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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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Oceanic and  
Atmospheric Administration

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Environmental Satellite, Data  
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National  
Climatic Data Center  
Asheville, North Carolina

## PREFACE

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

## 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

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# SURFACE

## DECEMBER 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		997.7	998.9	-4.4	.8	3.9	.2	13	44	-21	2		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		995.7	999.4	-10.1	3.2	2.4	.4	3	11	-3	3		
01025 TROMSO/LANGNES	6941N	01855E	10		992.3	993.5	-4.1	-1.4	4.0	-2	15	118	13	4	0	
01028 BJORNØYA	7431N	01901E	16		992.8	994.8	-4.4	2.7	4.1	.6	9	22	-9	2		
01098 VARDØ	7022N	03106E	15		991.8	993.7	-3.4	.3	4.1	.0	10	43	-10	2		
01152 BODØ VI	6715N	01422E	20		991.5	993.1	-1.6	-.4	4.4	-1	16	118	18	4	0	
01241 ORLAND III	6342N	00936E	7		992.7	993.8	-2.1	-2.6	4.6	-.8	13	121	8	4		
01317 BERGEN/FLORIDA	6023N	00520E	36		990.0	994.4	2.0	-.6	6.2	.1	21	352	117	5		
01384 OSLO/GARDERMOEN	6012N	01105E	204		971.6	996.6	-5.1	.6	3.7	-2	12	101	36	5		
01415 STAVANGER/SOLA	5853N	00538E	9		994.7	995.8	2.7	.5	6.1	-1	23	228	118	6		
<b>SWEDEN</b>																
02080 KARESUANDO	6826N	02230E	325		954.6	996.1	-17.2	-3.2	1.9	-.5	6	21	-3	3	0	
02128 GUNNARN	6458N	01742E	281		961.1	996.4	-13.1	-2.0	2.5	-.4	9	38	1	3		
02196 HAPARANDA	6550N	02409E	6		994.9	995.6	-10.3	-.8	2.9	-.3	15	64	22	5	1	
02226 FROSON	6312N	01430E	360		949.7	996.6	-7.7	-1.6	3.4	-.3	6	33	2	3	22	
02366 TIMRA/MIDLANDA	6231N	01727E	7		995.1	995.6	-7.6	-.9	3.4	-.3	10	48	-4	4		
02418 KARLSTAD FLYGPLATS	5922N	01328E	50		983.4	996.8	-2.5	.4	4.7	-.2	12	76	28	5	48	112
02512 GÖTEBORG/SAVE	5747N	01153E	16		995.7	997.9	.6	.3	5.9	.0	17	153	78	5	37	97
02550 JONKÖPING/AXAMO	5745N	01405E	218		970.0	998.3	-2.0	.0	5.1	-1	19	177	124	6		
02590 VISBY FLYGPLATS	5740N	01821E	41		991.3	997.9	1.5	.8	6.0	.1	17	110	59	5	35	121
<b>FINLAND</b>																
02801 KILPISJARVI	6903N	02047E	476		939.3	998.1	-15.4		2.0		6	34		3		
02805 KEVO	6945N	02702E	101		984.2	996.6	-16.8		2.0		7	20		2	0	
02836 SODANKYLÄ	6722N	02639E	179		974.9	997.1	-14.9	-1.8	2.1		9	30	-1	3	2	
02869 KUUSAMO	6558N	02911E	263		963.9	996.3	-10.9	.6	2.6		13	51	14	5		
02875 OULU	6456N	02522E	15		993.3	995.1	-8.3	-.1	3.1		10	46	18	5	0	
02897 KAJAANI	6417N	02741E	136		979.1	995.4	-8.0	1.4	3.3		13	52	19	5		
02929 JOENSUU	6240N	02938E	117		981.6	996.1	-5.9	2.3	3.8		17	77	32	5	10	
02935 JYVASKYLÄ	6224N	02541E	145		977.1	995.0	-5.3	1.9	4.0		16	85	38	5	5	
02942 NIINISALO	6151N	02228E	136		979.9	995.3	-5.2	.4	4.1		16	99	52	6		
02963 JOKIOINEN	6049N	02330E	103		982.9	995.6	-3.7	1.2	4.6		16	84	42	6	18	67
02972 TURKU	6031N	02216E	59		988.3	995.5	-2.1	1.5	4.9		15	113	54	5	14	48
02974 HELSINKI-VANTAA	6019N	02458E	56		989.4	996.4	-2.3	1.8	4.6		17	109	51	5	14	52
<b>UNITED KINGDOM</b>																
03005 LERWICK	6008N	00111W	84		984.5	994.5	2.9	-1.0	6.3		28	274	132	6	13	100
03026 STORNOWAY	5813N	00619W	13		995.5	997.4	4.0	-.8	6.9		25	214	86	5	30	125
03066 KINLOSS	5739N	00334W	7		997.6	998.2	3.3	-.5	6.2		16	91	39	5	41	117
03091 ABERDEEN/DYCE AIRPORT	5712N	00213W	65		990.3	998.2	2.9	-.6	6.1		16	92	19	4	65	155
03100 TIRRE	5630N	00653W	12		998.0	999.4	5.4	-.5	7.2		27	260	139	6	39	130
03162 ESKDALEMUIR	5519N	00312W	242		972.7	1002.5	1.8	-.7	6.3		24	274	109	5	39	103
03257 LEEMING	5418N	00132W	40		999.3	1003.3	3.8	-.2	6.6		18	79	27	5	70	152
03302 VALLEY	5315N	00432W	11		1004.1	1005.3	6.9	.5	7.9		19	98	4	3	39	80

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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		
03334 MANCHESTER AIRPORT	5321N	00217W	68		996.9	1005.4	4.8	.3	7.2		23	145	67	5	47	107
03377 WADDINGTON	5310N	00031W	68		997.2	1005.6	4.2	.3	6.9		13	44	-9	3	71	145
03502 ABERPORTH	5208N	00434W	133		991.5	1007.7	6.4	.6	8.2		23	136	41	5	42	89
03740 LYNEHAM	5130N	00159W	145		991.3	1009.1	4.8	.5	7.5		19	101	25	5	71	142
03797 MANSTON	5121N	00121E	55		1003.5	1009.0	5.5	.4	7.8		16	69	20	4	88	173
03808 CAMBORNE	5013N	00519W	88		1000.8	1011.5	8.1		8.9		25	222		6	51	95
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1009.0	1010.2	5.8	.7	8.3		21	181	91	5	81	142
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		994.5	1002.8	4.3	-.3	7.5		20	154	76	5	44	116
<b>IRELAND</b>																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1005.4	1009.1	7.5	-.5	8.7	-.5	25	304	145	6	37	100
03955 CORK AIRPORT	5151N	00829W	162		988.7	1008.5	5.6	-.6	8.1	-.6	23	196	60	4	72	140
03957 ROSSLARE	5215N	00620W	25		1004.4	1007.5	6.6	-.6	8.4	-.4	18	118	20	4	71	130
03962 SHANNON AIRPORT	5242N	00855W	20		1004.6	1007.0	6.3	-.2	8.4	-.2	24	221	122	6	50	110
03967 CASEMENT AERODROME	5318N	00626W	93		993.9	1005.3	4.9		7.8		18	84			43	90
03969 DUBLIN AIRPORT	5326N	00615W	85		994.8	1005.3	4.6	-1.4	7.4	-.7	17	83	7	4	53	100
03973 CONNAUGHT AIRPORT	5345N	00849W	209		979.0	1004.6	4.0		7.5		27	251			34	
03976 BELMULLET	5414N	01000W	10		1002.8	1004.0	6.8	-.2	8.3	-.3	29	257	138	6	18	50
03980 MALIN HEAD	5522N	00720W	25		998.4	1001.5	6.0	-.6	7.8	-.4	28	245	142	6	29	100
<b>ICELAND</b>																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		986.9	993.0	-.5		4.9		15	111		3		
04030 REYKJAVIK	6408N	02156W	61		985.6	993.1	-1.0	-.8	4.6	-.4	12	59	-19	2	14	
04063 AKUREYRI	6541N	01805W	27		992.5	995.9	-2.1	-.2	4.4	-.2	12	51	-1	3	0	
04082 AKURNES	6418N	01513W	21		992.3	994.9	-.8		4.4		12	215		6		
<b>GREENLAND</b>																
04210 UPERNAVIK	7247N	05610W	122			1003.1	-11.9		1.7							
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	41			1001.8	-7.7	2.1	2.6		10	27	1			
04250 NUUK (GODTHAAB)	6410N	05145W	70			1000.5	-4.8	1.4	3.1							
04312 STATION NORD AWS	8136N	01641W	36			1011.1	-29.3	-1.4	.3		5	13				
04320 DANMARKSHAVN	7646N	01840W	12			1009.4	-21.9	-.1	.7		2	9	-6			
04339 ILLOQQORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1006.5	-15.0		1.4		6	41	25			
04360 TASIILAQ (AMASSALIK)	6536N	03738W	52			999.6	-6.6	.6	2.9		4	27	-79			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			1000.1	-2.7	.5	3.6		10	78	-168	1		
<b>DENMARK &amp; FAROE IS.</b>																
06011 THORSHAVN	6201N	00646W	55			994.9	2.2	-1.6	5.5		14	99	-72			
06030 AALBORG	5706N	00951E	13			998.2	1.1	-.2	5.9		17	92				
06186 KOEBENHAVN/LANDBOHOEJSKOLEN	5541N	01233E	7			1000.9	2.6		6.8		17	67				
06190 ROENNE	5504N	01445E	16			1002.2	3.7	1.4	7.7		16	72				
<b>NETHERLANDS</b>																
06235 DE KOOY	5255N	00447E	14		1005.5	1005.6	5.7	1.5	8.0	.6	20	134	58	5	58	157
06260 DE BILT	5206N	00511E	15		1007.4	1007.7	4.8	1.6	7.6	.5	24	146	63	5	51	119
<b>BELGIUM</b>																
06447 UCCLE	5048N	00421E	104		998.2	1010.6	4.2	.8	7.7	.5	20	172	96	6	27	61

# SURFACE

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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>LUXEMBOURG</b>																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		967.8	1013.9	2.2		6.4		19	163	84	5	28	67
<b>SWITZERLAND</b>																
06660 ZURICH (TOWN/VILLE) .	4723N	00834E	569		948.6	1017.4	2.0	1.4	5.7	.3	0	140	65	5	47	124
06680 SAENTIS	4715N	00921E	2500		743.1	2963.2	-7.9	-1.4	2.8	.3	0	458	212	5	63	53
06700 GENEVE-COINTRIN	4615N	00608E	416		968.9	1019.5	3.5	1.7	6.0	.4		13	-69	1	71	169
06770 LUGANO	4600N	00858E	276		983.3	1017.2	3.5	-1.1	4.7	-1.8	0	53	-12	3	101	86
<b>FRANCE</b>																
07110 BREST	4827N	00425W	99		1003.1	1014.6	8.1	.8	9.6		28	275	135	2	43	68
<b>SPAIN</b>																
08001 LA CORUNA	4322N	00825W	67		1014.4	1022.6	11.6	.7	10.3	-1.2	15	139	12	4	71	77
08003 MONTEFARO	4327N	00817W	244		994.7	1023.5	9.6		7.9		15	179			80	
08015 OVIEDO	4321N	00552W	339		980.8	1021.6	8.5	-1.4	8.7	.1	13	111	20	4	113	107
08023 SANTANDER	4328N	00348W	59		1014.9	1022.0	10.9	.4	10.0	.5	15	142	1	3	78	95
08027 SAN SEBASTIAN/IGUELDO	4318N	00203W	259		990.0	1021.3	8.6	.0	8.7	.1	14	199	35	4		
08045 VIGO/PEINADOR	4213N	00838W	255		994.0	1025.3	9.1	.4	10.5	.7	15	258	-11	3	95	101
08075 BURGOS/VILLAFRIA	4222N	00338W	891		919.7	1526.5	3.6	.4	7.1	.1	8	47	-1	3	79	103
08084 LOGRONO/AGONCILLO	4227N	00220W	363		979.4	1023.5	5.9	-1.4	7.2	-1.3	5	47	17	5	99	101
08141 VALLADOLID	4139N	00446W	739		937.1	1024.6	4.6	.3	7.7	.5	6	29	-14	3	104	125
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		990.3	1021.8	6.7	.2	7.1	-1.5	4	13	-8	3	148	121
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1019.0	1019.6	10.2	.5	8.5	-1.2	2	4	-45	1	154	108
08184 GERONA/COSTA BRAVA	4154N	00246E	129		1004.7	1020.4	6.8	-1.9	7.7	-1.8	2	22	-24	2	145	104
08202 SALAMANCA/MATACAN	4057N	00530W	795		931.8		4.7	.6	7.4	-1.1	5	35	1	3	119	119
08221 MADRID/BARAJAS	4027N	00333W	582		954.4	1024.0	6.0	.1	7.6	.2	4	21	-22	2	138	114
08238 TORTOSA	4049N	00030E	50		1013.7	1019.8	11.0	.5	7.5	-1.1	10	0	-42	1	168	108
08261 CACERES	3928N	00620W	405		978.4	1027.2	8.5	.1	9.5	.8	7	24	-46	2	114	85
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		937.3	1020.4	5.7	.4	7.9	.4	3	21	-9	3	123	90
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1014.0	1021.6	11.6	1.1	9.1	.1	2	9	-32	2	168	104
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1020.3	1020.9	10.8	.3	10.2	-1.2	4	24	-20	2	154	106
08314 MENORCA/MAHON	3952N	00414E	82		1009.6	1019.9	11.6	-1.2	10.1	-1.0	6	44	-30	2	153	114
08330 BADAJOZ/TALAVERA LA REAL	3853N	00649W	192		1002.4	1024.8	10.2	1.2	11.1	1.2	6	27	-35	2	117	87
08348 CIUDAD REAL	3859N	00355W	629		950.5	1025.5	6.6	.7	8.3	.2	6	30	-22	2	93	75
08359 ALICANTE	3822N	00030W	82		1012.4	1022.3	12.6	.5	9.3	-1.2	2	13	-20	3	155	92
08373 IBIZA/ES CODOLA	3852N	00123E	12		1019.4	1021.6	12.8	.1	11.1	.0	4	31	-24	3		
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1020.2	1023.9	12.2		11.3		6	22		2	150	90
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1014.2	1025.4	10.2	.5	10.4	.5	7	49	-35	3	151	96
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1022.2	1022.5	11.7	.4	11.8	1.3	3	17	-20	3	169	116
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1022.2	1025.5	12.1	.7	11.5	.0	4	36	-70	2	169	102
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1023.1	1024.0	13.7	1.1	12.2	1.6	3	12	-85	2	170	104
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1019.6	1022.1	13.6	.3	10.7	-1.1	1	15	-5	3		
<b>GIBRALTAR</b>																
08495 GIBRALTAR	3609N	00521W	0		1024.0	1024.6	14.5		12.6		4	35		5	120	80
<b>PORTUGAL</b>																
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1009.6	1025.7	16.7	1.3	15.5	1.4	9	56	-39	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.
08535 LISBOA/GEOP	3843N	00909W	95		1013.4	1025.0	12.2	.4	11.8	.6	11	70	-38	3	126	89
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1012.5	1024.7	10.1	.2	12.5	2.4	10	158	-18	3	117	94
08558 EVORA/C. COORD	3832N	00754W	246		994.9	1024.6	9.8		10.9		7	42			114	
08575 BRAGANCA	4148N	00644W	692		942.8	1025.9	5.7	.7	7.9	.3		75	-23	3	112	108
<b>GERMANY</b>																
10035 SCHLESWIG	5432N	00933E	48		997.1	1003.1	2.4	.7	6.8	.3	23	180	92	6	42	108
10055 WESTERMARKELSDORF	5432N	01104E	9		1001.5	1002.6	3.6		7.0		14	72		0	47	115
10147 HAMBURG-FUHLSDUEBEL	5338N	00959E	15		1002.7	1004.6	3.4	1.5	6.8	.3	18	175	103	6	36	103
10162 SCHWERIN	5339N	01123E	68		996.0	1004.5	2.6		6.9		16	128		5	33	90
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1001.7	1003.2	3.5	1.6	6.6	.2	17	95	47	5	37	103
10184 GREIFSWALD	5406N	01324E	6		1003.2	1003.9	2.6		6.7		19	106		6	29	70
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1003.9	1004.5	4.2		7.4		24	158		6	44	120
10270 NEURUPPIN	5254N	01249E	39		1001.1	1006.7	2.7		6.6		15	90		5	30	105
10280 NEUBRANDENBURG	5333N	01312E	80		995.2	1005.1	2.2		6.7		16	69			22	50
10338 HANNOVER	5228N	00941E	59		999.4	1006.7	4.0	2.1	6.8	.3	16	70	10	4	38	112
10361 MAGDEBURG	5208N	01136E	85		997.5	1008.0	3.0		6.3		13	53		4	45	110
10379 POTSDAM	5223N	01304E	100		995.6	1007.9	2.3	1.6	6.4	.4	14	61	6	3	37	95
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1001.6	1007.5	2.8		6.5		17	71			37	100
10393 LINDENBERG	5213N	01407E	104		995.5	1008.4	2.2	1.8	6.3	.4	12	38	-12	3	44	119
10438 KASSEL	5118N	00927E	233		981.0	1009.7	2.6	1.5	6.5	.4	19	105	38	4	25	81
10453 BROCKEN	5148N	01037E	1153		872.3	1557 Y	-3.5		4.6		28	291			10	15
10469 LEIPZIG-SCHKEUDITZ	5125N	01214E	149		991.3	1009.7	2.8		6.2		10	34		3	41	105
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		981.9	1010.2	2.1		5.8		11	28			44	95
10499 GOERLITZ	5110N	01457E	240		980.6	1009.9	1.5	1.3	5.5	-.1	7	25	-32	1	55	122
10548 MEININGEN	5034N	01023E	453		956.5	1011.7	.8		5.8		17	97		4	17	55
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		970.8	1010.1	1.9		6.2		11	40			33	80
10578 FICHTELBERG	5026N	01257E	1215		868.8	1387 Y	-4.2	-.3	4.5	.2	21	127	25	4	12	21
10609 TRIER-PETRISBERG	4945N	00640E	273		979.1	1012.7	3.1	1.3	7.0	.6	18	157	85	5	25	63
10628 GEISENHEIM	4959N	00757E	123		997.5	1012.7	3.8	1.5	6.6	.4	11	67	21	4	47	124
10727 KARLSRUHE	4902N	00822E	145		996.5	1014.4	3.6	1.4	7.0	.7	16	166	99	6	18	38
10738 STUTTGART- ECHTERDINGEN	4841N	00914E	391		966.9	1014.7	1.9		6.0		14	107			5	45
10763 NUERNBERG	4930N	01103E	318		975.1	1014.1	1.9	1.3	6.0	.3	16	71	19	4	28	65
10870 MUENCHEN, FLUGHAFEN	4822N	01148E	447		961.8	1016.0	1.0	1.9	5.4	.3	14	75	26	4	69	157
10929 KONSTANZ	4741N	00911E	447		962.2	1016.7	2.1	1.1	6.5	.7	16	104	47	5	51	138
10946 KEMPTEN	4743N	01020E	705		931.5	1016.5	.0		5.2		15	183			53	70
10961 ZUGSPITZE	4725N	01059E	2962		699.1	2953 Z	-11.5	-1.8	2.1	-.1	21	211	27	4	80	69
10962 HOHENPEISSIONBERG	4748N	01101E	986		899.5	1435 Y	-.1	.4	4.9	.2	15	110	44	5	74	88
<b>AUSTRIA</b>																
11028 ST. POELTEN	4811N	01537E	284		980.1	1015.2	.6		5.7	.3	8	62	19	4	51	104
11035 WIEN/HOHE WART	4814N	01621E	209		989.0	1014.9	1.6		5.2	-.3	8	64	21	4	73	140
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	593		945.7	1018.1	-1.3		5.0		10	51		4	81	115
11146 SONNBLICK	4703N	01257E	3111		685.9	2946 Z	-11.4		1.7	-.4	17	140	-122	1	87	80
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		961.6	1012.7	.7		5.0	-.1	13	82	11	4	69	110
11155 FEUERKOGEL	4749N	01344E	1621		828.9	1421 Y	-3.5		3.3		21	184		3	58	70
11212 VILLACHERALPE	4636N	01340E	2160		776.8	1449 Y	-6.6		2.5		12	55		2	122	105
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		959.7	1018.9	-4.3		4.4	-.2	8	57	9	4	88	166
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		973.4	1016.5	-1.6		5.0	-.1	4	44	11	4	104	176

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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		955.8	1013.2	.6	1.6	5.5	.3	14	69	26	5	28	90
11423 PRIMDA	4940N	01240E	748		923.6		-1.7		5.4		16	96		5	17	50
11464 UTTARKASHI	3044N	07827E	9		911.6		-2.6		4.8		8	25		2	44	85
11487 KOCELOVICE	4928N	01350E	522		950.6	1014.3	-.2		5.2		10	45		5	59	125
11518 PRAHA/RUZYNE	5006N	01415E	380		968.3	1013.2	.6	.8	5.4	.1	6	23	-2	3	58	126
11520 PRAHA-LIBUS	5000N	01427E	303		976.0	1013.4	1.5		5.6		8	26		4	50	115
11603 LIBEREC	5046N	01501E	399		963.3	1012.2	.3		5.8		21	76		4	30	100
11659 PRIBYSLAV	4935N	01546E	536		949.1	1014.7	-1.3		5.0		16	39		3	53	140
11723 BRNO/TURANY	4910N	01642E	246		984.4	1014.9	-.4	.2	5.4	.2	5	24	-3	3	59	151
11782 OSTRAVA/MOSNOV	4941N	01807E	260		981.9	1014.2	.0	.4	5.1	-.2	4	13	-21	1	56	147
<b>SLOVAKIA</b>																
11903 SLIAC	4839N	01909E	315		976.9	1016.4	-2.6	-.7	4.4	-.5	9	60	4	3	69	177
11934 POPRAD/TATRY	4904N	02015E	695		930.3		-2.4	.9	4.1	-.1	8	25	-3	3	82	121
<b>POLAND</b>																
12120 LEBA	5445N	01732E	2		1002.5	1003.2	1.9		6.3		20	106				
12160 ELBLAG	5410N	01926E	43		1000.1	1005.5	1.1		6.2		17	52				
12205 SZCZECIN	5324N	01437E	3		1005.0	1005.1	2.5	1.7	6.8	.8	14	70	29			
12295 BIALYSTOK	5306N	02310E	151		989.7	1008.6	.0	2.1	5.4	.4	9	32	-8			
12330 POZNAN	5225N	01650E	92		997.5	1008.5	1.6	1.7	5.9	.3	12	46	8			
12375 WARSZAWA-OKECIE	5210N	02058E	107		996.4	1009.7	.7	1.6	5.6	.2	7	22	-10			
12424 WROCLAW II	5106N	01653E	121		995.5	1010.4	1.8	1.6	5.6	-.1	7	24	-10			
12497 WLODAWA	5133N	02332E	179		989.1	1011.2	-.3		5.2		8	24				
12566 KRAKOW	5005N	01948E	237		983.6	1013.2	-.1	.9	5.4	.2	12	32	-9			
<b>HUNGARY</b>																
12843 BUDAPEST/LORINC	4726N	01911E	139		998.7	1016.2	.4	.0	5.4	-.2	8	65	25	5	69	147
12882 DEBRECEN	4729N	02136E	109		1002.5	1016.3	.3	.5	5.6	.0	10	76	32	5	65	144
12942 PECS/POGANY	4606N	01814E	203		987.6	1012.9	.7	.1	5.7	.1	13	77	33	5	77	131
12982 SZEGED	4615N	02006E	83		1005.6	1016.0	.6	.0	6.1	.3	13	66	26	5	62	122
<b>SLOVENIA</b>																
14008 KREDARICA	4623N	01351E	2515		741.5	2962 Z	-7.5		2.5		14	159		4	99	90
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	298		980.5	1017.3	.7		5.6		11	189		5	75	40
<b>CROATIA</b>																
14236 ZAGREB/GRIC	4549N	01559E	162		996.1	1016.3	2.6		5.9		13	102		5	76	160
14445 SPLIT/MARJAN	4331N	01626E	128		999.0	1014.5	9.1		7.3		11	121		4	113	90
<b>BOSNIA AND HERZGOVINA</b>																
14654 SARAJEVO/BEJELAVE	4352N	01826E	638		940.8	1017.7	.1	-.2	5.6	.3	17	294	210	6	69	173
<b>YUGOSLAVIA</b>																
13274 BEOGRAD	4448N	02028E	132		1000.7	1017.2	2.6	.3	6.3	.4	12	153	96	6	67	106
13463 PODGORICA-GRAD	4226N	01917E	50		1010.5	1016.7	8.0		8.1		17	413		6	74	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>ROMANIA</b>																
15085 BISTRITA	4708N	02430E	367		971.7	1017.3	- .8	1.0	5.5	.5	16	126	76	6	66	138
15090 IASI	4710N	02738E	104		1002.9	1015.9	1.0	1.6	5.9	.5	8	38	7	4	77	135
15120 CLUJ-NAPOCA	4647N	02334E	413		966.3	1017.6	-2.1	- .6	4.9	-.1	12	53	21	5	76	141
15247 TIMISOARA	4546N	02115E	88		1005.5	1016.5	1.2	.4	6.0	.1	13	110	60	5	71	127
15260 SIBIU	4548N	02409E	444		962.9	1017.9	-2.0	- .9	5.2	.0	7	55	25	5	83	148
15360 SULINA	4509N	02940E	9		1014.9	1016.0	5.2	2.2	7.8	.9	6	34	8	4	91	152
15420 BUCURESTI/IMH	4430N	02608E	91		1005.8	1016.4	1.6	1.4	5.9	.2	8	68	25	5	81	131
15480 CONSTANTA	4413N	02838E	14		1015.4	1017.0	5.3	2.1	8.2	1.3	9	56	18	5	89	111
<b>BULGARIA</b>																
15552 VARNA	4312N	02755E	43		1011.2	1016.4	6.1	1.6	7.5	.5	7	49	7	4	99	138
15614 SOFIA (OBSERV.)	4239N	02323E	595		946.2	1018.1	2.0	1.4	5.7	.4	10	83	39	5	84	131
<b>ITALY</b>																
16045 UDINE/RIVOLTO	4559N	01302E	53		1009.4	1016.0	3.1		5.8		6	104	1	3		
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1007.1	1015.6	2.1		5.9		5	29	-21	1	95	100
16110 TRIESTE	4539N	01345E	20		1012.9	1015.4	6.6		6.6		12	130	39	5	77	93
16158 PISA/S. GIUSTO	4341N	01023E	6		1014.8	1015.5	7.4		8.2		8	91	6	3	100	108
16320 BRINDISI	4039N	01757E	10		1013.8	1015.0	11.9		11.0		10	87	19	4	103	93
16325 MARINA DI GINOSA	4026N	01653E	12		1012.9	1014.3	10.6		11.5		2	8	-50	1		
16410 PALERMO BOCCADIFALCO	3806N	01318E	117		1002.3	1016.3	13.0		10.1		12	121		5		
16420 MESSINA	3812N	01533E	51		1009.8	1016.3	14.2		12.0		12	149	32	4	111	100
16429 TRAPANI/BIRGI	3755N	01230E	14		1016.3	1017.4	13.2		13.5		9	57	-8	3	113	89
16560 CAGLIARI/ELMAS	3915N	00904E	5		1017.3	1017.9	10.1		10.0		7	43	-12	3	157	124
<b>MALTA</b>																
16597 LUQA	3551N	01429E	91		1009.4	1018.1	14.7	.9	14.1	1.7	11	104	-8	3	147	50
<b>GREECE</b>																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1017.0	1017.6	8.3	1.6	6.6	-1.3	7	115	63	5	75	74
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1015.1	1015.7	13.0	1.9	10.2	-.1	18	284	104	5	72	65
16648 LARISSA (AIRPORT)	3938N	02225E	74		1007.6	1016.7	8.1	1.8	6.4	-1.6	7	62	10	4	92	91
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1015.4	1017.1	14.0	2.0	11.2	1.1	5	45	-21	3	128	102
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1016.3	1017.2	12.5	.9	8.9	-1.5	19	161	8	4	94	72
16746 SOUDA (AIRPORT)	3529N	02407E	151		999.8	1017.9	14.0	1.4	8.7	-2.0	8	107	14	4	124	102
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1013.3	1018.0	15.4	1.6	11.7	.9	7	123	46	5	147	121
<b>TURKEY</b>																
17022 ZONGULDAK	4127N	03148E	137		1001.6	1018.2	11.0	2.5	8.6	1.4	8	75	-84	1	93	120
17030 SAMSUN	4117N	03618E	4		1018.9	1019.4	11.6	2.4	7.3	-.5	7	56	-26	2	143	195
17034 GIRE SUN	4055N	03823E	37		1014.4	1018.9	11.4	1.9	8.8	.8	8	50	-81	1		
17040 RIZE	4102N	04031E	9		1018.0	1019.1	9.1	.8	8.7	.6	8	53	-189	0	106	155
17050 EDIRNE	4140N	02634E	51		1010.9	1017.2	6.7	2.1	8.6	1.3	10	61	-9	3	59	80
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1013.6	1017.6	10.8	2.7	10.5	2.0	12	88	-33	2	74	100
17074 KASTAMONU	4122N	03347E	800		925.8	1021.3	2.5	1.3	5.5	.0	10	34	-3	3	90	145
17084 CORUM	4033N	03457E	776		929.5	1022.2	3.1	1.1	5.4	-.3	4	18	-32	1	128	180
17090 SIVAS	3945N	03701E	1285		875.2	1024.9	1.0	1.2	5.1	.4	4	20	-27	1	87	120
17092 ERZINCAN	3945N	03930E	1218		883.2	1025.0	2.2	2.2	5.5	.7	2	19	-12	2	125	145

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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	%		
17096 ERZURUM	3957N	04110E	1758		827.2	1030.4	-5.7	-1.3	3.2	-.3	3	11	-10	1	98	105
17098 KARS	4037N	04306E	1775		823.7	1026.7	-3.8	1.8	3.9	.6	2	9	-11	1	131	140
17112 CANAKKALE	4008N	02624E	6		1016.9	1017.6	11.5	3.0	11.5	2.2	10	135	18	4	99	95
17116 BURSA	4011N	02904E	100		1006.4	1018.6	10.1	2.5	8.2	.5	8	61	-57	1	95	95
17130 ANKARA/CENTRAL	3957N	03253E	891		916.3	1020.9	5.0	2.4	6.3	.5	6	39	-10	2	113	145
17170 VAN	3827N	04319E	1662		836.7	1025.7	1.0	1.9	5.0	.9	2	5	-28	0	190	140
17188 USAK	3841N	02924E	919		912.4	1019.4	6.5	2.4	7.1	.5	9	30	-56	1		
17190 AFYON	3845N	03032E	1034		900.3	1020.4	5.4	3.0	6.7	.8	6	24	-22	1	91	95
17199 MALATYA BOLGE	3821N	03819E	948		913.2	1024.9	3.2		5.5		7	27		2	120	115
17210 SIIRT	3755N	04157E	896		918.8	1023.3	7.2	2.5	6.1	.2	7	42	-54	2	136	115
17220 IZMIR/GUZELYALT	3826N	02710E	29		1014.2	1017.6	13.2	2.7	10.3	.8	08	0128	-025		115	091
17240 ISPARTA	3745N	03033E	997		905.1	1021.3	5.4	2.0	6.9	.8	5	22	-68	1	129	125
17244 KONYA	3758N	03233E	1031		901.4	1021.8	3.2	1.2	4.3	-1.3	3	5	-39	1	145	140
17250 NIGDE	3758N	03441E	1210		882.8	1022.2	4.7	3.0	4.4	-.7	2	17	-23	1	180	155
17255 KAHRAMANMARAS	3736N	03656E	572		953.7	1022.1	8.5	2.0	7.1	.2	10	87	-45	2	127	125
17270 SANLIURFA	3708N	03846E	549		956.9	1021.4	10.0	2.8	8.1	.7	4	37	-50	1	171	125
17280 DIYARBAKIR	3753N	04012E	677		943.7	1024.7	4.8	.5	5.7	-.9	6	32	-43	1	159	135
17285 HAKKARI	3734N	04346E	1728		833.0	1006.3	3.4	4.8	5.1	1.1	5	29	-64	1	145	115
17292 MUGLA	3713N	02822E	646		943.9	1020.0	8.8	1.8	9.4	1.3	12	132	-149	1	105	90
17300 ANTALYA	3642N	03044E	54		1011.5	1019.1	12.6	1.2	9.4	.0	10	114	-108	1	167	105
17340 MERSIN	3648N	03438E	3		1019.9	1020.3	14.4	3.2	10.8	1.1	6	71	-64	2	165	105
17351 ADANA/BOLGE	3659N	03521E	27		1018.4	1021.8	12.1		9.8		4	37		1	154	110
<b>CYPRUS</b>																
17609 LARNACA AIRPORT	3453N	03338E	2		1019.9	1020.1	14.9	1.5	11.8		6	51	-29		208	112
<b>RUSSIAN FEDERATION (EUROPE)</b>																
22113 MURMANSK	6858N	03303E	51		989.2	995.7	-9.4	-.3	2.9	-.1	12	35	-1	5	0	
22165 KANIN NOS	6839N	04318E	49		988.7	994.9	-4.4	2.0	4.1	.5	11	44	3	3		
22550 ARHANGEL'SK	6430N	04044E	8		997.3	998.3	-6.1	4.4	3.7	.8	16	76	33	5	0	
22602 REBOLY	6350N	03049E	182		972.3	995.2	-7.7	1.9	3.0	.0	17	80	39	6	1	
22837 VYTEGRA	6101N	03627E	56		993.3	1000.4	-3.4	4.6	4.3	1.0	19	72	18	5	5	31
<b>ESTONIA</b>																
26038 TALLINN	5923N	02435E	34		992.9	997.6	-.8	2.1	5.2	.6	21	109	54	6	12	67
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26063 ST. PETERBURG	5958N	03018E	6		998.1	998.9	-1.3	3.3	5.1	1.0	18	53	3	5	2	15
<b>ESTONIA</b>																
26214 VILSANDI	5823N	02149E	6		997.0	998.0	2.0	1.7	5.9	.5	16	75	17	5	25	100
26242 TARTU	5818N	02644E	68		991.6	1000.4	-1.3	3.0	5.0	.7	17	71	31	5	16	67
<b>LATVIA</b>																
26314 VENTSPILS	5724N	02132E	3		999.3	999.7	1.7		5.8		24	142			25	105
26346 ALUKSNE	5726N	02702E	193		977.9	1002.0	-2.0		4.9		1	67		0	18	65
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26477 VELIKIE LUKI	5621N	03037E	106		991.2	1003.8	-.9	4.1	4.9	.9	14	60	16		26	108

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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>LITHUANIA</b>																
26509	KLAJPEDA	5544N	02104E	7	1001.3	1002.2	1.8	1.9	6.3	.8	22	95	27	4	14	52
26629	KAUNAS	5453N	02350E	77	995.5	1005.2	-.5	1.8	5.4	.6	13	57	10		32	107
26730	VILNIUS	5438N	02506E	156	986.6	1006.1	-.9	2.0	5.3	.7	11	50	-5		22	88
<b>BELARUS</b>																
26850	MINSK	5356N	02738E	231	980.4	1008.2	-1.2	2.6	5.0	.6	13	55	2	4	27	100
<b>RUSSIAN FEDERATION (EUROPE)</b>																
27037	VOLOGDA	5919N	03955E	130	987.9	1004.3	-4.2	4.7	4.1	.9	15	47	5	4	12	60
27199	KIROV	5836N	04938E	158	990.6	1010.9	-6.3		3.5		12	60		4	28	175
27595	KAZAN'	5536N	04917E	116	999.8	1015.1	-5.0	4.0	3.9	.9	9	50	13	4	34	103
27612	MOSKVA	5550N	03737E	156	989.3	1008.9	-1.7	4.4	4.7	1.0	17	55	0			
<b>UKRAINE</b>																
33345	KYIV	5024N	03034E	167	992.6	1013.5	-.2	2.1	5.3	.5	10	58	6	4		
33393	L'VIV	4949N	02357E	323	973.8	1013.8	-.7	1.4	4.9	.1	12	61	4	4	56	151
33506	POLTAVA	4936N	03433E	160	995.5	1015.6	-.5	2.6	5.3	.6	12	70	19	6		
33562	VINNYTSIA	4914N	02836E	298	977.8	1014.9	-1.4	1.1	5.0	.3	8	54	11	5		
33587	UMAN'	4846N	03014E	216	988.3	1012.1	-.3	2.1	5.1	.3	11	64	16	4		
33631	UZHGOROD	4838N	02216E	124	1001.6	1016.3	-.3	.1	5.3	.1	11	98	29	5	52	113
33658	CHEERNIVTSI	4822N	02554E	246	985.0	1014.8	-.5	1.4	5.0	.3	12	53	16	4	62	117
<b>REPUBLIC OF MOLDOVA</b>																
33815	KISINEV	4701N	02859E	173	993.1	1015.5	1.4	1.7	5.9	.7	9	59	21	5	73	126
<b>UKRAINE</b>																
33837	ODESA	4626N	03046E	42	1010.6	1015.8	3.8	2.4	6.9	1.0	9	67	19	4	74	130
33846	MIKOLAIV	4702N	03157E	50	1009.9	1016.1	2.7	2.7	6.7	1.0	11	59	17	4		
33889	IZMAIL	4522N	02851E	30	1012.1	1015.9	3.0	2.0	6.1	.3	8	50	9	4	91	120
33910	HENICHES'K	4610N	03449E	15	1014.9	1016.8	3.9	2.7	7.3	1.1	11	47	10	4	47	102
33915	ASKANIYA-NOVA	4627N	03353E	30	1012.4	1016.5	3.6	3.3	7.3	1.4	9	57	20	5	60	120
33946	SIMFEROPOL'	4441N	03408E	181	994.9	1017.1	5.5	3.1	7.4	.9	9	65	11	5	92	123
33983	KERCH	4524N	03625E	49	1011.4	1017.7	6.0	3.1	8.1	1.3	5	48	-3	3	75	134
33990	YALTA	4529N	03410E	72	1008.7	1017.5	8.2	1.9	8.2	1.0	12	267	172	6	74	110
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34123	VORONEZ	5142N	03913E	149	996.5	1015.3	-1.2		5.1		12	54		5		
34172	SARATOV	5134N	04602E	156	992.3	1017.7	-3.1	3.9	4.7	1.2	10	39	0	4	29	58
<b>UKRAINE</b>																
34300	KHARKIV	4958N	03608E	155	996.1	1015.6	-.3	3.1	5.3	.7	11	45	0	4	20	65
<b>KAZAKHSTAN</b>																
34398	ZHALPAKTAL	4940N	04929E	10	1019.0	1020.3	-1.1	5.7	5.6	2.1	8	28	5			
<b>UKRAINE</b>																
34519	DONETS'K	4804N	03746E	225	989.0	1016.9	1.0	3.6	6.1		10	75	23			

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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	
34601 ZAPORIZHZHIA	4748N	03501E	112		1008.7	1016.3	- .8	.0	6.5		10	62	10			
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34880 ASTRAHAN'	4617N	04803E	-23		1025.1	1022.4	1.4	3.2	6.2	1.4	3	8	-7			
<b>ARMENIA</b>																
37686 GUMRI	4047N	04350E	1529		851.2	1535 Y	-2.2		3.6		1	2		1	172	185
37709 SEVAN	4033N	04456E	1937		810.9	1536 Y	-.2		3.7		1	6		1	172	185
37789 YEREVAN	4008N	04428E	907		896.5	1539 Y	1.8	1.6	4.9	-1.1	2	6	-16	1	178	193
<b>SYRIAN ARAB REPUBLIC</b>																
40001 KAMISHLI	3703N	04113E	455		967.7	1021.7	10.9	2.9	7.4	-2.2	1	13	-55			
40007 ALEPPO INT. AIRPORT	3611N	03712E	384		973.7	1020.2	8.5	1.2	7.8	-4.4	4	32	-26			
40022 LATTAKIA	3532N	03546E	7		1020.0	1020.9	15.0	1.7	9.7	-1.1	6	7	-178		197	130
40030 HAMA	3507N	03645E	303		984.5	1021.2	8.9	1.0	8.2	-6.6	6	21	-45	0	59	45
40045 DEIR EZZOR	3519N	04009E	212		997.4	1022.9	8.9	.8	8.0	.0	2	4	-20		62	39
40061 PALMYRA	3433N	03818E	404		973.1	1021.5	8.6	.4	6.8	-9.9	2	3	-18		213	130
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609		949.5	1021.6	7.7	.5	5.8	-1.6	1	2	-24		73	45
<b>LEBANON</b>																
40100 BEYROUTH (AEROPORT)	3349N	03529E	19		931.1	1528 Y	11.0	-4.1	10.2		5	72	-91	1		
40103 TRIPOLI	3427N	03548E	5		1019.3	1020.0			10.9		6	45		2		
<b>ISRAEL</b>																
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1013.9	1018.7	15.2		12.2		4	29		1		
40199 EILAT	2933N	03457E	12		1018.1	1018.4	17.7	1.5	7.5		0	0	-6	2	229	100
<b>JORDAN</b>																
40250 H-4 'IRWAISHED'	3230N	03812E	688		941.3	1021.1	10.9	-5.3	8.6		1	5	-1	4	187	100
40310 MA'AN	3010N	03547E	1070		896.9	1518 Y	10.3	1.3	6.7	.0	0	0	-7	1	243	109
<b>ASIA</b>																
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
20069 OSTROV VIZE	7930N	07659E	10		1002.1	1003.4	-17.4	6.5	1.4	.4	6	20	5	4		
20292 GMO IM.E.K. FEDOROVA	7743N	10418E	15		1008.8	1010.9	-19.7	6.4	1.2	.5	1	7	-11	2		
20674 OSTROV DIKSON	7330N	08024E	47		999.0	1005.2	-15.8	7.1	1.7	.5	15	31	0	4		
20891 HATANGA	7159N	10228E	33		1009.3	1013.9	-25.6	4.1	.9	.3	4	13	-7	2		
21432 OSTROV KOTEL'NYJ	7600N	13552E	9		1019.6	1020.7	-27.4	.2	.5	-1.1	4	9	1		0	
21946 CHOKURDAH	7037N	14753E	61		1016.2	1024.9	-30.1	2.8	.5	.1	5	15	3			
23205 NAR' JAN-MAR	6738N	05302E	12		998.4	999.9	-9.3	5.0	3.0	.8	13	34	4	4	0	
23219 HOSEDA-HARD	6705N	05923E	84		991.8	1002.6	-11.5	5.1	2.8	.9	13	32	3	4	0	
23330 SALEHARD	6632N	06640E	16		1005.5	1007.5	-15.7	5.0	2.0	.7	11	27	3		0	
23472 TURUHANSK	6547N	08756E	38		1011.2	1016.9	-16.6	7.1	1.9	.8	11	35	-7	2	0	
23552 TARKO-SALE	6455N	07749E	27		1009.1	1012.7	-15.6	6.3	2.1	.8	11	41	11	1	0	
23804 SYKTYVKAR	6143N	05050E	119		991.1	1006.3	-7.0	5.2	3.4	.9	15	47	9	4	12	133
23884 BOR	6136N	09001E	58		1012.5	1020.3	-16.3	5.6	2.0	.7	15	41	-6	4	1	9
23933 HANTY-MANSIJSK	6101N	06902E	46		1007.8	1014.0	-10.6	6.1	2.8	1.0	13	52	21		15	150

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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			
24125 OLENEK	6830N	11226E	220		990.8	1020.2	-32.1	1.2	.6	.0	3	11	-3		0	
24266 VERHOJANSK	6733N	13323E	137		1008.8	1029.4	-42.2	1.4	.2	.0	2	7	-3		0	
24507 TURA	6416N	10014E	168		998.5	1024.8	-28.9	3.2	.6	.1	8	22	1	4	0	
24641 VILJUJSK	6346N	12137E	111		1010.2	1026.4	-33.4	1.6	.5	.1	6	15	0		0	
24688 OJMJAKON	6315N	14309E	741		932.7	1040.8	-44.3	1.3	.1	.0	1	4	-6		7	
24738 SUNTAR	6209N	11739E	133		1006.6	1026.9	-30.7	.5	.7	.1	9	22	5		17	
24817 ERBOGACEN	6116N	10801E	291		986.6	1027.0	-25.9	3.1	1.2	.5	7	22	4		31	172
24959 JAKUTSK	6201N	12943E	101		1013.2	1028.0	-34.9	3.9	.3	.1	5	12	0		12	
25173 MYS SHMIDTA	6854N	17922W	4		1022.6	1023.1	-27.3	-3.8	.6	-.4	3	10	-12			
25325 UST' -OLOJ	6633N	15925E	127		1010.8	1029.6	-36.1	-1.2	.3	-.1	4	8	-8			
25400 ZYRJANKA	6544N	15054E	43		1021.2	1027.5	-36.0	-.7	.3	.0	1	3	-14		0	
25563 ANADYR'	6447N	17734E	61		1013.2	1021.9	-29.4	-.9	.5	-1.0	1	3	-37		22	
25703 SEJMCHAN	6255N	15225E	205		999.6	1030.7	-38.9	-2.1	.2	-.1	3	11	-14	1	0	
25744 KAMENSKOE	6226N	16605E	10		1022.6	1024.0	-31.3	-8.5	.4	-.7	2	5	-33		36	
25954 KORF	6021N	16600E	4		1019.9	1020.4	-18.7	-5.1	1.0	-1.0	1	2	-28	1	73	221
28224 PERM'	5801N	05618E	171		993.1	1015.2	-6.8		3.3		15	60			24	25
28275 TOBOL'SK	5809N	06815E	50		1010.8	1017.1	-8.7	6.5	3.1	1.2	13	40	17	5	31	74
28440 EKATERINBURG	5650N	06038E	283		981.1	1016.9	-6.5	4.8	3.3	1.0	8	45	22	5		
28698 OMSK	5501N	07323E	122		1006.7		-8.0	6.4	3.2	1.2	4	13	-8		27	44
<b>KAZAKHSTAN</b>																
28879 KOKSHETAY	5317N	06923E	229		995.2	1024.9	-7.3	4.5	3.0	.8	1	4	-7	1	50	67
28952 KUSTANAI	5313N	06337E	156		1003.1	1023.3	-6.4	6.3	3.4	1.1	7	13	-7		66	85
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29231 KOLPASEVO	5819N	08257E	75		1011.1	1021.2	-10.9	6.6	3.0	1.3	15	27	-3		12	31
29263 ENISEJSK	5827N	09209E	79		1013.6	1024.2	-13.2	5.7	2.3	.8	14	37	2	4	34	155
29282 BOGUCANY	5823N	09727E	133		1008.4	1026.3	-16.7	4.7	1.8	.6	7	24	5	5	17	121
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		990.7	1026.8	-9.5		2.6		9	42		4		
<b>KAZAKHSTAN</b>																
29807 IRTYSHSK	5321N	07527E	94		1014.0	1026.3	-9.0	5.2	2.7	.6	1	4	-11			
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29838 BARNAUL	5326N	08331E	184		1005.2	1029.4	-8.4	5.5	3.0	.9	10	27	1		53	83
29866 MINUSINSK	5342N	09142E	254		996.8	1030.2	-10.2	5.7	2.7	1.0	3	9	-2	2	47	138
30230 KIRENSK	5746N	10804E	259		994.4	1030.4	-23.3	1.2	1.3	.3	8	24	-3		59	203
30309 BRATSK	5617N	10145E	416		974.2	1028.9	-14.0	3.6	2.0	.4	8	22	2		52	121
30635 UST' -BARGUZIN	5325N	10901E	461		968.9	1029.0	-11.8	3.8	2.1	.5	11	28	-12	2		
30673 MOGOCA	5345N	11944E	625		945.4	1029.6	-26.3	1.3	.7	.1	1	7	2	4	132	129
30710 IRKUTSK	5216N	10419E	469		969.9	1031.8	-15.1	.9	1.8	.1	6	20	1		67	108
30758 CHITA	5205N	11329E	671		942.6	1031.5	-20.6	2.2	1.1	.2	1	2	-2	2	135	125
31004 ALDAN	5837N	12522E	79		937.4	1028.5	-24.3	.9	1.0	.2	12	48	17		41	100
31088 OHOTSK	5922N	14312E	6		1016.5	1017.3	-17.1	2.9	2.2	1.2	6	24	7	4	68	126
31168 AJAN	5627N	13809E	8		1014.9	1016.1	-13.0	3.5	1.8	.8	11	108	73		58	83
31253 BOMNAK	5443N	12856E	357		974.9	1025.3	-26.8	3.2	.6	.1	5	16	6	5	96	113
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		1006.0	1014.7	-16.8	3.5	1.6	.4	16	91	46			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1008.8	1018.7	-21.4	3.6	1.0	.2	6	15	0		99	85
31510 BLAGOVESCHENSK	5015N	12734E	132		1005.8	1023.7	-17.6	3.2	1.2	.2	2	5	-4			

