
71722	T	MANIWAKI,QUE.	CANADA	17340	C	MERSIN	TURKEY
03797	C	MANSTON	U KINGDOM	16420	C	MESSINA	ITALY
76654	C	MANZANILLO,COL.	MEXICO	76680	C	MEXICO (CENTRAL),D.F.	MEXICO
87774	C	MAQUINCHAO	ARGENTINA	72202	C	MIAMI, FL.	USA
87692	C	MAR DEL PLATA AERO	ARGENTINA	60195	C	MIDELT	MOROCCO
82562	C	MARABA	BRAZIL	72265	C	MIDLAND/MIDLANDREG., TX.	USA
80407	C	MARACAIBO-LACHINITA	VENEZUELA	16080	T	MILANO/LINATE	ITALY
80413	C	MARACAY- B.A. SUCRE	VENEZUELA	94693	C	MILDURA AIRPORT	AUSTRALIA
61080	C	MARADI	NIGER	60430	C	MILIANA	ALGERIA
87467	C	MARCOS JUAREZ AERO	ARGENTINA	72640	C	MILWAUKEE/GEN.MITCHELL, WI.	USA
16325	C	MARINA DI GINOSA	ITALY	47945	CT	MINAMIDAITOJIMA	JAPAN
68994	CT	MARION ISLAND	SOUTH AFRICA	47991	CT	MINAMITORISHIMA	JAPAN
86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY	43369	CT	MINICOY	INDIA
72743	C	MARQUETTE,MI.	USA	65123	C	MINNA	NIGERIA
60230	C	MARRAKECH	MOROCCO	72658	C	MINNEAPOLIS/ST.PAULINTL,MN.	USA
61996	T	MARTIN DE VIVIES (ILE AMSTER	OCEAN ISLANDS	26850	C	MINSK	BELARUS
60506	C	MASCARA METMORE	ALGERIA	29866	C	MINUSINSK	RUSSIAN FEDERATION
40745	CT	MASHHAD	IRAN, ISLAMIC REP	96449	C	MIRI	MALAYSIA ERATION
41288	C	MASIRAH	OMAN	89592	CT	MIRNYJ	USSR N
61630	C	MATAM	SENEGAL	72773	C	MISSOULA/JOHNSON-BELLF.,MT.	USA
47741	C	MATSUE	JAPAN	62016	C	MISURATA	LIBYAN ARAB JAMAHIR
47618	C	MATSUMOTO	JAPAN	47585	C	MIYAKO	JAPAN
47887	C	MATSUYAMA	JAPAN	47927	C	MIYAKOJIMA	JAPAN
80435	C	MATURIN	VENEZUELA	47830	C	MIYAZAKI	JAPAN
89564	CT	MAWSON	AUSTRALIA	64665	C	MOBAYE	CENTRAL AFRICAN REP
70231	C	MCGRATH	USA	72223	C	MOBILE/BATESFIELD, AL.	USA
60549	C	MECHERIA	ALGERIA	30673	C	MOGOCA	RUSSIAN FEDERATION