# SURFACE

## DECEMBER 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	
31735 HABAROVSK	4831N	13510E	76		1007.9	1020.0	-15.9	2.0	1.4	.2	6	19	1		146	101
31960 VLADIVOSTOK	4307N	13154E	183		997.8	1022.3	-8.4	1.1								
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1009.5	1012.6	-7.1	1.6	3.0	.1	16	46	-17	2	106	104
32411 ICA	5535N	15535E	6		1011.0	1011.8	-8.5	.3								
32583 PETROPAVLOVSK- KAMCATSKIJ	5259N	15839E	24		1007.8	1010.9	-3.8		3.4		11	134		3		
32618 NIKOL'SKOE	5512N	16559E	18		1011.3	1013.5	-3.0	-1.0	3.7	-.7	10	29	-40	0	17	52
<b>KAZAKHSTAN</b>																
35078 ATBASAR	5149N	06822E	304		987.3	1027.0	-10.2	3.6	2.8	.7	3	11	-9	3	70	83
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
35121 ORENBURG	5141N	05506E	117		1007.1	1022.2	-4.4	5.2	3.8	1.0	10	46	15	4	44	71
<b>KAZAKHSTAN</b>																
35188 AKMOLA	5108N	07122E	350		983.7	1029.1	-10.0	2.6	2.6	.3	0	3	-14	1	88	94
35229 AKTJUBINSK	5017N	05709E	219		996.4	1024.5	-5.1	4.9	3.8	1.0	5	17	-8	4		
35394 KARAGANDA	4948N	07309E	553		906.0	1030.9	-8.6	2.5	2.6	.2	3	11	-11			
35406 TAIPAK	4903N	05152E	2		1023.8	1024.0	-1.4	5.4	4.1	.6	8	22	0	0		
35796 BALHASH	4648N	07505E	350		988.4	1033.3	-8.0	1.9	3.0	.4	0	0	-13	0		
35925 SAM	4524N	05607E	88		1014.4	1025.7	-1.0	2.8	5.0	.7	2	8	-4			
36177 SEMIPALATINSK	5025N	08018E	196		1006.1	1031.7	-7.2	5.3	2.8	.6	6	16	-4	2		
36859 ZHARKENT	4410N	08004E	645		953.1	1032.6	-.9	3.5	4.2	.6	2	7	-5		165	113
36870 ALMATY	4314N	07656E	851		927.5	1030.4	-.3	3.5	4.5	.6	5	39	6	4	124	123
38062 KYZYLORDA	4451N	06530E	130				-2.2	2.6	4.7	.8	0	T	-19	0		
<b>UZBEKISTAN</b>																
38262 CHIMBAJ	4257N	05949E	66		1017.9	1026.3	.6	2.9	5.2	.9	0	T	-17	0	108	104
38413 TAMDY	4144N	06437E	237		995.1	1027.8	4.4	4.2	5.8	1.2	0	T	-15	0	49	46
38457 TASHKENT	4116N	06916E	488		967.7	1027.0	5.1	1.9	5.9	.5	3	14	-39	1	126	120
<b>TURKMENISTAN</b>																
38507 TURKMENBASHI	4003N	05300E	-13		1012.6	1023.0	6.7	2.0	7.5	.9	0	T	-14		168	135
38545 DARGANATA	4028N	06217E	142		1008.6	1025.9	3.1		5.9		1	T				0
38687 CHARDZHEV	3905N	06336E	190		1002.1	1025.8	4.9	1.6	6.6	.8	0	T	-17			
<b>SAUDI ARABIA</b>																
40356 TURAIF	3141N	03844E	852		922.1	1519 Y	9.5		6.6		3	19		1	199	
40357 ARAR	3054N	04108E	549		957.3	1022.0	10.6		6.9		3	30		0		
40360 GURIAT	3124N	03716E	504		968.5	1021.0	11.5		5.6		2	2				
40362 RAFHA	2937N	04329E	444		968.5	1021.2	12.1		7.9		2	17			218	
40377 HAFR AL-BATIN	2754N	04532E	414		972.6	1021.3	15.0		7.6		2	18				
40410 KHAYBER	2540N	03918E	754		931.2	1015.4	20.9		7.3		2	11				
40416 DHAHRAN	2616N	05009E	17		1016.4	1018.4	17.7	.7	13.9	3.5	0	0	-11			
40420 AL AHSA	2518N	04929E	178		999.1	1020.1	16.5		8.9		0	0				
40430 MADINAH	2433N	03942E	636		944.8	1016.6	19.9	.9	8.1	1.5	2	16	13		263	
40438 RIYADH	2443N	04644E	620		950.0	1021.1	16.4	1.0	7.2	-.8	1	1	-9		275	
<b>IRAN, ISLAMIC REPUBLIC OF</b>																
40706 TABRIZ	3805N	04617E	1361		870.2	1027 Y	3.3	3.0	5.3	.8	1	2	-24		164	128

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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	%		
40745 MASHHAD	3616N	05938E	989		908.6	1024 Y	7.1	4.5	6.3	1.0	1	4	-22	180	118	
40754 TEHRAN-MEHRABAD	3541N	05121E	1191		887.7	1024 Y	8.1	3.1	7.5	2.3	5	17	-19	165	98	
40800 ESFAHAN	3238N	05143E	1550		849.9	1024 Y	5.2	.8	4.5	-1.1	1	5	-14	192	93	
40831 ABADAN	3022N	04815E	11			1021.2	13.4	-.4	11.5	1.0	3	65	35	204	112	
40841 KERMAN	3015N	05658E	1754		829.4	1023 Y	6.5	.3	2.9	-1.2	1	5	-13	263	132	
40848 SHIRAZ	2932N	05235E	1491		856.3	1022 Y	9.7	2.9	5.3	-1.5	1	12	-51	263	122	
<b>SAUDI ARABIA</b>																
41030 MAKKAH	2126N	03946E	240		985.9	1012.9	26.6		20.2		3	14				
41036 TAIF	2129N	04033E	1454		858.1	1528 Y	16.5	.6	10.8	2.4	1	2	-5	264		
41112 ABHA	1814N	04239E	2093		796.0	1531 Y	13.5		8.7		3	10		271		
41114 KHAMIS MUSHAIT	1818N	04248E	2056		799.5	1530 Y	14.4		9.4		1	2		294		
41136 SHARURAH	1728N	04707E	725		936.2	1017.7	19.3		8.3		0	0		307		
<b>KUWAIT</b>																
40582 KUWAIT INT'L AIRPORT	2913N	04759E	55		1015.6	1022.5	14.3	.2	11.0		2	64	47		120	
<b>BAHRAIN</b>																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		1019.5	1019.7	19.7	.4	16.9	.0	0	T	-10	1	120	
<b>UNITED ARAB EMIRATES</b>																
41194 DUBAI INTERNATIONAL AIRPORT	2515N	05520E	5		1017.3	1018.5	21.1	.5	15.0	-.6	0	0	-14	294	116	
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		1015.7	1018.5	21.1	1.2	16.2	.7	0	0	-9	2	293	
41218 AL AIN INTERNATIONAL AIRPORT	2416N	05536E	262		987.5	1018.5	20.5	.6			0	0	-9	299	119	
<b>OMAN</b>																
41256 SEEB, INTERNATIONAL AIRPORT	2335N	05817E	8		1017.0	1018.0	22.0		15.9		0	T		289		
41268 SUR	2232N	05929E	14		1016.9	1018.4	23.1		18.9		0	0		266		
41288 MASIRAH	2040N	05854E	19		1015.1	1017.3	22.8		19.0		0	0	0	244		
41314 THUMRAIT	1740N	05402E	467		967.6	1019.4	19.6		10.6		0	0				
41316 SALALAH	1702N	05405E	20		1014.7	1017.4	25.2		13.8		0	0		3	280	
<b>PAKISTAN</b>																
41530 PESHAWAR	3401N	07135E	360		925.3	1017.5	14.1	1.6	8.7		0	0	-23	1	110	
41560 PARACHINAR	3352N	07005E	1725		830.9	1536 Y	7.2	.5			0	0	-33	1	140	
41598 JHELUM	3256N	07343E	234		989.2	1016.9	14.7	1.1	10.2		0	0	-30	1	115	
41620 ZHOB	3121N	06928E	1407		861.6	1517 Y	10.3	2.1	4.4		0	0	-13	1		
41624 DERA ISMAIL KHAN	3149N	07055E	173		996.9	1017.4			11.2		0	0	-10	2	100	
41640 LAHORE CITY	3133N	07420E	215		991.7	1017.0	15.8	1.6	11.3		0	0	-13	2	110	
41660 QUETTA AIRPORT	3015N	06653E	1587		844.3	1534 Y	6.0	.9	2.9		0	0	-30	1		
41675 MULTAN	3012N	07126E	123		1002.9	1017.8	15.5	1.4	11.6		0	0	-6	3	110	
41712 DAL BANDIN	2853N	06424E	850		923.7	1540 Y	11.3	.4	3.9		0	0	-7	1		
41715 JACOBABAD	2818N	06828E	56		1010.5	1017.1	17.3	.9	10.3		0	0	-3	3	110	
41739 PANJGUR	2658N	06406E	981		906.6	1523 Y	12.0	-1.1	6.5		0	0	-9	3	115	
41756 JIWANI	2504N	06148E	57		1010.0	1016.6	18.8	-1.6	10.5		0	0	-20	2	110	
41768 CHHOR	2531N	06947E	6		1015.3	1016.0	18.2	.9	10.2		0	0	-1	5		
41780 KARACHI AIRPORT	2454N	06708E	22		1013.8	1016.5	21.4	1.9	10.5		0	0	-4	3	95	
<b>INDIA</b>																

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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	%		
42027 SRINAGAR	3405N	07450E	1587		846.1	1548 Y	4.3	.9	5.3		0	0	-54	1	156	
42071 AMRITSAR	3138N	07452E	234			1017.5	12.7	-.2	10.6		0	0	-18	2	184	101
42147 MUKTESHWAR KUMAON	2928N	07939E	2311		777.9	3178 Z	9.6	1.2			2	21	-8	4		
42165 BIKANER	2800N	07318E	224			1016.6	18.7	2.6	7.5		0	0	-1	3		
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216		991.7	1016.9	15.3	-.4	11.9		0	0	-9	2		
42261 AGRA	2710N	07802E	169		996.8	1014.9			11.2							
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111		1003.8	1016.8	18.1	1.3	15.3		0	0	-24	1	238	
42339 JODHPUR	2618N	07301E	224			1016.3	19.3		8.4		0	0		4		
42410 GAUHATI	2606N	09135E	54		1009.5	1015.9	19.5	1.4	18.1		1	1	-9	3	246	106
42452 KOTA AERODROME	2509N	07551E	274			1016.9	18.4	-.2	10.0		0	0	-5	4		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		1005.3	1016.8	18.7	1.4	15.2							
42515 CHERRAPUNJI	2515N	09144E	1313		871.5	1524 Y	15.3	2.6	11.8		1	3	-26	3		
42587 DALTONGANJ	2403N	08404E	221		989.6	1016.3	18.8	1.4	15.3		0	0	-11	2		
42647 AHMADABAD	2304N	07238E	55		1008.9	1015.2	20.7	-.6	10.9		0	0	-5	4	275	95
42671 SAGAR	2351N	07845E	551		953.7	1016.5	18.7	-.1	11.1							
42731 DWARKA	2222N	06905E	11		1013.8	1015.1	23.5	.7	13.7		0	0	-1			
42754 INDORE	2243N	07548E	567		951.3	1015.6	18.6	-.2	10.3			3	-4	4	262	93
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1014.7	1015.5	22.1	1.3	18.3		0	0	-17	3	173	85
42867 NAGPUR SONEGAON	2106N	07903E	310		979.9	1015.5	20.0	-.4	13.8		0	0	-19	2	255	95
42909 VERAVAL	2054N	07022E	8		1012.9	1013.8	24.5	1.3	17.3		0	0	0	5		
42933 AKOLA	2042N	07702E	282		982.3	1014.6	20.5	-1.0	13.4		0	0	-10	2		
42971 BHUBANESWAR	2015N	08550E	46		1010.1	1015.3	22.0	.0	17.7						219	86
43041 JAGDALPUR	1905N	08202E	553		953.2	1015.7	19.1	-.4	14.7							
43057 BOMBAY/COLABA	1854N	07249E	11		1011.5	1012.7	26.8	.5	24.1							
43063 POONA	1832N	07351E	559		951.2	1014.2	19.6	-.6	13.3		0	0	-4	3	272	94
43128 HYDERABAD AIRPORT	1727N	07828E	545		953.3	1014.1	21.6	.0	14.5		0	0	-3	3	282	107
43185 MACHILIPATNAM	1612N	08109E	3		1013.5	1013.9	24.6	.3	22.4		0	0	-21	2		
43192 GOA/PANJIM	1529N	07349E	60		1004.9	1011.7	26.7	-.2	21.6		1	T	-2	4	288	96
43198 BELGAUM/SAMBRA	1551N	07437E	747		929.7	1012.1	21.3	-.5	13.3							
43279 MADRAS/MINAMBAKKAM	1300N	08011E	16		1011.3	1013.1	25.3	.3	21.1						196	96
43295 BANGALORE	1258N	07735E	921		910.3	1509 Y	21.1	.0	17.9						191	91
43314 KOZHIKODE	1115N	07547E	5		1010.7	1011.3	27.7	.5	27.0		1	2	-23	2		
43333 PORT BLAIR	1140N	09243E	79		1002.7	1011.8	25.7	.0	25.5		8	193	36	4		
43363 PAMBAN	0916N	07918E	11		1010.5	1011.8	26.7	.4	27.6		8	75	-137	1		
43369 MINICOY	0818N	07309E	2		1010.5	1010.7	27.7	.2	29.1		6	89	22	4	262	106
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1003.7	1010.9	27.3	.2							225	104
<b>SRI LANKA</b>																
43418 TRINCOMALEE	0835N	08115E	7		1002.7	1011.3	26.1	.0	27.4	.1	12	211	-130			
43466 COLOMBO	0654N	07952E	7		1009.7	1010.5	26.9	.3	28.0	.9	6	173	5		245	113
43497 HAMBANTOTA	0607N	08108E	20		1008.7	1010.4	26.8	.3	27.8	.3	7	119	1			
<b>MONGOLIA</b>																
44203 RINCHINLHUMBE	5107N	09940E	1583		845.5	1052.7	-29.8	.1	4.8	4.3	1	4	2	5		
44207 HATGAL	5026N	10009E	1668		834.6	1043.3	-21.5	-.8	1.2	.3	0	T	-1	1		
44212 ULAAN-GOM	4959N	09205E	939		922.1	1044.8	-19.4	6.1	1.1	.4	3	12	8	6	30	29
44213 BARUUNTURUUN	4939N	09424E	1232		884.1	1042.7	-22.1	4.5	.9	.1	0	2	-4	1		
44214 UIGI	4856N	08956E	1715		831.5	1036.2	-11.3	3.7	1.5	-.1	0	T	-1	1		
44215 OMNO-GOBI	4901N	09143E	1590		844.4	1036.6	-13.7	6.6	1.7	.6	0	0	-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
44218 HOVD	4801N	09134E	1405		864.3	1042.0	-14.9	5.1	1.6	.5	0	T	-1	1		
44225 TOSONTSENGEL	4844N	09812E	1723		831.4	1049.9	-19.0	9.2	7.4	6.6	1	3	-3	1		
44230 TARIALAN	4934N	10200E	1235		883.3	1038.2	-16.2	1.6	1.3	.2	1	2	1	3		
44231 MUREN	4934N	10010E	1283		876.4	1037.8	-15.9	3.9	1.6	.6	0	1	0	2	131	85
44232 HUTAG	4923N	10242E	938		916.6	1039.2	-18.0	2.4	1.4	.3	1	4	2	2		
44237 ERDENEMANDAL	4832N	10123E	1509		850.8	1033.3	-12.6	3.9	1.7	.3	0	9999	-002	1		
44239 BULGAN	4848N	10333E	1208		881.8	1032.0	-14.8	3.0	1.6	.4	0	2	1	3		
44241 BARUUNKHARAA	4855N	10604E	807		930.0	1035.0	-18.3	2.5	1.3	.3	2	3	-2	1		
44256 DASHBALBAR	4933N	11424E	705		937.4	1028.6	-16.0	1.7	1.6	.4	4	3	1	3		
44259 CHOIBALSAN	4805N	11433E	747		934.7	1031.2	-15.3	2.3	1.5	.2	2	2	0	2	188	106
44265 BAITAG	4607N	09128E	1186		893.1	1040.8	-12.4	5.6	1.9	.5	1	2	-1	2		
44272 ULIASTAI	4745N	09651E	1759		825.2	1038.7	-18.3	2.0	8.0	7.0	0	1	-2	1		
44275 BAYANBULAG	4650N	09805E	2255		774.2	1039.8	-19.8	.3	.8	-.3	1	1	0	4		0
44277 ALTAI	4624N	09615E	2181		783.1	1031.5	-13.0	2.8	1.9	.7	0	2	1	3		
44282 TSETSERLEG	4727N	10128E	1691		831.4	1031.7	-10.3	2.6	14.9	13.5	1	23	21	6	160	93
44284 GAIUUT	4642N	10008E	2126		787.9	1046.2	-22.7	-.6	1.3	.5	2	9	8	6		
44285 HUJIRT	4654N	10246E	1662		834.7	1038.5	-18.0	.5	1.3	.1	1	7	5	6		
44287 BAYANHONGOR	4608N	10041E	1859		814.8	1037.4	-15.4	1.6	1.4	.3	2	5	4	2		
44288 ARVAIHEER	4616N	10247E	1813		818.0	1031.6	-11.1	1.7	1.7	.3	0	2	1	2		
44292 ULAAN-BAATOR	4755N	10652E	1306		872.6	1037.4	-17.8	4.1	1.2	.2	1	2	0	2	130	83
44294 MAANTI	4718N	10729E	1430		857.5	1035.0	-17.8	2.3	1.4	.3	0	1	0	3		
44298 CHOIR	4627N	10813E	1286		819.9	1021.1	-14.5	3.8	1.3	.0	1	4	3	4		
44302 BAYAN-OVOO	4747N	11207E	926		912.7	1031.6	-15.8	2.3	1.3	.1	0	T	-3	1		
44304 UNDERKHAAN	4719N	11038E	1033		901.9	1033.0	-11.7	8.1	1.3	.2	0	1	-1	2		
44305 BARUUN-URT	4641N	11317E	981		907.5	1033.5	-16.0	2.8	1.5	.3	3	5	4	5		
44313 KHALKH-GOL	4737N	11837E	688		930.1	1029.3	-19.2	1.0			5	5	2	3		
44314 MATAD	4710N	11538E	907		914.2	1031.1	-14.6	3.1			5	3	1	2		
44336 SAIKHAN-OVOO	4527N	10354E	1316		872.7	1034.1	-13.6	3.4	1.5	.3	0	T	-1	1		
44341 MANDALGOVI	4546N	10617E	1393		862.8	1034.8	-14.1	1.7	1.5	.1	0	T	-1	1		
44347 TSOGT-OVOO	4425N	10519E	1298		871.1	1030.3	-13.2	1.2			1	3	2	4		
44352 BAYANDELGER	4544N	11222E	1101		894.7	1032.4	-14.2	2.3	1.6	.2	0	T	-1	1		
44358 ZAMYN-UUD	4344N	11154E	964		912.3	1033.9	-14.5	1.4	1.4	-.3	1	4	3	5		
44373 DALANZADGAD	4335N	10425E	1465		856.5	1032.8	-9.7	2.9	2.0	.5	0	T	-1	1	202	95
<b>HONG KONG, CHINA</b>																
45004 KING'S PARK	2219N	11410E	66		1013.5	1021.4	16.4	-1.4	9.9	-3.7	6	31	4	4	165	91
<b>REPUBLIC OF KOREA</b>																
47101 CHUNCHON	3754N	12744E	75		1015.8	1025.4	-2.6	-.5	4.0	.0	2	11	-8	2	144	96
47105 KANGNUNG	3745N	12854E	27		1019.8	1023.2	3.6	.8	3.8	-.4	1	2	-36	1	220	118
47108 SEOUL	3734N	12658E	87		1014.9	1025.9	.4	.8	4.2	-.1	5	17	-4	3	165	112
47115 ULLUNGDO	3729N	13054E	223		995.1	1022.6	4.7	.7	4.9	-.8	13	108	8	4	104	107
47133 TAEJON	3618N	12724E	78		1017.6	1026.5	.8	.6	4.6	-.1	4	8	-22	1	159	110
47138 POHANG	3602N	12923E	6		1024.7	1025.2	4.3	.9	4.5	-.1	0	0	-26	0	218	115
47159 PUSAN	3506N	12902E	71		1015.4	1024.2	5.7	.7	4.5	-.6	0	0	-23	1	242	120
47165 MOKPO	3447N	12623E	56		1021.7	1026.5	4.4	.2	5.7	-.4	5	21	-6	2	187	141
47168 YOSU	3444N	12744E	68		1016.6	1025.0	5.2	.8	5.2	-.2	0	1	-20	1	220	111
47184 CHEJU	3331N	12632E	24		1023.5	1026.4	7.9	.3	6.4	-1.1	5	26	-23	1	130	153

# SURFACE

## DECEMBER 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	%
<b>JAPAN</b>																
47401 WAKKANAI	4525N	14141E	11		1011.4	1012.8	-1.9	.2	4.0	.2	19	97	-25	2	18	64
47407 ASAHIKAWA	4346N	14222E	116		999.6	1014.4	-4.7	-.5	3.9	.1	25	83	-12	2	50	89
47409 ABASHIRI	4401N	14417E	43		1007.7	1013.1	-3.1	-.6	3.9	.1	10	97	46	6	121	113
47412 SAPPORO	4303N	14120E	26		1011.1	1014.4	-1.1	.3	4.3	.2	16	110	10	4	78	92
47418 KUSHIRO	4259N	14424E	37		1008.3	1013.0	-2.5	-.5	3.7	-.2	10	72	27	4	181	113
47420 NEMURO	4320N	14535E	39		1007.2	1012.1	-.7	-.1	4.2	-.2	8	65	16	4	142	104
47421 SUTTSU	4248N	14014E	38		1009.9	1014.6	-.1	.2	4.6	.2	26	184	66	5	34	113
47426 URAKAWA	4210N	14247E	37		1009.3	1013.9	-.2	-.3	4.1	-.2	15	76	12	4	134	124
47430 HAKODATE	4149N	14045E	43		1009.5	1015.0	-.1	.3	5.0	.4	12	91	11	4	106	120
47575 AOMORI	4049N	14046E	3		1015.5	1015.9	1.5	.5	5.5	.3	24	164	3	3	48	92
47582 AKITA	3943N	14006E	21		1014.6	1017.3	3.1	.6	5.6	.1	22	207	35	5	37	79
47585 MIYAKO	3939N	14158E	46		1009.7	1015.5	3.0	.1	4.5	-.2	3	19	-29	2	164	109
47598 ONAHAMA	3657N	14054E	5		1016.7	1017.3	6.6	.9	5.7	-.3	3	19	-21	2	203	115
47600 WAJIMA	3723N	13654E	14		1018.0	1019.7	6.2	.7	7.1	.0	23	263	-16	3	45	92
47602 AIKAWA	3802N	13815E	17		1016.6	1018.6	7.3	1.3	7.0	.2	24	165	3	3	48	92
47605 KANAZAWA	3635N	13638E	33		1016.2	1020.3	6.8	.8	7.2	.0	24	370	65	4	58	88
47618 MATSUMOTO	3615N	13758E	611		945.7	1019.4	2.4	.6	4.8	.0	0	T	-25	1	178	107
47624 MAEBASHI	3624N	13904E	113		1004.0	1018.0	6.0	.5	5.3	.1	0	0	-17	1	216	114
47636 NAGOYA	3510N	13658E	56		1013.9	1020.8	6.8	.6	6.5	.0	1	1	-39	1	184	114
47648 CHOSHI	3544N	14052E	28		1013.8	1017.2	9.5	.9	7.4	-.1	5	67	-9	4	174	109
47655 OMAEZAKI	3436N	13813E	47		1013.0	1018.7	8.8	.1	6.4	-.9	2	5	-65	1	221	117
47662 TOKYO	3541N	13946E	36		1013.2	1017.6	9.0	1.1	5.4	-.4	2	7	-38	1	186	113
47663 OWASE	3404N	13612E	27		1016.9	1020.2	8.2	.2	6.9	-.2	1	4	-95	1	194	112
47675 OSHIMA	3445N	13222E	79		1008.0	1017.6	10.2	1.4	7.6	-.1	4	20	-87	1	171	118
47678 HACHIJOJIMA	3306N	13947E	80		1008.8	1018.5	12.7	-.1	10.0	-.3	9	83	-90	1	106	103
47740 SAIGO	3612N	13320E	31		1017.4	1021.3	7.1	.5	7.0	-.2	19	200	45	4	103	117
47741 MATSUE	3527N	13304E	22		1019.3	1022.0	6.9	.5	7.1	-.4	15	143	6	3	96	114
47750 MAIZURU	3527N	13519E	22		1019.0	1021.8	5.6	-.2	7.3	.0	16	105	-2		103	118
47755 HAMADA	3454N	13204E	20		1020.1	1022.6	8.7	.5	6.7	-.4	6				96	132
47772 OSAKA	3441N	13531E	83		1011.7	1021.8	8.7	.8	6.6	-.2	2	5	-29	1	170	121
47778 SHIONOMISAKI	3327N	13546E	75		1011.4	1020.5	10.2	.2	7.1	-.5	2	13	-75	1	198	108
47800 IZUHARA	3412N	12918E	19		1022.1	1024.4	7.8	.6	6.1	-.8	2	5	-49	1	190	135
47807 FUKUOKA	3335N	13023E	15		1022.3	1024.1	8.6	.4	6.8	-.6	5	22	-38	1	145	139
47815 OITA	3314N	13137E	13		1022.0	1023.6	8.1	.4	6.6	-.6	2	15	-17	2	185	128
47817 NAGASAKI	3244N	12952E	35		1019.9	1024.3	8.8	.0	7.5	-.5	5	28	-38	1	133	125
47827 KAGOSHIMA	3133N	13033E	31		1019.8	1023.6	9.9	.7	8.0	-.6	6	22	-48	1	160	113
47830 MIYAZAKI	3155N	13125E	7		1022.2	1023.1	8.9	.2	7.4	-.8	2	15	-35	1	193	107
47837 TANEGASHIMA	3044N	13100E	18		1020.5	1022.8	13.4	-.1	9.8	-1.0	11	64	-29	2	128	98
47843 FUKUE	3242N	12850E	26		1021.1	1024.3	8.9	-.2	7.4	-.9	8	39	-60	1	132	145
47887 MATSUYAMA	3350N	13247E	34		1018.8	1023.0	8.3	.6	6.9	-.2	5	25	-13	2	148	114
47891 TAKAMATSU	3419N	13403E	10		1021.2	1022.4	7.7	.6	6.6	-.3	5	8	-24	1	163	110
47898 SHIMIZU	3243N	13301E	33		1018.3	1022.3	10.7	.0	7.3	-.6	2	15	-56	1	196	111
47899 MUROTOMISAKI	3315N	13411E	186		998.7	1021.3	9.7	.1	6.8	-.9	1	1	-71	1	194	112
47909 NAZE	2823N	12930E	7		1021.3	1022.2	15.8	-.3	12.6	-.3	15	282	129	6	72	99
47918 ISHIGAKIJIMA	2420N	12410E	7		1019.5	1020.3	19.8	.4	16.6	-.2	12	263	130	5	53	56
47927 MIYAKOJIMA	2447N	12517E	41		1015.6	1020.4	19.5	.5	16.3	.0	10	224	72	4	64	66
47936 NAHA	2612N	12741E	53		1014.9	1021.2	18.4	.4	14.5	.0	12	159	36	4	90	83
47945 MINAMIDAITOJIMA	2550N	13114E	20		1017.3	1019.7	19.3	.3	15.0	-.7	8	233	113	5	95	90

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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	%
47971 CHICHIJIMA	2705N	14211E	8		1017.7	1018.6	19.4	- .5	15.9	- .6	13	152	40	80	67	
47991 MINAMITORISHIMA	2418N	15358E	9		1014.8	1015.9	24.7	.7	23.4	.6	15	127	26	190	113	
<b>THAILAND</b>																
48327 CHIANG MAI	1847N	09859E	314		979.6	1016.0	20.2	- .8	13.7	-4.7	1	25	5	4	203	79
48354 UDON THANI	1723N	10248E	182		995.8	1016.6	20.0	-2.1	14.4	-3.5	1	1	-2	5		
48378 PHITSANULOK	1647N	10016E	45		1009.6	1014.9	22.5	-1.5	18.0	-2.2	0	T	-6	3	233	87
48400 NAKHON SAWAN	1548N	10010E	35		1010.5	1014.7	23.1	-1.6	20.0	- .9	0	T	-7	3	192	71
48431 NAKHON RATCHASIMA	1458N	10205E	188		989.1	1015.4	21.2	-1.6	15.1	-3.9	0	1	-3	4		
48455 BANGKOK	1344N	10034E	20		1012.8	1013.3	24.5	-1.1	17.9	-5.3	0	T	-10	3	193	74
48462 ARANYAPRATHET	1342N	10235E	49		1008.3	1013.9	23.1	-1.7	17.3	-4.0						
48480 CHANTHABURI	1236N	10207E	4		1011.8	1012.2	23.6	-1.6	18.4	-3.8	1	T	-12	2	203	73
48500 PRACHUAP KHRIKHAH	1150N	09950E	5		1011.6	1012.2	24.1	- .9	18.6	-4.6	3	47	12	5		
48517 CHUMPHON	1029N	09911E	5		1011.2	1011.8	23.1	-1.9	20.5	-5.3	4	388	270	5		
48568 SONGKHLA	0712N	10036E	5		1009.7	1010.4	25.7	-1.0	28.0	- .2	20	657	253	5	118	65
<b>LAO PDR</b>																
48930 LUANG-PRABANG	1953N	10208E	305		982.9	1018.3	17.2	-1.4	15.3	-2.6	3	45	35	5		
48938 SAYABOURY	1914N	10144E	326		993.8	1014.0	17.8	- .8	15.0	-2.9	4	11	1	1		
48940 VIENTIANE	1757N	10234E	171		996.4	1016.3	20.4	-1.3	15.8	-2.4	1	40	38	5		
48946 THAKHEK	1723N	10439E	152		1000.3	1018.0	19.6	-2.1	14.4	-3.8	0	0	-2			
48947 SAVANNAKHET	1633N	10439E	145		1002.0	1020.2	15.2	-4.8	20.0	3.1	0	0	-1			
48948 SENO	1640N	10500E	185		994.2	1015.9	18.1	-1.9	15.5	-1.4	0	0	-1	1		
48955 PAKSE	1507N	10510E	102		1000.7	1011.5	22.8	.4	17.1	-1.8	0	0	-2	1		
<b>CHINA</b>																
50527 HAILAR	4913N	11945E	611		948.9	1031.0	-22.4	.2	.9	.0	4	10	6	5	97	65
50745 QIQIHAR	4723N	12355E	148		1005.5	1025.3	-13.9	2.3	1.4	.2	3	10	8	5	164	96
51076 ALTAY	4744N	08805E	737		944.7	1039.1	-10.4	3.0	2.1	.2	3	10	-5	3	173	128
51431 YINING	4357N	08120E	663		950.7	1032.9	-1.6	3.5	4.1	.6	6	23	4	4	174	123
51463 URUMQI	4347N	08737E	919		922.3	1036.8	-7.0		2.7		6	33	6	99	80	
51709 KASHI	3928N	07559E	1291		881.4	1034.7	-1.0	2.9	3.4	.2	0	0	-1	3	222	141
51777 RUOQIANG	3902N	08810E	889		927.1	1037.6	-5.0	1.2	2.3	.1	0	T	-1	4	190	94
51828 HOTAN	3708N	07956E	1375		871.8	1033.5	- .3	3.1	2.7	.1	0	0	-1	4	244	133
52203 HAMI	4249N	09331E	739		944.1	1037.5	-7.2	1.1	2.4	.4	1	3	2	5	184	92
52533 JIUQUAN	3946N	09829E	1478		860.5	1036.5	-5.2	2.5	1.8	- .1	0	0	-1	1		
52836 DULAN	3618N	09806E	3192		694.4		-9.3	- .5	1.3	.2	4	7	4	5	239	102
52889 LANZHOU	3603N	10353E	1518		856.3		-3.4	1.4	2.3	- .3	0	0	-1	2	197	117
53068 ERENHOT	4339N	11200E	966		912.0	1034.7	-14.4	1.3	1.6	.4						
53614 YINCHUAN	3829N	10613E	1112		899.3	1034.6	-4.4	1.9	2.4	.0	1	4	3	5	202	94
53772 TAIYUAN	3747N	11233E	779		936.0	1032.1	-2.5	1.9	2.4	- .1	0	0	-3	3	200	116
54292 YANJI	4253N	12928E	178		1001.7	1025.1	-9.6	1.9	1.9	.2					136	93
54342 SHENYANG	4146N	12326E	43		1020.8	1027.6	-8.1	- .2	2.4	.2	2	15	7	4	147	97
54511 BEIJING	3956N	11617E	55		1024.6	1028.8	- .6	1.6	2.4	- .2	0	T	-2	2	137	73
55591 LHASA	2940N	09108E	3650		653.5		- .7	1.0	1.9	.2	0	0	-1	5	250	95
56137 QAMDO	3109N	09710E	3307		684.3		-2.4	- .2	2.2	.3	0	T	-2	2	213	104
56294 CHENGDU	3040N	10401E	508		968.0	1029.5	7.0	- .1	8.0	- .5	1	32	27	6	58	98
56571 XICHANG	2754N	10216E	1599		844.1		9.5	- .2	7.4	.3	2	84	78	6	186	89
56739 TENGCHONG	2507N	09829E	1649		838.0		10.3	1.6	8.7	.6	1	15	-6	4	244	100

## SURFACE

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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	
56778 KUNMING	2501N	10241E	1892		815.1		8.2	.3	7.8	.2	3	11	-2	4	171	84
56985 MENGZI	2323N	10323E	1302		875.4	1022.9	10.3		8.9		2	15		4	156	75
57036 XI'AN	3418N	10856E	398		982.2	1031.7	2.8	1.9	4.1	-.4	0	T	-5	1	63	52
57083 ZHENGZHOU	3443N	11339E	111		1015.4	1029.5	4.1	2.3	3.5	-.6	0	T	-9	2	142	89
57461 YICHANG	3042N	11118E	134		1012.2	1028.9	8.4	1.5	6.9	-.4	1	7	-14	2	169	178
57745 ZHIJIANG	2727N	10941E	273		994.9	1028.4	8.2	1.2	7.4	-.4	0	T	-33	1	154	203
57993 GANZHOU	2551N	11457E	125		1011.6	1026.9	9.9	-.1	7.6	-1.4	2	4	-34	1	179	126
58362 SHANGHAI	3124N	12128E	4		1027.7	1028.7	7.5		7.3		1	5		1	185	110
58606 NANCHANG	2836N	11555E	50		1022.2	1027.9	8.7	1.2	7.0	-.5	1	3	-37	1	215	158
59287 GUANGZHOU	2308N	11319E	8		1017.8	1023.1	14.1	-.9	8.9	-2.9	6	54	31	5	160	95
59316 SHANTOU	2324N	11641E	3		1021.3	1022.2	15.4	.3	11.6	-1.8	6	26	-2	4	182	104
59431 NANNING	2249N	10821E	73		1008.5	1023.8	12.6	-2.0	10.0	-2.6	5	57	35	5	163	127
59758 HAIKOU	2002N	11021E	24		1018.4	1020.5	17.4	-1.3	15.2	-2.8	5	99	65	5	96	66
<b>AFRICA</b>																
<b>MADEIRA</b>																
08522 FUNCHAL	3238N	01654W	56		1018.1	1025.0	16.9	.0	12.6	-1.0	6	84	-16	3	161	115
<b>SPAIN (CANARY ISLANDS)</b>																
60020 SANTA CRUZ DE TENE- RIFE, CM	2827N	01615W	36		1018.4	1022.9	18.5	-.3	14.8	.5	5	40	-11	3	181	106
60030 LAS PALMAS DE GRAN CAN./GAN.	2756N	01523W	47		1016.3	1021.8	18.7	.4	18.7	4.0	7	32	11	4	184	102
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1020.4	1022.9	18.0	.1	18.1	3.4	3	18	-7	3	207	112
<b>MOROCCO</b>																
60101 TANGER(AERODROME)	3544N	00554W	21		1023.0	1024.9	13.2	-.1	12.2		11	65	-64	1	167	115
60115 OUJDA	3447N	00156W	470		968.7	1024.8	9.5	-1.0	9.2		4	47	2	4	188	60
60120 KENITRA	3418N	00636W	14		1022.8	1024.5	12.9	-.1	12.6		8	44	-91	2	190	120
60135 RABAT-SALE	3403N	00646W	75		1014.9	1024.5	12.5	-.7	12.1		7	50	-50	2	206	20
60150 MEKNES	3353N	00532W	549		958.5	1024.9	9.8	-.9	10.0		7	57	-24	2	210	130
60155 CASABLANCA	3334N	00740W	62		1017.2	1024.2	13.4	-.1	12.8		7	39	-38	2	209	65
60195 MIDELT	3241N	00444W	1515		854.8	1562 Y	7.0	.2	5.6		3	8	0	3	234	75
60220 ESSAOUIRA	3131N	00947W	8		1022.6	1023.4	15.1	-.1	12.6		4	23	-42	2	217	90
60230 MARRAKECH	3137N	00802W	466			1024.5	12.3	-.3	9.9		6	34	3	4	240	105
60265 OUARZAZATE	3056N	00654W	1140		894.5	1568 Y	9.2	-.3	6.3		2	10	1	4	261	80
60318 TETUAN/SANIA RAMEL	3535N	00520W	10		1023.9	1025.1	14.3		12.1		9	47		2	167	95
<b>SPAIN (CEUTA AND MELILLA)</b>																
60338 MELILLA	3517N	00257W	55		1017.0	1023.6	14.1	.0	12.0	.3	3	15	-36	1	185	117
<b>ALGERIA</b>																
60351 JIJEL ACHOUAT	3653N	00549E	10		1020.0	1021.2	12.2		11.6		12	250		0	137	45
60353 JIJEL PORT	3650N	00547E	2		1019.1	1019.9	13.2		11.2		13	228				
60355 SKIKDA	3656N	00657E	7		1019.7	1019.9	13.5	.5	11.4		14	238				
60360 ANNABA	3650N	00749E	4		1021.5	1022.0	11.1	-1.4	10.2		15	65	-30	3	164	50
60367 EL-KALA	3654N	00827E	10		1018.7	1020.1	13.3		10.5		17	147				
60390 DAR-EL-BEIDA	3643N	00315E	25		1018.8	1022.3	11.8	-.3	11.1		11	202	87	5	154	50
60395 TIZI-OUZOU	3642N	00403E	195		999.4	1021.9	10.5		10.5		11	219				