# STATION LIST RECENT DATA

47165	C	MOKPO	REP KOREA	42867	CT	NAGPUR SONEGAON	INDIA
72544	C	MOLINE/QUADCITY, IL.	USA	47936	CT	NAHA	JAPAN
89542	C	MOLODEZNAJA	USSR	63740	C	NAIROBI/KENYATTA AIRPORT	KENYA
76342	C	MONCLOVA, COAH.	MEXICO	41128	C	NAJRAN	SAUDI ARABIA
67633	C	MONGU	ZAMBIA	48431	C	NAKHON RATCHASIMA	THAILAND
87393	C	MONTE CASEROS AERO	ARGENTINA	48400	C	NAKHONSAWAN	THAILAND
08003	C	MONTEFARO	SPAIN	62002	C	NALUT	LIBYAN ARAB JAMAHIR
78388	C	MONTEGO BAY/SANGSTER	JAMAICA	58606	C	NANCHANG	CHINA
76393	C	MONTERREY, N.L.	MEXICO	91680	CT	NANDI	FIJI
83437	C	MONTES CLAROS	BRAZIL	59431	C	NANNING	CHINA
72226	C	MONTGOMERY/DANNELLYAL.	USA	23205	C	NAR' JAN-MAR	RUSSIAN FEDERATION
71627	C	MONTREAL/DORVALINT'L, QUE	CANADA	04270	T	NARSARSUAQ	GREENLAND
71836	T	MOOSONEE, ONT.	CANADA	72327	CT	NASHVILLE/METROPOLITAN, TN.	USA
61265	C	MOPTI	MALI	78073	C	NASSAU AIRPORT	BAHAMAS
76665	C	MORELIA, MICH.	MEXICO	82598	C	NATAL	BRAZIL
08397	C	MORON DE LA FRONTERA	SPAIN	71813	C	NATASHQUAN, QUE.	CANADA
27612	CT	MOSKVA	RUSSIAN FEDERATION	65319	C	NATITINGOU	BENIN
60457	C	MOSTAGANEM VILLE	ALGERIA	91683	C	NAUSORI	FIJI
64706	C	MOUNDOU	CHAD	08215	C	NAVACERRADA	SPAIN
94821	CT	MOUNT GAMBIER AERO	AUSTRALIA	47909	CT	NAZE	JAPAN
88889	CT	MOUNT PLEASANT AIRPORT	UK FALKLAND ISLANDS	64700	CT	NDJAMENA	CHAD
63619	C	MOYALE	KENYA	80315	C	NEIVA/BENITOSALAS	COLOMBIA
94332	CT	MT ISA AERO	AUSTRALIA	61497	C	NEMA	MAURITANIA
63971	C	MTWARA	U REP TANZANIA	47420	CT	NEMURO	JAPAN
10870	C	MUENCHEN, FLUGHAFEN	GERMANY	10280	C	NEUBRANDENBURG	GERMANY
10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY	89002	CT	NEUMAYER	GERMANY
17292	C	MUGLA	TURKEY	87715	C	NEUQUENA AERO	ARGENTINA
42147	C	MUKTESHWARKUMAON	INDIA	10270	C	NEURUPPIN	GERMANY
41675	C	MULTAN	PAKISTAN	42182	CT	NEW DELHI/SAFDARJUNG	INDIA
08430	CT	MURCIA	SPAIN	72231	C	NEW ORLEANS/MOISANTINT., LA	USA
08429	C	MURCIA/ALCANTARILLA	SPAIN	93309	C	NEW PLYMOUTH AWS	N ZEALAND
08433	C	MURCIA/SAN JAVIER	SPAIN	72503	C	NEW YORK/LA GUARDIA, NY.	USA
44231	C	MUREN	MONGOLIA	61052	CT	NIAMEY-AERO	NIGER
22113	CT	MURMANSK	RUSSIAN FEDERATION	17250	C	NIGDE	TURKEY
47899	C	MUROTOMISAKI	JAPAN	02942	C	NIINISALO	FINLAND
72636	C	MUSKEGON/COUNTY, MI.	USA	32618	C	NIKOL'SKOE	RUSSIAN FEDERATION
41006	C	MUWAIH	SAUDI ARABIA	31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION
63756	C	MWANZA	U REP TANZANIA	98429	C	NINOY AQUINO INTER- NATIONAL	PHILIPPINES
25399	C	MYS UELEN	RUSSIAN FEDERATION	61230	C	NIORO DU SAHEL	MALI
64654	C	N'DELE	CENTRAL AFRICAN REP	70200	CT	NOME	USA
61049	C	N'GUIGMI	NIGER	94996	CT	NORFOLK ISLAND AERO	AUSTRALIA
60557	C	NAAMA	ALGERIA	72308	C	NORFOLK/INT., VA.	USA
47817	C	NAGASAKI	JAPAN	72556	C	NORFOLK/KARLSTEFAN, NE.	USA
47636	C	NAGOYA	JAPAN	71043	CT	NORMAN WELLS UA, N.W.T.	CANADA



# STATION LIST RECENT DATA

71731	C	NORTH BAY,ONT.	CANADA	02875	C	OULU	FINLAND
72562	CT	NORTH PLATTE/LEEBIRD, NE.	USA	60421	C	OUM EL BOUAGHI	ALGERIA
61415	C	NOUADHIBOU	MAURITANIA	08015	C	OVIEDO	SPAIN
61442	C	NOUAKCHOTT	MAURITANIA	47663	C	OWASE	JAPAN
91592	CT	NOUMEA (NLLE-CALEDONIE)	N CALEDONIA	91765	CT	PAGO PAGO/INT. AIRPORT	SAMOA
16064	C	NOVARA/CAMERI	ITALY	48955	C	PAKSE	LAO PDR
89512	CT	NOVOLAZAREVSKAJA	USSR	96221	C	PALEMBANG/TALANGBETUTU	INDONESIA
10763	C	NUERNBERG	GERMANY	16410	C	PALERMO BOCCADIFALCO	ITALY
04250	C	NUUK (GODTHAAB)	GREENLAND	08301	CT	PALMA DE MALLORCA	SPAIN
64659	C	OBO	CENTRAL AFRICAN REP	08306	C	PALMA DE MALLORCA/SONSAN JU	SPAIN
33837	C	ODESA	UKRAINE	80479	C	PALMICHAL	VENEZUELA
65528	C	ODIENNE	COTE D'IVOIRE	40061	C	PALMYRA	SYRIAN ARAB REP
31088	C	OHOTSK	RUSSIAN FEDERATION	43363	C	PAMBAN	INDIA
47815	C	OITA	JAPAN	08085	C	PAMPLONA/NOAIN	SPAIN
24688	C	OJMJAKON	RUSSIAN FEDERATION	41739	C	PANJGUR	PAKISTAN
24125	CT	OLENEK	RUSSIAN FEDERATION	41560	C	PARACHINAR	PAKISTAN
72792	C	OLYMPIA, WA.	USA	65330	C	PARAKOU	BENIN
47655	C	OMAEZAKI	JAPAN	87374	C	PARANA AERO	ARGENTINA
44215	C	OMNO-GOBI	MONGOLIA	93417	CT	PARAPARAUMU AERODROME	N ZEALAND
28698	CT	OMSK	RUSSIAN FEDERATION	82287	C	PARNAIBA	BRAZIL
47598	C	ONAHAMA	JAPAN	87814	C	PASO DE INDIOS	ARGENTINA
91699	C	ONO-I-LAU	FIJI	87289	C	PASO DE LOS LIBRES AERO	ARGENTINA
87016	C	ORAN AERO	ARGENTINA	86460	C	PASO DE LOS TOROS	URUGUAY
60461	C	ORAN PORT	ALGERIA	80342	C	PASTO/ANTONIONARINO	COLOMBIA
60490	C	ORAN/ES SENIA	ALGERIA	42492	T	PATNA	INDIA
35121	CT	ORENBURG	RUSSIAN FEDERATION	82791	C	PATOS	BRAZIL
08048	C	ORENSE	SPAIN	06610	T	PAYERNE	SWITZERLAND
01241	CT	ORLAND	NORWAY	12942	C	PECS/POGANY	HUNGARY
72205	C	ORLANDO/JETPORT,FL.	USA	86097	C	PEDRO JUAN CABALLERO	PARAGUAY
47772	C	OSAKA	JAPAN	87544	C	PEHUAJO AERO	ARGENTINA
47122	T	OSAN AB	REP KOREA	91554	C	PEKOA AIRPORT (SANTO)	VANUATU
47675	C	OSHIMA	JAPAN	48601	CT	PENANG/BAYANLEPAS	MALAYSIA
01384	C	OSLO/GARDERMOEN	NORWAY	72688	C	PENDLETON,OR.	USA
85782	C	OSORNO	CHILE	72532	C	PEORIA/GREATERPEORIA, IL.	USA
11782	C	OSTRAVA/MOSNOV	CZECH REP	80210	C	PEREIRA/MATECANA	COLOMBIA
20674	CT	OSTROV DIKSON	RUSSIAN FEDERATION	87852	C	PERITO MORENO AERO	ARGENTINA
21432	CT	OSTROV KOTEL'NYJ	RUSSIAN FEDERATION	94610	CT	PERTH AIRPORT	AUSTRALIA
20069	C	OSTROV VIZE	RUSSIAN FEDERATION	41530	C	PESHAWAR	PAKISTAN
65503	C	OUAGADOUGOU	BURKINA FASO	82983	CT	PETROLINA	BRAZIL
65502	C	OUAHIGOUYA	BURKINA FASO	32540	T	PETROPAVLOVSK-KAMCATSKIJ	RUSSIAN FEDERATION
60580	C	OUARGLA	ALGERIA	72408	C	PHILADELPHIA/INT.,PA.	USA
60265	C	OUARZAZATE	MOROCCO	48378	C	PHITSANULOK	THAILAND
64458	C	OUESSO	CONGO	72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA
60115	C	OUIDA	MOROCCO	48565	T	PHUKET AIRPORT	THAILAND