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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.
60402 BEJAIA	3643N	00504E	2		1020.8	1021.2	11.9	- .8	10.7		10	227	92	5	145	120
60403 GUELMA	3628N	00728E	227		993.8	1021.2	10.7		10.1		16	108			137	
60410 TENES	3630N	00120E	59		1021.1	1023.2	14.1		11.1		11	137			138	45
60417 BOUIRA	3623N	00354E	635		955.5	1021.8	8.7		9.6		11	126			154	50
60419 CONSTANTINE	3617N	00637E	694		939.8	1021.6	7.6	- .3	8.7		11	94	23	4	139	45
60421 OUM EL BOUAGHI	3553N	00707E	889		917.3	1510 Y	6.5		7.7		12	64			135	
60423 SOUK AHRAS	3617N	00758E	680		940.3	1020.4	8.3				14	123			126	
60425 CHLEF	3613N	00120E	143		1006.3	1023.5	11.0	- .2	10.8		10	100		5	150	
60430 MILIANA	3618N	00214E	715		938.7	1023.2	9.0	- .3	8.9		12	242	123	5	128	
60437 MEDEA	3616N	00245E	981		902.0	1520 Y	6.1		8.4		12	183			125	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928		914.8		6.3		7.4		12	73			147	
60445 SETIF	3611N	00525E	1081		901.8	1520 Y	5.7		7.6		8	81			151	
60452 ARZEW	3549N	00016W	3		1022.5	1023.0	14.0		12.1		6	56		0	166	70
60457 MOSTAGANEM VILLE	3553N	00007E	137		1006.3	1023.3	11.7		11.3		9	62			172	
60461 ORAN PORT	3542N	00039W	22		1020.3	1023.0	13.9		11.5		5	48				
60467 M'SILA	3540N	00430E	441		967.9	1020.7	8.7		8.9		8	58				
60476 KHENCHELLA	3525N	00709E	1116		907.2	1554 Y	6.6		7.2		11	56			151	
60490 ORAN/ES SENIA	3538N	00036W	90		1012.3	1023.4	11.5	- .2	11.1		11	79	18	4	193	65
60506 MASCARA METMORE	3536N	00018E	474		967.4	1024.2	8.9		9.2		14	75			185	
60511 TIARET	3515N	00126E	1127		909.7	1529 Y	6.2		8.1		12	79			149	50
60514 KSAR CHELLALA	3510N	00219E	800		930.8	1539 Y	7.3		8.2		9	72			147	45
60515 BOU-SAADA	3520N	00412E	461		969.7	1024.7	34.8		8.1						130	
60517 GHAZAOUET	3506N	00152W	83		1024.0	1024.6	13.7	2.0	11.3		5	48	-13	3		
60518 BENI-SAF	3518N	00121W	68		1013.7	1022.0	13.3	1.6	12.7		8	52	-9	3	186	70
60520 SIDI BEL ABBES	3511N	00237W	450		1007.5	1024.1	9.2	-2.5	9.2		10	68	7	4	195	
60522 MAGHNA	3449N	00147W	426		973.8	1025.1	9.1	-2.6	9.0		4	54	-7	3	191	
60525 BISKRA	3448N	00544E	87		1011.3	1022.1	11.5	-1.0	9.1		10	36	29	6	197	65
60531 TLEMCEN (ZENATA)	3501N	00128W	247		995.0	1024.7	10.9		10.3		8	75			184	60
60535 DJELFA	3441N	00315E	1144		886.0	1521 Y	4.9	-1.0	6.9		11	69	39	5	144	100
60536 SAIDA	3452N	00009E	750		935.3	1536 Y	7.9	2.0	8.1		11	74	44	5	170	
60540 EL KHEITER	3409N	00004E	1000		907.1	1529 Y	5.6	- .3	7.0		3	11	-19	1	189	
60545 LAGHOUAT	3346N	00256E	765		933.3	1530 Y	8.0	2.1	7.3		2	53	23	5	219	70
60549 MECHERIA	3456N	00026W	1149		891.4	1538 Y	6.6		6.7		4	21			204	65
60550 ELBAYADH	3340N	00100E	1341		870.5	1541 Y	4.5		5.7		7	60			166	10
60555 TOUGGOURT	3307N	00608E	85		1011.3	1022.4	10.4		9.5		0	T			227	
60557 NAAMA	3316N	00018W	1166		889.7	1534 Y	5.0	- .9	5.9		2	3	-27	1	198	
60559 EL OUED	3330N	00607E	63		1013.2	1021.6	10.9	- .6	9.6		1	18	11	5	227	
60560 AIN SEFRA	3246N	00036W	1058		899.2	1517 Y	6.4	-5.1	5.7		3	6	-1	4	214	
60566 GHARDAIA	3223N	00349E	450		968.1	1023.7	10.8	- .8	7.7		2	22	19	5	245	80
60571 BECHAR	3137N	00214W	773		930.0	1547 Y	10.0	- .4	5.3		0	T	-8	2	268	85
60580 OUARGLA	3155N	00524E	141		1004.3	1022.0	11.0		8.9		1	4			167	
60581 HASSI-MESSAOUD	3140N	00609E	142		1004.9	1022.4	10.7	-1.0	8.9		1	4	0	4		
60590 EL GOLEA	3034N	00252E	397		975.5	1023.7	9.8	- .7	7.2		1	1	-5	4	258	80
60602 BENI ABBES	3008N	00210W	499		963.7	1023.2	11.4	- .2			0	0	-6	2	275	90
60607 TIMIMOUN	2915N	00017E	312		986.1	1024.0	11.1	-1.1	5.9		0	0	-1	4	262	
60611 IN AMENAS	2803N	00938E	562		955.6	1021.9	10.1	-1.2	5.9		0	0	-3	3	250	
60620 ADRAR	2753N	00017W	263		987.7	1021.6	12.2	- .7	6.4		0	0	-1	4	270	80
60630 IN SALAH	2712N	00228E	293		988.8	1020.7	13.5	-1.4	5.5		0	0	-2	4	273	
60640 ILLIZI	2630N	00825E	558		817.0	1010.7	12.6		6.0		0	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.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
60656 TINDOUF	2740N	00808W	431		969.2	1021.7	13.1		7.1		0	0			77	
60670 DJANET	2433N	00928E	1054		909.7	1533 Y	11.8	-2.0	7.5						291	85
60680 TAMANRASSET	2247N	00531E	1378		867.3	1533 Y	13.8	-1.1	3.2		0	0	-1	3	292	105
60686 BORDJI B.MOKHTAR	2120N	00057E	398		970.8	1017.1	17.3	3.4	3.1		0	0	-1	3	257	
60690 IN-GUEZZAM	1934N	00546E	411		971.1	1018.0	20.6		4.0		0	0			213	
<b>TUNISIA</b>																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1018.2	1018.7	13.0	.5	10.7		10	56	-10	4	152	103
60725 JENDOUBA	3629N	00848E	144		1003.0	1020.3	11.7	.7	10.4		10	88	32	4	161	109
60735 KAIROUAN	3540N	01006E	68		1011.4	1019.7	12.8	.3	10.0		4	17	-18	3	159	85
60745 GAFSA	3425N	00849E	314		983.3	1021.1	9.7	-3	8.9		3	21	-6	4	223	108
60765 GABES	3353N	01006E	5		1019.9	1020.5	13.0	.0	9.3		3	12	-21	3	233	111
<b>NIGER</b>																
61017 BILMA	1841N	01255E	357		973.6	1014.2	22.3		7.6		0	0		5	298	20
61024 AGADEZ	1658N	00759E	502		956.4	1012.3	26.2		.6		0	0		5	297	95
61036 TILLABERY	1412N	00127E	210		987.1	1010.5	29.4				0	0		5	280	95
61045 GOURE	1359N	01018E	460		961.8	1010.0	26.9		8.6		0	0		5	276	
61049 N'GUIGMI	1415N	01307E	286		979.5	1011.7	27.0		10.6		0	0		5	232	95
61052 NIAMEY-AERO	1329N	00210E	227		986.7	1012.0	24.6		6.9		0	0		5	313	110
61075 BIRNI-N'KONNI	1348N	00515E	273		981.2	1012.0	24.1		7.8		0	0		5	313	105
61080 MARADI	1328N	00705E	373		969.2	1011.4	22.0		5.6		0	0		5	299	105
61090 ZINDER	1347N	00859E	453		962.0	1013.2	22.1		5.6		0	0		5	305	105
61096 MAINE-SOROA	1314N	01159E	337				27.5		11.2		0	0		5	294	95
<b>MALI</b>																
61202 TESSALIT	2012N	00059E	491		959.7	1015.3	21.1		3.6						255	107
61214 KIDAL	1826N	00121E	459		962.2	1014.0			4.7							
61223 TOMBOUCTOU	1643N	00300W	264		984.1	1014.3	21.8		9.0		0	0	-1	5	260	101
61230 NIORO DU SAHEL	1514N	00921W	237		986.5	1013.5	23.2	.3	8.6		0	0	-1	0		
61250 MENAKA	1552N	00213E	278				23.8		5.6						293	112
61265 MOPTI	1431N	00406W	272				23.9	.2	8.8		0	0	-1		300	114
61270 KITA	1304N	00928W	334		974.2	1011.7	24.0	-1.3	9.3		0	0	-1	5	284	105
61272 SEGOU	1324N	00609W	289		979.8	1012.3	24.6	.3	14.9		0	0	-1	4	265	98
61277 SAN	1320N	00450W	284		980.5	1013.3	24.4	.2			0	0	-1	5	290	107
61291 BAMAKO/SENOU	1232N	00757W	381		970.1	1011.1	24.4	-4	9.0		0	0	0		293	109
61293 KOUTIALA	1223N	00528W	367		970.3	1011.4	23.9	.9	9.9		0	0	-1	1	273	101
61296 BOUGOUNI	1125N	00730W	351		971.9	1011.0	23.8	-5	11.6		0	0	-1	0	276	107
61297 SIKASSO	1121N	00541W	375				24.4	.8	9.9		0	0	-1	5	305	117
<b>SENEGAL</b>																
61600 SAINT-LOUIS	1603N	01627W	4		1012.7	1013.2	23.2		13.6	.9	0	0	-1	3	249	107
61627 LINGUERE	1523N	01507W	21		1008.7	1011.0	29.3		16.0	6.3	0	T	-1	4		
61630 MATAM	1539N	01315W	17		1008.8	1010.4			18.5	8.6	0	0	-1	0	253	144
61641 DAKAR/YOFF	1444N	01730W	24		1009.4	1012.7	23.3		18.2	-2	0	T	-1	4	214	90
61679 KAOLACK	1408N	01604W	7		1011.9	1012.7	25.9		13.8		0	3	2	5	270	116
61687 TAMBACOUNDA	1346N	01341W	50		1005.6	1011.3	26.8		10.9	1.9	0	0	-1	0		
61695 ZIGUINCHOR	1233N	01616W	23		1009.0	1011.6	25.6		19.1	2.7	0	1	0	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	hr	%		
<b>MAURITIUS</b>																
61974	AGALEGA	1026S	05645E	3	1010.5	1010.8	27.5	.3	28.2	-1.3	8	136	-54	2	279	
61986	ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4	1012.8	1013.1	26.7	-.3	27.8	-.7	8	114	43	5		
61988	RODRIGUES	1941S	06325E	59	1009.0	1015.3	25.4	-.1	25.3	-.3	3	12	-78	1	302	109
61990	PLAISANCE (MAURITIUS)	2026S	05740E	57	1009.2	1015.2	25.3	.0	24.2	-1.8	10	128	-62	2	249	102
<b>EGYPT</b>																
62306	MERSA MATRUH	3120N	02713E	29	1016.9	1020.5	15.5	1.1	11.4	.0	20	0				
62337	EL ARISH	3105N	03350E	38	1015.8	1019.4	14.5	.6	11.6	.3	2	17		1		
62378	HELWAN	2952N	03120E	141	1002.9	1020.0	15.9	1.5	10.8	.9	0	0		1	199	101
62414	ASSWAN	2358N	03247E	194	994.2	1017.0	18.0	1.1	8.6	.6	0	0		1	302	104
62417	SIWA	2912N	02529E	-13	1021.9	1020.0	13.5	.3	18.1	9.2	0	0			258	102
62435	KHARGA	2527N	03032E	73	1006.7	1018.1	16.6	1.1	5.8	-3.2	0	0		3	281	102
<b>SUDAN</b>																
62600	WADI HALFA	2149N	03129E	183	994.5	1016.0	20.4	2.3	9.7		0	0	-T	5	314	95
62640	ABU HAMED	1932N	03319E	312	977.9	1012.9	23.5	1.6	10.2		0	0	0	5	102	90
62641	PORT SUDAN	1935N	03713E	2	1009.9	1014.7	25.3	.6	25.4		4	123	113	6	177	50
62650	DONGOLA	1910N	03029E	226	987.0	1015.1	19.0	-.3	6.7		0	0	-T	5	313	90
62660	KARIMA	1833N	03151E	249			23.3	1.7	8.6		0	0	-T	5	323	80
62680	ATBARA	1742N	03358E	345	970.2	1012.1	26.2	2.7	10.2		0	0	0	5		
62721	KHARTOUM	1536N	03233E	380	966.8	1010.6	25.7	1.2	9.9		0	0	0	5		
62730	KASSALA	1528N	03624E	500			28.4	2.3	8.3		0	0	-T	5	321	90
62751	WAD MEDANI	1424N	03329E	408	965.1	1010.8	26.3	2.0	14.4		0	0	-T	5	323	90
62752	GEDAREF	1402N	03524E	599	943.1	1009.5	28.1	1.5	13.9		0	0	0	5	294	80
62760	EL FASHER	1337N	02520E	730	930.4	1012.0	20.4	.3	8.5		0	0	0	5	215	95
62762	SENNAR	1333N	03337E	418	961.1	1008.1	25.7	-2.9	12.5		0	0	0	5	328	90
62770	GENEINA	1329N	02227E	805	923.7	1012.3	24.9	3.2	6.8		0	0	0	5	285	75
62805	DAMAZINE	1147N	03423E	470	952.9	1004.4	26.4	.1	14.2		0	0	-1	5	300	90
62840	MALAKAL	0933N	03139E	388	965.3	1008.7	27.0	.2	12.7		0	0	-T	5	293	85
<b>ETHIOPIA</b>																
63402	JIMMA	0740N	03650E	1725	834.8		17.6	-7.8	11.9		1	2	-9			115
63450	ADDIS ABABA-BOLE	0902N	03845E	2354	773.9	1013 Y	14.2		10.0		0	0		5		
63471	DIREDAWA	0936N	04151E	1260	886.5		21.4	-4.0	11.5		1	2	-9			100
<b>KENYA</b>																
63619	MOYALE	0332N	03903E	1097	891.3	1523 Y	22.8				2	9			233	
63686	ELDORET	0032N	03517E	2133	789.7	1484 Y	16.2		11.9		2	293			289	
63740	NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624	838.6	1504 Y	19.1				9	0095			202	20
<b>UNITED REPUBLIC OF TANZANIA</b>																
63756	MWANZA	0228S	03255E	1140	887.1	1509 Y	22.8		20.0		14	125	-37	3		
63832	TABORA AIRPORT	0505S	03250E	1190	881.4	1490 Y	24.1		18.0		7	49	-157	1		
63862	DODOMA	0610S	03546E	1120	890.1	1519 Y	24.7		17.0		3	115	-7	2		
63894	DAR ES SALAAM AIRPORT	0652S	03912E	55	1006.0	1012.3	26.7		28.0		9	174	58	3		
63962	SONGEA	1041S	03535E	1067	896.2	1526 Y	25.5		17.6		8	105	-102	1		
<b>RWANDA</b>																

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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	
64387 KIGALI	0158S	03007E	1497		850.8	1502 Y	19.6									
<b>CONGO</b>																
64400 POINTE-NOIRE	0449S	01154E	17		1008.2	1010.2	26.3		28.9		14	129		3	153	95
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		974.0	1009.1	25.4		26.4		16	236		5	162	105
64458 OUESSO	0137N	01603E	352		969.5	1008.8	24.6		27.0		9	66		2		
64459 IMPFONDO	0137N	01804E	326				25.4		27.4		6	79				
<b>GABON</b>																
64500 LIBREVILLE	0027N	00925E	15		1008.3	1009.8	26.6	.4	30.0		14	138	-165	1	162	97
<b>CENTRAL AFRICAN REPUBLIC</b>																
64600 BERBERATI	0415N	01548E	583		945.3	1009.7	23.7		23.2		2	0027				
64601 BOUAR	0558N	01538E	1020		898.9		23.6		11.8		0	0				
64610 BOSSANGOA	0629N	01726E	465		957.9	1008.7	24.1		17.9		0	0				
64650 BANGUI	0424N	01831E	366		967.8	1008.7	25.0		23.1		6	69			237	
64655 BRIA	0632N	02159E	584		944.7	1008.7	23.7		19.9		0	0				
64656 BANGASSOU	0444N	02250E	500		953.9		25.0		23.7		1	1				
64660 BAMBARI	0551N	02039E	475		956.0	1007.8	25.1		20.7		0	0				
64661 YALINGA	0630N	02316E	602		942.9	1009.0	22.7		19.4		0	0				
<b>CAMEROON</b>																
64851 MAROUA-SALAK	1027N	01415E	422			1009.3			9.7	1.0	0	0	0	5	320	108
64870 NGAOUNDERE	0721N	01334E	1104		890.7	1493 Y	19.4	-1.0	11.0	.7	0	0	0	5	313	108
<b>BENIN</b>																
65306 KANDI	1108N	00256E	292		997.8	1010.7	24.7	-.1	9.5	-.4	0	0	-1	1	288	103
65319 NATITINGOU	1019N	00123E	461		959.4	1010.4	26.2	-.2	8.9	-1.9	0	0	-3	1	267	103
65330 PARAKOU	0921N	00237E	393		966.8	1010.4	26.5	.4	9.6	-4.5					254	100
65335 SAVE	0802N	00228E	200		987.2	1009.5	27.7	.0	19.7	-.4	0	0	-4	1	238	108
65338 BOHICON	0710N	00204E	167		991.4	1010.2	27.7	-.4	26.9	1.1	0	0	-14	1	236	111
65344 COTONOU	0621N	00223E	9		1008.7	1009.7	28.4	1.1	30.8	1.5	3	27	8	4	224	100
<b>TOGO</b>																
65352 MANGO	1022N	00028E	146		993.1	1010.8	26.8	.1	11.7		0	0	-3	4		
65361 SOKODE	0859N	00109E	387		967.0	1010.6	25.9		12.7							
65387 LOME	0610N	00115E	25		1007.3	1010.1	28.1	1.0	29.6			0	-7	2	200	88
<b>BURKINA FASO</b>																
65501 DORI	1402N	00002W	277		980.8	1012.3	24.0		9.5		0	0		5	302	
65502 OUAHIGOUYA	1334N	00225W	336		973.7	1011.5	24.7		8.8		0	0		5		
65503 OUAGADOUGOU	1221N	00131W	306		977.3	1011.5	25.0		10.1		0	0			294	205
65505 DEDOUGOU	1228N	00329W	300		977.5	1011.2	26.0		7.5		0	0		5		
65507 FADA N'GOURMA	1202N	00022E	309		976.5	1011.1	25.1		9.5		0	0		5		
65510 BOBO-DIOULASSO	1110N	00419W	460		959.8	1010.8	25.8		9.2		0	0		0	258	90
65516 BOROMO	1145N	00256W	271		980.5	1011.0	25.1		9.8		0	0		4	265	
65522 GAOUA	1020N	00311W	335		977.6	1010.5	24.3		11.4		0	0		3		
<b>MADAGASCAR</b>																



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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.
							°C	°C	mb	mb	mm	mm	hr			
67009 DIEGO-SUAREZ	1221S	04918E	105			1012.6	27.3	.8	28.3	1.6	11	0179	0009			
67019 ANALALAVA	1438S	04746E	57		1006.0	1012.6	27.3	.5	28.3	-.2	11	106	-193	1		
67073 MAINTIRANO	1803S	04402E	23		1009.2	1011.8	27.1	.0	30.1	1.1	11	177	-17	3		
67161 TULEAR	2323S	04344E	8		1009.8	1011.7	27.8	1.2	28.4	9.2	4	238	141	2		
67197 FORT-DAUPHIN	2502S	04657E	9		1012.6	1013.6	26.2	1.1			9	297	133		282	119
<b>ZIMBABWE</b>																
67775 HARARE (KUTSAGA)	1755S	03108E	1480		854.2	1519 Y	19.9	-1.0	15.3		10	119	-51	1	276	139
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		867.5	1519 Y	21.8		17.3		10	72	-48	2	232	105
<b>SOUTH AFRICA</b>																
68242 MMABATHO	2547S	02532E	1251		872.4	1525 Y	21.5		17.2		16	131			194	
68262 PRETORIA	2544S	02811E	1306		873.4	1535 Y	22.0		17.4		16	122	14	4	191	70
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		832.4	1522 Y	17.6		15.8		15	170	67	5	174	66
68424 UPINGTON	2842S	02127E	850		921.8	1509 Y	25.8		15.0		10	74	57	5	315	86
68438 KIMBERLEY	2848S	02446E	1196		881.1	1511 Y	22.5		15.5		13	161	115	6	230	69
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		861.5	1516 Y	20.4		15.0		11	138	78	5	208	65
68461 BETHLEHEM	2825S	02833E	1690		832.5	1523 Y	17.4		16.0		19	225		6	192	
68512 SPRINGBOK	2967S	01790E	1007		901.6	1509 Y	21.8		12.2		4	19		5	356	
68538 DE AAR	3065S	02400E	1287		870.7	1508 Y	22.0		14.0		10	61		5	272	
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1012.3	1013.9	24.1		25.2		17	292	190	6	187	99
68618 CALVINIA	3128S	01946E	975		901.7	1512 Y	22.7		12.3		8	47		5	326	
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1007.1	1012.1	22.3		17.4		1	2	-15	1	360	108
68828 GEORGE AIRPORT	3401S	02223E	190		991.1	1013.4	21.0		19.2		5	31				
68842 PORT ELIZABETH	3398S	02562E	69		1006.4	1013.6	21.8		20.5		8	42	8	4	245	88
68858 EAST LONDON	3302S	02750E	125		999.7	1014.4	22.6		21.9		10	77	14	4	199	83
68906 GOUGH ISLAND	4021S	00953W	54		1012.7	1019.2	14.3		13.2		8	114	-127	0	166	91
68994 MARION ISLAND	4653S	03752E	21		1003.9	1006.6	6.9		7.2		18	158	-45	1	168	106
<b>N AMERICA</b>																
<b>USA (ALASKA)</b>																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1019.7	-27.1	-3.1	.5		2	4	0	4		
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1012.9	-24.6	-6.3	.8		1	5	-8	1		
70200 NOME	6430N	16526W	7			1011.8	-23.3	-9.6	.7		0	1	-20	1		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			1008.1	-23.6	-10.5	.9		3	7	-18	1		
70231 MCGRATH	6258N	15537W	103			1008.3	-25.6	-4.5	1.3		7	30	-5	3		
70261 FAIRBANKS/INT.	6449N	14752W	138			1009.2	-24.6	-3.2	1.1		4	9	-12	2		
70273 ANCHORAGE/INT.	6110N	15001W	40			1000.5	-9.4	-.7	2.7		5	36	8	4		
70308 ST. PAUL	5709N	17013W	9			1008.7	-7.9	-6.2	2.9		6	20	-36	1		
70316 COLD BAY	5512N	16243W	31			1003.8	-5.7	-5.1	3.7		13	54	-39	2		
70326 KING SALMON	5841N	15639W	15			1002.3	-16.4	-7.5	2.0		8	41	7	4		
70361 YAKUTAT	5931N	13940W	9			1004.3	-.4	2.3	5.8		28	707	328	5		
70398 ANNETTE ISLAND	5502N	13134W	34			1013.5	3.6	1.5	7.5		25	252	-32	3		
<b>USA</b>																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1019.7	22.2	.3	21.0		3	18	-33	2		
72202 MIAMI, FL.	2549N	08017W	4			1019.9	21.1	.5	18.7		10	70	24	4		

# SURFACE

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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	
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1020.5	20.1	.4	18.2		8	37	-26	3		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1021.1	16.3	-.4	14.0		3	67	13	4		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1021.4	12.2	-.6	12.0		4	24	-45	2		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1021.7	10.3	-.6	10.1		6	49	-26	2		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1021.3	10.2	-.5	10.4		7	66	-14	3		
72211 TAMPA/INT., FL.	2758N	08232W	3			1021.0	17.2	.4	15.1		5	26	-28	2		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1021.5	11.0	-.8	10.8		6	66	-61	2		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1021.5	8.8	-.5	8.7		7	49	-60	1		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1021.3	8.8	-.4	8.4		6	30	-56	1		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1021.4	8.2	1.3	8.1		7	71	-39	2		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1021.6	10.9	-.8	10.5		8	110	-24	2		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1021.8	9.3	-.4	9.7		8	112	-20	3		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1021.5	12.9	.4	11.4		6	98	-48	2		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1021.5	8.6		8.9		9	92		2		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1021.2	9.1	.3	9.5		6	70	-80	1		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1021.8	11.7	-.2	11.8		7	115	-13	3		
72242 GALVESTON, TX.	2918N	09448W	16			1021.1	14.5	.9	13.0		6	145	57	5		
72243 HOUSTON/INTERCONTINENTAL, TX.	2958N	09521W	33			1021.0	12.0	.1	10.9		6	57	-30	2		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1020.6	9.8	.9	8.7		8	98	-6	3		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1020.1	16.7	.0	14.0		3	9	-22	2		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1020.4	15.0	.4	12.0		1	7	-25	1		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1020.1	12.3	1.1	7.6		5	13	-25	2		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1020.8	13.5	.4	10.5		5	27	-24	2		
72256 WACO/MADISON-COOPER, TX.	3137N	09713W	155			1020.6	10.7	1.6	8.9		5	69	22	4		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1020.0	10.8	2.5	8.0		5	66	20	4		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1020.7	9.5	1.7	5.4		1	2	-18	2		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1019.4	7.2	.2	4.1		0	0	-14	1		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1020.1	8.7	1.2	5.4		1	9	-17	2		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1019.6	4.9	.1	4.6		3	11	-2	3		
72270 EL PASO/INT., TX.	3148N	10624W	1194			1019.8	6.5	-.2	5.2		1	16	2	4		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1018.9	10.8	-.3	3.7		0	0	-27	1		
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337			1019.5	12.9	.6	4.2		0	0	-25	1		
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9			1020.8	14.3	.2	9.4		1	5	-34	1		
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1020.6	14.9	1.1	8.0		0	0	-42	1		
72304 CAPE HATTERAS, NC.	3516N	07533W	3			1020.8	10.0	.6	10.5		5	102	-13	3		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1021.1	6.5	.6	7.6		8	59	-23	2		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1020.0	7.6	1.0	8.0		6	44	-38	1		
72310 COLUMBIA, SC.	3357N	08107W	69			1021.1	8.0	-.3	8.7		8	39	-52	1		
72312 GREENVILLE/SPATANBURG, SC	3454N	08213W	296			1020.2	7.8	1.5	7.0		8	70	-35	2		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1020.7	6.5	.6	7.3		7	47	-41	2		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1020.3	5.4	1.2	6.0		6	53	-36	2		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1020.5	6.1	1.4	6.4		8	53	-32	2		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210			1021.6	7.2	2.1	7.5		5	48	-83	1		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1020.9	5.7	1.2	7.0		5	45	-70	1		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1020.9	6.5	1.8	8.3		7	64	-53	2		
72344 FORT SMITH/MUN., AR.	3520N	09422W	141			1020.1	7.1	2.5	7.1		6	129	52	5		
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1019.6	8.1	2.1	7.4		2	19	-13	3		
72365 ALBUQUERQUE/INT., NM.	3503N	10637W	1620			1021.5	2.2	.4	3.5		0	T	-12	1		
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664			1022.8	9.4	1.8	4.0		0	0	-9	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	
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100			1024.6	8.3	.9	8.0		0	9998	9962	6		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1020.6	5.7	1.2	7.0		6	58	-24	2		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20			1020.1	5.4	1.3	6.1		5	64	-15	3		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1019.6	3.9	1.3	6.0		5	77	-9	3		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1019.0	4.2	2.1	6.8		2	8	-76	0		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1019.3	4.3	2.2	6.0		5	76	-9	3		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1020.1	5.7	2.2	6.5		7	63	-12	3		
72412 BECKLEY (RALEIGH CTY.MUN),WV.	3747N	08107W	766			1021.0	2.3	1.2	5.0		7	46	-36	1		
72414 CHARLESTON/KANAWHA.,WV.	3822N	08136W	299			1020.5	3.5	.7	6.1		8	65	-21	2		
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267			1019.7	1.5	.7	5.8		10	92	12	4		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301			1020.8	2.8		6.0		7	69		2		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1020.3	3.8	1.1	6.9		11	120	28	4		
72425 HUNTINGTON, WV	3822N	08233W	255			1020.5	3.1	.4	5.4		8	65	-20	2		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1019.8	1.4	1.5	5.5		8	69	-3	3		
72429 DAYTON/. COX, OH	3952N	08407E	306			1019.8	.7	.9	5.2		7	64	-10	3		
72432 EVANSVILLE/REG., IN.	3803N	08732W	118			1020.6	2.9	1.1	6.4		10	131	38	4		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1019.8	3.4	2.3	6.7		7	48	-29	2		
72438 INDIANAPOLIS/I.-MUN/WEI.,IN.	3944N	08616W	246			1019.4	1.4	2.0	6.1		11	66	-18	3		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1019.7	1.1	2.4	5.9		6	57	-12	3		
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274			1019.3	2.4	2.5	6.0		4	87	25	4		
72476 GRAND JUNCTION/WALKER F.,CO.	3907N	10832W	1475			1025.4	-8	1.0	3.4		2	7	-8	2		
72483 SACRAMENTO/EXECUTIVECA.	3831N	12130W	8			1024.6	8.1	.7	7.8		1	2	-61	1		
72486 ELY/YELLAND, NV.	3917N	11451W	1909			1026.8	-2.7	.9	2.9		0	1	-16	1		
72488 RENO/INT., NV.	3930N	11947W	1341			1027.4	1.7	1.3	3.5		2	3	-22	1		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1024.6	10.7	1.0	9.9		2	12	-66	1		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1018.1	4.8	2.2	6.0		8	73	-13	3		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1017.2	2.7	2.3	4.7		6	61	-50	2		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1017.4	1.4	2.8	5.0		7	64	-35	2		
72509 BOSTON/LOGAN INT., MA	4222N	07102W	9			1016.5	2.9	2.0	4.9		5	39	-62	1		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1018.0	.5	1.6	4.7		6	33	-30	1		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1018.1	-1.4	1.7	4.8		5	42	-34	1		
72517 ALLENTOWN/A.-BETHLEHEM-,PA.	4039N	07526W	117			1019.2	1.6	1.7	5.5		5	59	-29	2		
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124			1017.8	-7	1.4	5.1		11	41	-40	0		
72520 PITTSBURGH/GREATER PITT.,PA.	4030N	08013W	373			1020.1	1.3	1.6	5.1		6	57	-17	2		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1019.1	.1	.8	5.7		9	50	-24	2		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1019.0	-1	1.3	5.1		10	64	-10	3		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1017.3	.0	1.6	5.0		13	55	-38	1		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1017.6	.1	1.7	5.3		7	53	-16	2		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1018.3	-1.2	1.8	5.0		7	65	3	4		
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202			1019.4	-2	2.6	5.4		6	65	3	4		
72533 FORT WAYNE/MUN.,BAER FL.,IN.	4100N	08512W	252			1019.3	-4	1.5	5.4		8	50	-23	2		
72535 SOUTH BEND/ST.JOSEPH CO.,IN.	4142N	08619W	236			1018.8	-1	1.6	5.3		8	68	-15	2		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1018.6	-6	1.7	5.0		7	44	-30	2		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1018.4	-1	2.0	4.9		7	46	-25	2		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1018.9	-1.9	1.8	5.5		7	54	-2	3		
72546 DES MOINES/MUN., IA.	4132N	09339W	294			1019.0	-1.2	3.0	4.9		2	10	-23	1		
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473			1018.8	-9	4.2	4.4		1	3	-15	0		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1019.8	-1.9	3.8	4.9		2	5	-14	1		
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849			1019.9	-7	3.6	3.9		1	1	-10	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	QUINILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
72564 CHEYENNE, WY.	4109N	10449W	1872			1019.4	.0		3.2		3	6		3		
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1020.9	-1.1	3.5	3.4		0	3	-13	0		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1026.4	-.5	.8	4.6		10	42	7	4		
72576 LANDER/HUNT, WY.	4249N	10844W	1694			1021.5	-1.4	4.8	3.1		2	5	-9	2		
72578 POCATELLO/NUM., ID.	4255N	11236W	1365			1028.2	-2.9	1.1	3.9		3	7	-21	1		
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			1028.3	-1.9	-.7	3.7		1	2	-20	1		
72594 EUREKA, CA.	4048N	12410W	18			1025.3	8.3	-.8	9.7		9	71	-82	2		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1027.6	3.7		7.3		4	23		1		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1016.7	-1.4		4.2		7	34		1		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1016.0	-.1	3.0	4.6		6	51	-64	1		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1017.1	-1.9	3.1	4.3		6	29	-32	1		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1017.7	-1.0	1.7	4.9		6	64	-8	3		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1017.6	.0	1.9	5.2		7	61	-16	2		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1017.9	-1.3	1.4	4.8		5	46	-7	3		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1017.9	-1.5	2.7	4.7		6	31	-28	2		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1017.9	-3.1	2.6	4.5		4	21	-25	2		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1017.9	-4.7	3.5	4.3		1	2	-24	0		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1017.4	-4.3	2.3	4.2		7	22	-16	2		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1018.2	-3.8	3.8	4.1		0	2	-15	1		
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393			1018.3	-2.8	4.9	4.4		0	1	-10	1		
72658 MINNEAPOLIS/ST. PAUL INTL, MN.	4453N	09313W	255			1017.6	-3.6	4.2	3.9		3	9	-18	1		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1018.7	.9	5.2	3.9		1	4	-7	2		
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209			1020.0	.0	5.2	3.9		6	24	7	4		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1019.5	2.0	5.6	3.5		3	5	-15	1		
72681 BOISE/MUN., ID.	4334N	11613W	874			1028.6	.0	1.1	5.1		7	25	-9	3		
72688 PENDLETON, OR.	4541N	11851W	456			1025.7	3.5	2.2	6.3		8	28	-13	3		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1025.3	6.7	2.1	8.2		15	93	-62	2		
72712 CARIBOU/MUN., ME.	4652N	06801W	190			1014.6	-5.6	4.0	3.8		9	71	-10	3		
72745 DULUTH/INT., MN.	4650N	09211W	432			1016.4	-6.8	3.9	3.5		0	T	-31	1		
72747 INT. FALLS/FALLS INT. MN.	4834N	09323W	361			1016.1	-8.0	5.8	3.5		2	3	-18	0		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1017.1	-5.1	6.2	3.8		1	3	-13	1		
72764 BISMARCK/MUN., ND.	4646N	10045W	506			1017.3	-3.6	6.4	4.2		2	6	-7	2		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1017.6	-3.3	7.1	4.2		2	6	-8	2		
72768 GLASGOW/INTL, MT.	4813N	10637W	700			1018.1	-1.6	7.7	4.3		2	6	-3	3		
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			1025.0	-2.0	4.0	3.9		0	3	-12	1		
72773 MISSOULA/JOHNSON-BELL F., MT.	4655N	11405W	972			1026.4	-1.2	3.6	4.9		6	13	-16	1		
72781 YAKIMA/YAKIMA AIR TERM., WA.	4634N	12032W	325			1025.8	1.9	3.1	6.0		3	7	-28	1		
72785 SPOKANE/INT., WA.	4738N	11732W	721			1024.7	.0	2.3	5.7		11	65	4	4		
72792 OLYMPIA, WA.	4658N	12254W	61			1023.6	4.9	1.5	8.5		17	258	52	4		
72793 SEATTLE/S.-TACOMA, WA.	4727N	12218W	137			1023.1	5.5	.8	8.2		16	140	-10	3		
72797 QUILLAYUTE, WA.	4757N	12433W	62			1021.7	5.9		9.2		20	554		5		
<b>CANADA</b>																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74		1005.8	1015.8	-24.4	.8	.8		7	18	1	3	5	
71066 HIGH LEVEL, ALTA	5837N	11710W	338		970.6	1013.9	-14.6	5.6	1.6		6	17	-5	6	35	0
71069 SLAVE LAKE, ALTA	5518N	11447W	581		942.9	1014.5	-6.2	7.2	3.1		7	16	-9	6		
71081 HALL BEACH, N.W.T.	6847N	08115W	8		1004.2	1003.3	-26.1	1.5	.7		7	26	18	6		
71090 CLYDE, N.W.T.	7029N	06831W	26		1003.1	1006.7	-27.0	-3.0	.5		7	34	23	5		
71094 CAPE DYER, N.W.T.	6635N	06137W	393		904.9	993.4	-16.9	3.8								

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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	
71095 POND INLET, N.W.T.	7242N	07758W	55		999.5	1007.1	-30.6		.4		6	14		6		
71101 SANDSPIT, B.C.	5315N	13149W	6		1012.9	1013.7	4.7	1.2	7.7		19	118	-55	1		
71109 PORT HARDY, B.C.	5041N	12722W	22		1016.4	1019.1	4.2	.9	6.9		20	201	-59	1		
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40		1006.9	1011.6	.4	2.1	4.9		16	139	-33	6		
71600 SABLE ISLAND, N.S.	4356N	06001W	4		1014.2	1014.9	4.4	2.1	7.4		7	56	-89	0		
71601 SHEARWATER, N.S.	4438N	06330W	51		1007.1	1013.4	.5	2.2	5.8		15	155	5	3	101	105
71603 YARMOUTH, N.S.	4350N	06605W	43		1008.8	1014.2	1.1	1.5	6.0		15	128	-15	6	79	0
71624 TORONTO PEARSON INT'L. AIRPO	4340N	07938W	173		995.7	1017.2	-.7	2.8	5.0		8	27	-38	1	100	0
71627 MONTREAL/DORVAL INT'L, QUE	4528N	07345W	36		1012.1	1016.7	-3.4	3.5	4.2		12	72	-13	2		
71727 BAGOTVILLE, QUE.	4820N	07100W	159		995.5	1015.6	-7.8	4.3	3.3		11	78	1	3		
71731 NORTH BAY, ONT.	4621N	07926W	371		969.5	1015.5	-6.2	3.4	3.7		12	103	28	5	71	95
71803 GANDER INT. AIRPORT, NFLD.	4857N	05434W	151		991.6	1010.4	-1.9	2.0	4.7		16	103	-10	2	74	95
71811 SEPT-ILES, QUE.	5013N	06616W	55		1006.4	1013.4	-8.5	2.5	2.9		12	104	-3	3	102	95
71815 STEPHENVILLE, NFLD.	4832N	05833W	26		1007.8	1011.0	-.5	2.2	5.1		18	144	21	4	37	125
71816 GOOSE, NFLD.	5319N	06025W	49		1004.4	1010.7	-11.6	1.8	2.3		7	44	-33	1	83	105
71828 SCHEFFERVILLE, QUE.	5448N	06648W	518		944.5	1010.3	-15.5	4.0	1.7		12	32	-21	6		
71831 KAPUSKASING, ONT.	4925N	08228W	227		985.4	1014.2	-9.5	5.4	2.9		11	43	-12	2		
71852 WINNIPEG INT. AIRPORTMAN.	4954N	09714W	239		986.5	1016.7	-8.7	5.9	3.2		11	26	8	5		
71863 REGINA, SASK.	5026N	10440W	577		945.9	1017.2	-6.2	7.4	3.7		2	6	-9	1		
71867 THE PAS, MAN.	5358N	10106W	271		980.0	1014.5	-12.2	5.8	2.4		8	32	13	5	73	95
71872 MEDICINE HAT, ALTA.	5001N	11043W	717		931.0	1017.2	-.9	7.7	4.2		2	9	-7	6	122	0
71874 LETHBRIDGE, ALTA.	4938N	11248W	929		907.1	1017.0	1.1	7.8	3.7		9	20	0	3		
71887 KAMLOOPS, B.C.	5042N	12027W	346		980.6	1023.4	.7	4.0	5.0		6	19	-13	6	30	0
71892 VANCOUVER INT. AIR- PORT, B.	4911N	12310W	2		1021.6	1022.1	4.9	1.4	8.0		17	209	31	4	33	60
71896 PRINCE GEORGE, B.C.	5353N	12241W	691		933.9	1018.1	-3.3	5.1	4.3		10	33	-20	2	31	60
71906 KUUUJUAQ, QUE.	5806N	06825W	37		1000.4	1005.2	-13.3	5.8	2.1		11	24	-16	2	15	25
71907 INUKJUAQ, QUE	5827N	07807W	6		999.3	1002.6	-10.2	7.9	3.0		17	48	23	5		
71909 IQALUIT, N.W.T.	6345N	06833W	34		998.1	1002.5	-14.9	7.2	1.8		7	30	11	4		
71910 CAPE DORSET, N.W.T.	6413N	07632W	50		995.2	1001.8	-15.5		1.8		15	60		6		
71924 RESOLUTE, N.W.T.	7443N	09459W	67		1002.7	1012.1	-30.0	-1.0	.3		0	2	-2	1		
71926 BAKER LAKE, N.W.T.	6418N	09605W	18		1007.5	1010.0	-24.2	4.1	.8		4	10	1	4	10	
71932 FORT MCMURRAY, ALTA.	5639N	11113W	369		967.9	1014.6	-11.6	5.7	2.4		7	20	-3	6		
71935 HAY RIVER, N.W.T.	6050N	11547W	166		991.7	1013.4	-16.4	4.5	1.5		5	11	-9	6		
71945 FORT NELSON, B.C.	5850N	12235W	382		965.9	1014.6	-16.7	3.6	1.7		5	21	3	4	32	60
71950 SMITHERS, B.C.	5449N	12711W	523		951.9	1015.5	-4.5	3.5	4.4		10	33	-15	6		
71957 INUVIK, N.W.T.	6818N	13329W	68		1007.1	1016.4	-26.5	-.4	.7		8	26	10	5		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		922.1	1008.3	-9.2	6.7	2.6		9	18	0	3	18	70
<b>ST. PIERRE AND MIQUELON</b>																
71805 SAINT-PIERRE	4646N	05610W	5		1008.8	1011.7	1.7		5.9		13	84		2	30	60
<b>MEXICO</b>																
76225 UNIV. DE CHIHUAHUA, CHIHUAHU	2838N	10605W	1435		861.1	1019.6	8.7		6.4		2	4		0	200	225
76256 EMPALME, SON	2755N	11054W	11		1015.7	1017.3	16.7		8.3		0	0		0	250	225
76373 TEPEHUANES, DGO	2521N	10547W	1967		821.9	1021.8	10.7		4.6		1	3		0	134	210
76382 TORREON, COAH.	2532N	10327W	1124		891.7	1017.0	13.7		7.7		2	4		4	236	260
76390 SALTILLO, COAH	2527N	10059W	1790		823.9	1017.3	10.2		6.0		0	0		0	250	35
76393 MONTERREY, N.L.	2552N	10012W	512		960.2	1019.7	15.0		11.6		5	30		1	154	225
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1012.0	1018.0	15.8		10.4		0	0		0	269	250

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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	
76405 LA PAZ, B.C.S.	2416N	11025W	18		1015.1	1017.1	19.3		13.7		0	0		1	178	185
76423 DURANGO, DGO	2402N	10440W	1872		818.0	1018.6	10.7		6.0		2	9		2	245	220
76458 COLONIA JUAN CARRAS-CO MAZAT	2312N	10625W	4		1013.6	1014.6	20.2	- .8	17.8	-1.9	0	0	-25	0	251	122
76556 TEPIC,NAY	2131N	10454W	922		911.3	1014.0	17.2		15.0		0	0		1	238	220
76577 GUANAJUATO,GTO.	2101N	10115W	1999		805.8	1017.1	13.6	-1.1	9.9	- .3	1	1	-13		274	126
76644 AEROP.INTERNACIONAL MERIDA,	2059N	08939W	9		1017.1	1018.1	22.4	- .8	21.5	- .4	9	89	55	5	219	109
76647 VALLADOLID, YUC.	2042N	08813W	22		1014.2	1017.2	23.1		21.6		4	110		5	205	190
76654 MANZANILLO,COL.	1903N	10420W	3		1013.5	1013.9	22.8		18.5		0	0		0	267	225
76665 MORELIA,MICH.	1942N	10111W	1913		812.6	1014.8	14.5	- .2	7.2	-3.8	1	3	-9	2	244	145
76675 TOLUCA, MEX	1918N	09940W	2720		739.0	1017.5	6.9		6.5		0	0			272	220
76685 PUEBLA, PUE.	1903N	09810W	2179		788.6	1014.0	12.2		8.0		0	0		0	300	230
76692 HACIENDA YLANG YLANG VER.	1909N	09607W	13		1019.7	1021.7	21.9	- .6	22.4	.3	3	17	-10	3	159	110
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1012.8	1014.3	24.5		24.6		9	136			160	155
76743 VILLAHERMOSA,TAB	1759N	09255W	10		1016.2	1018.2	23.0		25.7		10	88			155	215
76750 CHETUMAL,Q.ROO	1829N	08818W	9		1007.1	1008.1	24.1		23.9		20	3		3	214	205
76805 ACAPULCO,GRO.	1650N	09956W	13		1014.1	1014.1	25.2	-1.6	25.3	-3.1	0	0	-14	0	299	117
76848 COMITAN,CHIS.	1615N	09208W	1530		839.9	1004.5	14.9		12.9		6	16			233	195
76903 TAPACHULA, CHIS.	1455N	09216W	182		1001.2	1014.2	25.9		22.9		1	1		1	242	215
<b>BAHAMAS</b>																
78073 NASSAU AIRPORT	2503N	07728W	7		1019.0	1020.0	22.3	.4	20.1	- .5	4	23	-28	2	233	109
<b>JAMAICA</b>																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1016.1	1016.2	26.0		23.7		6	42			193	15
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1013.8	1015.4	26.6		25.4		2	6		1	248	20
<b>HAITI</b>																
78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	14		1013.5	1015.2	25.0	2.0	22.6		2	34	-23	3		
<b>DOMINICAN REPUBLIC</b>																
78458 PUERTO PLATA	1945N	07034W	5		1016.3	1016.9	23.6		24.8		21	152				
78486 SANTO DOMINGO	1826N	06953W	14		1013.1	1015.1	25.1	.2	23.9	.1	15	21	-63	0		
<b>PUERTO RICO AND US POSS</b>																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1016.0	25.0	- .6	24.1		20	195	76	5		
<b>BELIZE</b>																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1016.7	1017.2	23.6	- .6	24.4		7	44	-131	1	220	124
<b>NICARAGUA</b>																
78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1006.4	1012.7	25.6		21.7		0	0		0	233	100
<b>COSTA RICA</b>																
78760 PUNTARENAS	0958N	08450W	3		1010.7	1011.0	26.8	.3	28.0		3	29	-2	4	188	81
78762 JUAN SANTAMARIA	1000N	08413W	939		910.6	1012.2	21.3	- .5	19.2		5	46	13	4		
78767 PUERTO LIMON	1000N	08303W	3		1013.1	1013.6	24.0	- .3	27.4		24	821	420	5	52	34
<b>ST.MAARTEN, ST.EUST., SABA</b>																
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1015.7	1016.2	26.5	.7	28.5	3.0	14	149	63	5	216	89

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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>ST. MARTIN, ST. BARTH., GUAD.</b>																
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1013.2		25.7	.5	25.2		12	76	-61	2	195	95
<b>MARTINIQUE</b>																
78925 LE LAMENTIN	1436N	06100W	7		1012.7	1013.6	26.0	.6	25.2	-1.1	15	129	-29	3		
<b>BARBADOS</b>																
78954 GRANTLEY ADAMS	1304N	05929W	56		1006.7	1013.2	26.3		28.7		17	154		5	222	60
<b>TRINIDAD AND TOBAGO</b>																
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1009.5	1012.0	26.6	1.4	28.3	1.7	11	171	16	4	227	106
<b>COLOMBIA</b>																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1013.9	1014.0	26.3	-.7	28.1	-1.0	15	140	-33	2	235	113
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				26.3	-.7	26.7	-2.4	16	209	36	4	155	75
<b>S AMERICA</b>																
<b>COLOMBIA</b>																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1009.5	1010.0	25.7	-1.6	27.8	1.2	9	105	95	6	227	80
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1010.1	1010.3	28.7	1.7	28.8	.0	6	149	112	5	205	82
80028 BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30		1009.1	1010.8	26.8	-.2	29.9	1.6	4	61	37	5	222	87
80084 APARTADO/LOS CEDROS	0748N	07642W	20				26.4	-.6	28.9	.6	16	207	183	6	137	54
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				26.9	-1.0	28.7	.5	13	196	98	5		
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189				20.2		21.5		9	59	1	4	149	80
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		976.4	1011.3	24.8	-1.4	25.9	.7	10	144	75	5	148	80
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		988.6	1003.0	26.8	-.1	27.8	.9	4	38	11	4	261	113
80112 RIONEGRO/J.M. CORDOVA	0608N	07526W	2142		790.3		16.0		15.5		15	253	6	146		
80139 PUERTO CARRENO/A. GUAUQUEA	0610N	06730W	55				29.4	1.1	26.6	1.7	15	253	221	6	146	60
80144 QUIBDO/EL CARANO	0543N	07637W	53				25.5	-.4	28.1	-1.4	24	660	12	4	86	95
80210 PEREIRA/MATECANA	0449N	07544W	1342		865.7		20.8	-.6	19.5	.3	20	282	120	5	140	79
80214 IBAGUE/PERALES	0426N	07509W	928				22.7	-.4	24.3	2.0	10	71	-43	2	164	101
80222 BOGOTA/ELDORADO	0442N	07408W	2546		751.9		13.1	.2	12.2	.2	12	48	-6	4	172	104
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		958.5	1008.0	25.5	.1	25.9	1.6	15	203	58	4	161	101
80241 LAS GAVIOTAS	0433N	07055W	167		987.5	1006.7	26.3	.1	26.4	.7	11	211	139	5	214	95
80259 CALI/ALFONSO BONILLAARAGON	0333N	07623W	969		904.8		22.5		21.1		7	109	44	5	142	85
80315 NEIVA/BENITO SALAS	0258N	07518W	443		958.1	1006.6	26.6	-.4	26.1	1.2	10	236	94	5	213	113
80370 IPIALES/SAN LUIS	0049N	07738W	2961				11.3	.2	11.6	.6	19	275	181	6	102	78
80398 LETICIA/VASQUEZ COBO	0433S	06932W	84		999.0	1008.5	25.8	-.1	29.3	.0	14	251	-56	3	150	109
<b>VENEZUELA</b>																
80403 CORO	1125N	06941W	17		1011.6	1013.5	25.3	-1.4	28.1		20	277	223	6	133	50
80407 MARACAIBO-LA CHINITA	1034N	07144W	65		1003.3	1010.3	26.0	-.8	27.2		5	124	107	5	192	81
80410 BARQUISIMETO	1004N	06919W	614		943.0	1010.8	23.2	.1	22.2		9	58	33	5	184	74
80413 MARACAY - B.A. SUCRE	1015N	06739W	437		960.8	1009.5	23.4	-.5	22.7		4	13	-2	4	215	80
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1006.6	1012.1	25.2	-.2	26.3		14	0120	0066	5	52	25
80416 CARACAS/LA CARLOTA	1030N	06653W	835		921.5	1587 Y	19.5	-1.2	17.2		15	199	157		137	64

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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.
							°C	°C	mb	mb	mm	mm	hr			
80419 BARCELONA	1007N	06441W	7		1008.9	1009.7	26.3	.3	25.7		5	27	3	4	246	91
80420 CUMANA	1027N	06411W	4		1009.5	1010.1	26.0		26.5		8	78			223	85
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19		1009.8	1012.0	26.2		25.8		19	301			218	80
80423 GUIRIA	1035N	06219W	14		1006.4	1008.1	26.5	.5	28.1		6	78	6	4	236	111
80425 MENE GRANDE	0949N	07056W	28		1007.9	1011.0	26.0	-.6	28.8		17	142	56	5	149	66
80426 VALERA	0921N	07037W	582		946.7	1011.0	23.4		25.7		11	84			122	5
80427 ACARIGUA	0933N	06914W	225		985.8	1011.0	26.4	.8	22.6			42	5	0	229	97
80428 GUANARE	0901N	06944W	163		990.4	1008.8	25.9	.6	24.5		6	25	-8		234	101
80431 SAN JUAN DE LOS MORROS	0955N	06720W	429		960.0	1007.3	23.1		22.1		12	141			204	80
80434 VALLE DE LA PASCUA	0913N	06601W	125		990.2	1005.1	25.3		24.0		7	32			232	
80435 MATURIN	0945N	06311W	66		1006.2	1013.8	26.2	.8	25.4		19	81	-30	2	216	94
80438 MERIDA	0836N	07111W	1498		851.7	1514 Y	18.5	.4	17.5		12	122	43	5	210	89
80440 BARINAS	0837N	07013W	204		988.4	1009.5	28.9		27.1		4	26			78	
80442 CALABOZO	0856N	06725W	101		999.1	1010.6	27.3		25.9		3	12			252	
80444 CIUDAD BOLIVAR	0809N	06333W	48		1004.3	1009.5	26.4	-.5	28.4		11	94	53	5	228	93
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378		967.7	1009.9	24.2	-.4	24.9		15	138	67	5	139	72
80448 GUASDUALITO	0714N	07048W	131		997.1	1012.0	25.7	.3	23.0		4	20	-22		250	97
80450 SAN FERNANDO DE APURE	0754N	06725W	48		1003.8	1009.3	27.1	.6	29.0		2	3	-7	3	284	99
80453 TUMEREMO	0718N	06127W	181		989.7	1010.1	25.6	1.2	28.5		21	124	23	4	164	95
80457 PUERTO AYACUCHO	0536N	06730W	74		1001.8	1010.3					6	22	-20	2	245	94
80462 SANTA ELENA DE UAIREN	0436N	06107W	907		912.6	1495 Y	23.4	2.4	20.4		8	80	-5	3	230	108
80472 VALENCIA	1010N	06756W	431		962.0	1009.9	24.3		22.2		0	3			221	
80475 STO. DOMINGO (B.A.)	0735N	07204W	327		975.3	1012.7	23.9		20.1			174		1	184	110
80478 TEMBLADOR	0901N	06237W	30		1006.7	1010.3	25.2		29.5		15	156			185	95
80479 PALMICHAL	1018N	06814W	1000		900.7		19.8		21.1		23	255			92	
<b>GUYANA</b>																
81001 GEORGETOWN	0648N	05809W	2		1010.7	1011.1			29.3	.4	22	368	107	4	206	111
81002 TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1007.5	1011.0	26.4	1.3	28.9	1.3	22	286	53	4	176	
<b>FRENCH GUIANA</b>																
81401 SAINT-LAURENT-DU-MARONI	0530N	05402W	9		1010.0	1011.1	26.4		29.7		20	273	33	4	165	98
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9		1009.7	1010.5	26.3		28.2		18	287	-72	2	172	104
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1009.5	1010.3	25.6		27.9		21	275	-67	2		
81415 MARIPASOULA	0338N	05402W	106		998.6	1000.6	26.4		2.7		18	115	-86	1	191	104
<b>BRAZIL</b>																
82024 BOA VISTA	0249N	06039W	90				28.4		28.4		3	92		4		
82098 MACAPA	0002N	05103W	15		1007.3	1009.0	28.2	1.2	28.9		9	186	44			
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90		996.7	1006.4	26.2		30.6		15	171		0		
82191 BELEM	0127S	04828W	10		1008.5	1009.2	27.0	.9	30.8		17	363	147	6		
82212 FONTE BOA	0232S	06610W	56		1003.4	1010.0	26.2		32.1		16	354		5		
82246 BELTERRA	0238S	05457W	176		992.3	1012.1	26.3	1.0	29.9		5	94	-86			
82280 SAO LUIZ	0232S	04418W	51		1003.4	1009.4	27.4	.6	28.8		5	131	40	5		
82287 PARNAIBA	0305S	04147W	22		1004.3	1006.8	27.8	.2	28.2		4	19	-26			
82331 MANAUS	0308S	06001W	72		1002.2	1010.2	26.7	.0	29.6		14	198	-18	3		
82425 COARI	0405S	06308W	46		1004.7	1010.2	26.9		31.0		15	176		2		
82445 ITAITUBA	0416S	05559W	45		1006.5	1011.7	27.2	.4	32.9		8	240	41			
82562 MARABA	0521S	04909W	95		1000.9	1012.0	26.3	.4	29.3		21	367	117			