# STATION LIST RECENT DATA

78970	CT	PIARCO INT. AIRPORT,TRINIDAD	TRINIDAD AND TOBAGO	12330	C	POZNAN	POLAND
68174	C	PIETERSBURG	SOUTH AFRICA	48500	C	PRACHUAPKHIRIKHAN	THAILAND
87679	C	PIGUE AERO	ARGENTINA	11520	CT	PRAHA-LIBUS	CZECH REP
86255	C	PILAR	PARAGUAY	11518	C	PRAHA/RUZYNE	CZECH REP
87349	C	PILAR OBSERVATORIO	ARGENTINA	16245	T	PRATICA DI MARE	ITALY
16158	C	PISA/S. GIUSTO	ITALY	86065	C	PRATS-GIL	PARAGUAY
84691	C	PISCO	PERU	68262	C	PRETORIA	SOUTH AFRICA
72520	C	PITTSBURGH/GREATERPITT.,PA.	USA	71869	C	PRINCE ALBERT,SASK.	CANADA
84401	C	PIURA	PERU	71896	C	PRINCE GEORGE,B.C.	CANADA
61990	C	PLAISANCE(MAURITIUS)	MAURITIUS	04390	C	PRINS CHRISTIANSUND	GREENLAND
65518	C	PO	BURKINA FASO	72507	C	PROVIDENCE/GREENSTATE, RI.	USA
72578	C	POCATELLO/NUM.,ID.	USA	80002	C	PROVIDENCIA (ISLA)/EL EMBRUJ	COLOMBIA
13463	C	PODGORICA-GRAD	YUGOSLAVIA	84515	C	PUCALLPA	PERU
47138	CT	POHANG	REP KOREA	85574	C	PUDAHUEL	CHILE
64400	C	POINTE-NOIRE	CONGO	80457	C	PUERTO AYACUCHO	VENEZUELA
20046	C	POLARGMO IM. E.T. KRENKELJA	RUSSIAN FEDERATION	80139	C	PUERTO CARRENO/A.GUAUQUEA	COLOMBIA
91348	C	PONAPE, CAROLINE ISLANDS.	USA FEDERATION	86086	C	PUERTO CASADO	PARAGUAY
71095	C	POND INLET, N.W.T.	CANADA	87896	C	PUERTO DESEADO AERO	ARGENTINA
08053	C	PONFERRADA	SPAIN	78767	C	PUERTO LIMON	COSTA RICA
08044	C	PONTEVEDRA	SPAIN	84658	C	PUERTO MALDONADO	PERU
43063	C	POONA	INDIA	85799	CT	PUERTO MONTT	CHILE
11952	T	POPRAD-GANOVCE	SLOVAKIA	78458	C	PUERTO PLATA	DOMINICAN REP
11934	C	POPRAD/TATRY	SLOVAKIA	85934	CT	PUNTA ARENAS	CHILE
80421	C	PORLAMAR (AEROPUERTO INT. DE	VENEZUELA	78760	C	PUNTARENAS	COSTA RICA
43333	CT	PORT BLAIR	INDIA	47159	C	PUSAN	REP KOREA
68842	CT	PORT ELIZABETH	SOUTH AFRICA	56137	C	QAMDO	CHINA
71109	CT	PORT HARDY UA,B.C.	CANADA	54857	C	QINGDAO	CHINA
94312	CT	PORT HEDLAND PARDOO	AUSTRALIA	50745	C	QIQIHAR	CHINA
62641	C	PORT SUDAN	SUDAN	71103	C	QUESNEL,B.C.	CANADA
78437	C	PORT-AU-PRINCE(DAMIEN)	HAITI	41660	C	QUETTA AIRPORT	PAKISTAN
71197	C	PORT-AUX-BASQUES,NFLD.	CANADA	80144	C	QUIBDO/EL CARANO	COLOMBIA
61998	T	PORT-AUX-FRANCAIS(ILES KERG	OCEAN ISLANDS	72797	C	QUILLAYUTE,WA.	USA
64501	C	PORT-GENTIL	GABON	85543	CT	QUINTERO	CHILE
72698	C	PORTLAND/INT.,OR.	USA	82586	C	QUIXERAMOBIM	BRAZIL
72606	C	PORTLAND/INTNL.JET PORT, ME	USA	60135	C	RABAT-SALE	MOROCCO
83967	C	PORTO ALEGRE	BRAZIL	40362	C	RAFHA	SAUDI ARABIA
83971	T	PORTO ALEGRE (AERO- PORTO)	BRAZIL	72306	C	RALEIGH/RALEIGH-DURHAMNC.	USA
83064	C	PORTO NACIONAL	BRAZIL	93994	C	RAOUL ISLAND KERMADECIS.	N ZEALAND
82825	C	PORTO VELHO	BRAZIL	91958	CT	RAPA	FRENCH POLY.
82824	T	PORTO VELHO (AEROPORTO)	BRAZIL	72662	C	RAPID CITY/REGIONAL AIRPORT,	USA
08546	C	PORTO/SERRADO PILAR	PORTUGAL	91843	C	RAROTONGA	COOK ISLANDS
87178	C	POSADAS AERO.	ARGENTINA	22602	C	REBOLY	RUSSIAN FEDERATION
83332	C	POSSE	BRAZIL	82900	CT	RECIFE (CURADO)	BRAZIL
10379	C	POTSDAM	GERMANY	87270	C	RECONQUISTA AERO	ARGENTINA

# STATION LIST RECENT DATA

71863	C	REGINA,SASK.	CANADA	08202	C	SALAMANCA/MATACAN	SPAIN
72488	C	RENO/INT.,NV.	USA	23330	CT	SALEHARD	RUSSIAN FEDERATION
87155	C	RESISTENCIA AERO.	ARGENTINA	72572	C	SALT LAKE CITY/INTL,UT.	USA
71924	CT	RESOLUTEUA, N.W.T.	CANADA	87047	C	SALTA AERO	ARGENTINA
08175	C	REUS/AEROPUERTO	SPAIN	76390	C	SALTILLO,COAH	MEXICO
04030	C	REYKJAVIK	ICELAND	86360	C	SALTO	URUGUAY
85043	C	RIBERALTA	BOLIVIA	86210	C	SALTOS DEL GUAIRA	PARAGUAY
72401	C	RICHMOND/BYRD,VA.	USA	83229	CT	SALVADOR	BRAZIL
91948	C	RIKITEA	FRENCH POLY.	11150	C	SALZBURG-FLUGHAFEN	AUSTRIA
16149	C	RIMINI	ITALY	35925	C	SAM	KAZAKHSTAN
44203	C	RINCHINHUMBE	MONGOLIA	17030	CT	SAMSUN	TURKEY
82915	C	RIO BRANCO	BRAZIL	61277	C	SAN	MALI
87453	C	RIO CUARTO AERO	ARGENTINA	80001	CT	SAN ANDRES (ISLA)/SESQUICENT	COLOMBIA
87925	C	RIO GALLEGOS AERO	ARGENTINA	72263	C	SAN ANGELO/MATHIS,TX.	USA
80035	T	RIOHACHA/ALMIRANTEPADILLA	COLOMBIA	80447	C	SAN ANTONIODEL TACHIRA	VENEZUELA
80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	87784	C	SAN ANTONIO OESTE AERO	ARGENTINA
40438	C	RIYADH	SAUDI ARABIA	72253	C	SAN ANTONIO/INT.,TX.	USA
72411	C	ROANOKE/MUN.,VA.	USA	72290	C	SAN DIEGO/LINDBERGH,CA.	USA
86565	C	ROCHA	URUGUAY	80450	C	SAN FERNANDO DE APURE	VENEZUELA
72644	C	ROCHESTER/MUN.,MN.	USA	72494	C	SAN FRANCISCO/INTL,CA.	USA
72529	C	ROCHESTER/R-MONROECTY., NY.	USA	85104	C	SAN JOAQUIN	BOLIVIA
94374	CT	ROCKHAMPTON AERO	AUSTRALIA	87311	C	SAN JUAN AERO	ARGENTINA
61988	C	RODRIGUES	MAURITIUS	86260	C	SAN JUAN BAUTISTA MISIONES	PARAGUAY
06190	C	ROENNE	DENMARK & FAROE IS.	80431	C	SAN JUAN DE LOS MORROS	VENEZUELA
87480	C	ROSARIO AERO	ARGENTINA	78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO AND US
03957	C	ROSSLARE	IRELAND	87909	C	SAN JULIAN AERO	ARGENTINA
10170	C	ROSTOCK-WARNEMUENDE	GERMANY	87436	C	SAN LUIS AERO	ARGENTINA
34731	T	ROSTOV-NA-DONU	RUSSIAN FEDERATION	87509	C	SAN RAFAEL AERO	ARGENTINA
08449	C	ROTA	SPAIN	08029	C	SAN SEBASTIAN/FUENTERRABIA	SPAIN
93247	C	ROTORUA AERODROME	N ZEALAND	08027	C	SAN SEBASTIAN/IGUELDO	SPAIN
91650	C	ROTUMA	FIJI	96491	C	SANDAKAN	MALAYSIA
51777	C	RUOQIANG	CHINA	71101	C	SANDSPIT,B.C.	CANADA
85141	C	RURRENABAQUE	BOLIVIA	17270	C	SANLIURFA	TURKEY
71600	CT	SABLE ISLAND,N.S.	CANADA	85123	C	SANTA ANA	BOLIVIA
72483	C	SACRAMENTO/EXECUTIVECA.	USA	60020	CT	SANTA CRUZ DE TENE- RIFE, CM	SPAIN
06680	C	SAENTIS	SWITZERLAND	80462	C	SANTA ELENA DE UAIREN	VENEZUELA
42671	C	SAGAR	INDIA	08515	C	SANTA MARIA (ACORES)	PORTUGAL
60536	C	SAIDA	ALGERIA	80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA
47740	C	SAIGO	JAPAN	87623	C	SANTA ROSA AERO	ARGENTINA
44336	C	SAIKHAN-OVOO	MONGOLIA	08023	CT	SANTANDER	SPAIN
61600	C	SAINT-LOUIS	SENEGAL	08021	C	SANTANDER/PARAYAS	SPAIN
71805	C	SAINT-PIERRE	ST. PIERRE AND MIQU	87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA
08594	T	SAL ISLAND	CAPE VERDE	85577	C	SANTIAGO QUINTA NORMAL	CHILE
41316	CT	SALALAH	OMAN	08042	C	SANTIAGO/LABACOLLA	SPAIN