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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.
82571 BARRA DO CORDA	0530S	04516W	153		991.1	1010.8	25.7	- .2	28.2		13	427	292	5		
82586 QUIXERAMOBIM	0512S	03918W	212		985.6	1009.2	27.9	1.0	25.5		10	34	10	5		
82678 FLORIANO	0646S	04301W	123		994.8	1010.5	26.6	.3	26.6		11	119	-31			
82704 CRUZEIRO DO SUL	0738S	07240W	170		985.0	1004.3	25.9		29.0		18	257		3		
82765 CAROLINA	0720S	04728W	192		987.9	1011.8	25.8	.4	27.1		16	311	77	5		
82784 BARBALHA	0719S	03918W	409		964.1	1010.3	27.1	.8	20.8		7	79	-13			
82825 PORTO VELHO	0846S	06305W	95		997.3	1004.8	26.1	.6	26.1		18	151	-181	0		
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160		990.4	1008.3	26.3	1.0	32.1		21	422	152	5		
82900 RECIFE (CURADO)	0803S	03455W	7		1011.0	1011.9	27.2	.9	27.1		14	105	40	5		
82915 RIO BRANCO	0958S	06748W	136		989.1	1004.1	25.6	.0	30.3		21	280	17			
82983 PETROLINA	0923S	04029W	370		968.9	1009.0	26.9	- .2	23.1		9	112	29			
83064 PORTO NACIONAL	1031S	04843W	250		983.5	1010.4	22.5		27.5		22	418	188	5		
83096 ARACAJU	1055S	03703W	6		1009.7	1010.4	30.4	4.0	28.3		5	24	-33	3		
83229 SALVADOR	1301S	03831W	51		1006.2	1012.1	28.1	2.1	30.7		7	64	-68	2		
83235 TAGUATINGA	1216S	04626W	660		943.1	1009.5	24.6	.6	25.2		21	404	117	4		
83236 BARREIRAS	1209S	04500W	440		960.1	1008.8	27.3	2.6	25.7		14	167	-37			
83242 LENCOIS	1234S	04123W	438		963.0	964.6	26.4	2.0	26.7		18	247	75	5		
83264 VERA (GLEBA CELESTE)	1212S	05630W	415		967.4	1008.6	25.3	.5	29.8		25	481	122			
83288 BOM JESUS DA LAPA	1316S	04325W	440		960.3	1011.2	27.0	2.8	25.4		12	144	-47			
83332 POSSE	1406S	04622W	950		919.6	1009.5	23.4	.0	23.1		21	357	77			
83344 VITORIA DA CONQUISTA	1457S	04053W	893		912.2	1011.0	23.4	1.8	20.9		6	150	23	4		
83361 CUIABA	1533S	05607W	179		990.8	1013.3	27.5	.9	32.6		11	127	-66	1		
83377 BRASILIA	1547S	04756W	1158		884.9	1009.9	21.1	- .4	19.9		16	207	-41			
83423 GOIANIA	1641S	04917W	729		924.8	1005.8	24.6	1.1	22.9		15	296	38	4		
83437 MONTES CLAROS	1643S	04352W	646		939.0	1010.3	23.4	.1	22.0		13	172	-65	3		
83492 TEOFILLO OTONI	1751S	04130W	356		973.8	1011.9	25.1	2.7	24.6		14	205	20	4		
83498 CARAVELAS	1744S	03915W	3		1011.6	1012.1	25.8	.2	23.9		12	82	-56	1		
83579 ARAXA	1934S	04656W	1004		898.6	1010.7	21.8	.7	23.3		17	218	-74	1		
83587 BELO HORIZONTE	1950S	04356W	850		911.8	1012.6	23.3	1.1	19.7		18	294	-25	2		
83592 CARATINGA	1948S	04209W	609		943.6	1011.1	23.0	1.1	22.9		21	217	7	3		
83611 CAMPO GRANDE	2028S	05440W	560		949.9	1008.1	25.6	1.3	23.9		12	131	-98	2		
83618 TRES LAGOAS	2047S	05138W	313		972.9	1009.3	27.4	1.5	23.5		12	154	-46	2		
83648 VITORIA	2019S	04020W	36		1008.7	1012.8	25.7	.3	26.6		12	255	60	4		
83676 CATANDUVA	2108S	04858W	536		948.0	1008.9	25.7	2.9	23.3		20	261	40	4		
83698 CAMPOS	2145S	04120W	11		1010.6	1012.0	25.6		26.9		11	118		2		
83766 LONDRINA	2323S	05111W	566		946.2	1009.7	25.0	1.5	22.7		8	84	-148			
83781 SAO PAULO	2330S	04637W	792		922.8	1011.8	22.3	1.2	19.3		9	200	0	5		
83836 IRATI	2528S	05038W	837		913.6	1009.6	16.3		18.4		11	138				
83842 CURITIBA	2526S	04916W	923		910.6	1012.6	20.0	.7	19.8		16	126	-24	2		
83881 IRAI	2711S	05314W	247		980.2	1009.4	23.1	- .6	21.2		11	199	56	5		
83897 FLORIANOPOLIS	2735S	04834W	2		1011.2	1011.4	23.6	1.1	23.2		11	94	-52	3		
83967 PORTO ALEGRE	3001S	05113W	47		1006.4	1012.1	23.1	- .1	21.4		11	65	-36	2		
83980 BAGE	3120S	05406W	217		983.5	1011.1	22.2	- .5	14.4		5	48	-57	2		
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1008.3	1012.6	21.0	.5	18.8		6	32	-51	1		
<b>BOLIVIA</b>																
85033 GUAYARAMERIN	1049S	06521W	130		993.1	1009.4	26.7		21.1		17	197		2		
85041 COBIJA	1102S	06847W	235		982.5	1011.1	24.9		19.6		20	302		4		
85043 RIBERALTA	1100S	06607W	141		993.3	1009.3	27.0		21.4		14	191		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.
							°C	°C	mb	mb	mm	mm	hr			
85104 SAN JOAQUIN	1304S	06449W	140		992.1	1008.3	27.0		21.3		13	315		4		
85109 SAN RAMON	1318S	06442W	140		992.4	1008.5	26.9		21.4		12	204				
85114 MAGDALENA	1320S	06407W	141		992.6	1009.0	26.9		21.4		15	256		4		
85123 SANTA ANA	1346S	06526W	144		991.3	1007.5	27.6		21.7		15	145		2		
85141 RURRENABAQUE	1428S	06734W	204		988.7	1011.6	26.4		20.7		12	259		3		
85151 APOLO	1444S	06830W	1415		857.3		22.6		14.4		8	168		4		
85152 SAN BORJA	1452S	06652W	194		986.9	1009.1	26.6		20.0		12	265		3		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		993.2	1011.5	26.9		22.2		15	336		3		
85154 TRINIDAD	1449S	06455W	155		990.4	1008.0	26.4		20.7		14	431		6		
85175 ASCENSION DE GUARAYOS	1543S	06306W	247		980.6	1008.2	26.2		19.8		11	158		2		
85195 SAN JAVIER	1616S	06228W	534		950.6	1011.1	24.3		18.4		13	160		3		
85196 CONCEPCION	1609S	06201W	497		952.5	1009.0	25.8		19.7		14	219		4		
85201 LA PAZ/ALTO	1631S	06811W	4038		628.7		9.3		5.0		15	85		2		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		962.6	1009.1	26.6		19.0		12	108		2		
85210 SAN MATIAS	1620S	05823W	124		995.9	1009.2	28.1		22.3		9	192				
85223 COCHABAMBA	1725S	06611W	2548				20.4		8.7		8	51		1		
85230 CHARANA	1735S	06936W	4054		628.5		9.6		3.9		4	23		2		
85242 ORURO	1758S	06704W	3072		652.8		12.4		5.3		6	42		3		
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		959.9	1007.1	26.0		18.0		11	154		3		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		977.4	1009.4	27.0		17.6		11	171		5		
85264 VALLEGRANDE	1828S	06406W	1998				18.5		11.9		9	70				
85268 ROBORE	1819S	05946W	276		978.4	1008.3	26.9		19.4		11	125		2		
85283 SUCRE	1901S	06518W	2904				16.2		8.3		8	58		1		
85289 PUERTO SUAREZ	1859S	05749W	134		992.0	1007.7	27.9		21.2		10	195		4		
85293 POTOSI	1933S	06544W	3935		634.8		10.0		5.4		6	37				
85315 CAMIRI	2000S	06332W	798		920.8	1008.8	24.2		14.4		10	130		3		
85345 VILLAMONTES	2115S	06327W	398		962.4	1009.0	27.4		16.2		9	67				
85364 TARIJA	2133S	06442W	1854		812.0	843.6	20.2		10.5		10	76		1		
85365 YACUIBA	2157S	06339W	645		938.5	1010.2	25.1		14.6		6	58		0		
<b>CHILE</b>																
85406 ARICA	1821S	07020W	55		1008.9	1015.7	20.8	.2	17.5	.3	0	0	0	5	252	105
85418 IQUIQUE	2032S	07011W	48		1009.3	1014.9	20.1	.1	15.3	-1.3	0	0	0	5	308	110
85442 ANTOFAGASTA	2326S	07027W	140		998.7	1015.4	18.5	-2	15.3	-7	0	0	0	5	334	105
85469 ISLA DE PASCUA	2710S	10926W	69		1012.0	1020.0	22.2		19.5		11	141	141	5	235	100
85470 COPIAPO	2718S	07025W	290		979.4	1013.0	18.0	-3	14.0	-7	0	0	0	5	311	105
85488 LA SERENA	2955S	07112W	146		999.2	1016.0	15.9	-2	14.3	-3	0	T	T	4	298	125
85574 PUDAHUEL	3323S	07047W	474		959.8	1014.0	18.9	3.8	11.5	-2.6	0	T	-1	5	351	100
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		954.7	1013.5	19.8	4.7	12.5	-1.6	1	1	0	4	312	95
85585 ISLA JUAN FERNANDEZ	3337S	07849W	30		1016.9	1020.5	16.8	1.7	14.2	.1	3	13	12	2	191	
85629 CURICO	3458S	07113W	220		988.6	1014.6	20.1	1.4	12.9	-1.3	0	T	-11	3	378	125
85672 CHILLAN	3635S	07202W	148		998.4	1012.9	18.2	.5	13.7	.1	0	0	-28	2	370	110
85682 CONCEPCION	3646S	07304W	13		1016.2	1017.7	15.7	.2	12.7	-3	2	12	-16	3	366	110
85743 TEMUCO	3846S	07238W	93		1007.3	1020.9	15.0	.3	12.2	-3	3	10	-42	2		
85766 VALDIVIA	3938S	07305W	19		1015.9	1018.2	14.9	.0	12.7	.2	5	29	-34	2	280	100
85782 OSORNO	4036S	07303W	58		1011.1	1018.9	14.1	-2	12.3	.3	5	41	-19	3		
85799 PUERTO MONTE	4126S	07306W	90		1008.2	1019.2	12.8	-6	11.1	-1.0	8	79	-24	2	227	120
85864 COYHAIQUE	4536S	07206W	311		976.4	1012.9	12.5	-1	8.6	-9	6	42	-33	3	255	
85874 BALMACEDA	4555S	07142W	522				10.8	-1	8.6	.5	3	20	-11	3	301	

# SURFACE

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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	
85934 PUNTA ARENAS	5300S	07051W	43		995.9	1001.0	9.6	-.1	7.7	-.5	7	18	-10	2	256	115
<b>URUGUAY</b>																
86330 ARTIGAS	3023S	05630W	120			1009.6	25.5	1.5	16.5	-3.1	4	37	-83	2	204	71
86350 RIVERA	3053S	05532W	241			1010.6	23.9		16.2		6	44		1	270	95
86360 SALTO	3123S	05757W	33		1003.5	1010.4	24.7	1.2	17.6	-.9	6	59	-61	2	267	93
86430 PAYSANDU	3220S	05802W	61		1004.7	1011.8	24.4		15.0		5	29		1	284	95
86440 MELO	3222S	05413W	100		998.8	1010.7	22.3	.6	17.0	-.4	8	24	-59	1	282	98
86460 PASO DE LOS TOROS	3248S	05631W	75		1002.3	1011.1	23.4	.4	15.3	-3.0	7	46	-51	2	289	101
86490 MERCEDES	3315S	05804W	17		1008.9	1011.0	23.9	1.1	17.1	.5	7	56	-48	2	258	92
86500 TREINTA Y TRES	3313S	05423W	46		1006.2	1011.7	21.7	.2	17.0	-.1	7	28	-67	1	271	100
86560 COLONIA	3427S	05750W	23		1008.5	1011.3	22.5	.2	17.2	-1.3	5	111	24	4	277	103
86565 ROCHA	3429S	05418W	18		1010.1	1012.3	20.6	.4	18.0	-.5	7	88	26	4	233	87
86580 CARRASCO	3450S	05600W	32		1007.6	1011.6	20.5	-.6	17.0	-.1	8	61	-17	3	301	103
<b>ARGENTINA</b>																
87016 ORAN AERO	2309S	06419W	357		967.1	1006.9	27.0	1.1	20.6	-3.9	6	31	-123	0	165	92
87022 TARTAGAL AERO	2239S	06349W	450		956.2	1007.5	26.1		20.0		6	34			181	
87046 JUJUY AERO	2423S	06505W	905		909.3	1490 Y	24.1		16.6		8	70		2	198	90
87047 SALTA AERO	2451S	06529W	1221		877.7	1498 Y	21.1	-.1	16.2	-1.7	11	130	-8	1	195	119
87078 LAS LOMITAS	2442S	06035W	130		994.2	1008.9	26.0	-1.4	21.6	-.4	10	184	59	1	239	91
87097 IGUAZU AERO	2544S	05428W	270		978.9	1009.1	25.6		22.6		1	243		5	169	95
87121 TUCUMAN AERO	2651S	06506W	450		959.0	1009.2	24.6		24.6		9	154			232	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		985.1	1008.1	25.8	-.7	18.9	-1.7	11	62	-34	1	205	
87155 RESISTENCIA AERO.	2727S	05903W	52		1003.8	1009.7	26.2		20.1		8	72		2	231	110
87162 FORMOSA AERO	2612S	05814W	60		1001.9	1008.6	26.9	.4	22.3	-1.3	9	196	50	1	275	98
87163 B.DE IRIGOYEN AERO	2615S	05309W	815		919.6	1496 Y	22.1		16.9		13	158			245	
87166 CORRIENTES AERO.	2727S	05846W	62		1002.5	1009.5	26.1	.2	20.4	-1.7	7	117	-4	1	277	95
87178 POSADAS AERO.	2722S	05558W	125		994.9	1008.9	26.5	.8	20.9	-1.1	7	215	65	1	205	92
87222 CATAMARCA AERO.	2836S	06546W	454		955.9	1006.1	26.0		17.1		7	61		3	258	105
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		960.7	1010.5			18.7	-1.0	5	133	7	1		
87257 CERES AERO	2953S	06157W	88		1000.3	1010.0	24.0	-.6	20.8	.4	3	52	-75	1	296	109
87270 RECONQUISTA AERO	2911S	05942W	53		1003.9	1009.9	25.1	.2	20.3	-2.0	9	96	-40	1	267	97
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1002.3	1010.3	25.5	.6	17.9	-2.0	7	67	-50	1	261	125
87311 SAN JUAN AERO	3134S	06852W	598		942.7	1001.4	24.7		13.0		6	30		5	319	95
87320 CHAMICAL AERO	3022S	06617W	461		957.5	1008.9	24.4	-1.5	6.7	-10.1	4	166	88	1	295	
87328 VILLA DOLORES AERO	3157S	06508W	569		977.7	1009.7	22.7	-1.7	18.0	2.0	11	157	39	1	277	100
87344 CORDOBA AERO	3119S	06413W	474		958.0	1011.4	21.7	-1.0	16.6	-1.2	9	243	95	1	269	119
87349 PILAR OBSERVATORIO	3140S	06353W	338		1027.9	1011.5	21.7	-.9	17.3	-.2	9	259	116	1	262	97
87374 PARANA AERO	3147S	06029W	78		1002.2	1011.2	23.6	.1	16.1	-2.5	7	145	33	1	227	83
87393 MONTE CASEROS AERO	3016S	05739W	54		1004.3	1010.5	25.4	.7	18.6	-1.2	8	85	-44	1	272	94
87395 CONCORDIA AERO	3118S	05801W	38		1006.2	1010.6	24.6	.5	16.4	-2.5	5	74	-41	1	181	
87418 MENDOZA AERO	3250S	06847W	704		932.6	1010.3	23.0	-1.4	16.3	2.5	6	39	15	1	287	101
87436 SAN LUIS AERO	3316S	06621W	713		930.9	1011.2	21.8	-1.8	14.9	.8	13	152	51	1	301	95
87448 VILLA REYNOLDS AERO	3344S	06523W	486		956.3	1011.5	20.4	-2.0	16.8	.7	8	160	48	1	255	91
87453 RIO CUARTO AERO	3307S	06414W	420		963.2	1010.8	21.0	-1.1	15.5	-.6	10	233	90	1	241	
87480 ROSARIO AERO	3255S	06047W	25		1008.9	1011.8	23.5	.5	16.2	-2.5	6	83	-37	1	286	
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1008.1	1010.6	23.9	.7	17.6	-.1	4	104	6	1	239	95
87506 MALARGUE AERO	3530S	06935W	1425		857.7	1501 Y	15.7	-2.7	9.8	.4	7	25	-1	1	317	

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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			
87509 SAN RAFAEL AERO	3435S	06824W	748		928.0	1011.1	20.0	-2.3	13.9	.7	4	25	-19	1	278	
87532 GENERAL PICO AERO	3542S	06345W	145		1014.1	1009.2			17.7	2.1	8	151	50	1	151	
87534 LABOULAYE	3408S	06322W	137		996.1	1012.0	21.0	-1.7	17.5	.8	9	88	-20	1	260	93
87544 PEHUAJO AERO	3552S	06154W	87		1001.8	1011.9	22.7	1.1	18.0	.9	12	101	1	1	264	
87548 JUNIN AERO	3433S	06057W	81		1001.8	1011.1	22.2	.4	16.5	-3.3	7	53	-47	1	239	87
87563 LAS FLORES AERO	3604S	05906W	38		1007.5	1012.0	24.4		17.4		5	28		0	271	
87576 EZEIZA AERO	3449S	05832W	20		1009.4	1011.7	23.1	1.2	13.4	-3.6	8	48	-45	1	202	102
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1011.7	1012.5	23.1	.3	17.0	-1.8	7	56	-40	1	279	116
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1009.5	1012.2	23.7	.7	16.0	-1.6	8	54	-51	1	263	99
87593 LA PLATA AERO	3458S	05754W	19		1009.6	1012.2	22.1	1.0	18.4	.7	8	58	-26	1	302	127
87623 SANTA ROSA AERO	3634S	06416W	191		989.9	1011.3	21.4	-1.0	15.6	.3	8	132	39	1	295	97
87640 BOLIVAR AERO	3612S	06104W	934		1001.7	1012.6	20.9		16.0		9	86			263	
87645 TANDIL AERO	3714S	05915W	175		991.6	1011.7	19.8		17.0		5	74		3	216	90
87648 DOLORES AERO	3621S	05744W	9		1011.0	1012.0	21.2	1.0	16.3	-1.1	6	24		0	131	53
87679 FIGUE AERO	3736S	06223W	304		976.5	1011.4	22.0	2.3	14.4	.6	7	92	2	1		
87688 TRES ARROYOS	3820S	06015W	115		998.2	1011.6	20.3		13.9		9	107		4	277	95
87715 NEUQUEN AERO	3857S	06808W	271		980.6	1011.0	22.5	.3	9.2	.0	0	0	-13	1	305	109
87750 BAHIA BLANCA AERO	3844S	06210W	83		1001.9	1011.4	22.8	1.4	14.1	1.2	6	58	-12	1	129	
87765 BARILOCHE AERO	4109S	07110W	840		919.5	1497 Y	13.9	1.0	7.5	-1.3	4	22	-10	1	341	102
87774 MAQUINCHAO	4115S	06844W	888		912.4	1489 Y	19.2	2.9	9.4	2.3	0	T	-14	1		
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1009.1	1010.7	21.8	.7	11.0	-1.1	1	30	11	1	275	96
87791 VIEDMA AERO	4051S	06301W	7		1010.0	1010.8	20.9		11.4		4	24		4	339	115
87800 EL BOLSON AERO	4158S	07131W	337		975.5	1014.8	17.8		9.7		4	27			295	
87803 ESQUEL AERO	4256S	07109W	785		921.6	1010.6	13.7	.5	6.9	-4.4	1	1	-24	1	340	70
87823 P.MADRYN AERO	4244S	06504W	136		994.2	1009.1	21.1		12.0		2	16			269	
87828 TRELEW AERO	4312S	06516W	43		1005.0	1010.0	20.4	.9	10.5	2.3	2	22	8	1	348	118
87852 PERITO MORENO AERO	4631S	07101W	429		1003.4		15.7		8.4		3	2			273	55
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46		1002.7	1008.1	18.7	.8	7.8	.0	1	16	1	1	281	120
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		962.2	1003.9	15.4		6.5		2	3			206	
87896 PUERTO DESEADO AERO	4744S	06555W	80			1005.6	14.6	.2	7.3	-1.8	1	58	44	1	205	
87909 SAN JULIAN AERO	4919S	06745W	62		997.8	1005.1	15.1		7.9		4	22		4	230	
87925 RIO GALLEGOS AERO	5137S	06917W	19		999.8	1002.1	12.6	-1.1	6.3	-1.4	2	4	-20	1	228	
87938 USHUAIA AERO	5448S	06819W	14		988.3	995.2	8.5	-6	7.5	-1.0	12	44	2	1	196	
<b>ANTARCTICA</b>																
<b>ARGENTINA (ANTARCTIC)</b>																
88963 BASE ESPERANZA	6324S	05659W	13		1010.3	1013.1	2.0	1.6	5.1		6	23	-36	1	207	
88968 BASE ORCADAS	6045S	04443W	4		985.2	986.8	.6	.5	5.5		15	131	85	1	72	
89053 BASE JUBANY	6214S	05838W	4		981.6	982.9	1.8		6.1		6	21			100	
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	198		955.6	971.2	.5		5.2		3	8			127	
89066 BASE SAN MARTIN	6808S	06708W	4		978.1	978.9	.6		4.8		4	7			152	
<b>UNITED KINGDOM (ANTARCTIC)</b>																
89022 HALLEY	7530S	02639W	30		976.5	981.0	-7.2		3.2						288	100
<b>USSR (ANTARCTIC)</b>																
89050 BELLINGSHAUSEN	6212S	05856W	16		980.4	982.3	.1		6.0		8	29			97	

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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	
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		965.5	980.2	-3.5		2.6		1	17		1		
<b>ARGENTINA (ANTARCTIC)</b>																
89034 BASE BELGRANO II	7752S	03437W	256		949.3	980.7	-5.1		2.5		4	16			302	
<b>URUGUAY (ANTARCTIC)</b>																
89054 DINAMET-URUGUAY	6211S	05851W	17		980.6	982.4	10.5		6.0		21				77	
<b>CHILE (ANTARCTIC)</b>																
89056 CENTRO MET. ANTARTICO ' PDTE. ED	6211S	05859W	48		978.4	983.6	.6		5.7	.3	9	28		3	106	115
89057 BASE ARTURO PRAT	6230S	05941W	5		982.1	982.7	1.5	.9	6.3	.9	16	74	13	4	132	
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		980.4	981.6	.8	.7								
<b>JAPAN (ANTARCTIC)</b>																
89532 SYOWA	6900S	03935E	21		978.4	981.0	-3.5	-2.0	3.1	- .5					451	
<b>AUSTRALIA (ANTARCTIC)</b>																
89564 MAWSON	6736S	06252E	16		978.1	980.0	-2.4		3.1						294	109
89571 DAVIS	6834S	07757E	13		976.5	979.2	-2.1		3.4						267	96
89611 CASEY	6617S	11031E	42		974.6	979.8	-2.6		3.9						134	
<b>FRANCE (ANTARCTIC)</b>																
89642 DUMONT D'URVILLE	6640S	14001E	43		974.3	979.6	-3.4		2.8							
<b>SW PACIFIC</b>																
<b>SINGAPORE</b>																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1007.2	1009.0	26.8	1.1	29.9	1.2	14	341	37	3	127	95
<b>USA (PACIFIC OCEAN NORTH)</b>																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1016.4	23.0	.3	22.1		19	104	-26	3		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1016.0	23.5	.1	23.0		8	70	-26	3		
91212 NWSO AGANDA, GUAM, MARIANA,	1329N	14448E	82		1002.2	1011.0	27.8	.5	28.7		14	89	-47	2	240	
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1016.7	21.9	- .5	23.2		17	376	71	4		
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1008.6	27.6	.0	31.1		23	510	217	5		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1009.4	26.7	- .6	29.6		24	694	308	5		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1009.1	27.4	- .2	28.5		15	172	-33	3		
91376 MAJUORO/MARSHALL IS. INTL	0705N	17123E	3			1009.2	27.6	.5	29.2		20	228	-73	2		
91408 KOROR, PALAU IS.	0720N	13429E	33			1009.0	27.7	.0	31.2		25	434	130	5		
91413 YAP, CAROLINE IS.	0929N	13805E	16			1008.8	27.7	.6	31.1		20	291	63	4		
<b>NEW CALEDONIA</b>																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1008.3	1010.3	24.6	- .5	24.4		8	91	-10		176	69
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1003.0	1011.2	23.8	- .8	23.3		7	162	90	5	182	70
<b>FIJI</b>																
91650 ROTUMA	1230S	17703E	26			1009.0	27.8		30.9		21	308		3	182	100
91680 NANDI	1745S	17727E	25			1009.2	26.2	- .5	28.0		15	302	143	5	164	73

# SURFACE

## DECEMBER 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	
91683 NAUSORI	1803S	17834E	7			1009.7	25.9		30.1		22	620		5		
91699 ONO-I-LAU	2040S	17843W	28			1010.7	26.2		25.0		11	118		3		
<b>SAMOA (USA)</b>																
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3			1009.5	28.7		32.0		18	317		3		
<b>COOK ISLANDS (NEW ZEALAND)</b>																
91843 RAROTONGA	2112S	15949W	7		1011.3	1012.1	26.9		29.5		14	209		3	185	200
<b>FRENCH POLY. (MARQUESAS)</b>																
91925 ATUONA	0948S	13902W	52		1006.1	1011.9	25.8		20.1		7	50	-47	2		110
<b>FRENCH POLY. (SOCIETY IS)</b>																
91929 BORA-BORA	1626S	15145W	3		1011.7	1012.1	27.9		28.7		14	83	-14			
91938 TAHITI-FAAA	1733S	14937W	2		1012.4	1012.7	27.1		26.3		11	94	-223	1		125
<b>FRENCH POLY. (TUAMOTU IS)</b>																
91943 TAKAROA	1429S	14502W	3		1012.3	1012.6	27.6		27.0		16	175	-12	3		70
91945 HEREHETUE	1952S	14500W	3		1013.4	1013.8	26.5				7	141	-50	2		
91948 RIKITEA	2308S	13458W	89		1005.2	1015.3	24.5		24.5		10	112	-91	0	226	114
<b>FRENCH POLY. (AUSTRAL IS)</b>																
91954 TUBUAI	2321S	14929W	3		1013.5	1013.8	25.6		25.8		15	171	-16	3		
91958 RAPA	2737S	14420W	2		1015.3	1015.6	22.7		22.2		9	111	-76	1		115
<b>NEW ZEALAND</b>																
93012 KAITAIA	3506S	17316E	54				17.1		15.6		10	101	17	4	188	80
93292 GISBORNE AERODROME AWS	3839S	17759E	5			1014.4	16.6	-1.1	13.8							
93309 NEW PLYMOUTH AWS	3901S	17411E	32			1014.6	15.1		14.4		8	55		0		
93417 PARAPARAUMU AERODROME	4054S	17459E	12			1014.0	15.2	- .8	14.1		8	83	0	3	226	100
93615 HOKITIKA AERODROME AWS	4243S	17059E	40			1014.2	14.4		12.4		12	136		0		
93678 KAIKOURA	4225S	17342E	101			1012.9	13.8		11.5		7	37		3		
93780 CHRISTCHURCH	4329S	17233E	30			1012.7	14.1		12.1		3	30		2	225	100
93844 INVERCARGILL AERODROME	4625S	16819E	4			1011.5	12.8	- .2	11.3		14	56	-41	1	190	100
93987 CHATHAM ISLANDS AWS	4357S	17634W	49			1011.7	13.1		11.8		9	26		0		
93994 RAOUL ISLAND KERMADEC IS.	2915S	17755W	49			1014.6	20.4		18.7		11	107		3		
<b>AUSTRALIA</b>																
94120 DARWIN AIRPORT	1225S	13053E	31		1003.1	1006.6	28.2		30.0		20	256	23	1	200	90
94150 GOVE AIRPORT	1217S	13649E	54		1001.1	1007.1	27.7		29.2		16	371		6	200	80
94203 BROOME AIRPORT	1757S	12214E	7		1004.7	1005.7	28.8		29.6		15	137	90	1	255	
94212 HALLS CREEK AMO	1814S	12740E	424		959.1	1005.3	28.9		22.4		11	118	45	1		
94238 TENNANT CREEK MET OFFICE	1938S	13411E	375		965.2	1006.5	30.0		16.7		5	83	23	1	307	100
94287 CAINES AERO	1653S	14545E	3		1008.4	1009.3	25.9		26.2		17	184	-6	1	196	82
94294 TOWNSVILLE AERO	1915S	14645E	9		1008.9	1009.9	26.3		24.4		6	147	0	1	258	94
94299 WILLIS ISLAND	1618S	14959E	6		1007.5	1008.5	27.4		28.5		14	149	46	1		
94312 PORT HEDLAND PARDOO	2022S	11838E	9		1003.8	1004.7	29.2		26.4		6	86	70	1		
94326 ALICE SPRINGS AERO	2348S	13353E	546		947.8	1007.8	27.1		13.7		6	75	40	1	296	94
94332 MT ISA AERO	2041S	13929E	340		969.7	1007.3	27.6		17.9		7	90	28	1	334	112

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## DECEMBER 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	
94346 LONGREACH AIRPORT	2326S	14417E	192		987.6	1009.1	25.9		17.2		6	109	61	1		
94367 MACKAY MO	2107S	14913E	30		1006.6	1010.2	24.8		24.2		13	225	28	1	250	85
94374 ROCKHAMPTON AERO	2323S	15029E	14		1010.1	1011.8	24.5		20.1		5	95	-30	1		
94403 GERALDTON AIRPORT	2848S	11442E	33		1005.5	1009.6	24.9		16.3		0	1	-3	1		
94430 MEEKATHARRA AIRPORT	2637S	11833E	517		950.3	1007.1	28.5		13.0		7	36	25	1		
94461 GILES	2502S	12817E	598		942.5	1007.8	26.0		13.6		7	100	71	1	284	92
94610 PERTH AIRPORT	3156S	11559E	31		1009.2	1011.5	24.3		13.3		2	9	0	1	361	
94647 EUCLA	3141S	12853E	102		1003.3	1015.2	18.8		14.6		5	35		5		
94653 CEDUNA AIRPORT	3208S	13342E	16		1012.6	1014.4	20.7		12.6		2	4	-12	1	310	102
94693 MILDURA AIRPORT	3414S	14205E	52		1007.3	1013.3	21.4		11.3		4	25	3	1	308	90
94711 COBAR	3129S	14550E	264		982.0	1011.7	23.7		12.7		10	103	66	1	261	77
94767 SYDNEY AIRPORT	3356S	15110E	5		1013.8	1014.4	20.7		16.9		8	83	3	1	208	81
94776 WILLIAMTOWN AERODROME	3248S	15150E	8		1013.4	1014.4	20.2		16.9		9	61	-21	1	224	94
94791 COFFS HARBOUR MO	3019S	15307E	5		1013.8	1014.6	20.3		17.8		13	114	-29	1	254	102
94802 ALBANY AIRPORT	3456S	11748E	69		1008.4	1016.6	18.0		14.2		5	12	-11	1	230	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1007.8	1016.0	16.1		12.2		8	68	31	1	230	93
94866 MELBOURNE AIRPORT	3740S	14451E	132		1000.5	1014.4	17.7		11.9		7	139	92	1	206	
94907 EAST SALE AIRPORT	3806S	14708E	8		1013.3	1014.3	17.5		12.9		5	72	15	1	241	100
94910 WAGGA AIRPORT	3510S	14727E	213		987.8	1012.4	20.4		11.6						290	90
94926 GANBERRA AMO	3518S	14912E	580		947.9	1013.8	17.0		11.8		11	138	86	1	263	89
94968 LAUNCESTON AIRPORT	4132S	14712E	178		992.7	1013.8	15.4		10.1		5	52	1	1	310	115
94975 HOBART AIRPORT	4250S	14729E	27		1010.2	1013.4	15.8		10.1		7	29	-26	1	244	105
<b>AUSTRALIA (ADDITIONAL IS. )</b>																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1014.5	1015.3	20.1		16.8		14	90	-14	1		
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1002.0	1014.8	19.2		16.9		7	70	-18	1	213	88
94998 MACQUARIE ISLAND	5429S	15856E	6		996.5	997.5	5.5		7.1		21	112	39	1	111	106
<b>BRUNEI DARUSSALAM</b>																
96315 BRUNEI AIRPORT	0456N	11456E	15		1006.4	1008.3	27.0		30.3	.2	22	374	31	4	166	79
<b>MALAYSIA (SABAH &amp; SARAWAK)</b>																
96413 KUCHING	0129N	11020E	27		1006.6	1009.2	25.6		29.1		20	553		4	118	94
96421 SIBU	0220N	11150E	8		1005.6	1009.2	25.9		29.3		23	486		5	111	75
96449 MIRI	0420N	11359E	18		1006.4	1008.5	26.5	.3	30.6		23	427	87	4	145	75
96465 LABUAN	0518N	11515E	30		1005.2	1008.5	27.4		30.7	.5	20	445			160	70
96471 KOTA KINABALU	0556N	11603E	3		1008.1	1008.4	27.1		28.9		17	251		3	159	80
96481 TAWAU	0416N	11753E	20		1006.2	1008.5	26.7		29.1			443	308	1	185	95
96491 SANDAKAN	0554N	11804E	13		1007.0	1008.2	26.9	.4	31.2		20	530		4	155	95
<b>INDONESIA (JAWA)</b>																
96739 CURUG/BUDIARTO	0614S	10639E	46		1003.2	1008.1	25.9		28.0		14	0237		4		
96749 JAKARTA/SOEKARNO- HATTA	0607S	10639E	8		1007.8	1008.9	26.5		30.4		6	280				
96805 CILACAP	0744S	10901E	6		1007.3	1008.3	27.2		29.6			561			111	
<b>AUSTRALIA (OCEAN ISLANDS)</b>																
96996 COCOS ISLAND AERO	1211S	09649E	3		1009.2	1009.4	26.8		26.9		8	68	-48	1		
<b>PHILIPPINES</b>																

# SURFACE

## DECEMBER 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	
98135 BASCO	2027N	12158E	11		1014.6	1015.9	23.0	.1	24.9	1.8						
98223 LAOAG	1811N	12032E	5		1011.0	1012.6	27.2	4.3	26.4	3.3						
98232 APARRI	1822N	12138E	3		1011.7	1012.0	24.5	.6								
98233 TUGUEGARAO	1737N	12144E	62		1006.2	1013.6	22.9	-1.0	17.5	-8.3						
98325 DAGUPAN	1603N	12020E	2		1009.6	1009.9	26.4	.1								
98328 BAGUIO	1625N	12036E	1501		852.1	1010.8	17.9		18.2		9	45		4		
98330 CABANATUAN	1529N	12058E	32		1007.7	1010.9	27.2	.9	29.8	4.2	9	44	33			
98429 NINYO AQUINO INTER- NATIONAL	1431N	12100E	15		1008.7	1011.1	26.3	.3								
98444 LEGASPI	1308N	12344E	17		1008.3	1010.0	26.7	.6	31.7	3.2						
98550 TACLOBAN	1115N	12500E	3		1008.6	1008.8	26.8	.5	31.7	3.0						
98644 TAGBILARAN	0936N	12351E	8		1007.5	1008.4	27.1	.3	31.1	2.2						
98646 MACTAN	1018N	12358E	24		1010.5	1015.0	27.2	-1.1	31.7	2.4	20	252	149			
98836 ZAMBOANGA	0654N	12204E	6		1007.4	1008.2	28.4	1.0	29.8	.9						187



# SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
OVERDUE	o'	o'	m		mb	mb	o c	o c	mb	mb		mm	mm		hr	
JUNE 1999																
<b>AFRICA</b>																
<b>DJIBOUTI</b>																
63125 DJIBOUTI	1133N	04309E	19		1002.9	1005.0	33.2	-1.0	30.8		0	0	-1		249	88
SEPTEMBER 1999																
<b>SW PACIFIC</b>																
<b>PHILIPPINES</b>																
98135 BASCO	2027N	12158E	11		999.9	1006.2	28.0	.1	33.6	1.4	16	326	-54	3		
98330 CABANATUAN	1529N	12058E	32		1004.8	1008.0	28.0		31.7		22	315				
OCTOBER 1999																
<b>AFRICA</b>																
<b>ALGERIA</b>																
60351 JIJEL ACHOUAT	3653N	00549E	10		1016.0	1017.3	22.9	2.8	17.8	.3	4	24	-7	3	216	116
60353 JIJEL PORT	3650N	00547E	2		1015.4	1017.3	23.5	3.4	11.6	-5.9	5	13	-18	3		
60360 ANNABA	3650N	00749E	4		1017.2	1017.7	22.4	2.7	17.3		8	30	-41	2	231	65
60367 EL-KALA	3654N	00827E	10		1017.1	1018.6	24.1	4.4	17.1		2	4	-67	0		
60390 DAR-EL-BEIDA	3643N	00315E	25		1013.9	1017.2	22.8	3.4	17.7		3	22	-54	1	244	70
60395 TIZI-OUZOU	3642N	00403E	195		995.3	1017.1	22.4	3.0	16.8		4	15	-61	1	230	
60402 BEJAIA	3643N	00504E	2		1016.7	1017.1	22.1	2.4	18.5		6	24	-65	1	206	60
60403 GUELMA	3628N	00728E	227		992.0	1018.2	22.2	2.5	14.3		2	8	-81	1	226	
60410 TENES	3630N	00120E	59		1015.1	1017.1	22.7	3.0	17.4		2	17	-72	1	207	75
60417 BOUIRA	3623N	00354E	635		953.3	1016.6	20.8	1.1	14.9		3	11	-78	1	238	70
60419 CONSTANTINE	3617N	00637E	694		939.4	1017.6	19.3	2.9	13.8		5	38	0	3	241	70

# 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	
60421 OUM EL BOUAGHI	3553N	00707E	889		918.2	1546 Y	19.0	2.6	11.6		2	11	-27	2	247	
60423 SOUK AHRAS	3617N	00758E	680		940.9	1017.7	19.8	3.4	12.7		3	10	-28	2	217	
60425 CHLEF	3613N	00120E	143		1000.5	1017.6	22.5	2.2	15.9		3	15	-36	2	223	
60490 ORAN/ES SENIA	3538N	00036W	90		1005.7	1016.4	20.7	1.4	17.5		7	29	-2	3	188	55
60517 GHAZAOUET	3506N	00152W	83		1016.2	1016.8	21.2	1.9	19.3		6	30	-1	3		
60518 BENI-SAF	3518N	00121W	68		1006.9	1015.2	21.0	1.7	19.5		6	23	-8	3	170	50
60520 SIDI BEL ABBES	3511N	00237W	450		962.7		20.2	.9	15.5		4	17	-14	3		
60522 MAGHNA	3449N	00147W	426		965.8	1016 Y	20.3	1.0	16.9		4	17	-14	3		
60525 BISKRA	3448N	00544E	87		1007.4	1017.7	25.3	3.0	13.4		2	12	-4	4	269	
60531 TLEMCEN (ZENATA)	3501N	00128W	247		988.3	1016.9	20.5	-1.8	17.1		6	17	1	4	189	55
60535 DJELFA	3441N	00315E	1144		886.6	1543 Y	17.5	3.2	11.3		3	29	4	4	159	50
60536 SAIDA	3452N	00009E	750		931.7	1537 Y	20.0	5.7	13.6		9	50	25	5	217	
60540 EL KHEITER	3409N	00004E	1000		904.7	1534 Y	19.6	5.3	11.0		2	10	-15	3	222	85
60545 LAGHOUAT	3346N	00256E	765		931.7	1550 Y	21.6	7.3	12.5		1	9	-16	2	250	70
60557 NAAMA	3316N	00018W	1166		887.7	1539 Y	19.6	5.3	10.0		1	6	-19	2	230	
60560 AIN SEFRA	3246N	00036W	1058		896.9	1520 Y	20.8	-1.2	9.2		2	6	-1	4	243	
60566 GHARDAIA	3223N	00349E	450		965.0	1017.6	25.5	3.9	11.5		0	0	-7	2	268	
60571 BECHAR	3137N	00214W	773		925.7	1545 Y	23.6	2.4	10.2		5	7	-3	4	249	70
60581 HASSI-MESSAOUD	3140N	00609E	142		1000.1	1016.6	26.7	3.7	11.8		0	T	-4	2		
60590 EL GOLEA	3034N	00252E	397		971.2	1015.6	25.5	3.8	10.5		0	0	-2	3	284	80
60611 IN AMENAS	2803N	00938E	562		953.2	1016.0	24.5	1.6	9.7		1	1	-2	4	290	
60630 IN SALAH	2712N	00228E	293		983.8	1013.9	29.1	2.2	9.0		0	0	-1	4	297	
60670 DJANET	2433N	00928E	1054		909.0	1552 Y	24.5	.2	10.7		0	0	-2	3	312	85
60680 TAMANRASSET	2247N	00531E	1378		868.0	1547 Y	24.2	1.8	6.9		0	T	-3	2	301	
60686 BORDJ B.MOKHTAR	2120N	00057E	398		966.8	1010.3	30.3	7.9			0	0	-3	2		
<b>S AMERICA</b>																
<b>BRAZIL</b>																
83618 TRES LAGOAS	2047S	05138W	313		975.9	1012.8	26.4	1.2	22.3		4	40	-87	1		
<b>SW PACIFIC</b>																
<b>PHILIPPINES</b>																
98135 BASCO	2027N	12158E	11		1010.4	1011.7	27.6	.9	31.7	2.4	18	520	192	5		
98223 LAOAG	1811N	12032E	5		999.6	1008.7	28.4	1.7	31.7	2.4	7	212	-116	5	217	
98233 TUGUEGARAO	1737N	12144E	62		1001.5	1008.6	25.8	-1.2	19.8	-10.4	14	247	-122	3		
98328 BAGUIO	1625N	12036E	1501		851.5	1008.8	18.8		19.4		16	733		5	292	
98330 CABANATUAN	1529N	12058E	32		1006.4	1009.6	28.3	.3	31.7	1.8	15	152	-32			
98429 NINYO AQUINO INTER- NATIONAL	1431N	12100E	15		1007.9	1010.3	27.4	.1	21.1	-7.6	19	160	-70			
98444 LEGASPI	1308N	12344E	17		1007.8	1008.4	27.9	.7	33.6	3.3	22	351	11	4		
98550 TACLOBAN	1115N	12500E	3		1008.8	1009.0	27.6	.0	33.6	3.5	23	274	77	5		
98637 ILOILO	1042N	12234E	8		1008.5	1009.2	28.1	.4			15	214	-50	3		
98644 TAGBILARAN	0936N	12351E	8		1007.5	1008.4	27.8	.1	31.7	1.0	20	189	-75	4		
98653 SURIGAO	0948N	12530E	55		1005.0	1010.3	27.7	.2	31.7	1.1	19	211	-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	
98836 ZAMBOANGA	0654N	12204E	6		1008.6	1009.4	28.7	1.2	31.7	2.0	18	217	60	2	204	
NOVEMBER 1999																
<b>AFRICA</b>																
<b>ALGERIA</b>																
60351 JIJEL ACHOUAT	3653N	00549E	10		1017.5	1018.7	14.7	-1.9	13.4	-.6	19	251	210	6	116	71
60353 JIJEL PORT	3650N	00547E	2		1015.1	1017.1	17.1	.5	14.7	.7	12	182	141	6		
60360 ANNABA	3650N	00749E	4		1017.2	1017.7	15.2	-.4	13.5		12	111	37	4	145	50
60367 EL-KALA	3654N	00827E	10		1017.3	1018.5	16.1	.5	13.0		15	181	107	6		
60390 DAR-EL-BEIDA	3643N	00315E	25		1016.0	1019.6	13.5	-1.7	12.2		12	170	74	5	142	45
60402 BEJAIA	3643N	00504E	2		1018.4	1018.7	14.6	-1.2	12.7		10	93	-6	3	137	
60403 GUELMA	3628N	00728E	227		991.9	1019.0	13.9	-1.9	11.8		9	98	-1	3	156	
60417 BOUIRA	3623N	00354E	635		953.4	1019.0	11.2	-4.6	10.7		6	31	-68	1	167	55
60419 CONSTANTINE	3617N	00637E	694		938.2	1018.9	10.5	-.9	10.1		12	79	36	5	151	50
60425 CHLEF	3613N	00120E	143		1002.9	1020.1	13.2	-1.6	10.9		5	46	-7	3	180	
60430 MILIANA	3618N	00214E	715		936.4	1019.8	11.5	-1.3	9.4		11	76	-27	2	172	
60437 MEDEA	3616N	00245E	981		900.3	1508 Y	8.5	-4.3	9.1		7	65	-38	2	164	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928		913.2	1520 Y	9.4	-3.4	8.7		6	17	-86	1	170	
60445 SETIF	3611N	00525E	1081		900.5	1514 Y	8.6	-4.2	8.8		8	23	-80	1	166	
60452 ARZEW	3549N	00016W	3		1019.0	1019.5	15.6	2.8	13.4		6	86	-17	3	197	
60457 MOSTAGANEM VILLE	3553N	00007E	137		1002.8	1014.3	13.0	.2	11.8		7	74	-29	2	196	
60461 ORAN PORT	3542N	00039W	22		1016.6	1019.3	14.8	2.0	12.6		7	81	-22	2		
60467 M'SILA	3540N	00430E	441		965.8	1017.8	12.7	-.1	10.9		8	26	-77	1	190	65
60490 ORAN/ES SENIA	3538N	00036W	90		1008.6	1019.6	13.1	-1.8	11.9		7	120	77	5	203	65
60506 MASCARA METMORE	3536N	00018E	474		964.1	1020.4	10.7	-4.2	9.3		6	38	-5	3	202	
60511 TIARET	3515N	00126E	1127		907.2	1511 Y	8.4	-6.5	8.0		6	25	-18	3	198	65
60514 KSAR CHELLALA	3510N	00219E	800		928.5	1527 Y	10.3	-4.6	8.8		7	32	-11	3	250	
60515 BOU-SAADA	3520N	00412E	461		997.1	1021.4	13.0	-1.9	8.7		4	11	-32	1	186	
60517 GHAZAOUET	3506N	00152W	83		1019.4	1020.2	15.2	.3	12.4		8	128	85	5		
60518 BENI-SAF	3518N	00121W	68		1009.7	1018.0	15.1	.2	13.8		10	117	74	5	208	65
60520 SIDI BEL ABBES	3511N	00237W	450		1016.4	1020.3	11.4	-3.5	10.1		8	60	17	4	204	
60525 BISKRA	3448N	00544E	87		1008.1	1018.7	15.8	-.5	10.3		6	44	26	5	202	
60531 TLEMCCEN (ZENATA)	3501N	00128W	247		990.9	1019.9	13.1	-3.2	11.6		8	60	42	5	214	70
60535 DJELFA	3441N	00315E	1144		884.2	1508 Y	7.5	-1.6	7.8		8	26	-11	3	191	80
60536 SAIDA	3452N	00009E	750		932.2	1514 Y	10.1	1.0	8.6		7	30	-7	3	209	
60540 EL KHEITER	3409N	00004E	1000		904.1	1509 Y	9.1	.0	7.5		5	14	-23	1	218	70
60545 LAGHOAT	3346N	00256E	765		930.8	1515 Y	11.5	2.4	8.6		4	12	-25	1	223	75
60549 MECHERIA	3456N	00026W	1149		888.6	1517 Y	9.8	.7	7.9		3	11	-26	1	219	70
60550 ELBAYADH	3340N	00100E	1341		868.2	1522 Y	8.3	-.8	6.4		3	19	-18	2	206	
60555 TOUGGOURT	3307N	00608E	85		1007.7	1018.6	15.4	6.3	10.9		4	33	-4	3	205	
60557 NAAMA	3316N	00018W	1166		886.7	1516 Y	9.1	.0	7.0		1	3	-34	1	218	
60559 EL OUED	3330N	00607E	63		1009.7	1017.8	15.9	.2	11.2		4	44	35	6	210	
60560 AIN SEFRA	3246N	00036W	1058		896.4	1499 Y	10.3	-5.4	6.5		2	7	-2	3	233	
60566 GHARDAIA	3223N	00349E	450		964.9	1019.5	15.0	-.4	9.3		4	28	16	5	218	

# 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	QUINTE	TOTAL	% OF AV.
	°	°	m		mb	mb	°	° C	mb	mb		mm	mm		hr	
60571 BECHAR	3137N	00214W	773		926.1	1523 Y	14.1	- .8	8.5		0	0	-10	1	278	90
60580 OUARGLA	3155N	00524E	141		1000.3	1017.7	16.2	1.3	11.0	3	23	13	5	206		
60581 HASSI-MESSAOUD	3140N	00609E	142		1000.9	1018.0	16.7	.4	9.7	2	14	10	5			
60590 EL GOLEA	3034N	00252E	397		971.7	1018.8	15.2	.0	8.8	4	30	25	5	219	70	
60602 BENI ABBES	3008N	00210W	499		959.3	1017.6	16.2	- .5	6.7	0	0	-6	2	286		
60607 TIMIMOUN	2915N	00017E	312		981.6	1018.7	16.9	- .3	7.1	0	0	-1	3	228		
60611 IN AMENAS	2803N	00938E	562		952.6	1017.0	17.3	.9	7.4	0	2	0	5	220	70	
60620 ADRAR	2753N	00017W	263		983.9	1016.9	17.6	- .6	8.0	5	19	18	6	235	75	
60630 IN SALAH	2712N	00228E	293		985.3	1016.6	19.3	- .8	10.2	0	T	-1	4	245		
60640 ILLIZI	2630N	00825E	558		953.8	1015.7	20.0	- .1	10.1	0	0	-1	4			
60656 TINDOUF	2740N	00808W	431		964.9	1016.4	17.4	-2.7	7.6	0	0	-1	4			
60670 DJANET	2433N	00928E	1054		908.4	1535 Y	18.6	.4	9.3	0	0	-1	4	274	85	
60680 TAMANRASSET	2247N	00531E	1378		867.0	1534 Y	18.7	1.4	6.3	0	0	-2	4	271	100	
60686 BORDJI B.MOKHTAR	2120N	00057E	398		968.2	1013.4	22.2	4.9	5.2	0	0	-2	4	251		
60690 IN-GUEZZAM	1934N	00546E	411		937.0	1014.6	26.3	9.0	5.2	0	0	-2	4	240		
<b>SW PACIFIC</b>																
<b>PHILIPPINES</b>																
98135 BASCO	2027N	12158E	11		1012.6	1013.9	25.3	.4	26.4	.1	14	251	-45	3		
98223 LAOAG	1811N	12032E	5		1010.0	1011.4	27.8	2.9	28.1	1.8	3	63	-233	1	235	
98232 APARRI	1822N	12138E	3		1011.2	1011.5	27.2	1.6	22.4	-6.0	19	266	-59	3		
98233 TUGUEGARAO	1737N	12144E	62		1004.8	1011.9	24.1	-1.5	19.8	-8.6	16	216	-109	3		
98325 DAGUPAN	1603N	12020E	2		1008.8	1009.1	26.5	- .9	29.8	1.7	8	51	-9	3		
98328 BAGUIO	1625N	12036E	1501		851.6	1014.8	18.3		18.2		13	99		3		
98330 CABANATUAN	1529N	12058E	32		1006.8	1010.0	28.0	.6	29.8	1.7	9	81	21			
98444 LEGASPI	1308N	12344E	17		1006.2	1007.3	27.0	.2	31.7	1.9	25	547	68	4		
98637 ILOILO	1042N	12234E	8		1007.7	1008.4	27.2	- .3			18	142	-32	3		
98644 TAGBILARAN	0936N	12351E	8		1007.3	1008.2	26.9	- .6	31.7	1.6	19	159	-15	2		
98646 MACTAN	1018N	12358E	24		1007.4	1010.2	27.1	- .8	31.7	1.4	16	174	43			
98836 ZAMBOANGA	0654N	12204E	6		1007.7	1008.5	28.1	.6	29.8	.3	18	135	37	4	168	

# UPPER AIR

# DECEMBER 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>EUROPE - NORWAY</b> <b>JAN MAYEN</b> 01001 DEC 1999 7056N 00840W OB 3									<b>EUROPE - NORWAY</b> <b>BJORNOYA</b> 01028 DEC 1999 7431N 01901E OB 3									<b>EUROPE - NORWAY</b> <b>BODO</b> 01152 DEC 1999 6715N 01424E OB 3										
030	22631	22	-74.5	25.8	9	92	303	30	030	22307	22	-79.4			9	73	317	12	030	22477	8	-77.3	23.4	8	94	283	27	
050	19492	7	-72.0	24.5	7	91	297	22	050	19310	9	-75.2			9	75	293	10	050	19481	2	-73.1	23.3	2	92	280	22	
100	15307	0	-65.5	24.1	0	84	284	13	100	15204	0	-67.4			0	67	279	7	100	15330	0	-65.1	24.3	0	86	276	15	
150	12816	0	-61.5	22.8	0	75	288	10	150	12733	0	-62.4			0	57	279	6	150	12831	0	-60.6	23.9	0	77	277	12	
200	11032	0	-60.5	18.1	0	71	295	10	200	10951	0	-60.8	17.2	0	47	276	5	200	11033	0	-59.3	20.7	0	68	272	10		
300	8504	0	-58.0	10.4	0	61	305	11	300	8422	0	-58.3	9.7	0	38	287	4	300	8491	0	-57.3	10.5	0	56	270	8		
500	5132	0	-35.6	10.6	0	42	313	6	500	5079	0	-38.1	8.7	0	22	274	2	500	5122	0	-36.3	8.1	0	47	288	6		
700	2712	0	-19.8	11.4	1	22	330	2	700	2680	0	-21.0	8.4	0	14	293	2	700	2702	0	-18.4	7.1	0	39	283	4		
850	1250	0	-12.6	4.8	1	43	61	5	850	1220	0	-12.3	4.1	0	20	63	2	850	1224	0	-8.1	5.5	0	26	238	2		
998	* 9		-4.3	2.9					992	* 18		-4.5	1.7						990	* 33		-1.5	3.9					
<b>EUROPE - NORWAY</b> <b>ORLAND</b> 01241 DEC 1999 6342N 00936E OB 3									<b>EUROPE - NORWAY</b> <b>STAVANGER/SOLA</b> 01415 DEC 1999 5852N 00540E OB 3									<b>EUROPE - SWEDEN</b> <b>SUNDSVALL-HARNOSAND FPL</b> 02365 DEC 1999 6232N 01727E OB 3										
030	22629	1	-75.6	23.4	2	96	280	33	030	22911	1	-72.2	23.0	2	95	281	31	030	22530									
050	19622	1	-70.5	24.0	1	94	283	27	050	19832	0	-67.9	23.7	0	95	281	27	050	19601	16	-71.8	24.1	9	90	267	23		
100	15425	0	-63.2	25.1	0	89	283	20	100	15586	0	-60.3	24.7	0	91	280	22	100	15445	7	-63.1	25.7	8	88	267	19		
150	12912	0	-59.0	24.6	0	82	282	15	150	13043	0	-57.2	23.8	0	86	283	20	150	12923	6	-59.0	25.7	6	83	264	15		
200	11103	0	-58.0	20.9	0	75	282	14	200	11219	0	-56.2	20.7	0	82	285	20	200	11097	5	-57.7	23.2	6	74	261	13		
300	8552	0	-56.7	10.8	0	63	276	13	300	8637	0	-53.8	11.9	0	65	284	14	300	8559	5	-56.5	10.8	6	64	250	12		
500	5164	0	-34.3	10.2	0	62	284	9	500	5220	0	-32.7	9.1	0	64	268	10	500	5156	5	-33.4	10.0	5	64	261	9		
700	2724	0	-16.8	10.1	0	52	289	6	700	2762	0	-14.6	6.7	0	56	262	7	700	2709	5	-16.3	8.9	7	22	272	3		
850	1238	0	-7.0	6.0	0	27	281	3	850	1264	0	-5.1	3.9	0	50	242	6	850	1223	5	-8.1	5.7	5	14	328	2		
993	* 10		-1.7	2.5					991	* 14		2.4	2.1						1002	* 6		-9.4	2.0					
<b>EUROPE - FINLAND</b> <b>SODANKYLA</b> 02836 DEC 1999 6722N 02639E OB 3									<b>EUROPE - UNITED KINGDOM</b> <b>LERWICK</b> 03005 DEC 1999 6008N 00111W OB 3									<b>EUROPE - UNITED KINGDOM</b> <b>STORNOWAY</b> 03026 DEC 1999 5813N 00619W OB 3										
030	22395	9	-78.7	18.7	9	93	274	24	030	22844	2	-73.5			2	96	280	36	030	22984	1	-71.3			1	95	280	34
050	19439	1	-74.4	19.6	1	90	268	20	050	19845	2	-68.2			2	96	283	30	050	19937	0	-66.9			0	94	282	30
100	15320	0	-65.5	22.6	0	87	266	15	100	15579	1	-60.9			1	92	281	24	100	15674	0	-60.0			0	92	283	26
150	12829	0	-61.1	23.2	0	80	262	12	150	13036	1	-57.2			1	88	282	21	150	13124	0	-57.1			0	89	286	24
200	11034	0	-59.7	20.3	0	73	256	12	200	11212	1	-56.3			1	83	285	20	200	11298	0	-56.1			0	85	286	25
300	8499	0	-57.7	8.2	0	55	245	10	300	8635	1	-54.1			1	68	290	18	300	8709	0	-52.9			0	75	285	24
500	5123	0	-35.5	8.0	0	42	257	5	500	5217	0	-32.0	8.4	0	55	291	10	500	5265	0	-30.5	10.1	0	74	283	15		
700	2699	0	-18.6	8.3	0	8	279	1	700	2754	0	-14.1	8.0	0	49	287	7	700	2788	0	-13.3	9.1	0	63	279	10		
850	1226	0	-10.3	4.5	0	6	4	1	850	1254	0	-4.7	3.5	0	38	292	5	850	1284	0	-4.1	3.4	0	58	274	8		
973	* 179		-14.9	1.9					984	* 84		3.3	3.0						996	* 13		4.2	2.9					

# UPPER AIR

# DECEMBER 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 - UNITED KINGDOM HEMSBY</b> 03496 DEC 1999 5241N 00141E OB 3									<b>EUROPE - UNITED KINGDOM CAMBORNE</b> 03808 DEC 1999 5013N 00519W OB 3									<b>EUROPE - IRELAND VALENTIA OBSERVATORY</b> 03953 DEC 1999 5156N 01015W OB 3								
030	23147	19	-68.8		9	96	281	31	030	23339	1	-66.4		1	95	280	25	030	23338	7	-67.3	25.8	8	95	284	24
050	20128	2	-64.4		2	96	283	24	050	20222	0	-65.1		0	95	282	22	050	20221	4	-64.2	27.5	4	96	285	23
100	15849	0	-59.5		0	93	283	23	100	15958	0	-60.9		0	92	287	24	100	15937	3	-59.7	27.1	3	94	286	24
150	13298	0	-56.9		0	89	287	26	150	13421	0	-58.6		0	89	290	28	150	13387	1	-57.9	24.0	1	91	285	30
200	11477	0	-56.7		0	85	289	31	200	11615	0	-58.7		0	86	289	34	200	11574	1	-57.9	19.8	1	87	282	34
300	8884	0	-50.3		0	79	290	32	300	9022	0	-48.1		0	82	288	36	300	8969	1	-48.3	14.9	1	85	281	35
500	5385	0	-27.2	9.8	0	81	285	21	500	5484	0	-24.4	10.0	0	83	283	23	500	5443	1	-25.5	11.7	1	84	277	23
700	2878	0	-10.6	13.6	0	81	278	15	700	2949	0	-7.6	12.7	0	83	281	18	700	2917	1	-8.9	12.7	1	84	278	18
850	1361	0	-2.2	4.8	0	78	274	12	850	1417	0	-.3	5.8	0	80	276	14	850	1390	1	-.7	4.9	1	79	274	14
1005	* 14		5.2	2.8					1001	* 88		8.4	3.5					1005	* 30		8.2	3.3				
<b>EUROPE - ICELAND KEFLAVIKURFLUGVOLLUR</b> 04018 DEC 1999 6358N 02236W OB 3									<b>EUROPE - GREENLAND AASIAAT (EGEDESMINDE)</b> 04220 DEC 1999 6842N 05251W OB 3									<b>EUROPE - GREENLAND NARSARSUAQ</b> 04270 DEC 1999 6109N 04526W OB 3								
030									030	22619	0	-73.0	26.1	1	89	289	26	030	22974	0	-69.3	28.8	1	84	277	31
050	19767								050	19593	0	-68.5	27.2	1	87	283	21	050	19870	0	-65.3	29.6	0	90	269	28
100	15513	1	-61.4		1	92	278	22	100	15374	0	-62.0	28.6	2	80	269	14	100	15584	0	-58.6	31.0	1	90	260	21
150	12978	0	-58.0		0	88	277	18	150	12850	0	-59.3	26.5	1	69	255	11	150	13025	0	-56.3	30.6	0	88	258	19
200	11164	0	-57.5		0	80	277	16	200	11046	0	-59.4	21.7	1	61	240	10	200	11199	0	-56.1	25.9	0	81	253	17
300	8598	0	-54.8		0	50	275	10	300	8502	0	-55.9	13.5	1	45	222	10	300	8624	0	-53.7	14.7	0	53	251	13
500	5188	0	-32.3	8.8	0	31	260	5	500	5119	0	-36.0	9.1	1	54	204	8	500	5195	0	-32.6	9.4	0	43	259	8
700	2730	0	-15.5	7.7	0	18	264	2	700	2712	0	-21.8	8.4	2	70	192	7	700	2750	0	-18.1	11.3	0	23	269	3
850	1240	0	-6.8	5.2	0	13	136	2	850	1261	0	-14.5	6.4	1	44	181	4	850	1277	0	-9.9	10.7	0	19	93	1
990	* 54		-1.1	3.4					997	* 41		-7.9	4.7					1001	* 4		-10.1	4.6				
<b>EUROPE - GREENLAND DANMARKSHAVN</b> 04320 DEC 1999 7646N 01840W OB 3									<b>EUROPE - GREENLAND ILLOQQORTOORMIUT (SCORESBYSU)</b> 04339 DEC 1999 7029N 02157W OB 3									<b>EUROPE - GREENLAND TASIILAQ (AMASSALIK)</b> 04360 DEC 1999 6536N 03738W OB 3								
030	22218	0	-80.3	20.2	0	79	304	14	030	22425	0	-78.4	20.2	1	87	291	26	030	22762	0	-72.3	23.7	4	89	285	32
050	19303	0	-75.7	21.5	0	76	296	11	050	19477	0	-73.5	21.5	0	91	286	22	050	19722	0	-67.7	25.0	1	85	280	25
100	15212	0	-67.5	23.4	0	73	285	9	100	15336	0	-65.5	23.1	0	87	279	15	100	15471	0	-61.5	24.6	0	86	268	18
150	12744	0	-63.1	22.6	0	67	281	7	150	12846	0	-61.4	22.1	0	82	280	12	150	12940	0	-58.4	23.4	0	79	264	14
200	10970	0	-62.3	18.6	0	66	282	8	200	11059	0	-61.1	17.8	1	66	279	10	200	11129	0	-58.1	19.0	0	63	259	11
300	8453	0	-58.4	10.4	0	62	292	8	300	8541	0	-58.2	9.0	0	45	278	8	300	8574	0	-55.1	11.0	0	29	252	7
500	5105	0	-38.2	9.7	0	45	290	4	500	5163	0	-35.0	8.2	0	28	288	4	500	5164	0	-33.8	8.0	0	7	213	1
700	2716	0	-23.3	8.7	0	29	311	2	700	2738	0	-19.9	7.6	2	34	5	3	700	2731	0	-18.8	8.5	0	43	77	5
850	1278	0	-18.7	6.8	0	52	336	4	850	1284	0	-15.5	8.6	3	64	0	6	850	1261	0	-10.7	9.0	0	45	51	5
1008	* 12		-22.0	3.7					998	* 69		-13.5	4.1					994	* 52		-6.6	3.6				

# UPPER AIR

# DECEMBER 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>EUROPE - DENMARK &amp; FAROE IS.</b> <b>THORSHAVN</b> 06011 DEC 1999 6201N 00646W OB 3									<b>EUROPE - DENMARK &amp; FAROE IS.</b> <b>KOEBENHAVN/JAEGERSBORG</b> 06181 DEC 1999 5546N 01232E OB 3									<b>EUROPE - NETHERLANDS</b> <b>DE BILT</b> 06260 DEC 1999 5206N 00511E OB 1									
030	22758	0	-74.2	22.5	3	95	286	36	030	23004	0	-71.6	21.5	1	97	274	34	030	23259		-71.4	25.5	9	96	272	31	
050	19745	0	-69.9	22.6	1	99	285	30	050	19950	0	-66.6	23.6	1	94	274	27	050	20113	19	-65.6	25.9	9	95	282	25	
100	15540	0	-61.8	23.8	1	93	286	24	100	15685	0	-59.9	25.5	0	92	274	24	100	15835	2	-59.7	28.1	2	92	282	23	
150	13006	0	-57.8	23.1	1	87	286	20	150	13133	0	-56.7	26.2	0	88	275	23	150	13285	0	-57.2	26.9	0	89	286	26	
200	11193	0	-57.2	20.0	1	81	288	19	200	11303	0	-55.5	23.5	0	81	276	22	200	11465	0	-56.8	23.1	0	86	290	30	
300	8627	0	-55.2	10.8	1	62	287	15	300	8708	0	-52.5	13.8	0	73	279	22	300	8874	0	-50.6	13.0	0	78	289	30	
500	5207	0	-32.3	9.2	0	53	287	8	500	5273	0	-31.5	8.9	0	71	272	14	500	5386	0	-27.8	10.2	0	81	285	21	
700	2748	0	-14.9	10.2	0	35	277	5	700	2805	0	-13.8	9.2	0	76	268	12	700	2884	0	-11.4	11.9	0	83	277	15	
850	1254	0	-6.2	3.1	0	15	291	2	850	1302	0	-4.6	4.5	0	71	266	11	850	1371	0	-3.1	3.6	1	82	270	14	
988	* 55		2.2	3.1					996	* 42		2.2	1.6						1008	* 15		4.7	2.2				
<b>EUROPE - BELGIUM</b> <b>UCCLE</b> 06447 DEC 1999 5048N 00421E OB 3									<b>EUROPE - SWITZERLAND</b> <b>PAYERNE</b> 06610 DEC 1999 4649N 00657E OB 3									<b>EUROPE - FRANCE</b> <b>BREST</b> 07110 DEC 1999 4827N 00425W OB 3									
030	23302	16	-67.2	26.8	9	97	277	23	030	23376	0	-65.8		3	97	273	22	030									
050	20212	12	-64.2	27.3	9	96	282	21	050	20261	0	-64.4		1	97	277	20	050									
100	15901	8	-59.8	26.6	8	95	283	23	100	15988	0	-61.3		0	92	280	20	100									
150	13394	12	-57.2	23.2	9	91	288	27	150	13457	0	-58.2		0	88	283	22	150									
200	11574	12	-56.5	19.4	9	89	292	34	200	11643	0	-57.7	8.3	0	84	293	26	200									
300	8967	12	-48.0	12.5	9	84	291	36	300	9051	0	-48.6	8.3	0	74	297	27	300	9104	4	-47.3		3	80	291	35	
500	5439	12	-25.6	7.9	9	83	289	25	500	5513	0	-24.3	8.4	0	75	291	18	500	5528	1	-22.4	15.3	2	82	280	24	
700	2923	12	-10.2	12.5	9	84	280	16	700	2985	0	-9.1	7.5	0	75	269	12	700	2979	1	-7.0	14.7	1	85	282	18	
850	1404	12	-2.9	4.7	9	81	273	13	850	1459	0	-7	6.1	0	79	240	11	850	1443	1	.7	5.8	1	82	277	14	
998	* 104		4.0	1.9					959	* 491		2.6	3.6						1003	* 103		7.9	2.2				
<b>EUROPE - SPAIN</b> <b>LA CORUNA</b> 08001 DEC 1999 4322N 00825W OB 3									<b>EUROPE - SPAIN</b> <b>SANTANDER</b> 08023 DEC 1999 4328N 00348W OB 3									<b>EUROPE - SPAIN</b> <b>MADRID/BARAJAS</b> 08221 DEC 1999 4030N 00335W OB 3									
030	23442								030	23510	22	-61.4		9	96	276	19	030	23538	8	-63.0	29.0	9	95	275	17	
050	20336		-65.9	24.5	9	89	283	7	050	20374	8	-65.9		9	92	278	15	050	20419	1	-63.4	29.3	5	91	285	11	
100	16114	22	-64.4	22.7	9	76	306	7	100	16123	2	-61.3		2	83	284	14	100	16177	0	-63.5	29.2	3	88	294	15	
150	13617	22	-62.4	18.5	9	75	311	10	150	13626	2	-61.2		2	82	296	19	150	13674	0	-61.8	24.8	2	76	304	17	
200	11802	21	-63.7	10.0	9	70	312	12	200	11846	1	-61.2		1	76	307	49	200	11898	0	-61.7	15.6	2	69	307	19	
300	9227	21	-46.9	10.0	9	71	307	11	300	9257	1	-46.2	11.3	1	69	310	22	300	9308	0	-45.7	13.1	3	65	310	19	
500	5640	21	-20.0	11.3	9	72	302	8	500	5660	1	-19.2	14.7	1	80	299	23	500	5698	0	-17.6	20.5	5	67	305	14	
700	3067	21	-4.6	17.8	9	65	291	5	700	3085	1	-3.6	17.4	1	77	290	12	700	3102	0	-2.3	17.4	8	63	298	9	
850	1519	21	1.2	6.9	9	49	281	3	850	1521	1	9.3	9.8	1	72	286	7	850	1542	0	4.1	11.0	9	63	260	4	
1016	* 67		11.3	4.3					1016	* 59		11.2	2.9						950	* 633		6.2	5.1				

# UPPER AIR

# DECEMBER 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 - SPAIN</b> <b>PALMA DE MALLORCA</b> 08301 DEC 1999 3933N 00237E OB 3									<b>EUROPE - SPAIN</b> <b>MURCIA</b> 08430 DEC 1999 3800N 00110W OB 3									<b>EUROPE - GIBRALTAR</b> <b>GIBRALTAR</b> 08495 DEC 1999 3609N 00520W OB 3								
030	23565	21	-61.6						030	23577		-62.5	29.8	9	98	279	14	030	23621	1	-60.7	28.2	1	93	272	13
050	20353	4	-63.4		4	92	278	11	050	20437	6	-63.4	29.7	9	67	292	7	050	20464	0	-63.8	24.3	0	85	284	9
100	16029	0	-62.8		0	89	286	14	100	16194	3	-63.8	27.7	9	88	290	14	100	16236	0	-64.6	19.5	0	89	286	13
150	13650	0	-60.2		0	71	294	13	150	13695	2	-61.2	27.6	9	75	299	14	150	13748	0	-62.4	15.1	0	77	290	14
200	11860	0	-59.6		0	66	307	15	200	11911	2	-60.4	19.5	9	50	317	12	200	11967	0	-60.8	11.4	0	53	305	12
300	9256	0	-43.9	12.9	0	58	323	15	300	9313	2	-45.5	16.1	9	55	317	13	300	9365	0	-45.0	11.7	0	45	320	10
500	5661	0	-18.5	15.7	0	66	311	12	500	5703	2	-18.1	20.1	9	64	320	11	500	5740	0	-16.8	16.9	0	58	324	10
700	3070	0	-3.2	13.7	0	69	309	8	700	3107	2	-1.6	22.3	9	63	316	8	700	3130	0	.0	19.3	0	60	319	6
850	1515	0	3.8	9.4	0	63	311	6	850	1540	2	5.1	14.6	9	56	299	6	850	1553	0	6.5	14.9	0	36	316	4
1021	* 6		13.2	5.5					1016	* 62		11.7	7.5					1025	* 4		14.8	5.0				
<b>EUROPE - GERMANY</b> <b>SCHLESWIG</b> 10035 DEC 1999 5432N 00933E OB 3									<b>EUROPE - GERMANY</b> <b>GREIFSWALD</b> 10184 DEC 1999 5406N 01324E OB 3									<b>EUROPE - GERMANY</b> <b>BERGEN</b> 10238 DEC 1999 5249N 00956E OB								
030	23074	0	-70.3		3	96	273	33	030	23100	0	-70.1						030	23295	6	-67.5					
050	20012	0	-65.9		3	95	276	27	050	20029	0	-65.7						050	20157	2	-64.2		8	97	278	26
100	15743	0	-59.4	27.1	2	91	276	22	100	15755	0	-59.4						100	15845	0	-59.1	11.2	2	93	278	24
150	13193	0	-56.6	25.9	1	88	278	23	150	13196	0	-56.0						150	13292	0	-56.2	11.1	1	89	285	23
200	11364	0	-55.9	23.4	1	82	282	24	200	11365	0	-55.6						200	11457	0	-55.9	10.6	1	81	287	25
300	8769	0	-51.9	14.3	0	77	282	25	300	8771	0	-52.1						300	8851	0	-50.8	9.6	0	75	287	25
500	5310	0	-30.2	12.0	0	81	276	18	500	5318	0	-30.3	10.4					500	5367	0	-28.9	9.8	0	84	280	20
700	2831	0	-13.2	8.3	0	83	269	14	700	2839	0	-13.4	9.8					700	2871	0	-12.6	9.1	0	88	271	15
850	1325	0	-4.2	4.0	0	78	266	12	850	1334	0	-4.2	5.6					850	1360	0	-3.9	3.7	0	86	268	15
997	* 48		2.5	1.4					1004	* 6		2.7	1.5					998	* 69		3.4	1.9				
<b>EUROPE - GERMANY</b> <b>LINDENBERG</b> 10393 DEC 1999 5213N 01407E OB 3									<b>EUROPE - GERMANY</b> <b>ESSEN</b> 10410 DEC 1999 5124N 00658E OB 3									<b>EUROPE - GERMANY</b> <b>DRESDEN</b> 10486 DEC 1999 5107N 01341E OB 3								
030	23162	0	-69.0		1	98	269	31	030	23245	0	-68.2		6	96	276	27	030	23217	0	-68.3		2	97	268	29
050	20080	0	-65.5		0	97	271	25	050	20136	0	-64.9		1	96	280	23	050	20128	0	-64.8		2	97	272	23
100	15802	0	-59.4		0	95	272	23	100	15844	0	-60.0	25.0	1	93	284	22	100	15852	0	-59.6	28.1	1	96	273	22
150	13249	0	-56.8		0	92	274	23	150	13305	0	-57.0	23.7	0	90	287	25	150	13299	0	-56.9	26.1	1	93	275	23
200	11423	0	-56.0		0	85	279	24	200	11484	0	-56.9	19.6	0	84	292	28	200	11474	0	-56.6	21.1	0	86	279	25
300	8832	0	-51.8		0	77	277	25	300	8890	0	-50.3	12.9	0	77	294	28	300	8881	0	-51.2	12.4	0	79	275	26
500	5361	0	-28.8	12.7	0	83	277	19	500	5397	0	-27.5	10.9	0	81	289	20	500	5395	0	-28.1	11.6	0	82	276	18
700	2872	0	-12.9	10.2	0	88	272	14	700	2895	0	-11.7	9.6	0	87	279	16	700	2898	0	-12.1	12.3	0	86	273	14
850	1367	0	-4.2	4.1	0	88	267	13	850	1383	0	-3.5	3.8	0	86	268	13	850	1389	0	-3.7	5.7	0	88	269	13
995	* 104		2.3	2.5					991	* 153		3.8	2.3					983	* 232		2.4	4.1				



# UPPER AIR

# DECEMBER 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>MEININGEN</b> 10548 DEC 1999 5034N 01023E OB 3									<b>EUROPE - GERMANY</b> <b>STUTTGART/SCHNARRENBERG</b> 10739 DEC 1999 4850N 00912E OB 3									<b>EUROPE - GERMANY</b> <b>MUENCHEN-OBERSCHLEISSHEIM</b> 10868 DEC 1999 4815N 01133E OB 3								
030	23271	0	-67.5		5	97	274	26	030	23323	0	-66.8		0	97	272	25	030	23342	0	-66.5		0	98	271	25
050	20157	0	-64.7		1	97	275	22	050	20211	0	-64.2		0	96	276	21	050	20232	0	-63.9		0	97	272	20
100	15867	0	-60.0		1	95	277	23	100	15918	0	-60.3	27.6	0	94	276	21	100	15944	0	-60.2	26.2	0	95	276	21
150	13326	0	-57.3		0	91	280	24	150	13379	0	-57.7	25.4	0	90	282	24	150	13398	0	-57.4	23.9	0	91	278	23
200	11504	0	-56.5		0	85	285	27	200	11562	0	-57.2	20.4	0	83	288	25	200	11577	0	-56.8	19.3	0	84	286	25
300	8910	0	-50.5		0	79	285	26	300	8968	0	-49.8	14.5	0	75	292	26	300	8984	0	-49.7	12.8	0	74	286	25
500	5416	0	-27.5	9.2	0	83	279	19	500	5458	0	-26.3	12.0	0	78	283	17	500	5466	0	-25.8	9.3	0	79	280	18
700	2913	0	-11.5	10.4	0	87	270	15	700	2944	0	-10.8	9.3	0	83	273	13	700	2951	0	-10.4	8.6	0	87	275	14
850	1401	0	-3.9	3.6	0	82	263	13	850	1427	0	-2.7	6.6	0	84	267	12	850	1432	0	-2.1	6.4	0	89	269	13
958	* 453		1.0	1.9					977	* 315		3.0	3.8					957	* 489		1.3	3.0				
<b>EUROPE - AUSTRIA</b> <b>WIEN/HOHE WARTE</b> 11035 DEC 1999 4814N 01621E OB 3									<b>EUROPE - CZECH REPUBLIC</b> <b>PRAHA-LIBUS</b> 11520 DEC 1999 5000N 01427E OB 3									<b>EUROPE - SLOVAKIA</b> <b>POPRAD-GANOVCE</b> 11952 DEC 1999 4902N 02019E OB 3								
030	23315	9	-65.9		9	97	270	23	030	23257	0	-67.5		0	98	271	28	030	23274	0	-67.1		0	97	268	27
050	20203	2	-64.0		2	97	270	21	050	20156	0	-64.7		0	97	272	23	050	20177	0	-64.4		0	97	267	21
100	15917	0	-60.0		0	94	273	21	100	15874	0	-59.6		0	95	276	22	100	15893	0	-60.2		0	95	266	21
150	13369	0	-56.9		0	92	275	25	150	13327	0	-57.1		0	93	277	24	150	13344	0	-57.0		0	93	270	23
200	11550	0	-57.4		0	84	279	23	200	11504	0	-56.6		0	86	279	25	200	11521	0	-56.9		0	85	271	24
300	8966	0	-50.3		0	72	273	23	300	8916	0	-50.8		0	77	278	26	300	8939	0	-51.0		0	72	267	23
500	5453	0	-25.6	8.9	0	80	274	17	500	5420	0	-27.1	9.5	0	83	279	19	500	5434	0	-26.1	11.4	0	77	267	16
700	2938	0	-10.6	10.2	0	79	288	12	700	2918	0	-11.4	9.2	0	85	276	14	700	2922	0	-10.8	13.9	0	74	275	10
850	1420	0	-2.3	6.8	0	72	287	10	850	1406	0	-3.4	4.2	0	84	270	12	850	1409	0	-4.1	6.4	0	79	268	7
990	* 200		2.0	4.1					976	* 303		1.6	3.3					929	* 706		-1.9	3.5				
<b>EUROPE - POLAND</b> <b>LEBA</b> 12120 DEC 1999 5445N 01732E OB 3									<b>EUROPE - POLAND</b> <b>LEGIONOWO</b> 12374 DEC 1999 5224N 02058E OB 3									<b>EUROPE - POLAND</b> <b>WROCLAW I</b> 12425 DEC 1999 5108N 01659E OB 3								
030	23032	6	-70.8		7	97	267	34	030	23125	0	-69.4		0	98	267	32	030	23200	8	-68.0	28.3	8	99	271	31
050	19973	5	-66.4		6	96	266	28	050	20051	0	-65.7		0	97	269	27	050	20090	3	-65.0	28.7	3	96	266	25
100	15723	4	-59.3		5	94	271	22	100	15787	0	-59.9		0	95	266	24	100	15811	1	-59.6	29.9	2	96	273	22
150	13167	4	-56.5		5	91	271	23	150	13234	0	-56.5		0	93	268	24	150	13263	0	-57.0	29.1	0	94	273	25
200	11341	4	-56.2		5	85	274	22	200	11409	0	-56.8		0	86	267	24	200	11441	0	-56.5	23.9	1	86	276	24
300	8752	4	-52.3		5	69	274	21	300	8827	0	-52.0		0	77	265	25	300	8857	0	-51.6	10.9	0	71	276	25
500	5309	4	-30.9		4	82	271	15	500	5354	0	-28.9		0	80	266	17	500	5376	0	-28.7	9.9	0	84	273	18
700	2836	4	-13.8	8.5	4	79	274	12	700	2869	0	-13.1	10.2	0	83	265	12	700	2887	0	-12.8	7.9	0	86	277	14
850	1334	4	-4.5	6.2	4	77	265	11	850	1365	0	-4.7	5.0	0	84	262	12	850	1382	0	-4.5	5.5	0	88	280	13
1004	* 2		1.4	1.7					997	* 96		1.5	3.0					996	* 116		1.4	3.2				

# UPPER AIR

# DECEMBER 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>EUROPE - HUNGARY</b> BUDAPEST/LORINC 12843 DEC 1999 4726N 01911E OB 3									<b>EUROPE - HUNGARY</b> SZEGED 12982 DEC 1999 4615N 02006E OB									<b>EUROPE - CROATIA</b> ZAGREB/MAKSIMIR 14240 DEC 1999 4549N 01602E OB 3									
030	23327	6	-66.6		7	98	268	24	030	23352	6	-66.8		9	99	269	25	030	23376	1	-65.3		1	98	270	21	
050	20216	2	-64.0		4	98	269	21	050	20254	4	-64.5		8	97	268	21	050	20254	0	-63.5		0	96	268	18	
100	15937	2	-60.5		2	94	266	20	100	15983	1	-61.0		3	92	267	21	100	15973	0	-60.6		0	93	269	18	
150	13392	1	-57.3		3	91	271	22	150	13446	0	-57.3		2	89	268	21	150	13433	0	-57.6		0	90	275	21	
200	11571	0	-57.4		2	83	274	24	200	11621	0	-56.8		1	83	272	25	200	11616	0	-57.6		0	81	279	23	
300	8984	0	-50.1	10.8	0	70	273	21	300	9024	0	-49.1	11.2	3	73	265	22	300	9026	0	-49.3		0	69	276	20	
500	5466	0	-25.1	10.5	1	77	266	16	500	5495	0	-24.4	9.9	1	81	265	17	500	5498	0	-24.1	10.1	0	70	269	13	
700	2944	0	-10.0	11.3	1	75	280	10	700	2964	0	-9.1	9.9	2	71	271	9	700	2965	0	-8.5	10.7	0	53	277	7	
850	1425	0	-2.7	8.9	3	61	282	7	850	1439	0	-2.0	6.9	1	60	270	6	850	1439	0	-2.1	8.0	0	38	261	5	
998	* 139		.9	3.1					1006	* 83		-.2	.9						1001	* 128		1.9	2.8				
<b>EUROPE - ROMANIA</b> CLUJ-NAPOCA 15120 DEC 1999 4647N 02334E OB 1									<b>EUROPE - ROMANIA</b> BUCURESTI/IMH 15420 DEC 1999 4430N 02608E OB 1									<b>EUROPE - ROMANIA</b> CONSTANTA 15480 DEC 1999 4413N 02838E OB 1									
030									030	23384	17	-66.6		9	99	265	28	030									
050									050	20310	5	-63.3		6	98	265	20	050									
100	15961	1	-60.9		3	93	266	19	100	16036	3	-61.5		4	95	270	20	100	16011	9	-61.9		9	90	265	19	
150	13422	1	-57.8		4	90	267	22	150	13510	2	-58.9		3	91	265	22	150	13477	8	-59.2		8	90	260	22	
200	11604	1	-56.9		3	87	271	22	200	11704	2	-58.3		3	87	265	24	200	11680	4	-58.8		4	90	265	25	
300	9014	1	-49.6		2	78	261	23	300	9112	2	-48.8	11.1	3	78	265	22	300	9089	1	-49.1	10.7	1	80	260	24	
500	5487	1	-24.2	10.7	2	84	254	16	500	5563	2	-22.5	8.4	3	80	250	16	500	5551	0	-23.1	9.1	0	80	255	16	
700	2954	1	-8.8	7.0	2	81	272	12	700	3006	0	-6.5	10.1	1	83	260	12	700	3001	0	-6.8	8.6	0	80	240	12	
850	1432	1	-2.2	4.7	3	68	261	6	850	1468	0	1.0	10.1	1	66	260	8	850	1463	0	.9	8.6	0	70	245	8	
966	* 413		-1.0	.9					1006	* 91		.5	1.3						1016	* 14		4.9	1.5				
<b>EUROPE - BULGARIA</b> SOFIA (OBSERV.) 15614 DEC 1999 4239N 02323E OB 0									<b>EUROPE - ITALY</b> MILANO/LINATE 16080 DEC 1999 4526N 00917E OB 3									<b>EUROPE - ITALY</b> PRATICA DI MARE 16245 DEC 1999 4139N 01226E OB 3									
030									030	23436	1	-65.3	26.0	1	96	270	20	030	23506	5	-63.1	29.1	5	98	269	16	
050									050	20305	0	-63.2	26.4	0	95	275	17	050	20367	4	-63.1	28.8	4	96	277	13	
100	16111	13	-60.6	8.0	9	90	257	16	100	16021	0	-61.2	25.7	0	91	278	18	100	16100	2	-62.0	27.7	2	88	274	14	
150	13575	10	-56.6	7.6	9	83	259	18	150	13488	0	-58.5	24.2	0	88	282	22	150	13571	1	-59.3	24.9	1	79	280	17	
200	11756	7	-57.6	6.4	7	77	254	21	200	11673	0	-57.4	17.7	0	82	290	25	200	11762	1	-58.3	19.5	1	71	289	20	
300	9142	1	-47.3	6.0	1	69	255	22	300	9072	0	-47.7	12.9	0	72	295	24	300	9160	1	-47.0	14.8	1	60	287	18	
500	5565	0	-21.3	8.1	0	74	259	15	500	5521	0	-23.2	12.5	0	71	292	14	500	5582	1	-21.3	16.1	1	65	281	13	
700	3003	0	-5.3	7.8	0	71	255	10	700	2978	0	-7.0	12.9	0	57	280	7	700	3018	1	-4.9	15.5	1	66	287	8	
850	1459	0	1.4	6.2	0	42	271	3	850	1442	0	.2	11.8	0	48	273	4	850	1466	1	2.8	9.7	1	57	265	5	
946	* 595		4.7	6.6					1003	* 103		3.4	4.3						1012	* 32		10.6	6.5				

# UPPER AIR

# DECEMBER 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 - ITALY BRINDISI</b> 16320 DEC 1999 4039N 01757E OB 3									<b>EUROPE - ITALY TRAPANI/BIRGI</b> 16429 DEC 1999 3755N 01230E OB 3									<b>EUROPE - ITALY CAGLIARI/ELMAS</b> 16560 DEC 1999 3915N 00904E OB /								
030	23517	0	-63.0	27.9	0	98	267	20	030	23594	0	-61.5	28.9	0	97	265	17	030	23550	12	-62.9	30.0	9	98	270	19
050	20376	0	-62.6	27.9	0	97	268	15	050	20431	0	-62.3	28.5	0	93	265	13	050	20407	10	-63.8	28.9	9	96	272	15
100	16106	0	-61.6	26.7	0	94	264	15	100	16160	0	-62.7	27.4	0	89	273	16	100	16158	7	-63.0	28.6	8	91	280	15
150	13576	0	-58.1	24.5	0	87	267	21	150	13640	0	-59.9	24.7	0	82	276	20	150	13653	7	-61.1	24.8	8	79	293	18
200	11768	0	-58.3	17.6	0	75	271	23	200	11842	0	-58.9	19.0	0	69	281	22	200	11869	7	-60.4	18.9	8	65	308	19
300	9166	0	-47.1	13.4	0	64	269	20	300	9229	0	-45.7	15.7	0	59	286	19	300	9275	7	-45.9	15.4	8	54	312	16
500	5593	0	-20.8	13.4	0	70	264	14	500	5633	0	-18.9	17.9	0	60	281	13	500	5668	6	-17.5	18.8	8	59	304	12
700	3023	0	-4.4	12.5	0	67	261	8	700	3045	0	-3.1	18.8	0	67	285	10	700	3068	6	-1.3	20.8	8	72	294	11
850	1470	0	3.5	7.4	0	56	263	6	850	1486	0	4.2	10.6	0	63	278	7	850	1503	6	4.6	12.3	8	75	297	9
1015	* 10		12.5	5.4					1016	* 14		13.3	2.0					1019	* 5		12.5	4.7				
<b>EUROPE - TURKEY SAMSUN</b> 17030 DEC 1999 4117N 03618E OB 3									<b>EUROPE - TURKEY ISTANBUL/GOZTEPE</b> 17062 DEC 1999 4058N 02905E OB 3									<b>EUROPE - TURKEY ANKARA/CENTRAL</b> 17130 DEC 1999 3957N 03253E OB 3								
030	23605	21	-64.6		9	99	260	12	030	23522	11	-63.8		9	99	260	19	030	23553	5	-62.9		5	97	266	18
050	20378	8	-64.2		8	95	260	9	050	20386	11	-63.8		9	99	260	15	050	20408	4	-63.2		4	97	257	18
100	16127	5	-62.5		5	91	260	10	100	16121	11	-62.1		9	93	255	14	100	16133	2	-62.5		2	95	255	20
150	13604	3	-60.1		3	88	260	11	150	13596	9	-59.5		9	89	255	16	150	13615	1	-59.9		1	90	257	20
200	11809	3	-60.0		3	85	265	11	200	11794	6	-59.4		7	85	250	18	200	11818	1	-59.7		1	87	263	18
300	9204	1	-47.9		1	83	260	10	300	9195	5	-47.5		6	78	245	19	300	9215	0	-46.7		0	77	267	16
500	5632	0	-20.6	12.7	0	76	260	7	500	5611	3	-21.0	13.2	4	76	245	13	500	5636	0	-19.9	10.5	0	76	255	12
700	3062	0	-3.5	15.0	0	91	250	5	700	3045	1	-3.3	12.2	2	92	235	11	700	3061	0	-3.1	9.7	0	77	248	9
850	1502	0	5.3	12.7	0	88	245	4	850	1492	1	3.8	8.5	2	78	235	7	850	1503	0	3.8	6.7	0	59	227	4
1019	* 4		10.6	10.1					1014	* 33		10.2	3.1					917	* 891		2.5	3.3				
<b>EUROPE - TURKEY IZMIR/GUZELYALT</b> 17220 DEC 1999 3826N 02710E OB 3									<b>EUROPE - TURKEY ISPARTA</b> 17240 DEC 1999 3745N 03033E OB 3									<b>EUROPE - TURKEY DIYARBAKIR</b> 17280 DEC 1999 3753N 04012E OB 3								
030	23562	11	-63.0		9	99	256	24	030	23579	15	-62.6		9	95	255	19	030	23606	28	-60.3		9	99	255	23
050	20407	7	-63.8		9	99	250	22	050	20434	9	-62.8		9	94	254	18	050	20437	25	-65.2		9	93	245	13
100	16153	4	-62.9		6	96	251	24	100	16175	5	-63.3		5	91	251	22	100	16194	19	-64.2		9	90	250	19
150	13626	2	-59.9		4	89	259	25	150	13662	4	-60.3		5	91	254	22	150	13693	15	-61.7		9	86	250	20
200	11828	2	-59.0		3	85	260	23	200	11863	3	-59.4		3	84	258	22	200	11894	14	-59.7		9	79	260	20
300	9206	0	-46.5		0	78	255	22	300	9241	1	-45.9		1	77	252	21	300	9273	11	-46.1		9	70	250	16
500	5632	0	-19.4	11.5	0	82	252	14	500	5659	0	-18.8	12.3	1	78	246	14	500	5674	8	-19.2	10.2	8	67	250	10
700	3056	0	-2.7	9.4	0	82	233	9	700	3074	0	-2.4	12.0	2	69	230	9	700	3088	8	-2.5	10.6	8	50	240	5
850	1493	0	5.1	6.1	0	78	208	7	850	1523	0	4.8	7.3	6	67	192	4	850	1525	8	4.9	9.3	8	33	190	2
1015	* 29		11.8	4.8					906	* 997		2.5	2.7					946	* 677		2.5	5.3				