# STATION LIST RECENT DATA

78486	C	SANTO DOMINGO	DOMINICAN REP	26524	C	SIAULIAI	LITHUANIA
82106	C	SAO GABRIEL DA CACHOEIRA	BRAZIL	15260	C	SIBIU	ROMANIA
82280	C	SAO LUIZ	BRAZIL	96421	C	SIBU	MALAYSIA
83781	C	SAO PAULO	BRAZIL	60520	C	SIDI BEL ABBES	ALGERIA
83780	T	SAO PAULO (AEROPOR- TO)	BRAZIL	17210	C	SIIRT	TURKEY
47412	CT	SAPPORO	JAPAN	61297	C	SIKASSO	MALI
34172	C	SARATOV	RUSSIAN FEDERATION	42619	C	SILCHAR	INDIA
48952	C	SARAVANE	LAO PDR	33946	C	SIMFEROPOL'	UKRAINE
64750	C	SARH	CHAD	48698	CT	SINGAPORE/CHANGIAIRPORT	SINGAPORE
65599	C	SASSANDRA	COTE D'IVOIRE	72557	C	SIoux CITY/MUN.,IA.	USA
72207	C	SAVANNAH/MUNICIPAL,GA.	USA	72651	C	SIoux FALLS/FOSS FIELD, SD.	USA
48947	C	SAVANNAKHET	LAO PDR	71842	C	SIoux LOOKOUT,ONT.	CANADA
65335	C	SAVE	BENIN	62019	C	SIRTE	LIBYAN ARAB JAMAHIR
48938	C	SAYABOURY	LAO PDR	17090	C	SIVAS	TURKEY
71828	C	SCHEFFERVILLE,QUE.	CANADA	60355	C	SKIKDA	ALGERIA
10035	CT	SCHLESWIG	GERMANY	71069	C	SLAVE LAKE, ALTA	CANADA
10162	C	SCHWERIN	GERMANY	11903	C	SLIAC	SLOVAKIA
72793	C	SEATTLE/S.-TACOMA,WA.	USA	71950	C	SMITHERS,B.C.	CANADA
62124	C	SEBHA	LIBYAN ARAB JAMAHIR	02836	CT	SODANKYLA	FINLAND
41256	CT	SEEB, INTERNATIONALAIRPORT	OMAN	15614	CT	SOFIA (OBSERV.)	BULGARIA
08213	C	SEGOVIA	SPAIN	65361	C	SOKODE	TOGO
25703	CT	SEJMCHAN	RUSSIAN FEDERATION	63962	C	SONGEA	U REP TANZANIA
36177	C	SEMIPALATINSK	KAZAKHSTAN	48568	CT	SONGKHLA	THAILAND
62762	C	SENNAR	SUDAN	11146	C	SONNBlick	AUSTRIA
48948	C	SENO	LAO PDR	76499	C	SOTO LA MARINA, TAMPS.	MEXICO
47108	C	SEOUL	REP KOREA	16746	C	SOUDA (AIRPORT)	GREECE
71811	CT	SEPT-ILES UA,QUE.	CANADA	60423	C	SOUK AHRAS	ALGERIA
60445	C	SETIF	ALGERIA	72535	C	SOUTH BEND/ST.JOSEPHCO.,IN.	USA
08391	C	SEVILLA/SANPABLO	SPAIN	72785	C	SPOKANE/INT.,WA.	USA
63980	C	SEYCHELLESINT. AIRPORT	SEYCHELLES	68512	CT	SPRINGBOK	SOUTH AFRICA
63985	T	SEYCHELLESINT. AIRPORT	SEYCHELLES	72439	C	SPRINGFIELD/CAPITAL,IL.	USA
62056	C	SHAHAT	LIBYAN ARAB JAMAHIR	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
71601	C	SHEARWATER,N.S.	CANADA	26063	CT	ST. PETERBURG	RUSSIAN FEDERATION
70414	T	SHEMYA AFB	USA	11028	C	ST. POELTEN	AUSTRIA
54342	C	SHENYANG	CHINA	71801	T	ST.JOHN'S UA,NLFD	CANADA
72666	C	SHERIDAN/COUNTY,WY.	USA	83997	C	ST.VITORIADO PALMAR	BRAZIL
47898	C	SHIMIZU	JAPAN	04312	C	STATION NORD AWS	GREENLAND
47778	CT	SHIONOMISAKI	JAPAN	01415	CT	STAVANGER/SOLA	NORWAY
40848	CT	SHIRAZ	IRAN, ISLAMIC REP	71815	CT	STEPHENVILLEUA,NFLD	CANADA
72248	C	SHREVEPORT/REG.,LA.	USA	72403	T	STERLING, VA.	USA