# UPPER AIR

# DECEMBER 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
EUROPE - CYPRUS ATHALASSA 17607 DEC 1999 3509N 03324E OB 2									EUROPE - RUSSIAN FEDERATION (EUROPE) MURMANSK 22113 DEC 1999 6859N 03307E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK 22550 DEC 1999 6437N 04030E OB 3										
030									030	22307	16	-79.1			9	91	268	22	030	22501	29	-76.9			9	99	259	30
050									050	19369	9	-75.8			9	91	265	17	050	19564	23	-72.1			9	98	264	27
100	16248	2	-62.7		1	98	260	24	100	15287	4	-66.7			4	88	261	14	100	15407	13	-62.9			9	96	255	21
150	13746	1	-61.2		0	93	261	26	150	12807	1	-62.0			1	82	256	12	150	12919	4	-60.8			5	87	257	17
200	11952	1	-58.8		0	85	262	27	200	11027	1	-61.1			1	74	250	12	200	11132	3	-60.6	12.1	3	76	250	15	
300	9334	0	-44.1		0	71	264	19	300	8502	1	-58.0			1	59	242	11	300	8604	2	-56.6	8.3	2	68	255	14	
500	5713	0	-17.3	15.0	0	62	261	9	500	5124	1	-35.5	9.9		1	48	243	7	500	5194	2	-32.6	7.1	2	62	251	10	
700	3104	0	.7	18.0	0	59	246	5	700	2701	1	-18.9	9.8		1	22	276	2	700	2737	2	-15.4	5.9	2	64	239	9	
850	1527	0	8.2	12.0	0	33	256	2	850	1230	1	-10.0	5.5	1	28	293	3	850	1254	2	-8.1	3.2	3	53	223	6		
1000	* 161		19.0	10.0					980	* 121		-9.5	2.1						997	* 4		-5.2	1.9					
EUROPE - RUSSIAN FEDERATION (EUROPE) ST. PETERBURG (VOEJKOVO) 26063 DEC 1999 5957N 03042E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) VOLOGDA 27037 DEC 1999 5919N 03955E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) KAZAN' 27595 DEC 1999 5536N 04917E OB 3										
030	22814	3	-73.7		5	97	264	38	030	23113	27	-70.0			9	99	255	34	030	23276	26	-67.9	7.6	9	97	267	28	
050	19790	2	-69.1		2	95	261	30	050	19953	17	-67.0			9	97	262	32	050	20131	18	-65.4	7.4	9	96	262	27	
100	15565	1	-61.9		1	92	261	22	100	15642	6	-61.4			6	94	261	25	100	15819	12	-60.8	6.4	9	95	262	23	
150	13040	1	-58.7		1	88	256	20	150	13106	5	-58.7			5	88	257	21	150	13270	10	-58.5	5.8	9	93	255	23	
200	11230	1	-58.4		1	78	255	17	200	11282	3	-57.1			3	80	257	20	200	11464	9	-59.8	4.9	9	86	255	21	
300	8671	1	-54.8		1	66	252	16	300	8714	3	-54.3			2	66	255	16	300	8910	9	-52.3	4.9	9	74	251	19	
500	5239	1	-31.2	6.9	1	67	251	12	500	5275	1	-31.4	6.2		1	69	250	13	500	5420	9	-27.6	7.1	9	77	248	15	
700	2772	1	-14.6	5.9	1	69	252	11	700	2804	1	-14.6	4.0		1	72	246	12	700	2924	9	-12.7	8.8	9	67	226	8	
850	1277	1	-6.9	3.8	1	71	250	10	850	1308	1	-6.0	3.8	1	75	244	11	850	1422	9	-6.3	7.3	9	55	221	7		
990	* 78		-1.7	2.2					987	* 126		-4.5	2.0						1004	* 116		-7.4	2.4					
EUROPE - RUSSIAN FEDERATION (EUROPE) MOSKVA (DOLGOPRUDNYJ) 27612 DEC 1999 5545N 03757E OB 0									EUROPE - RUSSIAN FEDERATION (EUROPE) ROSTOV-NA-DONU 34731 DEC 1999 4715N 03949E OB 3									EUROPE - GEORGIA TBILISI 37549 DEC 1999 4141N 04457E OB 3										
030	22984	17	-70.6	9.2	9	93	262	32	030	23120	30	-69.7			9	99	250	28	030	23505	17	-63.1		9	98	260	17	
050	19955	9	-67.2	8.5	9	91	261	28	050	20127	28	-63.8			9	98	245	21	050	20355	12	-63.9		9	98	255	17	
100	15711	6	-61.0	8.3	7	94	257	25	100	15865	18	-62.3			9	96	260	22	100	16106	8	-62.5		8	98	255	21	
150	13170	3	-57.9	7.8	4	91	257	23	150	13365	17	-60.2			9	94	257	24	150	13602	6	-60.7		6	92	255	22	
200	11403	2	-57.7	6.7	2	84	257	21	200	11572	17	-60.2			9	95	260	27	200	11809	4	-59.8		4	81	263	22	
300	8780	2	-52.6	6.2	2	73	262	21	300	9021	18	-52.4			9	89	257	27	300	9223	3	-47.8		3	76	266	17	
500	5318	2	-30.0	7.9	2	78	253	15	500	5511	16	-23.7	7.6		9	90	253	23	500	5649	3	-20.8	10.1	3	87	258	13	
700	2843	2	-13.7	7.7	2	72	249	11	700	2973	16	-6.3	9.3		9	95	250	17	700	3082	3	-4.8	9.9	3	92	264	8	
850	1342	2	-5.9	5.7	2	68	242	11	850	1433	16	.8	7.7		9	95	239	16	850	1532	3	2.6	9.2	3	58	274	3	
984	* 200		-2.7	2.1					1005	* 78		4.1	1.8						967	* 490		2.4	3.8					

# UPPER AIR

# DECEMBER 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 - LEBANON</b> <b>BEYROUTH (AEROPORT)</b> 40100 DEC 1999 3349N 03529E OB 3									<b>EUROPE - ISRAEL</b> <b>BET DAGAN</b> 40179 DEC 1999 3200N 03449E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OSTROV DIKSON</b> 20674 DEC 1999 7330N 08024E OB 3								
030	23671	13	-59.2	31.0	9	96	265	16	030									030	22423	28	-75.8		9	90	284	15
050	20502	6	-63.9	29.1	8	91	263	13	050	20503	4	-63.6						050	19381	16	-73.6		9	87	269	12
100	16278	5	-64.9	28.0	7	93	258	25	100	16302	0	-66.0		3	93	253	25	100	15233	12	-66.8		9	80	265	10
150	13783	4	-61.1	24.8	8	92	262	32	150	13816	0	-61.2		0	93	255	31	150	12759	10	-63.0		9	58	276	7
200	11990	4	-58.4	18.6	7	90	260	31	200	12019	0	-57.7		0	88	257	30	200	10974	10	-60.8		9	56	255	7
300	9364	3	-43.1	14.3	5	89	256	25	300	9384	0	-42.4	9.9	0	81	254	23	300	8483	8	-59.1		8	26	234	5
500	5724	3	-16.1	22.3	6	81	252	14	500	5738	0	-15.6	14.9	0	71	249	11	500	5155	6	-36.8	4.0	7	46	240	6
700	3109	3	.2	22.5	6	58	242	5	700	3115	0	.7	16.5	0	38	244	3	700	2736	5	-20.8	4.2	5	36	227	4
850	1530	3	8.7	16.9	5	70	216	4	850	1533	0	9.3	12.6	0	40	200	2	850	1279	4	-13.4	2.7	5	43	213	5
1016	* 19		15.4	10.0					1016	* 35		15.8	8.1					999	* 47		-15.8	2.2				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>NAR'JAN-MAR</b> 23205 DEC 1999 6738N 05302E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SALEHARD</b> 23330 DEC 1999 6632N 06640E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>TURUHANSK</b> 23472 DEC 1999 6547N 08756E OB 3								
030	22385	27	-78.8		9	99	241	18	030									030	22503	28	-78.0	5.6	9	99	280	17
050	19445	27	-73.7		9	99	240	17	050	19630	30	-73.9	8.0	9	99	230	21	050	19516	12	-72.1	5.8	9	94	277	25
100	15308	27	-64.4		9	98	231	13	100	15418	27	-63.9	6.1	9	93	237	14	100	15409	3	-64.1	5.3	3	90	285	18
150	12788	27	-59.0		9	97	229	10	150	12900	27	-58.5	5.3	9	85	231	14	150	12913	1	-61.9	4.8	1	82	289	14
200	10973	27	-56.5		9	99	226	10	200	11090	27	-58.0	3.9	9	88	230	14	200	11129	1	-61.2	4.2	1	71	287	12
300	8420	27	-58.6		9	89	203	11	300	8535	27	-55.5	2.9	9	67	223	11	300	8604	1	-57.6	3.6	1	53	286	10
500	5035	27	-33.5	6.3	9	92	227	9	500	5116	26	-34.6	4.2	9	95	210	10	500	5225	1	-35.7	4.5	1	43	268	6
700	2586	26	-17.7	4.3	9	65	250	7	700	2680	26	-18.7	1.8	9	94	215	10	700	2810	1	-20.9	4.2	1	52	252	6
850	1106	26	-8.6	2.0	9	73	251	7	850	1210	26	-13.3	1.2	9	90	212	9	850	1356	1	-14.9	3.1	1	64	227	7
978	* 12		-3.9	2.4					993	* 16		-12.0	1.3					1012	* 38		-16.7	3.7				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SYKTYVKAR</b> 23804 DEC 1999 6140N 05051E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HANTY-MANSIJSK</b> 23933 DEC 1999 6101N 06902E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OLENEK</b> 24125 DEC 1999 6830N 11226E OB 3								
030	22709	10	-76.4		9	96	263	40	030									030	22320	24	-76.2	5.9	9	94	259	24
050	19700	7	-71.6		7	97	262	32	050	19420	30	-75.7						050	19356	17	-72.7	6.3	9	82	269	15
100	15548	6	-64.0		6	94	259	24	100	15435	29	-63.7		9	92	276	28	100	15254	8	-66.4	5.8	8	59	284	7
150	13040	5	-60.2		5	90	260	21	150	13046	26	-59.1		9	86	273	21	150	12790	7	-63.1	5.5	7	50	301	6
200	11241	5	-59.7	13.1	5	79	262	19	200	11309	24	-59.8		9	82	267	21	200	11026	7	-63.2	4.7	7	37	317	5
300	8684	4	-55.0	9.7	4	69	261	17	300	8728	19	-55.3		9	68	275	15	300	8530	7	-59.3	4.4	7	26	346	5
500	5268	4	-32.7	8.0	4	72	254	13	500	5313	15	-32.5	5.6	9	61	294	13	500	5178	6	-37.6	5.7	6	31	330	5
700	2816	3	-16.1	6.4	3	65	249	9	700	2858	15	-16.7	5.6	9	54	296	7	700	2786	6	-22.9	6.6	6	26	290	3
850	1327	2	-7.9	6.0	2	68	243	9	850	1380	15	-10.7	4.1	9	51	270	5	850	1347	6	-16.9	4.4	7	41	234	4
992	* 116		-7.5	2.7					1012	* 46		-14.4	2.6					992	* 220		-31.3	2.9				

# UPPER AIR

# DECEMBER 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> VERHOJANSK 24266 DEC 1999 6734N 13324E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> TURA 24507 DEC 1999 6416N 10014E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> JAKUTSK 24959 DEC 1999 6201N 12943E OB 0								
030									030	22578	11	-75.2	5.5	9	93	279	26	030	22832	21	-60.9	10.8	9	94	238	38
050	19376	24	-71.0	5.3	9	85	244	9	050	19578	8	-71.8	5.5	8	92	287	19	050	19645	12	-61.7	8.8	9	89	248	25
100	15233	22	-64.2	5.8	9	29	306	2	100	15431	8	-65.0	5.4	8	90	302	14	100	15385	5	-59.7	7.0	5	74	252	12
150	12730	22	-60.4	5.6	9	34	35	2	150	12941	8	-61.9	4.9	8	86	310	12	150	12880	5	-59.1	6.9	5	52	255	7
200	10930	22	-59.2	5.0	9	40	64	4	200	11159	8	-62.0	4.2	8	81	315	10	200	11041	5	-59.3	5.6	5	34	256	5
300	8393	22	-58.6	4.4	9	34	119	6	300	8648	8	-58.6	4.1	8	56	329	7	300	8525	5	-59.3	5.0	5	28	239	5
500	5086	22	-42.8	4.4	9	58	109	7	500	5286	8	-36.7	5.2	8	38	307	4	500	5165	5	-39.1	5.4	5	21	246	3
700	2748	22	-29.1	4.4	9	65	119	6	700	2874	8	-21.1	4.6	8	56	286	5	700	2794	4	-24.8	5.2	4	13	248	1
850	1350	22	-25.6	4.3	9	55	116	2	850	1420	8	-14.8	3.8	8	58	279	5	850	1367	4	-20.0	3.4	7	10	232	1
1011	* 138		-48.6	3.1					1003	* 168		-29.6	3.1					1011	* 101		-33.2	3.9				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> VERHNEE DUBROVO 28445 DEC 1999 5644N 06104E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> OMSK 28698 DEC 1999 5456N 07324E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> EMEL'JANOVO 29572 DEC 1999 5611N 09237E OB 0								
030	23033	11	-72.2	6.3	9	97	271	38	030	23225	14	-68.1	6.0	9	98	272	36	030	22940	27	-70.1	6.0	9	97	295	34
050	19977	4	-68.0	6.8	4	96	269	32	050	20128	8	-66.0	3.9	9	98	275	29	050	19902	18	-66.4	6.4	9	96	286	31
100	15741	3	-62.2	6.3	3	96	270	26	100	15863	7	-61.3	3.4	7	95	276	24	100	15632	6	-61.4	5.4	6	93	294	23
150	13219	3	-59.1	5.7	3	94	269	26	150	13318	6	-58.2	2.6	7	94	277	24	150	13092	4	-58.5	4.8	4	91	294	22
200	11413	3	-59.1	4.8	3	93	268	27	200	11508	5	-58.8	2.8	5	91	283	24	200	11282	4	-58.8	4.1	4	89	294	22
300	8866	3	-53.5	4.5	3	85	264	27	300	8937	4	-52.0	2.7	4	87	283	22	300	8743	3	-56.3	3.6	3	80	288	22
500	5402	2	-29.1	5.8	3	77	261	17	500	5445	2	-27.4	6.2	2	88	282	19	500	5354	2	-34.1	4.4	2	79	273	16
700	2916	3	-13.0	7.9	3	78	259	11	700	2948	2	-12.8	7.2	2	83	276	14	700	2921	2	-18.7	4.5	2	81	269	12
850	1416	2	-6.2	6.5	3	76	259	11	850	1449	2	-6.8	5.5	5	81	273	10	850	1454	2	-12.1	3.9	2	83	262	12
982	* 290		-7.5	3.1					1012	* 90		-8.2	1.0					999	* 206		-12.6	3.3				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> KIRENSK 30230 DEC 1999 5746N 10804E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> CHITA 30758 DEC 1999 5205N 11329E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> ALDAN 31004 DEC 1999 5837N 12522E OB 3								
030	22952	18	-64.6	7.5	9	94	271	34	030	23225	20	-55.9		9	97	262	30	030	22911	21	-60.0	8.2	9	91	246	33
050	19818	11	-64.2	7.3	9	90	280	25	050	19970	17	-57.5		9	95	276	26	050	19707	19	-59.5	7.3	9	86	255	24
100	15545	10	-60.3	6.5	9	86	297	18	100	15597	10	-56.9		9	89	288	20	100	15393	16	-58.6	6.5	9	81	261	16
150	13005	10	-58.5	5.4	9	80	303	16	150	13034	4	-56.1		4	85	298	19	150	12841	15	-57.1	5.3	9	71	270	11
200	11196	9	-59.7	4.5	9	77	311	16	200	11206	3	-57.2		3	82	306	18	200	11024	15	-57.8	4.6	9	65	280	9
300	8663	9	-57.2	4.1	9	72	311	17	300	8663	3	-57.6		3	72	318	18	300	8481	14	-59.1	3.8	9	43	266	7
500	5288	8	-36.4	5.5	8	70	302	11	500	5298	3	-36.9	5.8	3	74	322	13	500	5151	15	-40.7	3.8	9	43	288	6
700	2881	8	-22.1	4.2	8	69	287	9	700	2896	3	-21.9	5.0	3	80	325	9	700	2789	14	-26.6	3.3	9	73	294	7
850	1433	8	-15.8	3.1	8	70	265	7	850	1448	3	-16.2	3.3	3	73	317	6	850	1369	14	-21.4	3.2	9	70	282	5
994	* 259		-23.6	2.9					943	* 671		-24.7	1.9					934	* 79		-25.9	2.3				

# UPPER AIR

# DECEMBER 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>HABAROVSK</b> 31736 DEC 1999 4832N 13514E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VLADIVOSTOK (SAD GOROD)</b> 31977 DEC 1999 4316N 13203E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JUZHNO-SAHALINSK</b> 32150 DEC 1999 4657N 14243E OB 1								
030									030	23634	26	-48.5	12.8	9	99	251	18	030								
050									050	20300	23	-51.8	10.4	9	97	255	24	050								
100	15680	8	-52.9	7.7	8	97	266	22	100	15856	17	-53.9	9.6	9	99	267	31	100	15853	24	-50.3	11.8	9	98	261	18
150	13064	7	-51.9	6.9	7	96	272	21	150	13234	15	-51.1	9.1	9	99	267	35	150	13200	24	-49.0	12.1	9	98	265	19
200	11201	7	-52.5	5.9	7	93	280	18	200	11365	12	-49.8	8.3	9	97	273	32	200	11307	24	-48.9	10.5	9	93	270	18
300	8605	5	-55.1	4.6	5	80	299	14	300	8723	8	-50.4	7.1	9	89	276	27	300	8674	24	-52.8	8.6	9	81	275	15
500	5230	4	-37.4	4.9	4	56	316	7	500	5321	5	-34.0	7.6	5	80	289	19	500	5269	24	-35.1	7.3	9	67	268	8
700	2827	4	-22.0	4.0	4	55	325	5	700	2891	6	-20.1	9.0	5	79	300	12	700	2850	24	-20.1	7.5	9	57	271	4
850	1381	4	-16.4	3.9	4	45	303	4	850	1430	5	-14.2	5.6	5	77	329	11	850	1389	24	-13.6	3.8	9	40	327	5
1011	* 72		-17.4	2.4					1013	* 82		-12.2	6.0					1015	* 24		-8.5	2.3				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>PETROPAVLOVSK-KAMCATSKIJ</b> 32540 DEC 1999 5305N 15835E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>TABUK</b> 40375 DEC 1999 2822N 03636E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>HAIL</b> 40394 DEC 1999 2726N 04141E OB 3								
030	23506	22	-47.2	12.9	9	99	239	28	030	23717	4	-57.0	31.1	9	16	252	2	030	23700	3	-57.1	29.6	3	48	251	3
050	20213	15	-48.6	10.8	9	99	242	23	050	20537	4	-64.3	27.2	9	64	256	6	050	20528	1	-65.4	25.8	1	54	241	3
100	15653	8	-51.2	8.7	9	94	238	16	100	16392	2	-69.3	25.0	9	94	248	22	100	16415	2	-71.2	22.4	2	90	263	22
150	13020	7	-52.6	7.0	8	87	234	12	150	13927	2	-61.6	24.0	9	84	253	29	150	13963	2	-62.2	22.5	2	92	260	31
200	11177	6	-55.2	5.3	6	67	219	8	200	12123	1	-56.6	19.0	9	86	258	28	200	12162	2	-56.0	19.1	2	84	264	30
300	8624	4	-57.5	4.4	5	50	160	10	300	9466	0	-40.4	15.0	9	96	251	23	300	9496	2	-39.7	17.1	3	82	254	23
500	5243	4	-34.6	6.0	4	56	120	8	500	5781	0	-12.9	23.5	9	75	247	11	500	5799	2	-11.8	25.9	2	81	246	13
700	2813	4	-19.6	7.8	4	75	106	9	700	3126	0	3.9	29.6	9	71	214	8	700	3139	2	4.0	23.5	2	78	235	7
850	1349	4	-11.7	4.3	4	78	88	8	850	1531	0	10.4	13.8	9	39	149	3	850	1538	2	12.9	16.6	2	42	181	3
1001	* 84		-5.4	5.6					931	* 768		8.4	10.6					905	*1013		19.9	21.2				
<b>ASIA - SAUDI ARABIA</b> <b>KING KHALED INT. AIRPORT</b> 40437 DEC 1999 2456N 04643E OB 3									<b>ASIA - IRAN, ISLAMIC REPUBLIC OF</b> <b>MASHHAD</b> 40745 DEC 1999 3616N 05938E OB 3									<b>ASIA - IRAN, ISLAMIC REPUBLIC OF</b> <b>KERMAN</b> 40841 DEC 1999 3015N 05658E OB 3								
030	23731	10	-56.3	30.1	9	40	28	2	030	23653	14	-58.9	31.2					030	23715	9	-56.2					
050	20550	9	-65.8	23.1	9	17	236	1	050	20494	7	-63.5	30.1					050	20522	4	-64.5					
100	16470	6	-73.6	22.0	7	87	254	15	100	16259	5	-64.9	28.4					100	16369	2	-69.3					
150	14031	4	-63.1	21.9	5	92	256	26	150	13759	5	-59.8	25.3					150	13905	1	-61.2					
200	12226	3	-55.1	18.8	4	87	264	26	200	11957	5	-58.6	21.3					200	12101	1	-56.6	18.5				
300	9545	3	-38.0	18.7	4	78	259	19	300	9337	5	-44.4	14.5					300	9451	1	-45.8	13.9				
500	5834	2	-10.8	24.0	3	74	252	11	500	5716	5	-17.3	22.5					500	5782	1	-13.4	21.2				
700	3157	1	5.4	21.5	2	48	277	4	700									700	3123	1	3.9	20.9				
850	1544	1	13.8	17.7	2	43	207	2	850	1532	6	5.1	12.2					830	*1754		-2.9	10.1				
949	* 612		11.0	12.1					908	* 980		2.4	3.3													

# UPPER AIR

# DECEMBER 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>ASIA - SAUDI ARABIA</b> JEDDAH (KING ABDUL AZIZ INT.) 41024 DEC 1999 2142N 03911E OB 3									<b>ASIA - KUWAIT</b> KUWAIT INTERNATIONAL AIRPORT 40582 DEC 1999 2913N 04759E OB 3									<b>ASIA - UNITED ARAB EMIRATES</b> ABU DHABI INTER. AIRPORT 41217 DEC 1999 2426N 05439E OB 3									
030	23731	2	-56.4	32.1	2	15	320	1	030	23711	6	-56.9		8	68	262	8	030	23713	1	-56.5		0	14	57	1	
050	20558	2	-66.2	26.1	3	10	87	1	050	20540	2	-64.7	28.7	3	68	273	4	050	20541	0	-66.2		0	7	323	1	
100	16508	0	-74.8	23.5	6	88	259	14	100	16407	0	-69.8	27.9	1	93	263	22	100	16479	0	-73.5		0	93	253	15	
150	14091	0	-64.3	22.4	8	88	263	25	150	13949	0	-61.5	28.5	1	91	261	29	150	14055	0	-63.3		0	93	259	24	
200	12293	0	-54.8	20.9	4	88	272	29	200	12147	0	-56.8	23.8	1	87	267	31	200	12249	0	-54.9	19.7	0	88	259	24	
300	9597	0	-36.3	23.6	5	79	262	19	300	9490	0	-40.1	21.4	1	77	265	23	300	9565	0	-37.5	21.5	0	81	260	18	
500	5847	0	-9.1	31.0	4	76	250	9	500	5803	0	-12.6	30.5	1	79	257	13	500	5838	0	-10.3	29.3	0	69	257	7	
700	3159	0	7.8	24.2	8	58	225	6	700	3151	0	3.9	32.6	1	60	250	6	700	3160	0	6.9	30.7	0	38	268	2	
850	1533	0	16.8	9.9	8	46	150	3	850	1551	0	11.9	26.2	2	44	270	5	850	1544	0	14.0	17.8	0	32	329	2	
1012	* 17		22.4	4.0					1015	* 55		15.6	9.2					1015	* 27		22.1	7.5					
<b>ASIA - OMAN</b> SEEB, INTERNATIONAL AIRPORT 41256 DEC 1999 2335N 05817E OB 1									<b>ASIA - OMAN</b> SALALAH 41316 DEC 1999 1702N 05405E OB 3									<b>ASIA - INDIA</b> SRINAGAR 42027 DEC 1999 3405N 07450E OB 3									
030	23722	19	-56.2	32.1	9	48	135	2	030									030									
050	20549	2	-67.2	28.4	3	22	255	1	050									050									
100	16501	0	-75.5	25.7	0	89	249	14	100	16516	10	-77.6	20.9	9	4	176	1	100									
150	14084	0	-63.3	28.2	0	90	257	22	150	14132	7	-65.2	21.9	9	81	246	13	150									
200	12281	0	-54.5	26.4	0	84	248	23	200	12343	5	-54.7	19.9	6	79	248	15	200	12035	6	-55.3		9	98	260	28	
300	9590	0	-36.8	27.1	0	82	254	20	300	9633	5	-34.5	25.3	8	74	249	11	300	9382	0	-44.1		9	93	270	24	
500	5845	0	-10.5	34.8	3	71	263	8	500	5862	5	-7.1	29.4	7	54	298	6	500	5764	0	-17.1	12.0	5	71	270	7	
700	3171	0	7.8	41.2	0	14	287	1	700	3157	5	8.7	31.5	6	26	43	2	700	3127	0	.8	15.9	2	19	140	1	
850	1553	0	13.7	20.6	1	27	340	1	850	1537	5	15.4	49.2	5	61	37	5	846	*1587		4.2	1.9					
1017	* 8		18.5	6.0					1014	* 20		22.4	13.1														
<b>ASIA - INDIA</b> NEW DELHI/SAFDARJUNG 42182 DEC 1999 2835N 07712E OB 3									<b>ASIA - INDIA</b> JODHPUR 42339 DEC 1999 2618N 07301E OB 3									<b>ASIA - INDIA</b> LUCKNOW/AMAUSI 42369 DEC 1999 2645N 08053E OB 3									
030	23663	8	-56.0						030									030	23689	4	-55.3		9	82	285	11	
050	20484	3	-65.7						050	20546	9	-64.1						050	20519	2	-64.5		8	97	285	16	
100	16382		-72.2			98	276	41	100	16455	9	-73.0						100	16428	1	-74.7		8	97	283	25	
150	13949		-62.9			7	92	278	41	150	14023	9	-63.3			99	255	35	150	13993	1	-63.7		8	93	279	31
200	12144		-56.4			1	91	279	39	200	12220	4	-54.2			99	262	31	200	12200	1	-53.9		6	97	282	34
300	9464		-38.7	9.8			98	283	33	300	9545	3	-37.2	5.4	9	95	274	28	300	9501	1	-37.1	9.7	4	99	280	29
500	5765		-13.3	16.5			84	289	15	500	5808	1	-10.1	13.2	9	90	283	16	500	5776	0	-12.0	14.2	0	94	290	16
700	3117		4.6	11.9			88	308	7	700	3135	0	6.7	12.1	3	78	287	5	700	3109	0	4.7	17.5	0	85	297	7
850	1508		12.1	19.4			88	299	4	850	1521	0	14.1	15.6	3	71	355	3	850	1504	0	11.1	15.1	0	70	296	3
984	* 216		14.8	8.3					990	* 224		18.6	15.7					1001	* 128		16.3	4.9					



# 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 GAUHATI</b> 42410 DEC 1999 2606N 09135E OB 3									<b>ASIA - INDIA AHMADABAD</b> 42647 DEC 1999 2304N 07238E OB 3									<b>ASIA - INDIA CALCUTTA/DUM DUM</b> 42809 DEC 1999 2239N 08827E OB 3										
030									030									030	23787	2	-53.9			9	57	271	5	
050									050									050	20564	1	-61.9			7	56	286	4	
100									100									100	16481	0	-78.6			2	76	273	18	
150									150									150	14106	0	-65.8			1	95	265	27	
200	12179	7	-53.5			91	270	44	200									200	12309	0	-53.3			0	94	268	31	
300	9456	1	-36.1			95	270	40	300	9605	3	-35.6						300	9584	0	-33.4			0	95	274	29	
500	5735		-11.8	17.1		9	271	2	500	5840	0	-8.2		6	72	273	9	500	5811	0	-7.8			0	92	284	18	
700	3099		.9	10.6		15	217	1	700	3143	0	8.4		0	46	301	3	700	3117	0	7.8			0	83	295	8	
850	1509		11.6	10.0		97	88	3	850	1519	0	15.4		0	50	55	2	850	1506	0	12.8	12.5		0	74	344	3	
1009	* 54		17.5	2.5					1008	* 55		20.7	11.6					1013	* 6		19.6	4.5						
<b>ASIA - INDIA BOMBAY/SANTACRUZ</b> 43003 DEC 1999 1907N 07251E OB 3									<b>ASIA - INDIA HYDERABAD AIRPORT</b> 43128 DEC 1999 1727N 07828E OB 3									<b>ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR</b> 43150 DEC 1999 1742N 08318E OB 3										
030									030	23795	23	-55.7		9	15	111	1	030										
050									050	20572	11	-63.4		9	41	274	2	050										
100	16767	4	-72.2		4	62	261	6	100	16520	8	-79.0		9	25	241	2	100										
150	14288	2	-61.9		2	96	252	19	150	14165	5	-67.1		6	92	243	13	150	14171	5	-66.7			6	91	240	13	
200	12462	1	-49.9		1	94	248	22	200	12374	4	-53.7		5	88	240	16	200	12372	0	-52.6	8.5		0	88	245	16	
300	9711	0	-30.4		0	89	263	16	300	9645	3	-32.5		4	85	265	12	300	9635	0	-31.9	14.7		0	90	269	12	
500	5884	0	-4.4		0	41	279	3	500	5845	3	-5.9		4	30	313	2	500	5835	0	-5.9	17.1		0	69	312	5	
700	3157	0	11.4		0	36	59	2	700	3135	1	9.8		2	58	44	3	700	3120	0	10.0	24.2		0	50	10	2	
850	1516	0	18.8	16.3	0	65	109	2	850	1509	1	15.3	6.4	1	73	62	3	850	1493	0	14.5	10.0		0	77	24	3	
1010	* 14		24.5	10.1					952	* 545		21.3	9.7					1006	* 66		24.0	7.3						
<b>ASIA - INDIA GOA/PANJIM</b> 43192 DEC 1999 1529N 07349E OB 3									<b>ASIA - INDIA MADRAS/MINAMBakkam</b> 43279 DEC 1999 1300N 08011E OB 3									<b>ASIA - INDIA MANGALORE/PANAMBUR</b> 43285 DEC 1999 1257N 07450E OB 3										
030									030	23811	9	-54.5		9	88	80	5	030	23606	3	-52.7			3	78	101	5	
050									050	20589	4	-62.7		4	58	256	3	050	20574	1	-63.2			1	64	276	3	
100	16506	10	-80.9						100	16501	3	-80.5		3	78	90	7	100	16492	0	-80.3			0	57	109	5	
150	14115	9	-68.5			9	77	236	11	150	14149	1	-68.1		1	58	175	7	150	14134	0	-67.4			0	58	210	7
200	12347	7	-55.4			7	79	233	14	200	12372	0	-54.3		1	60	174	7	200	12377	0	-53.6			0	67	199	9
300	9621	0	-32.7			1	63	125	13	300	9645	0	-32.3		1	10	264	1	300	9669	0	-32.0			0	31	225	3
500	5838	0	-6.5			0	49	121	7	500	5841	0	-6.0		1	67	68	5	500	5859	0	-5.7			0	50	98	4
700	3128	0	9.1			0	61	73	5	700	3131	0	9.4	17.1	1	84	59	4	700	3144	0	10.1	17.4		0	74	81	4
850	1499	0	17.7	11.0		0	77	91	5	850	1503	0	15.0	6.8	0	82	42	6	850	1510	0	17.3	8.0		0	87	93	4
1003	* 60		26.1	7.4					1010	* 16		24.5	4.0					1007	* 31		26.4	5.8						

# 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
<b>ASIA - INDIA</b> <b>PORT BLAIR</b> 43333 DEC 1999 1140N 09243E OB 3								<b>ASIA - INDIA</b> <b>COCHIN/WILLINGDON</b> 43353 DEC 1999 0957N 07616E OB 3								<b>ASIA - INDIA</b> <b>MINICOY</b> 43369 DEC 1999 0818N 07309E OB 3													
030								030	23779	7		-57.6						030	23582	4		-60.0			4	77	229	1	
050	20551	8	-64.5		9	36	184	3	050	20589	5	-64.1						050	20430	2		-66.6			2	75	273	5	
100	16511	3	-81.2		3	65	105	6	100	16523	0	-80.9						100	16427	1		-83.9			1	69	101	7	
150	14169	1	-69.3		1	43	200	4	150	14178	0	-68.2						150	14103	0		-69.2			0	57	133	7	
200	12395	0	-54.6		0	56	193	5	200	12388	0	-54.6						200	12332	0		-55.3			0	69	126	9	
300	9663	0	-32.0		0	36	176	2	300	9660	0	-33.3						300	9617	0		-33.3	13.9		0	58	85	5	
500	5845	0	-5.9		0	70	70	5	500	5851	0	-5.7						500	5826	0		-7.1	10.7		0	88	90	7	
700	3131	0	10.1	13.7	0	73	92	4	700	3137	0	10.2	13.5					700	3128	0		8.8	2.9		0	45	84	2	
850	1500	0	16.0	4.6	0	82	79	5	850	1501	0	17.1	6.7					850	1497	0		16.8	8.3		0	54	62	3	
1001	* 79		25.5	4.4					1010	* 3		27.3	5.4					1009	* 2			27.0	4.0						
<b>ASIA - INDIA</b> <b>THIRUVANANTHAPURAM</b> 43371 DEC 1999 0829N 07657E OB 3								<b>ASIA - HONG KONG, CHINA</b> <b>KING'S PARK</b> 45004 DEC 1999 2219N 11410E OB 1								<b>ASIA - REPUBLIC OF KOREA</b> <b>OSAN AB</b> 47122 DEC 1999 3706N 12702E OB 3													
030									030	23718	4	-56.5			4	38	76	2	030	23735	0		-51.0	14.5		0	90	250	9
050	20541	8	-65.4		8	89	261	6	050	20534	2	-65.1			2	82	257	6	050	20457	0		-57.2	12.4		0	96	259	16
100	16505	5	-82.9		5	84	99	9	100	16502	0	-80.2			0	95	258	21	100	16102	0		-60.1	11.6		0	99	266	40
150	14187	3	-68.5		3	73	127	10	150	14172	0	-67.1	19.7		0	99	248	35	150	13550	0		-55.5	12.2		0	99	266	53
200	12401	2	-54.0		2	80	125	9	200	12377	0	-52.8	20.4		0	98	245	35	200	11695	0		-50.8	12.9		0	99	264	58
300	9667	2	-31.4		2	70	96	5	300	9633	0	-31.2	23.6		0	96	255	30	300	9026	0		-45.8	12.3		0	97	267	46
500	5852	2	-5.5		2	88	77	8	500	5831	0	-7.8	19.3		0	95	259	17	500	5490	0		-26.4	14.4		0	93	278	27
700	3130	2	10.2	11.3	2	49	69	2	700	3147	0	4.9	18.0	1	39	268	3	700	2986	0		-12.6	14.6		0	92	285	16	
850	1493	2	17.2	6.9	2	70	47	3	850	1544	0	10.6	14.7	0	79	64	5	850	1487	0		-6.6	9.9		0	92	292	11	
1003	* 64		26.1	4.0					1014	* 66		14.4	8.4						1019	* 52			-1.4	6.1					
<b>ASIA - REPUBLIC OF KOREA</b> <b>POHANG</b> 47138 DEC 1999 3602N 12923E OB 3								<b>ASIA - REPUBLIC OF KOREA</b> <b>KWANGJU AB</b> 47158 DEC 1999 3507N 12649E OB 3								<b>ASIA - REPUBLIC OF KOREA</b> <b>CHEJU UPPER/RADAR</b> 47185 DEC 1999 3317N 12610E OB 3													
030	23708	0	-51.5	13.1	1	85	258	8	030	23737	0	-51.4	13.6	1	79	264	7	030	23729	0		-53.5	12.3		0	67	262	7	
050	20441	0	-58.7	11.1	0	96	264	16	050	20467	0	-58.4	11.9	1	97	266	16	050	20482	0		-60.1	10.7		0	95	264	14	
100	16134	0	-61.8	10.4	0	99	266	42	100	16169	0	-63.2	10.8	0	99	266	41	100	16244	0		-66.4	9.7		0	99	264	43	
150	13601	0	-56.8	11.2	0	98	266	58	150	13651	0	-58.1	11.7	0	99	264	60	150	13760	0		-60.2	10.7		0	99	264	64	
200	11752	0	-50.8	11.9	0	98	265	68	200	11812	0	-51.4	12.7	0	99	264	69	200	11926	0		-51.3	12.1		0	98	261	73	
300	9072	0	-44.4	11.8	0	97	265	54	300	9126	0	-43.4	12.9	0	98	263	55	300	9223	0		-40.1	12.3		0	98	260	61	
500	5519	0	-25.3	14.4	0	95	275	29	500	5557	0	-24.3	14.1	0	96	274	29	500	5607	0		-21.7	13.4		0	97	270	29	
700	3002	0	-10.7	17.3	0	92	287	16	700	3033	0	-10.3	14.1	0	93	287	18	700	3056	0		-7.3	13.7		0	93	283	15	
850	1491	0	-4.7	13.4	0	87	297	10	850	1521	0	-4.5	8.6	0	87	304	10	850	1527	0		-1.4	9.8		0	84	306	9	
1024	* 6		2.9	10.6					1027	* 13		1.8	4.7						1018	* 73			7.8	7.0					

# 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	
																											hPa
<b>ASIA - JAPAN WAKKANAI</b> 47401 DEC 1999 4525N 14141E OB 2									<b>ASIA - JAPAN SAPPORO</b> 47412 DEC 1999 4303N 14120E OB 2									<b>ASIA - JAPAN NEMURO</b> 47420 DEC 1999 4320N 14535E OB 2									
030	23594	0	-47.5		0	96	247	19	030	23643	1	-48.0		2	94	245	13	030	23665	2	-47.7		2	93	241	12	
050	20250	0	-51.3		0	97	251	21	050	20317	0	-51.8		1	97	250	19	050	20320	0	-52.1		1	97	256	19	
100	15767	0	-52.9		0	99	261	28	100	15858	0	-54.3		2	99	263	32	100	15860	0	-53.4		0	99	264	30	
150	13140	0	-50.6		0	98	265	31	150	13243	0	-51.0		2	99	266	37	150	13241	0	-50.4		0	99	265	37	
200	11261	0	-49.9		0	97	265	28	200	11362	0	-49.0		3	98	267	39	200	11357	0	-48.8		0	98	265	39	
300	8621	0	-52.1		0	90	270	23	300	8708	0	-49.7		1	94	270	36	300	8700	0	-49.5		0	93	265	35	
500	5231	0	-36.8		0	79	269	14	500	5283	0	-34.4	10.0	1	90	273	22	500	5273	0	-34.5	9.1	0	90	268	21	
700	2822	0	-21.0	5.4	0	82	274	9	700	2854	0	-19.0	7.3	0	90	275	13	700	2843	0	-18.7	8.0	0	82	275	12	
850	1365	0	-12.9	1.0	0	56	283	5	850	1386	0	-10.9	1.2	0	84	289	9	850	1373	0	-10.4	3.9	0	61	281	6	
1012	* 11		-1.7	4.3					1011	* 26		-1.3	3.4						1008	* 39		-.6	5.1				
<b>ASIA - JAPAN AKITA</b> 47582 DEC 1999 3943N 14006E OB 2									<b>ASIA - JAPAN WAJIMA</b> 47600 DEC 1999 3723N 13654E OB 2									<b>ASIA - JAPAN TATENO</b> 47646 DEC 1999 3603N 14008E OB 2									
030	23671	1	-50.0		1	92	248	10	030	23685	2	-51.2		2	94	253	9	030	23705	1	-51.1		1	87	250	8	
050	20375	1	-55.4		1	96	253	16	050	20406	0	-56.8		0	97	260	18	050	20438	1	-58.5		1	98	256	16	
100	15973	0	-57.9		0	99	264	39	100	16078	0	-60.9		0	99	264	41	100	16147	0	-63.4		0	99	264	45	
150	13400	0	-54.0		0	98	265	48	150	13527	0	-55.3		0	99	266	58	150	13627	0	-58.0		0	98	267	65	
200	11538	0	-49.9		0	97	265	51	200	11673	0	-50.5		0	98	265	66	200	11789	0	-51.2		0	98	265	77	
300	8864	0	-46.3		0	95	269	48	300	8997	0	-44.9		0	96	265	56	300	9100	0	-42.1		0	97	261	64	
500	5374	0	-31.0	8.7	0	94	274	29	500	5461	0	-27.3	12.2	0	95	275	30	500	5512	0	-23.5	17.2	0	96	270	34	
700	2916	0	-16.5	6.5	0	96	273	19	700	2971	0	-13.5	7.7	0	91	268	15	700	2984	0	-9.8	13.0	1	92	278	15	
850	1431	0	-7.2	1.3	0	92	280	12	850	1469	0	-4.4	1.5	0	80	273	9	850	1464	0	-.9	7.0	0	84	273	7	
1017	* 7		3.0	4.2					1018	* 14		5.8	3.9						1014	* 31		4.1	5.4				
<b>ASIA - JAPAN HACHIJOJIMA/OMURE</b> 47678 DEC 1999 3307N 13947E OB 2									<b>ASIA - JAPAN YONAGO</b> 47744 DEC 1999 3526N 13321E OB 2									<b>ASIA - JAPAN SHIONOMISAKI</b> 47778 DEC 1999 3327N 13546E OB 2									
030	23719	1	-53.6		1	68	245	6	030	23692	0	-52.1		1	90	259	9	030	23720	2	-52.9		2	76	258	7	
050	20482	0	-61.2		1	97	261	16	050	20440	0	-59.2		0	98	261	17	050	20470	0	-60.7		1	97	261	16	
100	16280	0	-68.6		0	98	263	46	100	16156	0	-63.5		0	99	265	45	100	16253	0	-67.4		0	99	263	45	
150	13822	0	-62.0		0	98	267	68	150	13641	0	-58.4		0	99	265	64	150	13782	0	-61.2		0	99	265	67	
200	12006	0	-52.3		0	98	266	77	200	11802	0	-51.0		0	98	264	74	200	11962	0	-52.0		0	98	263	78	
300	9290	0	-36.7	14.5	0	97	260	69	300	9111	0	-42.0		0	97	262	61	300	9249	0	-37.6	16.1	0	97	259	68	
500	5618	0	-18.0	15.5	0	97	266	37	500	5527	0	-23.7	15.3	0	95	271	30	500	5600	0	-19.6	16.6	0	97	268	35	
700	3039	0	-4.4	21.5	0	94	273	19	700	3005	0	-10.7	15.8	0	92	285	16	700	3036	0	-5.9	23.0	0	93	276	18	
850	1494	0	1.7	5.9	0	87	276	11	850	1491	0	-3.0	3.8	0	84	279	10	850	1500	0	.2	10.1	0	88	289	10	
1001	* 153		11.7	6.9					1021	* 8		6.6	5.2						1013	* 75		9.7	8.5				

# 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
<b>ASIA - JAPAN FUKUOKA</b> 47807 DEC 1999 3335N 13023E OB 2									<b>ASIA - JAPAN KAGOSHIMA</b> 47827 DEC 1999 3133N 13033E OB 2									<b>ASIA - JAPAN NAZE/FUNCHATOGE</b> 47909 DEC 1999 2823N 12933E OB 2								
030	23703	2	-53.2		2	88	252	9	030	23716	0	-54.5		1	81	257	8	030	23714	0	-55.9		1	80	257	6
050	20460	1	-60.9		2	98	260	16	050	20492	0	-62.1		0	96	260	14	050	20510	0	-62.6		0	97	260	12
100	16227	0	-66.4		0	99	264	45	100	16321	0	-70.9		2	99	262	44	100	16424	0	-75.6		0	98	260	38
150	13752	0	-60.6		0	99	264	66	150	13879	0	-62.8		2	98	264	65	150	14029	0	-65.7		0	98	263	54
200	11926	0	-51.3		0	98	262	75	200	12066	0	-52.1		0	98	261	74	200	12231	0	-52.9		0	98	260	58
300	9216	0	-38.9		1	97	259	62	300	9342	0	-36.0	16.4	0	97	257	63	300	9495	0	-32.7	13.6	0	98	256	53
500	5591	0	-21.2	15.5	0	97	269	31	500	5656	0	-17.3	17.2	0	97	264	33	500	5741	0	-11.9	15.6	0	97	259	32
700	3041	0	-7.9	18.1	1	91	284	15	700	3070	0	-4.3	20.3	0	93	279	15	700	3108	0	-.6	14.3	0	90	274	11
850	1513	0	-1.4	8.4	1	84	292	8	850	1523	0	1.6	12.3	0	77	306	8	850	1539	0	4.8	5.5	0	57	336	4
1022	* 15		8.6	7.3					1020	* 31		9.7	6.1					988	* 295		13.4	4.9				
<b>ASIA - JAPAN ISHIGAKIJIMA</b> 47918 DEC 1999 2420N 12410E OB 2									<b>ASIA - JAPAN NAHA</b> 47936 DEC 1999 2612N 12741E OB 2									<b>ASIA - JAPAN MINAMIDAITOJIMA</b> 47945 DEC 1999 2550N 13114E OB 2								
030	23715	2	-56.4		2	39	258	2	030	23716	2	-55.9		3	50	256	3	030	23718	2	-56.7		2	40	242	2
050	20527	2	-64.7		2	92	258	7	050	20521	2	-63.8		2	93	256	8	050	20530	2	-64.7		2	95	255	8
100	16506	0	-79.8		0	99	256	27	100	16476	0	-78.5		0	99	259	32	100	16499	0	-78.8		0	98	257	31
150	14148	0	-66.7		0	99	257	38	150	14105	0	-66.4		0	99	262	46	150	14132	0	-66.5		0	98	263	42
200	12353	0	-52.9		0	98	254	40	200	12310	0	-52.9		0	98	257	48	200	12336	0	-52.8		0	97	260	45
300	9610	0	-31.4	11.7	0	98	254	36	300	9572	0	-32.0	12.0	0	98	256	44	300	9598	0	-31.9	11.9	0	97	257	40
500	5814	0	-8.6	11.1	0	98	255	23	500	5791	0	-9.5	12.5	0	97	255	28	500	5808	0	-8.4	11.8	0	97	253	28
700	3139	0	4.1	12.5	0	72	267	7	700	3127	0	2.4	16.1	0	87	274	11	700	3130	0	4.3	17.2	0	89	264	11
850	1546	0	8.8	1.9	0	65	42	5	850	1544	0	7.4	5.7	0	58	25	4	850	1538	0	8.3	6.3	0	33	24	3
1020	* 7		19.6	5.6					1019	* 27		18.1	6.4					1018	* 20		18.9	6.4				
<b>ASIA - JAPAN CHICHIJIMA</b> 47971 DEC 1999 2705N 14211E OB 3									<b>ASIA - JAPAN MINAMITORISHIMA</b> 47991 DEC 1999 2418N 15358E OB 3									<b>ASIA - THAILAND UBON RATCHATHANI</b> 48407 DEC 1999 1515N 10452E OB 1								
030	23719	1	-56.4		1	40	225	2	030	23721	0	-56.4		0	26	90	1	030	23649	9	-55.7		9	88	80	6
050	20532	1	-64.2		1	96	258	7	050	20543	0	-65.4		0	45	254	2	050	20472	9	-65.6		9	40	330	2
100	16491	0	-78.1		0	98	261	32	100	16547	0	-80.2		0	98	273	20	100	16506	3	-86.6		6	50	160	4
150	14120	0	-66.1		0	98	268	42	150	14193	0	-67.1		0	96	278	25	150	14200	3	-70.9		3	86	190	12
200	12322	0	-53.0		0	98	271	46	200	12399	0	-52.9		0	96	283	27	200	12428	2	-54.8		2	80	210	10
300	9587	0	-32.3	12.5	0	97	262	42	300	9661	0	-32.0	13.1	0	94	276	25	300	9693	1	-31.5	11.3	1	71	235	6
500	5803	0	-9.0	10.4	0	96	258	30	500	5861	0	-6.7	17.5	0	95	267	19	500	5880	0	-6.1	9.3	0	9	280	1
700	3128	0	4.5	15.0	0	89	259	15	700	3160	0	7.7	12.4	0	84	266	10	700	3163	0	9.1	6.8	0	40	115	2
850	1532	0	8.3	5.3	0	54	314	5	850	1538	0	13.9	3.3	0	37	246	3	850	1531	0	15.7	3.7	0	81	85	5
1018	* 8		19.2	5.7					1016	* 9		24.1	4.6					1002	* 127		16.9	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
<b>ASIA - THAILAND BANGKOK</b> 48455 DEC 1999 1344N 10034E OB 1									<b>ASIA - THAILAND SONGKHLA</b> 48568 DEC 1999 0712N 10036E OB 1									<b>ASIA - CHINA HAILAR</b> 50527 DEC 1999 4913N 11945E OB 3								
030									030									030	23354	8	-53.1	9.6	9	92	275	24
050	20568	11	-64.4		9	69	270	4	050								050	20084	6	-54.8	8.8	7	96	280	24	
100	16525	5	-83.4		5	55	130	4	100	16500	6	-82.2		9	94	105	14	100	15653	1	-55.0	7.9	2	88	289	22
150	14191	5	-67.3		5	88	180	13	150	14184	6	-70.3		6	94	115	16	150	13066	0	-54.5	7.3	0	88	296	21
200	12399	4	-53.5		5	94	205	11	200	12407	5	-54.6		5	83	120	8	200	11228	0	-55.8	6.5	0	84	302	21
300	9659	4	-31.8	13.6	4	54	225	4	300	9670	2	-31.2	6.5	2	78	95	4	300	8670	0	-56.5	5.1	0	79	309	22
500	5845	1	-6.4	12.9	1	20	110	1	500	5843	2	-5.2	7.0	1	71	65	5	500	5284	0	-35.8	5.9	0	78	316	14
700	3138	1	8.2	9.0	2	47	115	3	700	3126	3	9.0	5.3	1	51	55	3	700	2874	0	-21.7	5.6	0	75	322	9
850	1516	1	13.8	5.5	1	85	80	5	850	1494	5	16.4	2.4	1	81	50	6	850	1429	0	-17.1	4.0	0	67	310	4
1015	* 20		20.7	5.0					1009	* 5		24.9	2.1					949	* 611		-24.4	2.8				
<b>ASIA - CHINA URUMQI</b> 51463 DEC 1999 4347N 08737E OB 3									<b>ASIA - CHINA LANZHOU</b> 52889 DEC 1999 3603N 10353E OB 3									<b>ASIA - CHINA BEIJING</b> 54511 DEC 1999 3956N 11617E OB 3								
030	23522	3	-59.1						030	23636	1	-56.4		8	92	267	12	030	23623	7	-51.6	14.6	8	94	263	15
050	20344	3	-61.2						050	20431	1	-61.0		8	0	275	17	050	20342	2	-56.6	13.1	3	0	271	20
100	16034	1	-59.9	5.6					100	16155	0	-61.5	7.2	6	0	269	33	100	15972	1	-57.4	12.0	2	0	273	32
150	13491	0	-57.9	5.4					150	13618	0	-57.2	7.6	5	0	267	39	150	13395	1	-54.5	11.9	2	0	273	37
200	11686	0	-60.0	5.1					200	11792	0	-55.7	7.5	4	97	266	37	200	11560	0	-54.0	11.1	0	95	274	37
300	9126	0	-51.2	6.0					300	9185	0	-48.7	7.5	1	93	275	25	300	8959	0	-51.0	10.5	0	88	284	29
500	5610	0	-24.8	7.4					500	5641	0	-23.1	9.8	0	93	289	13	500	5477	0	-28.6	12.3	0	86	296	19
700	3081	0	-8.3	9.3					700	3095	0	-7.9	9.7	0	67	286	4	700	2994	0	-14.6	12.2	0	80	305	12
850	1555	0	-3.8	6.1					850	1593	4	-7.5	6.5	5	0	14	0	850	1505	0	-7.9	12.0	0	75	303	9
922	* 919		-8.3	2.9					857	*1518		-7.4	6.5					1025	* 55		-3.0	9.9				
<b>ASIA - CHINA LHASA</b> 55591 DEC 1999 2940N 09108E OB 3									<b>ASIA - CHINA KUNMING</b> 56778 DEC 1999 2501N 10241E OB 3									<b>ASIA - CHINA SHANGHAI</b> 58362 DEC 1999 3124N 12128E OB 3								
030	23826	7	-54.5		7	75	275	5	030	23738	3	-54.0		9	0	297	0	030	23715	0	-53.5		4	20	205	2
050	20610	5	-64.4		6	71	279	5	050	20530	2	-65.0		9	33	187	2	050	20489	0	-62.1		6	86	259	12
100	16494	3	-70.6		3	97	267	30	100	16481	1	-75.6		9	0	267	28	100	16308	0	-68.8	9.3	6	97	262	38
150	14038	2	-61.2	12.9	3	98	264	44	150	14082	0	-64.8		9	98	256	42	150	13844	0	-61.3	10.0	4	0	259	61
200	12209	1	-52.6	11.8	1	96	263	45	200	12276	0	-52.5	12.5	8	96	255	45	200	12019	0	-51.6	10.9	2	99	258	69
300	9501	1	-36.8	13.1	1	94	270	33	300	9544	0	-33.6	15.0	2	95	263	41	300	9311	0	-38.8	12.2	0	98	261	59
500	5786	0	-10.5	10.2	0	88	260	7	500	5790	0	-11.0	16.7	0	91	261	20	500	5665	0	-19.1	13.9	0	93	269	25
655	*3650		-1.6	8.8					700	3140	0	1.0	7.6	0	67	244	6	700	3089	0	-4.9	15.9	0	85	282	11
									816	*1892		5.2	3.4					850	1548	0	-7	10.6	0	57	311	4
																		1029	* 4		5.3	3.6				



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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
<b>AFRICA - EGYPT</b> <b>MERSA MATRUH</b> 62306 DEC 1999 3120N 02713E OB 3									<b>AFRICA - EGYPT</b> <b>HELWAN</b> 62378 DEC 1999 2952N 03120E OB 3									<b>AFRICA - EGYPT</b> <b>ASSWAN</b> 62414 DEC 1999 2358N 03247E OB 3									
030									030									030	23831	9	-53.8						
050	20544	26	-60.2	18.8	9	92	259	11	050	20607	19	-60.9			9	88	262	8	050	20620	4	-63.1					
100	16314	15	-68.8	11.0	9	95	257	35	100	16369	6	-65.8			6	94	265	27	100	16505	0	-69.8					
150	13861	6	-59.5	16.0	6	93	262	39	150	13890	0	-60.6			0	94	266	32	150	14059	0	-63.1					
200	12050	2	-56.3	14.7	2	91	263	40	200	12083	0	-56.3			0	90	268	29	200	12260	0	-56.6	26.5				
300	9404	2	-41.8	14.6	2	87	261	27	300	9428	0	-40.9	15.5		0	83	264	22	300	9572	0	-36.6	27.8				
500	5748	1	-15.1	20.2	1	81	250	14	500	5754	0	-13.8	26.9		0	76	262	12	500	5844	0	-11.4	31.7				
700	3121	1	1.5	26.0	1	57	253	6	700	3116	0	2.2	26.6		0	53	282	5	700	3167	0	7.6	48.8				
850	1538	1	8.5	16.4	1	49	265	4	850	1527	0	9.4	16.2		0	17	315	1	850	1547	0	17.2	16.2				
1018	* 29		19.5	11.3					1002	* 141		20.3	14.9						994	* 194		17.0	21.7				
<b>AFRICA - ETHIOPIA</b> <b>ADDIS ABABA-BOLE</b> 63450 DEC 1999 0902N 03845E OB 2									<b>AFRICA - SEYCHELLES</b> <b>SEYCHELLES INT. AIRPORT</b> 63985 DEC 1999 0440S 05532E OB 3									<b>AFRICA - CHAD</b> <b>NDJAMENA</b> 64700 DEC 1999 1208N 01502E OB /									
030									030	23685	1	-59.6	30.3	2	58	278	4	030									
050	20530		-66.5		6	75	265	6	050	20540	1	-66.2	27.3	2	94	271	11	050	20546	9	-66.5	28.5	9	55	270	3	
100	16520		-81.9		6	25	80	2	100	16523	0	-82.3	16.2	0	41	80	5	100	16532	0	-80.3	18.8	1	72	210	7	
150	14180	6	-67.7		6	71	300	10	150	14182	0	-68.0	15.9	1	29	302	4	150	14176	0	-68.1	16.2	0	92	250	19	
200	12890		-53.9	20.8	5	54	280	7	200	12397	0	-54.1	17.0	1	7	20	1	200	12397	0	-54.6	16.8	0	81	240	16	
300	9664		-32.2	27.9	6	33	325	4	300	9666	0	-31.7	17.7	1	24	107	2	300	9674	0	-32.9	23.6	2	94	280	13	
500	5858		-6.0	28.7	7	80	160	4	500	5852	0	-5.6	14.6	1	48	100	2	500	5870	0	-5.7	32.8	3	26	120	2	
700	3150		10.3	9.9	7	50	105	3	700	3139	0	9.1	9.2	1	45	233	3	700	3163	0	9.2	22.0	2	36	170	2	
850									850	1505	0	16.9	4.5	1	63	237	4	850	1521	0	20.9	28.7	1	66	40	3	
7716	*2354		22.1	14.0					1010	* 4		27.4	4.0					979	* 295		24.9	21.1					
<b>AFRICA - MADAGASCAR</b> <b>ANTANANARIVO/IVATO</b> 67083 DEC 1999 1848S 04729E OB 1									<b>AFRICA - SOUTH AFRICA</b> <b>IRENE</b> 68263 DEC 1999 2555S 02813E OB 3									<b>AFRICA - SOUTH AFRICA</b> <b>UPINGTON</b> 68424 DEC 1999 2825S 02116E OB 3									
030									030	23293	15	-57.7			9	94	85	19	030	23821	9	-55.9					
050									050	20314	14	-66.9			9	88	102	15	050	20642	3	-66.0					
100	16553	7	-77.1						100	16439	13	-73.4			9	26	343	3	100	16550	0	-72.3					
150	14165	3	-66.9						150	14117	11	-65.5			9	70	269	16	150	14126	0	-64.5					
200	12384	2	-54.8						200	12367	11	-53.0	15.8		9	78	245	25	200	12331	0	-54.5	18.7	9	95	267	19
300	9663	1	-33.1	11.8					300	9684	11	-32.5	10.6		9	69	247	18	300	9622	0	-34.8	23.1	9	91	264	18
500	5863	1	-6.4	11.5					500	5915	11	-7.4	10.9		9	51	273	7	500	5858	0	-8.5	21.2	9	77	292	7
700	3158	1	8.1	5.8					700	3193	11	8.9	6.2		9	46	311	7	700	3166	0	9.1	11.6	9	77	314	4
850	1527	1	15.8	1.9					850	1542	21	16.8	4.6		9	21	63	2	850	1520	0	22.1	15.1	5	43	340	2
877	*1276		17.8	2.1					850	*1523		17.6	3.8						918	* 839		25.8	17.6				

# UPPER AIR

# DECEMBER 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>AFRICA - SOUTH AFRICA</b> <b>BETHLEHEM</b> 68461 DEC 1999 2825S 02833E OB									<b>AFRICA - SOUTH AFRICA</b> <b>DE AAR</b> 68538 DEC 1999 3065S 02400E OB 3									<b>AFRICA - SOUTH AFRICA</b> <b>DURBAN INTNL. AIRPORT</b> 68588 DEC 1999 2997S 03095E OB 3									
030	23807	7	-57.4						030	23497	3	-80.7						030	23837	19	-57.3						
050	20644	5	-66.4						050	20461	0	-79.7						050	20665	14	-65.6						
100	16550	2	-72.7						100	16222	0	-73.3			9	99	295	4	100	16554	6	-71.7					
150	14130	0	-65.0						150	13910	0	-61.7			9	90	269	11	150	14126	5	-64.1					
200	12337	0	-54.5	16.5					200	12164	0	-53.5	18.7		9	95	265	19	200	12331	4	-55.1	15.4				
300	9626	0	-34.4	12.0					300	9550	0	-35.7	17.1		9	91	273	13	300	9627	3	-35.4	10.8	9	0	255	26
500	5852	0	-8.1	11.7					500	5845	0	-9.0	19.4		9	79	279	7	500	5861	3	-8.4	11.8	9	0	215	10
700	3158	0	8.4	6.3					700	3159	0	8.0	7.9		9	64	299	3	700	3168	3	8.0	8.6	9	0	285	7
834	*1687		14.3	.7					850	1514	0	22.6	16.5	3	52	306	3	850	1536	3	16.8	5.7	9	0	45	5	
									872	*1287		26.2	17.2					1014	* 14		22.6	1.8					
<b>AFRICA - SOUTH AFRICA</b> <b>CAPE TOWN INTNL. AIRPORT</b> 68816 DEC 1999 3397S 01860E OB 3									<b>AFRICA - SOUTH AFRICA</b> <b>GOUGH ISLAND</b> 68906 DEC 1999 4021S 00953W OB 3									<b>AFRICA - SOUTH AFRICA</b> <b>MARION ISLAND</b> 68994 DEC 1999 4653S 03752E OB 3									
030	23841	2	-57.1		3	79	105	6	030	23876	3	-55.3		8	32	264	3	030	23731	11	-51.4		9	96	277	18	
050	20666	1	-64.6		2	34	210	2	050	20654	0	-60.0		6	86	278	11	050	20457	3	-55.8		9	97	267	23	
100	16497	1	-68.3		1	88	287	16	100	16359	0	-62.0		6	93	284	21	100	16097	0	-58.7		9	97	266	32	
150	14019	1	-60.3		1	92	291	24	150	13830	0	-57.7		7	93	285	26	150	13538	0	-55.5		9	96	267	38	
200	12199	1	-54.3	24.0	1	86	291	25	200	12009	0	-56.7	16.2	7	82	276	27	200	11704	0	-55.9	19.9	9	96	271	38	
300	9519	1	-38.6	21.2	2	81	294	19	300	9370	0	-42.0	11.0	7	76	287	23	300	9083	0	-45.1	12.6	9	94	271	37	
500	5802	1	-10.7	28.4	2	78	288	10	500	5712	0	-15.4	18.7	6	80	286	18	500	5482	0	-19.4	14.4	9	93	271	28	
700	3129	1	6.7	20.6	1	72	290	5	700	3092	0	-.1	17.9	6	83	281	12	700	2908	0	-5.0	13.6	9	94	270	22	
850	1505	1	17.3	18.2	3	15	51	1	850	1515	0	7.7	11.4	6	81	276	10	850	1366	0	.1	6.9	9	91	275	14	
1007	* 46		19.4	3.9					1013	* 54		13.4	2.8					1003	* 21		6.2	4.9					
<b>N AMERICA - USA (ALASKA)</b> <b>KOTZEBUE, RALPH WIEN</b> 70133 DEC 1999 6652N 16238W OB 3									<b>N AMERICA - USA (ALASKA)</b> <b>NOME</b> 70200 DEC 1999 6430N 16526W OB 3									<b>N AMERICA - USA (ALASKA)</b> <b>ANCHORAGE/INT.</b> 70273 DEC 1999 6110N 15001W OB 3									
030	23322	2	-53.7		6	94	249	40	030	23413	2	-52.3		2	94	246	37	030	23640	3	-50.4	24.8	4	92	256	27	
050	20036	2	-53.3		5	93	245	30	050	20101	2	-51.3		2	93	243	28	050	20304	2	-49.8	24.9	7	92	252	24	
100	15557	2	-52.0		5	89	239	20	100	15597	3	-51.0		3	91	234	21	100	15774	1	-50.3	24.6	5	93	245	22	
150	12931	2	-51.7		4	87	233	15	150	12954	1	-51.0		2	84	228	16	150	13131	0	-49.4	23.4	5	93	244	21	
200	11066	2	-51.9		3	83	226	14	200	11082	1	-50.9		1	81	226	13	200	11250	0	-50.1	21.8	3	90	233	23	
300	8458	2	-54.4		3	64	207	12	300	8468	1	-53.9		1	60	206	10	300	8613	1	-51.5	11.1	2	85	224	21	
500	5085	3	-38.6		3	31	186	5	500	5090	1	-37.9		1	21	212	3	500	5175	0	-33.0	9.4	1	74	210	14	
700	2709	2	-25.9	10.6	2	19	105	2	700	2708	1	-25.6	13.9	1	37	360	3	700	2735	0	-18.2	7.7	1	69	179	9	
850	1289	2	-21.5	6.6	3	38	89	3	850	1286	1	-21.2	8.2	1	63	23	5	850	1261	0	-9.8	4.9	2	41	144	3	
1012	* 5		-25.0	3.2					1011	* 7		-22.8	4.5					995	* 40		-9.5	3.6					



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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	°C	°C	%
<b>N AMERICA - USA (ALASKA)</b> <b>COLD BAY</b> 70316 DEC 1999 5512N 16243W OB 3									<b>N AMERICA - USA (ALASKA)</b> <b>YAKUTAT</b> 70361 DEC 1999 5931N 13940W OB 3									<b>N AMERICA - USA (ALASKA)</b> <b>SHEMYA AFB</b> 70414 DEC 1999 5243N 17406E OB 3													
030	23778	4	-47.0	25.8	4	91	235	16	030	23729	7	-49.5	20.4	9		273	22	030													
050	20394	2	-48.6	25.7	2	90	235	16	050	20400	5	-50.4	19.6	9	88	264	19	050													
100	15843	1	-48.8	25.9	1	89	233	19	100	15890	2	-51.8	19.7	9	93	258	22	100													
150	13180	1	-48.3	25.6	1	88	229	22	150	13262	2	-51.4	18.1	9	92	256	24	150													
200	11282	1	-47.8	23.8	2	85	230	23	200	11392	2	-50.8	16.6	9	92	259	23	200													
300	8629	1	-50.1	13.8	1	75	230	21	300	8744	2	-50.0	8.7	7	90	248	25	300													
500	5187	1	-33.0	10.7	1	74	247	12	500	5276	1	-30.9	6.2	2	86	233	20	500	5237	5	-34.6	12.9	8	40	281	5					
700	2752	0	-18.8	8.5	0	51	277	6	700	2814	1	-15.3	3.2	1	83	209	12	700	2804	5	-18.7	12.2	8	22	315	2					
850	1286	0	-12.4	2.9	1	53	321	6	850	1321	1	-6.1	2.6	2	71	175	8	850	1337	5	-11.4	5.2	9	36	43	3					
1000	* 31		-5.7	2.2					1003	* 9		-7	.9					1005	* 31		-2.0	3.6									
<b>N AMERICA - USA</b> <b>SHREVEPORT/REG., LA.</b> 72248 DEC 1999 3228N 09347W OB 2									<b>N AMERICA - USA</b> <b>NEWPORT, NC</b> 72305 DEC 1999 3447N 07653W OB 2									<b>N AMERICA - USA</b> <b>NASHVILLE/OLD HICKORY, TN.</b> 72327 DEC 1999 3615N 08634W OB 3													
030	23642	8	-61.3	23.4	9	44	9	3	030	23609	4	-62.2	22.1	7	38	286	3	030	23618	0	-61.6		5	32	341	2					
050	20500	6	-64.1	21.8	9	44	261	3	050	20481	3	-65.7	20.3	6	72	275	6	050	20470	0	-63.4		8	70	276	5					
100	16281	4	-65.5	19.6	7	91	247	19	100	16287	3	-65.8	18.1	9	96	264	21	100	16218	0	-62.9		9		264	19					
150	13793	3	-61.3	17.4	7	89	249	27	150	13806	3	-61.6	16.5					150	13708	0	-60.2		9		267	26					
200	12001	2	-58.2	13.4	6	86	245	31	200	12011	3	-57.6	12.5	9	92	264	40	200	11906	0	-57.7		9		267	31					
300	9366	2	-42.1	14.7	4	83	240	29	300	9365	3	-41.3	13.2	5	89	263	35	300	9270	0	-42.9		6	73	256	27					
500	5712	2	-15.6	19.8	3	86	242	19	500	5705	3	-15.2	22.3	4	85	265	23	500	5641	0	-18.2	17.8	0	83	259	24					
700	3090	2	1.0	24.2	5	85	245	12	700	3081	3	.5	25.6	3	79	260	13	700	3051	0	-3.5	14.4	0	78	260	14					
850	1512	1	6.7	15.5	3	51	256	6	850	1505	3	6.1	20.1	3	59	253	7	850	1497	0	2.7	12.2	0	74	257	10					
1011	* 79		5.1	2.3					1020	* 11		4.2	2.4					1000	* 180		3.7	4.0									
<b>N AMERICA - USA</b> <b>STERLING, VA.</b> 72403 DEC 1999 3859N 07728W OB 3									<b>N AMERICA - USA</b> <b>NORTH PLATTE/LEE BIRD, NE.</b> 72562 DEC 1999 4108N 10041W OB 3									<b>N AMERICA - USA</b> <b>MEDFORD/MEDFORD- JACKSON COU</b> 72597 DEC 1999 4222N 12252W OB 3													
030	23586	0	-62.3	21.7	2	60	289	6	030	23702	5	-57.8	24.7	5	66	22	6	030	23753	2	-55.5	16.2	2	82	58	8					
050	20447	0	-63.3	21.6	8	81	282	7	050	20495	5	-59.1	24.0	5	63	321	5	050	20521	1	-58.3	14.5	4	58	22	4					
100	16185	0	-62.1	20.7	9	95	267	20	100	16154	1	-59.5	21.9	1	83	286	11	100	16219	0	-62.2	12.8	8	67	323	8					
150	13659	0	-59.2	19.0	9	92	268	26	150	13600	1	-56.3	19.9	1	81	286	15	150	13711	0	-61.1	12.1	9	69	316	12					
200	11844	0	-56.4	15.1	9	92	267	36	200	11771	1	-55.9	15.5	1	69	287	15	200	11918	0	-59.1	11.5	9	65	320	15					
300	9208	0	-44.0	12.5	2	85	266	34	300	9153	1	-47.1	10.6	1	63	294	15	300	9308	0	-45.0	12.3	3	60	307	17					
500	5599	0	-19.3	14.5	0	83	263	24	500	5588	1	-21.2	14.5	1	74	303	13	500	5696	0	-18.6	14.2	0	63	307	13					
700	3019	0	-4.7	18.0	1	77	268	14	700	3024	1	-5.9	13.5	2	76	312	10	700	3108	0	-3.0	17.2	0	51	296	7					
850	1476	0	.4	11.8	1	67	279	9	850	1478	1	2.2	12.9	3	65	324	8	850	1550	0	3.7	12.6	0	30	191	2					
1010	* 98		.2	3.2					919	* 849		-7.6	2.2					980	* 405		1.4	1.0									

# 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>N AMERICA - USA</b> CHANHASSEN, MN 72649 DEC 1999 4451N 09334W OB 2									<b>N AMERICA - USA</b> BISMARCK/MUN.,ND. 72764 DEC 1999 4646N 10045W OB 3									<b>N AMERICA - USA</b> GREAT FALLS, MT 72776 DEC 1999 4728N 11123W OB 2								
030	23653	3	-59.3	24.3	5	51	352	6	030	23607	2	-58.2	14.1	7	61	1	7	030	23664	2	-56.9	12.3	4	67	21	7
050	20451	2	-58.5	24.3	4	68	298	7	050	20389	2	-58.1	13.6	7	66	311	7	050	20430	2	-58.0	11.4	5	70	332	5
100	16079	2	-56.7	24.1	4	84	278	15	100	16026	2	-58.2	12.9	9	77	285	12	100	16076	1	-59.3	10.9	5	77	299	10
150	13500	2	-54.5	22.3	5	82	273	20	150	13456	1	-55.7	13.0	9	77	283	17	150	13521	1	-56.7	10.8	6	76	297	14
200	11654	1	-54.6	17.7	4	81	270	24	200	11624	1	-55.5	11.7	8	73	288	18	200	11701	1	-57.1	10.0	6	76	300	19
300	9032	1	-47.2	12.3	5	75	266	26	300	9015	1	-48.8	10.3	5	60	295	18	300	9094	1	-47.7	10.2	5	76	302	23
500	5483	1	-23.3	13.3	1	73	296	19	500	5486	1	-24.8	11.2	5	73	301	15	500	5551	1	-23.6	10.7	3	85	308	16
700	2943	1	-9.1	15.2	1	74	304	12	700	2959	1	-9.2	9.3	7	79	307	12	700	3009	1	-7.2	11.4	2	87	299	12
850	1424	1	-4.2	12.4	1	61	303	8	850	1436	1	-2.2	10.2	6	66	299	8	850	1469	1	2.1	11.9	3	90	249	12
982	* 287		-6.3	3.3					956	* 506		-5.4	3.0					886	*1131		.6	8.2				
<b>N AMERICA - USA</b> SPOKANE, WA 72786 DEC 1999 4741N 11738W OB									<b>N AMERICA - CANADA</b> NORMAN WELLS UA, N.W.T. 71043 DEC 1999 6517N 12645W OB 3									<b>N AMERICA - CANADA</b> HALL BEACH UA, N.W.T. 71081 DEC 1999 6846N 08113W OB 3								
030	23761	4	-54.7	15.3	7	65	6	7	030	23469	3	-54.7	29.8	5	94	283	39	030	22918	4	-66.2	23.1	5	91	301	35
050	20500	4	-56.4	13.7	8	73	322	6	050	20198	2	-53.6	30.5	4	95	279	31	050	19763	2	-62.6	24.1	2	89	298	25
100	16147	4	-59.5	12.0	9	82	292	13	100	15732	2	-52.4	28.6	3	96	273	26	100	15411	1	-58.0	24.7	1	84	293	16
150	13598	2	-58.0	11.3	9	78	285	14	150	13108	2	-51.7	26.4	3	96	271	26	150	12833	0	-55.2	23.7	1	76	288	12
200	11777	2	-57.7	10.6					200	11248	2	-52.8	21.1	2	95	270	26	200	10994	0	-54.4	20.9	1	68	282	10
300	9164	2	-47.1	10.4	5	76	289	24	300	8634	2	-52.2	10.8	2	92	268	26	300	8406	0	-55.2	11.1	0	52	267	10
500	5599	0	-22.0	12.3	4	79	290	17	500	5212	2	-34.1	7.9	2	90	270	16	500	5039	0	-38.6	9.5	0	40	267	6
700	3046	0	-6.2	12.6	2	75	286	10	700	2779	2	-19.2	4.7	2	79	278	10	700	2663	0	-25.6	8.8	0	35	301	4
850	1509	0	-1.9	4.6	4	71	235	7	850	1319	2	-15.4	5.3	2	43	273	4	850	1238	0	-20.6	5.4	0	30	341	3
938	* 728		-.7	1.8					1006	* 95		-24.3	4.1					1005	* 6		-25.6	3.8				
<b>N AMERICA - CANADA</b> ALERT UA, N.W.T. 71082 DEC 1999 8230N 06220W OB 3									<b>N AMERICA - CANADA</b> PORT HARDY UA, B.C. 71109 DEC 1999 5041N 12722W OB 3									<b>N AMERICA - CANADA</b> EDMONTON STONY PLAIN, ALTA 71119 DEC 1999 5332N 11406W OB 3								
030	22567	21	-72.2	21.8		92	311	26	030	23852	4	-51.6	27.6	4	52	341	5	030	23754	5	-53.9	30.3	5	75	321	12
050	19370	13	-71.3	18.9		91	309	15	050	20549	4	-54.6	27.1	4	74	293	7	050	20463	5	-53.1	30.3	5	83	300	12
100	15162	2	-66.4	18.5	4	56	310	5	100	16136	1	-57.8	23.2	0	92	278	18	100	16046	2	-55.6	27.5	3	89	296	19
150	12682	2	-62.2	17.3	3	30	298	2	150	13568	1	-56.0	19.1	1	94	279	24	150	13444	2	-54.1	24.1	4	86	293	22
200	10897	1	-60.6	14.3	2	9	219	1	200	11739	1	-56.4	13.5	1	89	276	30	200	11595	0	-55.0	17.9	2	84	293	26
300	8367	0	-59.0	8.3	2	28	118	4	300	9135	1	-46.9	9.6	1	86	272	31	300	8981	0	-48.6	11.4	3	78	295	26
500	5042	0	-40.7	9.4	1	40	90	4	500	5559	1	-22.3	8.7	1	86	267	20	500	5464	0	-25.7	11.5	1	87	297	21
700	2682	0	-27.1	7.3	0	47	80	4	700	3006	1	-7.0	8.1	1	77	255	12	700	2947	0	-10.2	9.2	1	88	297	15
850	1268	0	-23.4	5.7	1	33	31	2	850	1467	1	.6	6.6	2	62	227	7	850	1421	0	-.1	11.7	1	75	302	10
1008	* 65		-34.3	4.3					1017	* 17		3.6	2.6					923	* 766		-3.4	4.4				

# 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> <b>SABLE ISLAND, N.S.</b> 71600 DEC 1999 4356N 06001W OB 3									<b>N AMERICA - CANADA</b> <b>YARMOUTH, N.S.</b> 71603 DEC 1999 4352N 06606W OB 3									<b>N AMERICA - CANADA</b> <b>MANIWAKI, QUE.</b> 71722 DEC 1999 4623N 07558W OB 3								
030	23544	0	-63.1	26.0	1	66	278	10	030	23562	0	-62.1	27.2	0	66	281	10	030	23561	1	-60.7	25.5	2	70	298	12
050	20397	0	-62.4	26.5	0	86	267	13	050	20401	0	-61.7	27.4	0	88	270	13	050	20377	1	-59.5	26.0	2	88	279	13
100	16099	0	-59.5	25.9	1	93	262	23	100	16082	0	-58.5	26.9	0	93	263	23	100	16007	1	-56.1	26.7	4	93	269	23
150	13544	0	-56.0	24.9	1	91	262	29	150	13517	0	-55.6	24.7	0	94	263	30	150	13415	1	-53.3	26.2	1	91	266	27
200	11707	0	-55.0	18.8	1	87	265	36	200	11676	0	-53.7	21.3	0	91	266	37	200	11560	0	-52.0	22.4	0	88	268	30
300	9080	0	-46.1	12.8	1	80	259	35	300	9038	0	-45.8	13.1	0	82	264	35	300	8920	0	-47.3	14.7	1	81	269	30
500	5504	0	-21.4	14.5	0	78	253	24	500	5465	0	-22.5	17.3	0	80	261	22	500	5397	0	-26.2	12.4	0	78	267	20
700	2947	0	-6.6	19.6	0	70	257	14	700	2923	0	-8.4	18.4	0	66	265	12	700	2891	0	-13.0	12.1	0	74	267	12
850	1412	0	-1.4	11.8	0	59	263	9	850	1401	0	-3.0	8.8	0	53	272	7	850	1398	0	-8.5	10.1	0	62	265	8
1013	* 4		4.3	2.7					1009	* 9		.9	2.6					996	* 173		-7.6	2.9				
<b>N AMERICA - CANADA</b> <b>ST. JOHN'S UA,NFLD</b> 71801 DEC 1999 4737N 05245W OB 3									<b>N AMERICA - CANADA</b> <b>SEPT-ILES UA,QUE.</b> 71811 DEC 1999 5013N 06615W OB 3									<b>N AMERICA - CANADA</b> <b>STEPHENVILLE UA,NFLD</b> 71815 DEC 1999 4834N 05834W OB 3								
030	23514	4	-63.4	24.8	3	79	279	15	030	23454	0	-61.9	26.0	1	86	282	19	030	23479	1	-62.9	18.3	0	84	277	18
050	20353	3	-62.1	25.2	2	91	267	18	050	20276	0	-59.5	26.8	1	94	275	20	050	20318	0	-61.2	18.6	1	92	270	19
100	16035	3	-58.5	25.2	3	94	262	25	100	15900	0	-55.5	27.8	1	96	265	24	100	15970	0	-57.1	19.0	0	95	260	26
150	13466	2	-55.6	22.8	1	92	257	30	150	13302	0	-53.2	27.0	1	94	263	26	150	13385	0	-54.0	18.1	0	92	259	29
200	11611	0	-54.9	18.0	0	89	255	34	200	11445	0	-52.8	21.9	1	91	261	27	200	11537	0	-53.4	15.6	0	91	258	31
300	8993	0	-47.6	11.8	0	82	251	35	300	8823	0	-49.6	12.1	2	82	257	26	300	8916	0	-48.9	9.8	0	83	255	32
500	5445	0	-23.9	10.9	0	82	252	23	500	5335	0	-28.7	11.4	1	77	261	16	500	5394	0	-25.5	9.8	0	74	255	20
700	2907	0	-8.6	16.3	0	69	253	14	700	2851	0	-14.6	11.3	1	69	269	10	700	2876	0	-11.0	11.7	0	67	263	12
850	1385	0	-3.6	11.2	0	53	255	9	850	1364	0	-10.3	8.3	1	46	291	5	850	1370	0	-6.2	5.6	0	51	254	7
995	* 140		-.6	2.7					1007	* 53		-9.7	3.5					1008	* 60		-.6	2.6				
<b>N AMERICA - CANADA</b> <b>GOOSE UA,NFLD.</b> 71816 DEC 1999 5318N 06022W OB 3									<b>N AMERICA - CANADA</b> <b>LA GRANDE IV,QUE.</b> 71823 DEC 1999 5345N 07340W OB 3									<b>N AMERICA - CANADA</b> <b>MOOSONEE,ONT.</b> 71836 DEC 1999 5116N 08039W OB 3								
030	23333	2	-63.0	23.2	1	89	282	24	030	23417	1	-60.8	25.6	2	86	293	21	030	23453	11	-60.1	26.9	9	85	308	21
050	20171	2	-59.9	24.4	1	93	274	23	050	20201	0	-58.0	26.5	1	92	285	21	050	20267	7	-56.9	27.5	8	89	297	20
100	15802	0	-56.1	26.0	0	95	265	24	100	15793	1	-54.2	27.4	1	92	277	21	100	15837	7	-53.7	27.1	7	89	286	22
150	13209	0	-53.3	25.1	0	93	262	24	150	13180	1	-52.1	26.5	1	91	273	22	150	13221	7	-51.7	24.4	7	84	283	22
200	11353	0	-53.3	20.8	0	91	261	25	200	11315	1	-52.0	22.4	0	86	274	21	200	11353	7	-52.0	19.4	7	82	286	23
300	8743	0	-50.6	12.5	0	81	260	24	300	8695	1	-50.9	13.4	1	73	272	19	300	8733	7	-50.3	11.1	7	70	288	21
500	5275	0	-30.2	8.6	0	76	264	15	500	5246	1	-32.2	9.6	0	74	272	13	500	5262	7	-30.0	10.4	7	72	288	14
700	2804	0	-15.9	9.0	0	70	276	9	700	2796	1	-18.0	10.8	1	72	269	10	700	2799	7	-16.8	10.3	7	72	279	10
850	1329	0	-12.1	7.2	0	60	286	7	850	1331	1	-13.6	6.2	0	74	261	9	850	1326	7	-12.3	7.7	7	69	275	9
1005	* 36		-12.9	3.4					973	* 307		-12.6	2.9					1012	* 10		-10.7	2.3				

# 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> <b>PICKLE LAKE, ONT.</b> 71845 DEC 1999 5127N 09012W OB 2									<b>N AMERICA - CANADA</b> <b>THE PASS UA, MAN</b> 71867 DEC 1999 5358N 10106W OB 3									<b>N AMERICA - CANADA</b> <b>KUUJJUAQ, UA, QUE.</b> 71906 DEC 1999 5807N 06825W OB 3								
030	23588	1	-57.5	30.2	0	76	317	15	030	23669	1	-55.3	27.2	1	82	320	17	030	23172	1	-63.4	26.6	1	90	291	29
050	20354	0	-56.2	30.6	0	83	301	14	050	20402	1	-54.4	26.7	1	85	307	15	050	20013	1	-60.3	27.2	1	91	285	24
100	15920	0	-53.4	30.3	0	84	291	18	100	15948	0	-53.6	25.2	1	84	304	20	100	15647	1	-55.8	27.1	1	90	276	19
150	13302	0	-51.7	28.2	0	82	291	20	150	13327	0	-51.8	22.9	1	82	304	22	150	13053	1	-53.5	24.7	1	88	270	18
200	11431	0	-51.7	21.5	0	75	294	22	200	11461	0	-52.4	18.1	0	79	307	26	200	11202	1	-54.1	19.3	1	83	272	16
300	8807	1	-49.3	12.5	1	65	295	21	300	8842	0	-49.9	10.2	0	71	309	27	300	8609	1	-53.4	10.3	1	62	268	14
500	5317	0	-28.9	11.3	0	64	292	13	500	5349	0	-28.0	8.7	0	75	305	19	500	5182	1	-33.2	7.6	1	69	264	11
700	2841	0	-15.0	10.5	0	69	294	10	700	2861	0	-13.8	9.8	0	76	305	13	700	2747	1	-19.9	9.6	1	72	259	9
850	1355	0	-10.5	8.9	0	61	296	8	850	1369	0	-8.5	7.4	0	64	303	8	850	1292	1	-14.8	6.2	2	70	260	8
966	* 389		-13.7	2.7					980	* 274		-12.5	2.8					1001	* 60		-13.0	3.3				
<b>N AMERICA - CANADA</b> <b>INUKJUAQ, QUE</b> 71907 DEC 1999 5827N 07807W OB 3									<b>N AMERICA - CANADA</b> <b>IQALUIT, N.W.T.</b> 71909 DEC 1999 6345N 06833W OB 3									<b>N AMERICA - CANADA</b> <b>CHURCHILL UA, MAN.</b> 71913 DEC 1999 5844N 09405W OB 3								
030	23261	5	-61.2	24.3	4	92	301	29	030	23207	12	-62.8	24.4		91	300	30	030	23481	6	-57.5	27.5	5	90	304	26
050	20065	5	-58.0	24.8	4	92	297	25	050	19869	5	-61.6	24.1	5	91	292	24	050	20234	6	-55.1	28.1	5	89	300	23
100	15651	5	-54.2	24.3	4	87	292	20	100	15506	1	-57.6	23.5	5	89	281	18	100	15778	6	-52.3	28.0	5	85	296	21
150	13040	5	-52.5	22.0	4	84	289	18	150	12929	1	-55.2	20.8	4	83	268	15	150	13150	6	-51.2	26.8	6	83	295	21
200	11181	5	-52.6	18.2	4	79	286	16	200	11091	1	-55.4	16.3	2	67	266	13	200	11281	6	-51.5	22.1	5	78	295	21
300	8576	5	-53.3	9.1	4	65	284	15	300	8509	2	-54.5	8.9	3	52	256	13	300	8666	6	-52.3	11.7	6	72	292	23
500	5152	5	-33.3	6.3	4	64	279	11	500	5113	1	-36.0	6.7	3	47	253	8	500	5223	6	-31.8	11.2	5	74	293	16
700	2717	5	-20.5	7.4	4	63	264	8	700	2704	1	-21.7	7.4	3	41	247	5	700	2774	6	-17.7	11.1	6	75	296	12
850	1262	5	-14.5	5.2	3	53	261	6	850	1257	1	-16.3	4.7	3	19	241	2	850	1303	6	-13.1	7.6	8	64	308	9
1000	* 6		-9.9	2.3					998	* 34		-14.9	3.7					1007	* 29		-18.9	5.2				
<b>N AMERICA - CANADA</b> <b>CORAL HARBOUR UA, N.W.T.</b> 71915 DEC 1999 6412N 08322W OB 3									<b>N AMERICA - CANADA</b> <b>EUREKA UA, N.W.T.</b> 71917 DEC 1999 7959N 08556W OB 3									<b>N AMERICA - CANADA</b> <b>RESOLUTE UA, N.W.T.</b> 71924 DEC 1999 7442N 09458W OB 3								
030	23054	11	-62.7	26.7	9	92	301	33	030	22938	23	-65.4	28.0		92	293	33	030	22842	12	-66.7	27.2		92	297	36
050	19837	9	-60.3	26.8	9	89	302	27	050	19473	8	-68.9	22.5	7	92	301	21	050	19646	6	-64.8	26.7	7	90	302	26
100	15480	9	-56.7	27.4	9	84	290	19	100	15218	0	-63.9	21.8	0	79	307	9	100	15329	1	-60.2	26.5	4	87	302	15
150	12898	9	-54.5	25.9	9	80	293	16	150	12709	0	-60.2	20.5	0	57	307	4	150	12773	0	-56.8	25.7	1	81	306	11
200	11052	9	-54.0	22.0	9	75	288	15	200	10907	0	-58.4	16.6	0	34	327	3	200	10943	0	-55.4	22.0	1	76	310	9
300	8460	9	-54.1	11.7	9	60	288	14	300	8361	0	-58.7	8.8	0	35	52	4	300	8364	0	-56.5	11.1	2	50	317	6
500	5069	9	-37.3	10.0	9	54	293	9	500	5038	0	-40.9	8.9	0	57	47	6	500	5031	0	-40.9	10.0	2	48	338	5
700	2680	9	-24.3	6.3	9	43	300	5	700	2679	0	-27.2	7.3	0	71	36	5	700	2676	0	-28.0	8.7	1	65	345	5
850	1249	9	-19.8	4.3	9	18	281	2	850	1268	0	-24.2	4.8	0	58	27	3	850	1266	0	-23.5	6.0	1	76	352	6
996	* 57		-20.7	3.8					1013	* 10		-41.5	3.6					1004	* 40		-30.4	6.0				

# 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	
																											hPa
<b>N AMERICA - CANADA</b> CAMBRIDGE BAY UA, N.W.T. 71925 DEC 1999 6908N 10504W OB 3									<b>N AMERICA - CANADA</b> BAKER LAKE UA, N.W.T. 71926 DEC 1999 6419N 09600W OB 3									<b>N AMERICA - CANADA</b> FORT SMITH UA, N.W.T. 71934 DEC 1999 6002N 11156W OB 3									
030	23134	3	-61.7	25.0	3	93	294	43	030	23208	4	-61.0	26.1	5	91	303	35	030	23611	7	-54.8	32.0		94	304	29	
050	19930	2	-59.1	25.8	1	92	293	35	050	20024	3	-57.3	27.1	4	90	301	29	050	20328	4	-53.3	31.7	9	91	301	24	
100	15515	0	-55.4	25.7	1	92	294	24	100	15608	3	-54.1	27.0	4	85	300	22	100	15875	3	-53.0	29.4	4	91	295	25	
150	12918	0	-53.8	23.6	0	91	299	21	150	12997	3	-52.6	25.1	2	85	299	21	150	13252	3	-51.6	26.6	4	90	296	27	
200	11071	0	-53.7	18.8	0	91	299	20	200	11140	3	-52.8	20.0	3	83	303	19	200	11391	3	-52.6	21.2	5	92	297	30	
300	8476	0	-55.2	9.2	0	82	297	19	300	8541	3	-53.7	9.4	5	76	302	18	300	8773	3	-51.0	10.7	4	83	293	28	
500	5100	0	-38.1	7.9	0	77	294	12	500	5127	3	-34.9	7.5	2	72	312	12	500	5306	3	-29.5	8.5	4	86	294	21	
700	2719	0	-25.6	6.7	0	59	314	6	700	2714	3	-22.1	6.7	3	59	332	8	700	2831	3	-15.4	8.7	4	79	291	12	
850	1295	0	-21.0	6.7	0	47	342	4	850	1272	3	-17.9	3.6	3	49	340	6	850	1343	3	-8.7	7.5	4	56	295	7	
1011	* 26		-29.6	5.3					1007	* 50		-24.2	3.8					987	* 203		-17.4	2.5					
<b>N AMERICA - CANADA</b> FORT NELSON UA, B.C. 71945 DEC 1999 5850N 12236W OB 3									<b>N AMERICA - CANADA</b> INUUVIK UA, N.W.T. 71957 DEC 1999 6819N 13332W OB 3									<b>N AMERICA - CANADA</b> WHITEHORSE, UA, Y.T. 71964 DEC 1999 6042N 13504W OB 3									
030	23738	1	-51.6	31.3	3	89	295	21	030	23321	3	-56.6	31.2	6	94	275	42	030	23629	6	-51.7	32.0	6	88	273	24	
050	20429	0	-51.9	30.4	0	91	288	19	050	20068	3	-55.2	31.7	6	94	274	32	050	20298	3	-50.8	32.4	5	91	271	22	
100	15958	0	-52.4	26.2	0	91	281	21	100	15623	3	-53.4	30.8	3	94	266	24	100	15811	2	-52.9	29.3	7	94	263	23	
150	13341	0	-52.7	22.0	1	94	280	25	150	13008	3	-52.4	27.4	4	94	265	20	150	13188	2	-51.6	27.1	6	94	261	23	
200	11492	0	-53.7	16.6	0	90	280	27	200	11157	2	-53.1	19.8	5	96	265	20	200	11328	2	-52.4	22.8	5	93	256	25	
300	8880	0	-50.2	9.2	2	87	278	29	300	8555	2	-54.3	8.1	5	84	262	16	300	8721	2	-51.5	11.3	6	91	250	27	
500	5384	0	-27.8	10.2	0	88	279	20	500	5160	2	-36.3	7.4	3	68	265	10	500	5266	0	-31.5	8.4	4	87	245	19	
700	2889	0	-12.4	6.7	0	80	285	13	700	2753	2	-22.3	5.6	4	44	263	5	700	2810	0	-18.3	4.5	6	88	235	15	
850	1379	0	-4.5	9.6	0	65	284	7	850	1312	2	-18.9	3.3	4	8	353	1	850	1319	0	-10.5	4.2	4	70	174	7	
966	* 378		-17.5	2.8					1007	* 103		-26.0	5.2					922	* 704		-9.0	4.8					
<b>N AMERICA - ST. MAARTEN, ST. EUST., SABA</b> JULIANA AIRPORT, ST. MAARTEN 78866 DEC 1999 1803N 06307W OB 2									<b>N AMERICA - ST. MARTIN, ST. BARTH., GUAD.</b> LE RAIZET, GUADELOUPE 78897 DEC 1999 1616N 06131W OB 3									<b>N AMERICA - TRINIDAD AND TOBAGO</b> PIARCO INT. AIRPORT, TRINIDAD 78970 DEC 1999 1037N 06121W OB 2									
030	23803	9	-54.2		9	80	73	5	030									030	23805	2	-55.8			2	78	125	4
050	20607	9	-64.3		9	71	60	3	050	20543	1	-65.6		4	40	73	2	050	20614	1	-64.2			1	62	320	3
100	16579	9	-77.9		9	54	336	6	100	16538	1	-79.9		3	50	341	6	100	16585	1	-81.0			1	48	10	4
150	14208	9	-66.9		9	77	280	13	150	14183	1	-67.8		4	79	289	14	150	14234	1	-67.1			1	63	305	9
200	12445	9	-53.1		9	85	291	17	200	12398	1	-53.9		4	84	304	16	200	12440	1	-52.7			1	72	305	9
300	9692	9	-32.7	11.3	9	71	323	9	300	9668	1	-32.2	24.6	4	74	325	10	300	9696	1	-30.8	23.1		1	65	10	6
500	5890	9	-5.6	16.0	9	76	39	7	500	5861	1	-5.9	28.5	5	69	40	6	500	5870	0	-5.1	25.1	0	59	85	5	
700	3177	9	9.5	2.7	9	82	62	7	700	3148	1	9.7	25.7	8	80	70	6	700	3157	0	8.8	11.8	0	81	115	6	
850	1551	9	14.0	2.5	9	92	71	8	850	1521	1	14.7	4.6	8	86	77	6	850	1524	0	16.8	2.8	0	89	100	7	
1017	* 9		25.5	2.6					1013	* 11		24.4	4.9					1012	* 15		24.8	1.4					