# STATION LIST RECENT DATA

80475	C	STO.DOMINGO(B.A.)	VENEZUELA	76548	C	TAMPICO, TAMPS	MEXICO
02485	C	STOCKHOLM	SWEDEN	87645	C	TANDIL AERO	ARGENTINA
03026	CT	STORNOWAY	U KINGDOM	47837	C	TANEGASHIMA	JAPAN
10738	C	STUTTGART-ECHTERDINGEN	GERMANY	60101	C	TANGER(AERODROME)	MOROCCO
10739	CT	STUTTGART/SCHNARRENBERG	GERMANY	76903	C	TAPACHULA,CHIS.	MEXICO
15360	C	SULINA	ROMANIA	84455	C	TARAPOTO	PERU
97260	C	SUMBAWA BESAR/SUMBAWABESAR	INDONESIA	44230	C	TARALAN	MONGOLIA
02365	T	SUNDSVALL-HARNOSANDFPL	SWEDEN	23552	C	TARKO-SALE	RUSSIAN FEDERATION
24738	C	SUNTAR	RUSSIAN FEDERATION	26242	C	TARTU	ESTONIA
41268	C	SUR	OMAN	38457	CT	TASHKENT	UZBEKISTAN
98653	C	SURIGAO	PHILIPPINES	04360	CT	TASIILAQ (AMASSALIK)	GREENLAND
47421	C	SUTTSU	JAPAN	47646	T	TATENO	JAPAN
01008	C	SVALBARDLUFTHAVN	NORWAY	96481	CT	TAWAU	MALAYSIA
71870	C	SWIFT CURRENT,SASK.	CANADA	37549	T	TBILISI	GEORGIA
94767	C	SYDNEY AIRPORT	AUSTRALIA	60475	C	TEBESSA	ALGERIA
23804	CT	SYKTYVKAR	RUSSIAN FEDERATION	40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
89532	CT	SYOWA	JAPAN N	80478	C	TEMLADOR	VENEZUELA
72519	C	SYRACUSE/HANCOCK,NY.	USA	85743	C	TEMUCO	CHILE
12205	C	SZCZECIN	POLAND	60025	C	TENERIFE SUR	SPAIN
12982	CT	SZEGED	HUNGARY	60015	C	TENERIFE/LOSRODEOS	SPAIN
63832	C	TABORA AIRPORT	U REP TANZANIA	60410	C	TENES	ALGERIA
65592	C	TABOU	COTE D'IVOIRE	56739	C	TENGCHONG	CHINA
40706	CT	TABRIZ	IRAN, ISLAMIC REP	94238	C	TENNANTCREEK MET OFFICE	AUSTRALIA
40375	CT	TABUK	SAUDI ARABIA	83492	C	TEOFILO OTONI	BRAZIL
98550	C	TACLOBAN	PHILIPPINES	76373	C	TEPEHUANES,DGO	MEXICO
84782	C	TACNA	PERU	76556	C	TEPIC,NAY	MEXICO
47133	C	TAEJON	REP KOREA	82578	C	TERESINA	BRAZIL
98644	C	TAGBILARAN	PHILIPPINES	16232	C	TERMOLI	ITALY
83235	C	TAGUATINGA	BRAZIL	61202	C	TESSALIT	MALI
91938	CT	TAHITI-FAAA	FRENCH POLY.	60318	C	TETUAN/SANIARAMEL	MOROCCO
61043	C	TAHOUA	NIGER	48946	C	THAKHEK	LAO PDR
41036	C	TAIF	SAUDI ARABIA	71867	CT	THE PAS, MAN.	CANADA
45011	C	TAIPA	MACAU	16622	C	THESSALONIKI/MIKRA	GREECE
53772	C	TAIYUAN	CHINA	43371	CT	THIRUVANANTHAPURAM	INDIA
47891	C	TAKAMATSU	JAPAN	71079	C	THOMPSON WEATHER OFFICE-MAN.	CANADA
91943	C	TAKAROA	FRENCH POLY.	06011	CT	THORSHAVN	DENMARK & FAROE IS.
65467	C	TAKORADI	GHANA	41314	C	THUMRAIT	OMAN
84390	C	TALARA	PERU	60511	C	TIARET	ALGERIA
72214	C	TALLAHASSEE/MUN.,FL.	USA	61036	C	TILLABERY	NIGER
26038	C	TALLINN	ESTONIA	81002	C	TIMEHRI CHEDDI JAGAN INTERNA	GUYANA
60680	C	TAMANRASSET	ALGERIA	60607	C	TIMIMOUN	ALGERIA
61687	C	TAMBACOUNDA	SENEGAL	15247	C	TIMISOARA	ROMANIA
38413	C	TAMDY	UZBEKISTAN	02366	C	TIMRA/MIDLANDA	SWEDEN
72211	C	TAMPA/INT.,FL.	USA	60656	C	TINDOUF	ALGERIA

# STATION LIST RECENT DATA

84534	C	TINGO MARIA	PERU	02972	C	TURKU	FINLAND
03100	C	TIREE	U KINGDOM	23472	CT	TURUHANSK	RUSSIAN FEDERATION
60395	C	TIZI-OUZOU	ALGERIA	48407	T	UBON RATCHATHANI	THAILAND
60531	C	TLEMCEN(ZENATA)	ALGERIA	06447	CT	UCCLE	BELGIUM
28275	C	TOBOL'SK	RUSSIAN FEDERATION	16044	T	UDINE/CAMPOFORMIDO	ITALY
47662	C	TOKYO	JAPAN	16045	C	UDINE/RIVOLTO	ITALY
08272	C	TOLEDO	SPAIN	48354	C	UDON THANI	THAILAND
72536	C	TOLEDO/EXPRESS,OH.	USA	44214	C	UGI	MONGOLIA
76675	C	TOLUCA,MEX	MEXICO	44292	C	ULAAN-BAATOR	MONGOLIA
61223	CT	TOMBOUCTOU	MALI	44212	C	ULAAN-GOM	MONGOLIA
71624	C	TORONTOPEARSON INT'L. AIRPO	CANADA	44272	C	ULIASTAI	MONGOLIA
76382	C	TORREON,COAH.	MEXICO	47115	C	ULLUNGDO	REP KOREA
08238	C	TORTOSA	SPAIN	44304	C	UNDERKHAAN	MONGOLIA
44225	C	TOSONTSENGEL	MONGOLIA	91652	C	UNDU POINT	FIJI
60555	C	TOUGGOURT	ALGERIA	76225	C	UNIV. DE CHIHUAHUA,CHIHUAHU	MEXICO
94294	CT	TOWNSVILLEAERO	AUSTRALIA	68424	CT	UPINGTON	SOUTH AFRICA
16429	C	TRAPANI/BIRGI	ITALY	47426	C	URAKAWA	JAPAN
86500	C	TREINTA Y TRES	URUGUAY	51463	CT	URUMQI	CHINA
87828	C	TRELEW AERO	ARGENTINA	17188	C	USAK	TURKEY
87688	C	TRES ARROYOS	ARGENTINA	87938	C	USHUAIA AERO	ARGENTINA
83618	C	TRES LAGOAS	BRAZIL	30635	C	UST'-BARGUZIN	RUSSIAN FEDERATION
16099	C	TREVISO/S. ANGELO	ITALY	25325	C	UST'-OLOJ	RUSSIAN FEDERATION
10609	C	TRIER-PETRISBERG	GERMANY	61995	T	VACOAS(MAURITIUS)	MAURITIUS
16110	C	TRIESTE	ITALY	85766	C	VALDIVIA	CHILE
43418	C	TRINCOMALEE	SRI LANKA	80472	C	VALENCIA	VENEZUELA
83650	T	TRINDADE(ILHA)	BRAZIL	08285	C	VALENCIA	SPAIN
85154	C	TRINIDAD	BOLIVIA	08284	C	VALENCIA/AEROPUERTO	SPAIN
40103	C	TRIPOLI	LEBANON	03953	CT	VALENTIA OBSERVATORY	IRELAND
62010	C	TRIPOLI INTERNATIONALAIRPOR	LIBYAN ARAB JAMAHIR	80426	C	VALERA	VENEZUELA
01025	C	TROMSO/LANGNES	NORWAY	08141	C	VALLADOLID	SPAIN
84501	C	TRUJILLO	PERU	08140	C	VALLADOLID/VILLANBULA	SPAIN
91334	C	TRUK,CAROLINEIS.	USA	80434	C	VALLE DE LA PASCUA	VENEZUELA
44282	C	TSETSERLEG	MONGOLIA	03302	C	VALLEY	U KINGDOM
44347	C	TSOGT-OVOO	MONGOLIA	17170	C	VAN	TURKEY
91954	C	TUBUAI	FRENCH POLY.	71892	C	VANCOUVER INT. AIR- PORT, B.	CANADA
72274	C	TUCSON/INT.,AZ.	USA	01098	C	VARDO	NORWAY
87121	C	TUCUMAN AERO	ARGENTINA	15552	C	VARNA	BULGARIA
98233	C	TUGUEGARAO	PHILIPPINES	26477	C	VELIKIE LUKI	RUSSIAN FEDERATION
67161	C	TULEAR	MADAGASCAR	26314	C	VENTSPILS	LATVIA
84370	C	TUMBES	PERU	83264	C	VERA (GLEBA CELESTE)	BRAZIL
80453	C	TUMEREMO	VENEZUELA	42909	C	VERAVAL	INDIA
60715	CT	TUNIS-CARTHAGE	TUNISIA	24266	C	VERHOJANSK	RUSSIAN FEDERATION
24507	C	TURA	RUSSIAN FEDERATION	16090	C	VERONA/VILLA FRANCA	ITALY
40356	C	TURAIF	SAUDI ARABIA	15280	C	VF. OMU	ROMANIA

# STATION LIST RECENT DATA

72255	C	VICTORIA/VICTORIAREG., TX.	USA	94299	CT	WILLIS ISLAND	AUSTRALIA
87791	C	VIEDMA AERO	ARGENTINA	72767	C	WILLISTON/SLOULINFIELD, ND.	USA
48940	C	VIENTIANE	LAO PDR	72583	C	WINNEMUCCA/MUN.,NV.	USA
08045	C	VIGO/PEINADOR	SPAIN	71852	C	WINNIPEG INT.AIRPORTMAN.	CANADA
83208	C	VILHENA	BRAZIL	12497	C	WLODAWA	POLAND
24641	C	VILJUJSK	RUSSIAN FEDERATION	12425	T	WROCLAWI	POLAND
60096	C	VILLA CISNEROS	WESTERN SAHARA	12424	C	WROCLAWII	POLAND
87244	C	VILLA DE MARIA DEL RIO SECO	ARGENTINA	57036	C	XI'AN	CHINA
87328	C	VILLA DOLORES AERO	ARGENTINA	56571	C	XICHANG	CHINA
87448	C	VILLA REYNOLDS AERO	ARGENTINA	72781	C	YAKIMA/YAKIMAAIR TERM.,WA.	USA
11212	C	VILLACHERALPE	AUSTRIA	70361	CT	YAKUTAT	USA
76743	C	VILLAHERMOSA,TAB	MEXICO	64661	C	YALINGA	CENTRAL AFRICAN REP
86233	C	VILLARRICA	PARAGUAY	54292	C	YANJI	CHINA
80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA	91413	C	YAP, CAROLINEIS.	USA
26730	C	VILNIUS	LITHUANIA	71603	CT	YARMOUTH,N.S.	CANADA
02590	C	VISBY FLYGPLATS	SWEDEN	62008	C	YEFREN	LIBYAN ARAB JAMAHIR
43149	C	VISHAKHAPATNAM	INDIA	40439	C	YENBO	SAUDI ARABIA
30054	C	VITIM	RUSSIAN FEDERATION	57461	C	YICHANG	CHINA
08080	C	VITORIA	SPAIN	53614	C	YINCHUAN	CHINA
83648	C	VITORIA	BRAZIL	51431	C	YINING	CHINA
83344	C	VITORIA DA CONQUISTA	BRAZIL	65167	C	YOLA	NIGERIA
31960	C	VLADIVOSTOK	RUSSIAN FEDERATION	47744	T	YONAGO	JAPAN
27037	C	VOLOGDA	RUSSIAN FEDERATION	47168	C	YOSU	REP KOREA
89606	C	VOSTOK	USSR N	72525	C	YOUNGSTOWN,OH.	USA
22837	C	VYTEGRA	RUSSIAN FEDERATION	84425	C	YURIMAGUAS	PERU
72256	C	WACO,MADISON-COOPER,TX.	USA	98836	C	ZAMBOANGA	PHILIPPINES
62751	C	WAD MEDANI	SUDAN	08130	C	ZAMORA	SPAIN
03377	C	WADDINGTON	U KINGDOM	44358	C	ZAMYN-UUD	MONGOLIA
41061	C	WADI AL DAWASSER AIRPORT	SAUDI ARABIA	81225	C	ZANDERIJ	SURINAME
62600	C	WADI HALFA	SUDAN	08160	C	ZARAGOZA/AEROPUERTO	SPAIN
94910	CT	WAGGA AIRPORT	AUSTRALIA	57083	C	ZHENGZHOU	CHINA
47600	CT	WAJIMA	JAPAN	57745	C	ZHIJIANG	CHINA
47401	CT	WAKKANAI	JAPAN	41620	C	ZHOB	PAKISTAN
12375	C	WARSZAWA-OKECIE	POLAND	61695	C	ZIGUINCHOR	SENEGAL
72405	C	WASHINGTON/NAT.,VA.	USA	61090	C	ZINDER	NIGER
71953	C	WATSONLAKE,Y.T.	CANADA	17022	C	ZONGULDAK	TURKEY
40400	C	WEJH	SAUDI ARABIA	61404	C	ZOUERATE	MAURITANIA
72203	C	WEST PALM BEACH/INT.,FL.	USA	62007	C	ZUARA	LIBYAN ARAB JAMAHIR
71964	CT	WHITEHORSE,UA, Y.T.	CANADA	10961	C	ZUGSPITZE	GERMANY
72351	C	WICHITA FALLS/SHEPS AFB TX	USA	06660	C	ZURICH(TOWN/VILLE).	SWITZERLAND
61902	C	WIDE AWAKE FIELD (ASCENSION	OCEAN ISLANDS	25400	C	ZYRJANKA	RUSSIAN FEDERATION
11035	CT	WIEN/HOHEWARTE	AUSTRIA				
72513	C	WILKES-BARRE-SCRANTONPA.	USA				
94776	CT	WILLIAMTOWNAERODROME	AUSTRALIA				