# 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>S AMERICA - COLOMBIA</b> RIOHACHA/ALMIRANTE PADILLA 80035 DEC 1999 1132N 07256W OB 2									<b>S AMERICA - COLOMBIA</b> BOGOTA/ELDORADO 80222 DEC 1999 0442N 07408W OB 3									<b>S AMERICA - COLOMBIA</b> LETICIA/VASQUEZ COBO 80398 DEC 1999 0433S 06932W OB 2								
030	23684	27	-57.2		9	67	107	6	030	23713	24	-59.3		9	67	253	9	030	23706	28	-60.7		9	86	254	9
050	20524	27	-66.9		9	35	299	6	050	20556	31	-66.1		9	96	278	14	050	20550	28	-66.0		9	95	268	13
100	16535	27	-81.8		9	21	128	8	100	16546	31	-83.2		9	28	102	9	100	16537	28	-83.8		9	38	52	8
150	14192	27	-68.1		9	85	234	12	150	14208	31	-67.9		9	45	206	10	150	14203	28	-68.0		9	16	72	10
200	12408	27	-54.1		9	86	211	12	200	12420	26	-53.5		9	63	171	11	200	12417	28	-53.6		9	73	101	10
300	9676	27	-31.6	16.5	9	37	187	6	300	9680	31	-31.0	16.0	9	47	140	7	300	9677	28	-30.9	8.7	9	50	84	6
500	5857	27	-4.9	23.7	9	67	83	10	500	5857	31	-5.4	13.4	9	55	78	6	500	5854	28	-5.9	4.9	9	15	162	5
700	3139	27	9.2	9.0	9	83	103	8	700	3144	31	8.8	4.5	9	35	50	4	700	3140	28	9.3	4.3	9	54	349	5
850	1505	27	16.6	3.0	9	97	91	10	850	1499								850	1500	28	18.4	4.2	9	78	19	7
1011	* 4		23.5	1.2					7525	*2546		9.3	1.1					9998	* 84		23.6	.6				
<b>S AMERICA - BRAZIL</b> BELEM (AEROPORTO) 82193 DEC 1999 0123S 04829W OB 2									<b>S AMERICA - BRAZIL</b> MANAUS (AEROPORTO) 82332 DEC 1999 0309S 05959W OB 2									<b>S AMERICA - BRAZIL</b> FORTALEZA 82397 DEC 1999 0346S 03836W OB								
030	23829	11	-57.9	24.9	9	95	264	10	030									030								
050	20646	10	-63.8	18.9	9	96	270	13	050	20650	15	-63.8	20.7					050	20581	9	-65.5		9	91	275	10
100	16591	6	-81.3	10.1	6	67	222	5	100	16564	7	-82.7	8.5	9	32	136	3	100	16540	6	-79.2		6	57	217	4
150	14207	5	-66.6	12.0	5	81	213	11	150	14178	6	-66.1	10.6	8	83	155	10	150	14180	6	-67.8		6	81	231	13
200	12408	4	-53.0	13.6	4	72	195	9	200	12378	6	-53.0	11.9	7	81	139	9	200	12397	6	-54.7		6	72	244	12
300	9677	5	-30.8	14.2	5	53	217	5	300									300	9672	6	-32.1	18.7	6	61	250	7
500	5865	4	-5.6	9.0	5	22	220	1	500	5863	6	-5.5	6.7	7	25	164	1	500	5861	5	-5.8	19.0	5	18	189	1
700	3146	4	9.4	8.9	5	75	92	6	700	3144	6	9.1	4.5	8	45	78	3	700	3148	5	9.1	12.9	5	88	94	8
850	1507	4	18.2	4.9	4	93	92	8	850	1503	6	18.3	2.7	8	87	56	7	850	1516	5	16.3	5.5	5	94	102	10
1009	* 16		26.9	1.4					1000	* 84		26.1	1.9					1009	* 26		28.3	5.7				
<b>S AMERICA - BRAZIL</b> NATAL (AEROPORTO) 82599 DEC 1999 0555S 03515W OB 2									<b>S AMERICA - BRAZIL</b> RECIFE (CURADO) 82900 DEC 1999 0803S 03455W OB 2									<b>S AMERICA - BRAZIL</b> ALTA FLORESTA (AEROPORTO) 82965 DEC 1999 0952S 05606E OB /								
030									030									030								
050	20633	13	-64.6	20.5	9	82	275	7	050									050								
100	16566	9	-77.7	12.6	9	33	216	3	100	16536	15	-77.9		9	25	136	2	100	16551	11	-81.1		9	86	106	9
150	14171	9	-66.9	14.3	9	77	237	12	150	14158	14	-67.4		9	76	218	10	150	14209	7	-68.8		9	87	153	10
200	12372	9	-53.7	16.2	9	74	236	13	200	12381	11	-55.2		9	76	233	13	200	12428	7	-53.8		9	89	144	8
300	9631	8	-31.8	18.9	8	57	233	6	300	9661	11	-32.6	19.4	9	75	220	6	300	9688	7	-31.0	7.9	9	79	140	6
500	5851	8	-5.9	20.2	8	53	45	4	500	5860	10	-6.4	26.5	9	75	43	5	500	5862	7	-6.0	4.6	9	25	161	1
700	3140	7	8.8	10.6	7	71	100	4	700	3151	10	9.0	14.9					700	3151	7	8.6	3.8	9	43	275	3
850	1506	7	16.2	3.8	7	94	101	8	850	1520	10	15.9	4.7					850	1514	7	17.8	3.7	9	44	324	3
1007	* 52		29.5	5.5					1012	* 7		27.5	5.6					979	* 288		23.0	1.0				

# UPPER AIR

# DECEMBER 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>S AMERICA - BRAZIL</b> VILHENA (AEROPORTO) 83208 DEC 1999 1244S 06008W OB 2									<b>S AMERICA - BRAZIL</b> SALVADOR 83229 DEC 1999 1301S 03831W OB 2									<b>S AMERICA - BRAZIL</b> BOM JESUS DA LAPA 83288 DEC 1999 1316S 04325W OB 2									
030	23717	10	-57.7		9	96	89	11	030									030	23720	13	-56.5		9	96	88	13	
050	20560	8	-66.9		9	82	104	7	050	20576	8	-66.4		9	81	95	7	050	20559	9	-66.2		9	82	96	7	
100	16557	7	-81.6		8	86	98	9	100	16544	8	-77.0		9	71	150	6	100	16540	9	-78.7		9	80	133	8	
150	14217	7	-68.5		8	57	137	4	150	14160	6	-66.7		8	88	181	14	150	14176	9	-67.6		9	85	186	14	
200	12431	8	-53.4		9	50	132	3	200	12375	6	-54.6		7	75	192	14	200	12395	9	-54.5		9	86	189	16	
300	9685	8	-27.7	13.0	9	42	144	3	300	9654	6	-32.7	15.4	9	62	194	7	300	9667	8	-32.1	15.0	9	76	207	11	
500	5856	7	-5.3	7.6	8	50	118	2	500	5856	5	-7.0	14.4	6	11	325	1	500	5855	8	-5.9	12.2	9	9	227	1	
700	3138	7	8.9	3.7	7	30	335	2	700	3150	5	8.4	13.9	7	42	49	3	700	3145	7	8.6	9.2	9	46	26	3	
850	1499	7	18.0	4.0	7	65	302	4	850	1520	5	16.1	5.6	6	72	63	4	850	1508	7	18.0	6.3	9	52	30	3	
942	* 652		22.8	1.2					1007	* 51		26.9	3.6					961	* 440		24.3	3.9					
<b>S AMERICA - BRAZIL</b> CUIABA (AEROPORTO) 83362 DEC 1999 1539S 05606W OB									<b>S AMERICA - BRAZIL</b> BRASILIA (AEROPORTO) 83378 DEC 1999 1552S 04756W OB 3									<b>S AMERICA - BRAZIL</b> CARAVELAS 83498 DEC 1999 1744S 03915W OB 2									
030									030									030									
050	20578	10	-67.9						050	20571	10	-67.0						050	20678	12	-66.7		9	95	88	11	
100	16574	5	-80.1						100	16559	3	-78.9						100	16534	8	-76.1		8	72	155	7	
150	14227	2	-68.7						150	14200	3	-67.7						150	14141	8	-65.7		8	85	193	14	
200	12443	2	-53.8						200	12407	3	-54.4						200	12349	8	-54.6		8	81	202	18	
300	9702	2	-30.8	12.9					300	9683	3	-31.6	12.8					300	9635	8	-33.9	18.0	9	65	225	9	
500	5874	2	-5.2	11.1					500	5866	3	-6.0	7.6					500	5851	8	-7.6	14.3	8	38	290	3	
700	3159	2	9.5	4.2					700	3158	3	8.0	6.4					700	3154	7	8.0	14.8	9	50	3	3	
850	1518	2	18.8	4.4					850	1522	3	17.5	4.4					850	1526	7	15.7	4.9	9	73	30	5	
990	* 27.6		1.3						896	*1061		20.8	2.8					1014	* 3		26.6	3.9					
<b>S AMERICA - BRAZIL</b> CAMPO GRANDE (AEROPORTO) 83612 DEC 1999 2028S 05440W OB 2									<b>S AMERICA - BRAZIL</b> TRINDADE (ILHA) 83650 DEC 1999 2030S 02919W OB 2									<b>S AMERICA - BRAZIL</b> GALEAO 83746 DEC 1999 2249S 04315W OB 2									
030									030									030	23909	16	-54.6						
050									050									050	20700	12	-63.6	21.6	9	95	99	10	
100	16668	11	-77.1		9	65	206	7	100	16529	15	-74.9						100	16603	5	-73.3	16.5	7	70	211	8	
150	14257	8	-64.0		8	72	229	14	150	14110	14	-64.4			9	68	288	10	150	14169	5	-63.7	17.3	5	87	229	21
200	12446	7	-51.4		7	76	234	14	200	12324	14	-56.3			9	74	291	14	200	12352	5	-52.9	17.1	6	87	241	23
300	9693	7	-30.5	15.6	7	69	233	13	300	9624	14	-35.0	11.5	9	77	316	12	300	9636	4	-33.2	16.1	4	78	246	16	
500	5874	7	-6.0	15.2	7	50	203	5	500	5861	14	-8.5	16.1	9	95	325	10	500	5849	2	-7.6	13.4	3	58	266	6	
700	3162	7	9.1	8.0	9	15	9	1	700	3169	14	8.0	16.3					700	3151	3	7.3	7.8	2	62	290	4	
850	1519	7	20.2	8.7	8	60	33	4	850	1544	14	14.3	6.4					850	1520	2	16.9	4.7	2	57	325	4	
949	* 567		25.5	7.8					1017	* 5		26.9	5.7					1012	* 6		25.5	2.9					

# UPPER AIR

# DECEMBER 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>S AMERICA - BRAZIL</b> SAO PAULO (AEROPOR- TO) 83780 DEC 1999 2337S 04639W OB 2									<b>S AMERICA - BRAZIL</b> CURITIBA (AEROPORTO) 83840 DEC 1999 2531S 04910W OB 2									<b>S AMERICA - BRAZIL</b> PORTO ALEGRE (AERO- PORTO) 83971 DEC 1999 3000S 05111W OB 2									
030									030										030	23949	16	-54.0	26.4				
050	20605	7	-65.7		9	95	98	10	050	20686	6	-64.6	22.9	6	94	92	9	050	20726	12	-61.9	22.1	9	67	77	5	
100	16552	5	-75.7		9	72	218	9	100	16586	4	-73.4	17.5	4	65	222	9	100	16574	8	-69.8	15.9	8	87	245	13	
150	14146	4	-64.8		9	87	233	21	150	14143	3	-63.2	18.9	3	85	239	23	150									
200	12346	4	-53.5		9	91	240	25	200	12329	3	-52.2	19.7	3	84	242	28	200	12260	6	-51.6	15.7	6	93	253	32	
300	9620	4	-33.4	20.3	9	80	250	16	300	9607	2	-33.3	21.0	2	82	245	19	300	9539	5	-35.7	15.3	5	86	256	22	
500	5839	4	-7.8	21.6	9	67	251	6	500	5834	2	-8.1	21.6	2	71	240	8	500	5805	4	-9.9	17.7	5	85	253	11	
700	3145	4	7.4	10.9	9	30	298	2	700	3145	3	7.5	8.5	3	62	294	4	700	3132	4	6.6	17.1	4	60	256	5	
850	1515	4	16.6	6.0	9	32	17	2	850	1516	2	15.1	3.6	2	42	42	3	850	1509	4	15.2	10.1	4	23	284	2	
924	* 803		22.7	6.9					913	* 908		19.8	1.5					1013	* 3		23.5	6.8					
<b>S AMERICA - CHILE</b> ANTOFAGASTA 85442 DEC 1999 2326S 07027W OB 2									<b>S AMERICA - CHILE</b> PUERTO MONTT 85799 DEC 1999 4126S 07306W OB 2									<b>S AMERICA - CHILE</b> PUNTA ARENAS 85934 DEC 1999 5300S 07051W OB 2									
030									030									030	23922	5	-47.8						
050									050	20629								050	20558	4	-50.9						
100	16569	5	-76.7						100	16311	5	-60.9						100	16058	0	-52.6		3	86	262	16	
150	14177	4	-65.5						150	13769	2	-57.0						150	13422	0	-51.2	32.9	3	90	263	27	
200	12381	2	-53.7		4	93	299	26	200	11943	1	-59.0						200	11555	0	-52.0	29.4	3	86	264	28	
300	9650	3	-32.3		5	91	293	18	300	9310	1	-43.7	15.8					300	8922	0	-47.5	15.9	5	75	262	31	
500	5857	1	-6.4	34.4	5	56	241	4	500	5669	1	-16.4	18.8					500	5376	0	-24.2	16.5					
700	3142	1	10.1						700	3057	1	-.	18.3					700	2847	0	-9.3	10.4	5	89	265	21	
850	1506	1	16.6	27.0					850	1484	1	5.3	8.8					850	1323	0	-1.6	4.7	3	89	274	18	
1002	* 140		18.0	4.7					1008	* 90		9.9	1.4					996	* 43		7.2	3.6					
<b>S AMERICA - ARGENTINA</b> SALTA AERO 87047 DEC 1999 2451S 06529W OB /									<b>S AMERICA - ARGENTINA</b> RESISTENCIA AERO. 87155 DEC 1999 2727S 05903W OB 2									<b>S AMERICA - ARGENTINA</b> CORDOBA AERO 87344 DEC 1999 3119S 06413W OB /									
030	23794	7	-57.0		9	96	85	11	030	23803	0	-56.8		0	92	86	9	030	23816	9	-57.0	29.7					
050	20626	4	-66.3		7	96	85	12	050	20626	0	-65.8		0	88	84	8	050	20638	4	-59.3	32.7					
100	16578	1	-76.0		5	67	280	6	100	16558	0	-73.7		0	76	239	9	100	16521	3	-71.2	25.2					
150	14182	0	-65.3		3	88	280	18	150	14141	0	-64.1		0	95	265	24	150	14062	3	-60.6	25.9					
200	12383	0	-53.4		3	94	280	27	200	12335	0	-52.8		0	94	265	32	200	12235	1	-52.6	16.6					
300	9646	0	-32.1	23.4	4	92	280	20	300	9602	0	-34.0	16.9	0	93	264	23	300	9529	0	-37.1	14.8					
500	5855	0	-6.5	21.4	4	72	245	6	500	5838	0	-7.8	16.2	0	69	256	8	500	5798	0	-10.4	15.3					
700	3140	0	8.5	6.4	5	74	5	3	700	3141	0	8.0	11.5	0	27	258	2	700	3124	0	5.8	9.6					
850	1507	0	16.7	5.6	5	31	90	1	850	1509	0	17.9	9.5	0	18	134	2	850	1506	0	15.1	10.7					
879	*1221		17.6	3.3					1005	* 52		24.0	6.3					959	* 474		19.1	5.0					



# UPPER AIR

# DECEMBER 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>S AMERICA - ARGENTINA</b> EZEIZA AERO 87576 DEC 1999 3449S 05832W OB 3									<b>S AMERICA - ARGENTINA</b> NEUQUEN AERO 87715 DEC 1999 3857S 06808W OB /									<b>S AMERICA - ARGENTINA</b> COMODORO RIVADAVIA AERO 87860 DEC 1999 4547S 06730W OB 2								
030	23864	6	-56.2		9	68	90	6	030	23841	3	-55.5		2	79	80	6	030	23877	0	-52.4		1	62	122	5
050	20661	1	-61.4		4	19	90	1	050	20653	2	-63.8		2	39	270	2	050	20602	0	-55.5		1	45	257	3
100	16472	0	-67.4		3	93	265	20	100	16382	0	-62.5		1	94	271	20	100	16225	0	-57.8		1	92	269	18
150	13978	0	-58.2		3	95	265	31	150	13855	0	-57.3		1	98	269	27	150	13662	0	-55.8		1	92	270	23
200	12124	0	-53.4		3	91	265	32	200	12029	0	-55.1		1	84	265	28	200	11827	0	-55.6		1	91	267	28
300	9463	0	-38.6	18.3	3	81	265	22	300	9377	0	-41.9		1	71	266	21	300	9205	0	-45.0	12.7	1	83	260	25
500	5762	0	-12.2	16.4	3	70	265	11	500	5718	0	-15.1		1	76	271	14	500	5595	0	-18.7	13.8	1	87	262	20
700	3104	0	4.0	13.6	3	45	235	5	700	3092	0	3.1	15.7	1	87	273	3	700	3006	0	-2.2	17.1	1	91	262	13
850	1496	0	14.4	12.0	2	20	200	2	850	1498	0	12.1	15.4	0	71	265	2	850	1438	0	6.6	13.7	0	85	247	10
1010	* 20		22.4	9.0					981	* 271		22.6	15.9					1005	* 46		16.2	13.6				
<b>S AMERICA - UK FALKLAND ISLANDS</b> MOUNT PLEASANT AIRPORT 88889 DEC 1999 5149S 05827W OB									<b>ANTARCTICA - UNITED KINGDOM (ANTARCTIC)</b> HALLEY 89022 DEC 1999 7530S 02639W OB 2									<b>ANTARCTICA - USSR (ANTARCTIC)</b> MIRNYJ 89592 DEC 1999 6633S 09301E OB 1								
030	23873	0	-48.1		0	55	208	6	030									030	23608	2	-31.0	17.5	2	93	319	19
050	20550	0	-51.6		0	80	249	10	050	19956	5	-39.8		6	89	209	18	050	20016	1	-38.2	12.8	1	95	308	22
100	16080	0	-53.6		0	90	267	21	100	15359	4	-53.7	17.8	5	90	222	13	100	15403	1	-53.0	7.5	1	94	297	20
150	13466	0	-52.3		0	91	268	26	150	12785	3	-57.6	16.8	4	86	225	11	150	12824	1	-57.6	6.0	1	90	291	15
200	11605	0	-52.4		0	88	266	30	200	10974	3	-58.6		4	72	226	9	200	11011	1	-58.5	5.0	1	83	291	11
300	8971	0	-46.8		0	85	268	31	300	8424	3	-55.1	14.2	3	57	224	8	300	8465	1	-54.9	4.5	1	45	302	6
500	5410	0	-22.9	10.5	0	86	268	24	500	5005	3	-32.7	11.8	3	36	230	3	500	5037	1	-32.5	5.9	1	18	337	1
700	2868	0	-7.7	10.0	0	86	261	17	700	2568	3	-18.6	11.8	3	36	42	2	700	2592	1	-17.9	7.0	1	49	76	4
850	1333	0	1.2	7.7	0	83	257	13	850	1101	3	-11.3	7.4	3	74	49	6	850	1108	1	-10.1	4.9	1	89	87	9
992	* 73		10.1	6.3					976	* 30		-6.8	2.7					975	* 30		-4.5	4.1				
<b>ANTARCTICA - JAPAN (ANTARCTIC)</b> SYOWA 89532 DEC 1999 6900S 03935E OB 1									<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> MAWSON 89564 DEC 1999 6736S 06252E OB 3									<b>ANTARCTICA - AUSTRALIA (ANTARCTIC)</b> DAVIS 89571 DEC 1999 6835N 07758W OB 3								
030	23092	0	-32.8		0	46	265	8	030	23190	1	-32.6	39.2	5	82	303	12	030	23279	0	-31.0	39.1	0	87	326	15
050	19587	0	-45.5		0	70	261	11	050	19667	1	-43.8	34.6	5	86	291	14	050	19729	0	-41.1	35.9	0	88	312	16
100	15149	0	-61.5		0	81	261	9	100	15187	1	-59.8	28.3	5	92	283	11	100	15209	0	-58.3	30.6	0	89	297	12
150	12657	0	-64.1		0	70	262	7	150	12675	1	-62.1	25.6	5	92	275	9	150	12685	0	-61.6	28.0	0	80	294	8
200	10899	0	-64.8		0	41	266	5	200	10899	1	-62.7	18.9	5	74	273	7	200	10905	0	-62.3	19.3	0	57	302	6
300	8407	0	-57.9		0	16	284	2	300	8384	1	-57.4	11.6	5	26	253	3	300	8391	0	-57.2	10.3	0	31	332	4
500	5006	0	-33.6	10.7	0	21	54	2	500	4995	1	-35.0	10.6	5	21	109	2	500	4995	0	-34.2	8.2	1	24	32	2
700	2577	0	-19.7	9.3	0	65	64	4	700	2571	0	-20.4	9.2	4	55	108	4	700	2567	0	-19.7	8.0	3	54	51	4
850	1112	0	-10.9	7.1	0	76	44	6	850	1109	0	-10.8	9.3	4	86	98	7	850	1100	0	-10.5	7.1	3	81	47	7
978	* 21		-5.6	4.9					978	* 16		-4.4	8.3					977	* 13		-3.4	6.5				

# UPPER AIR

# DECEMBER 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>ANTARCTICA - AUSTRALIA (ANTARCTIC) CASEY</b> 89611 DEC 1999 6617S 11031E OB 3								<b>ANTARCTICA - FRANCE (ANTARCTIC) DUMONT D'URVILLE</b> 89642 DEC 1999 6640S 14001E OB 1								<b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) PENANG/BAYAN LEPAS</b> 48601 DEC 1999 0518N 10016E OB 3										
030	23661	2	-34.5	37.8	8	92	312	21	030	23854	3	-35.9		7	91	309	16	030	23714	20	-59.6	30.3	9	44	263	3
050	20117	2	-38.4	36.2	8	93	304	25	050	20325	1	-38.4		6	93	302	22	050	20569	15	-66.4	22.8	9	90	272	10
100	15467	2	-50.4	31.1	8	93	291	25	100	15625	0	-45.3		2	92	294	25	100	16543	0	-82.9	12.1	3	86	103	15
150	12858	2	-55.5	29.5	8	93	286	20	150	12950	1	-50.4		2	93	287	20	150	14215	0	-69.0	10.2	4	96	115	21
200	11024	1	-56.5	26.8	7	90	280	15	200	11082	0	-52.1		3	91	286	16	200	12433	0	-53.6	8.8	1	92	124	12
300	8456	0	-54.3	14.8	9	61	269	11	300	8472	0	-52.7		3	72	277	11	300	9689	0	-30.6	7.8	0	80	109	5
500	5024	0	-32.0	15.6					500	5032	0	-31.6	9.0	1	65	271	7	500	5856	0	-5.1	9.4	0	64	77	3
700	2577	0	-17.9	13.1	8	18	157	2	700	2643	0	-17.5	11.4	1	36	234	3	700	3136	0	9.3	6.7	0	46	42	2
850	1104	0	-10.2	7.4	8	42	44	3	850	1141	0	-10.8	10.1	1	62	114	4	850	1499	0	17.6	4.2	0	51	34	2
974	* 42		-3.1	4.2					975	* 43		-3.5	8.6					1009	* 4		25.7	3.5				
<b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) KOTA BHARU</b> 48615 DEC 1999 0610N 10217E OB 3								<b>SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT</b> 48698 DEC 1999 0122N 10359E OB 3								<b>SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII,</b> 91285 DEC 1999 1943N 15504W OB 2										
030	23721	5	-59.2	30.6	5	17	273	1	030	23686	0	-60.3	29.8	0	71	277	6	030	23686	2	-57.4	12.5	2	50	75	3
050	20576	3	-66.3	26.7	3	91	272	9	050	20546	0	-66.6	26.6	0	93	273	12	050	20525	1	-65.3	10.6	2	12	188	1
100	16554	0	-83.2	13.8	0	88	104	15	100	16517	0	-83.4	13.6	0	82	90	16	100	16442	1	-75.8	8.4	3	90	309	9
150	14227	0	-68.8	11.4	0	97	119	20	150	14195	0	-69.3	11.4	0	96	102	21	150	14041	1	-64.9	10.4	3	87	296	18
200	12442	0	-53.5	10.3	0	92	124	12	200	12414	0	-53.7	10.5	0	91	107	13	200	12248	1	-55.9	11.9	2	78	297	20
300	9698	0	-30.3	9.7	0	76	116	4	300	9672	0	-30.5	8.0	0	71	108	5	300	9567	1	-37.2	14.9	1	55	300	8
500	5861	0	-4.8	12.7	2	69	72	4	500	5842	0	-5.2	7.5	0	42	271	2	500	5825	1	-9.3	20.6	1	42	339	4
700	3140	0	9.5	7.4	2	61	53	3	700	3124	0	9.2	5.2	0	77	285	6	700	3143	1	5.9	16.9	1	24	114	2
850	1506	0	16.5	2.9	1	60	40	4	850	1487	0	17.5	3.5	0	71	311	6	850	1533	1	12.9	4.9	1	59	126	3
1010	* 5		24.9	2.3					1007	* 16		26.4	2.4					1016	* 11		19.7	1.9				
<b>SW PACIFIC - NEW CALEDONIA NOUMEA (NLLÉ-CALEDONIE)</b> 91592 DEC 1999 2216S 16627E OB /								<b>SW PACIFIC - TUVALU (NEW ZEALAND) FUNAFUTI</b> 91643 DEC 1999 0831S 17913E OB 3								<b>SW PACIFIC - FIJI NANDI</b> 91680 DEC 1999 1745S 17727E OB 3										
030	23784	7	-56.8		9	0	84	14	030	23700	2	-60.1						030	23740	10	-56.9					
050	20610	0	-65.9		1	0	85	10	050	20560	4	-66.4						050	20579	4	-66.5					
100	16545	0	-77.1		1	80	265	10	100	16570	1	-82.9						100	16562	1	-81.3	15.9				
150	14161	0	-65.9		1	89	273	25	150	14240	0	-68.1						150	14212	1	-67.8	14.9				
200	12367	0	-53.1		1	87	280	28	200	12430	0	-53.2						200	12426	0	-53.9	12.9				
300	9632	0	-32.4	13.0	4	85	281	21	300	9692	0	-30.0						300	9690	0	-30.8	12.2				
500	5831	0	-6.2	19.8	3	87	282	10	500	5859	0	-5.1	12.2					500	5858	0	-5.6	7.7				
700	3122	0	8.3	17.4	2	57	304	4	700	3136	0	10.3	5.8					700	3141	0	9.6	8.4				
850	1500	0	13.9	4.1	2	23	14	2	850	1495	0	17.8	13.1					850	1503	0	17.3	4.3				
1005	* 72		25.6	5.8					1011	* 2		30.0						1009	* 25		28.9	5.9				

# 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>SW PACIFIC - SAMOA (USA)</b> PAGO PAGO/INT. AIRPORT 91765 DEC 1999 1420S 17043W OB 2									<b>SW PACIFIC - FRENCH POLY. (MARQUESAS)</b> ATUONA 91925 DEC 1999 0948S 13902W OB 3									<b>SW PACIFIC - FRENCH POLY. (SOCIETY IS)</b> TAHITI-FAAA 91938 DEC 1999 1733S 14937W OB 2									
030	23721	6	-57.4	24.2	6	98	99	12	030										030	23730	9	-57.8		9	96	84	11
050	20557	4	-66.2	12.9	4	93	93	6	050	20536	4	-67.0							050	20568	2	-66.2		3	94	90	9
100	16533	2	-81.5	6.8	3	79	183	8	100	16474	3	-78.1							100	16480	1	-76.0		3	53	160	4
150	14197	1	-69.1	7.9	1	79	204	12	150	14111	3	-67.7		9	88	274	22	150	14112	0	-68.8		1	45	158	7	
200	12418	2	-54.5	9.5	0	80	200	10	200	12334	2	-55.5						200	12345	0	-55.8		1	39	132	6	
300	9685	0	-31.3	13.4	0	64	179	5	300	9627	2	-34.1	20.5	8	17	163	2	300	9636	0	-34.2	15.0	0	37	75	4	
500	5863	0	-5.8	9.3	0	54	145	3	500	5837	2	-6.8	29.3	9	70	94	4	500	5854	0	-7.0	15.3	1	31	51	2	
700	3147	0	9.6	9.3	0	32	78	2	700	3128	2	9.7	25.6	8	85	89	6	700	3149	0	8.7	11.7	1	70	57	4	
850	1508	0	17.9	6.4	0	44	65	3	850	1500	2	15.0	4.2	8	92	78	6	850	1518	0	16.6	4.1	0	82	53	5	
1010	* 3		26.8	2.1					1005	* 52		28.6	10.9					1012	* 2		29.9	7.0					
<b>SW PACIFIC - FRENCH POLY. (TUAMOTU IS)</b> RIKITEA 91948 DEC 1999 2308S 13458W OB									<b>SW PACIFIC - FRENCH POLY. (AUSTRAL IS)</b> TUBUAI 91954 DEC 1999 2321S 14929W OB									<b>SW PACIFIC - FRENCH POLY. (AUSTRAL IS)</b> RAPA 91958 DEC 1999 2737S 14420W OB 3									
030	23750	5	-57.0		7	96	82	12	030	23797	3	-56.5		3	96	86	11	030	23811	1	-56.4		2	95	83	10	
050	20571	4	-64.7		4	0	94	10	050	20608	1	-63.5		1	94	87	8	050	20622	1	-63.4		1	95	88	9	
100	16444	3	-73.4		5	63	224	5	100	16466	0	-72.5		0	74	237	7	100	16465	1	-72.5		1	65	239	6	
150	14069	1	-70.2		4	70	219	12	150	14048	0	-66.0		0	74	242	14	150	14070	0	-68.4		1	78	249	16	
200	12313	1	-57.0		3	72	219	12	200	12275	0	-56.7		0	55	244	13	200	12307	0	-56.7		0	77	264	17	
300	9614	1	-34.7	14.8	3	68	235	9	300	9585	0	-35.8	16.4	0	55	268	9	300	9608	0	-34.8	13.4	0	86	269	16	
500	5838	1	-7.8	15.4	5	47	229	4	500	5829	0	-8.9	18.3	1	47	275	4	500	5837	0	-7.9	19.4	1	78	271	9	
700	3145	1	7.2	13.1	4	21	267	2	700	3145	0	6.5	16.3	1	18	278	1	700	3142	0	7.6	17.2	0	71	284	6	
850	1525	1	14.3	7.0	5	31	348	2	850	1528	0	13.8	7.5	1	46	69	3	850	1521	0	13.8	7.4	2	46	293	3	
1005	* 89		26.1	5.4					1016	* 3		25.0	5.6					1015	* 2		24.3	5.4					
<b>SW PACIFIC - NEW ZEALAND</b> WHENUAPAI 93112 DEC 1999 3678S 17463E OB 1									<b>SW PACIFIC - NEW ZEALAND</b> PARAPARAUMU AERODROME 93417 DEC 1999 4054S 17459E OB 1									<b>SW PACIFIC - NEW ZEALAND</b> INVERCARGILL AERODROME 93844 DEC 1999 4625S 16819W OB 1									
030	23907	7	-56.1		8	98	89	12	030	23951	4	-54.6		4	96	78	10	030	24005	7	-50.7		7	97	67	9	
050	20682	0	-59.5		1	89	76	6	050	20702	2	-56.7		2	77	62	5	050	20706	4	-53.4		4	68	4	3	
100	16383	0	-62.0		2	78	276	8	100	16344	0	-58.8		0	80	281	9	100	16273	0	-55.4		0	88	269	12	
150	13847	0	-56.6		0	84	272	17	150	13779	0	-54.8		0	79	267	14	150	13680	0	-53.6		0	85	268	16	
200	12015	0	-54.2		0	77	266	20	200	11933	0	-54.0		0	73	263	17	200	11831	0	-54.8		0	76	260	18	
300	9355	0	-41.5		0	71	263	17	300	9285	0	-42.9		0	61	258	13	300	9197	0	-44.4		0	71	264	18	
500	5687	0	-14.7	19.0	0	68	262	10	500	5646	0	-16.6	18.9	0	52	246	7	500	5583	0	-18.7	11.8	0	73	267	14	
700	3061	0	.5	18.1	0	51	254	5	700	3036	0	-.8	17.5	0	58	265	6	700	2995	0	-3.5	14.1	0	80	271	11	
850	1483	0	6.8	6.5	0	46	251	4	850	1465	0	5.1	4.7	1	37	294	3	850	1440	0	3.1	5.8	0	82	277	9	
1011	* 27		19.0	6.9					1013	* 12		16.5	5.6					1012	* 4		14.2	5.4					

# UPPER AIR

# DECEMBER 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 - NEW ZEALAND CHATHAM ISLAND 93986 DEC 1999 4357S 17634W OB 1									SW PACIFIC - NEW ZEALAND KERMADEC IS. 93997 DEC 1999 2915S 17755W OB 1									SW PACIFIC - AUSTRALIA DARWIN AIRPORT 94120 DEC 1999 1225S 13053E OB /									
030	24002	3	-52.1						030										030	23733	6	-58.4	31.0	7	94	82	10
050	20721	2	-55.3		8	66	75	5	050										050	20581	3	-66.2		3	79	109	6
100	16320	0	-56.7		6	71	284	8	100	16474	1	-70.0		6	81	275	10	100	16596	3	-84.3		0	87	97	11	
150	13733	0	-52.9		5	75	281	14	150	14025	0	-62.6		5	91	266	26	150	14265	1	-67.5		0	72	117	7	
200	11869	0	-51.0		5	68	278	16	200	12216	0	-53.7		5	94	268	35	200	12470	0	-52.3	10.9	0	42	141	4	
300	9206	0	-43.6		6	55	267	13	300	9516	0	-36.9	20.6	5	87	273	25	300	9712	0	-29.4	12.2	0	31	92	2	
500	5588	0	-18.7	18.0	7	56	245	8	500	5781	0	-10.5	24.5	5	85	278	13	500	5867	0	-4.5	8.5	0	37	69	2	
700	2995	0	-2.2	18.3	8	43	264	5	700	3114	0	4.8	23.7	6	77	280	7	700	3141	0	10.4	6.6	0	47	108	3	
850	1435	0	3.5	6.3	6	33	256	4	850	1513	0	10.2	6.7	6	38	307	3	850	1494	0	19.7	6.5	0	37	90	3	
1006	* 48		13.9	3.8					1010	* 49		21.9	6.2					1004	* 31		28.7	4.3					
SW PACIFIC - AUSTRALIA GOVE AIRPORT 94150 DEC 1999 1217S 13649E OB /									SW PACIFIC - AUSTRALIA BROOME AIRPORT 94203 DEC 1999 1757S 12214E OB /									SW PACIFIC - AUSTRALIA TOWNSVILLE AERO 94294 DEC 1999 1915S 14645E OB /									
030	23730	7	-58.8	30.5	5	94	79	9	030	23742	3	-57.3	31.5	1	97	86	15	030	23760	6	-56.8	30.8	4	96	88	14	
050	20578	4	-66.1		4	82	107	7	050	20586	2	-67.4		2	97	93	13	050	20594	3	-66.8		1	96	90	11	
100	16596	0	-83.9		1	78	118	8	100	16601	1	-82.7		0	43	95	3	100	16581	2	-80.3		0	74	239	9	
150	14261	0	-67.3		1	57	137	5	150	14255	0	-66.8		0	57	309	6	150	14221	2	-66.2		0	85	250	15	
200	12465	0	-52.1	12.6	1	40	163	4	200	12456	0	-52.0	14.1	0	76	316	8	200	12418	1	-52.2	21.3	0	80	251	15	
300	9706	0	-29.4	12.7	2	23	188	2	300	9697	0	-29.5	16.6	0	65	314	6	300	9673	1	-31.4	18.6	0	74	260	10	
500	5863	0	-4.4	12.9	2	28	296	2	500	5858	0	-4.4	11.4	0	47	14	3	500	5858	1	-5.2	21.3	0	68	260	6	
700	3138	0	9.6	7.2	1	0	107	0	700	3136	0	10.1	8.2	1	63	67	6	700	3140	1	9.2	15.2	1	33	233	2	
850	1496	0	19.0	6.6	1	51	82	3	850	1488	0	20.8	10.5	1	30	44	2	850	1509	1	16.0	6.5	1	60	100	4	
1002	* 54		29.1	5.3					1006	* 7		28.9	4.9					1011	* 9		28.1	8.0					
SW PACIFIC - AUSTRALIA WILLIS ISLAND 94299 DEC 1999 1618S 14959E OB /									SW PACIFIC - AUSTRALIA PORT HEDLAND PARDOO 94312 DEC 1999 2022S 11838E OB /									SW PACIFIC - AUSTRALIA ALICE SPRINGS AERO 94326 DEC 1999 2348S 13353E OB /									
030	23731	5	-57.2	30.4	3	99	84	13	030	23750	7	-57.4		8	99	90	16	030	23798	3	-57.2	31.0	5	99	89	14	
050	20575	3	-66.9		1	95	90	11	050	20590	3	-66.3		5	94	95	13	050	20634	0	-65.8		1	97	86	11	
100	16579	3	-81.7		0	48	211	5	100	16591	1	-81.6		3	29	320	2	100	16580	0	-78.2		0	93	251	13	
150	14229	2	-66.9		0	64	252	8	150	14241	1	-66.5		3	85	303	12	150	14209	0	-65.3		0	92	251	24	
200	12432	2	-52.4	16.9	0	62	259	9	200	12439	1	-51.6	21.7	3	86	296	13	200	12402	0	-51.8	24.8	0	96	254	26	
300	9683	0	-30.4	16.4	0	72	266	8	300	9682	1	-30.1	29.6	3	83	290	10	300	9655	0	-31.5	23.7	0	92	254	19	
500	5857	0	-4.9	18.9	1	74	284	6	500	5854	1	-5.0	19.5	3	50	315	4	500	5850	0	-5.9	24.1	0	79	239	8	
700	3136	0	10.1	15.6	0	75	288	5	700	3136	1	10.3	10.7	3	56	42	4	700	3145	0	8.9	12.0	0	48	263	4	
850	1498	0	17.1	4.8	0	19	61	1	850	1486	1	21.6	12.8	4	34	52	3	850	1508	0	18.3	12.8	1	52	55	4	
1009	* 6		28.3	4.9					1006	* 9		29.2	7.9					950	* 546		26.5	15.7					

# UPPER AIR

# DECEMBER 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>SW PACIFIC - AUSTRALIA</b> <b>GERALDTON AIRPORT</b> 94403 DEC 1999 2848S 11442E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>MEEKATHARRA AIRPORT</b> 94430 DEC 1999 2637S 11833E OB 2									<b>SW PACIFIC - AUSTRALIA</b> <b>GILES</b> 94461 DEC 1999 2502S 12817E OB /									
030	23825	1	-57.2	31.7	3	99	90	12	030	23815	8	-56.8							030	23793	4	-57.1	31.7	5	99	89	13
050	20650	1	-64.9		3	95	90	10	050	20640	2	-65.8			5	98	95	11	050	20626	0	-65.7		1	96	88	12
100	16525	1	-72.8		0	95	277	13	100	16567	0	-76.1			2	91	275	12	100	16578	0	-78.1		0	90	258	10
150	14111	0	-62.9		0	96	279	29	150	14169	0	-64.4			1	96	281	29	150	14197	0	-65.2		0	93	262	26
200	12294	0	-51.7	25.7	0	95	279	31	200	12358	0	-51.7	28.8		2	95	280	29	200	12391	0	-51.8	25.1	0	95	265	28
300	9562	0	-34.1	25.4	0	86	276	24	300	9619	0	-32.7	27.4		1	91	274	22	300	9647	0	-32.1	20.1	0	93	266	20
500	5805	0	-9.0	28.4	0	73	276	9	500	5834	0	-7.5	25.6		2	76	277	9	500	5849	0	-6.6	21.7	0	80	256	8
700	3122	0	7.6	21.3	1	58	309	5	700	3137	0	8.4	11.1		2	55	307	4	700	3146	0	8.7	14.3	0	70	278	5
850	1493	0	17.8	16.1	0	47	47	4	850	1499	0	19.1	13.2		2	69	43	6	850	1507	0	19.3	13.6	0	66	48	6
1007	* 33		24.5	11.3					952	* 517		25.4	15.5						944	* 598		24.6	13.5				
<b>SW PACIFIC - AUSTRALIA</b> <b>PERTH AIRPORT</b> 94610 DEC 1999 3156S 11558E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>EUCLA</b> 94647 DEC 1999 3141S 12853E OB									<b>SW PACIFIC - AUSTRALIA</b> <b>COBAR</b> 94711 DEC 1999 3129S 14550E OB /									
030	23851	4	-57.0	31.8	7	95	89	11	030										030								
050	20668	3	-64.0		6	97	89	9	050	20667	2	-63.5			2	89	97	7	050	20646	9	-63.0					
100	16490	1	-69.2		3	94	273	13	100	16506	0	-69.5			0	87	258	14	100	16457	3	-68.4		7	88	255	12
150	14036	1	-60.6	29.4	3	96	278	30	150	14047	0	-61.4	28.0		0	95	266	32	150	13985	3	-60.1	29.9	7	92	251	25
200	12212	1	-52.2	27.2	3	96	281	34	200	12225	0	-52.1	25.9		0	95	266	37	200	12161	3	-52.9	27.5	6	90	255	30
300	9499	1	-36.7	24.9	1	86	277	24	300	9513	0	-36.4	20.0		0	90	270	27	300	9469	2	-38.5	19.1	6	82	256	22
500	5778	0	-11.5	24.8	1	72	271	8	500	5783	0	-11.2	25.0		0	80	268	11	500	5764	1	-12.3	23.6	7	78	264	10
700	3116	0	5.4	18.7	1	39	296	3	700	3120	0	4.9	17.7		0	49	288	3	700	3115	0	3.5	17.7	7	33	279	3
850	1501	0	15.0	12.0	0	38	35	3	850	1512	0	12.6	14.3		0	14	61	1	850	1511	0	12.9	12.4	6	17	236	2
1011	* 31		21.2	10.6					1005	* 102		19.3	7.1						984	* 264		23.8	14.8				
<b>SW PACIFIC - AUSTRALIA</b> <b>SYDNEY AIRPORT</b> 94767 DEC 1999 3356S 15110E OB									<b>SW PACIFIC - AUSTRALIA</b> <b>WILLIAMTOWN AERODROME</b> 94776 DEC 1999 3248S 15150E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>ALBANY AIRPORT</b> 94802 DEC 1999 3456S 11748E OB /									
030									030										030	23881	6	-56.5	31.0	6	98	82	11
050									050	20666	8	-62.0			9	98	77	7	050	20683	4	-62.3		3	88	84	5
100									100	16431	2	-66.8			2	89	260	11	100	16459	0	-65.8		0	93	265	16
150	13905				3	91	258	20	150	13955	1	-59.4	28.6		1	91	259	23	150	13962	0	-58.4	29.7	0	93	269	27
200	12078				1	86	259	26	200	12127	1	-52.9	25.3		0	88	257	28	200	12128	0	-52.4	26.2	0	91	271	28
300	9414				0	74	263	14	300	9443	1	-39.4	19.3		0	76	260	18	300	9440	0	-39.6	18.9	0	73	268	15
500	5738				0	67	263	7	500	5750	0	-12.9	19.3		0	72	258	8	500	5757	0	-13.5	17.0	1	54	269	6
700	3106				0	53	265	4	700	3107	0	2.3	16.1		0	52	256	4	700	3111	0	3.2	16.9	0	31	278	2
850	1518				0	26	282	2	850	1512	0	10.6	6.2		3	37	292	2	850	1513	0	10.5	9.3	0	37	65	2
1015	* 5		21.5	6.6					1015	* 8		22.4	6.2						1009	* 69		17.7	5.5				

# UPPER AIR

# DECEMBER 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>MOUNT GAMBIER AERO</b> 94821 DEC 1999 3744S 14047E OB /								<b>SW PACIFIC - AUSTRALIA</b> <b>MELBOURNE AIRPORT</b> 94866 DEC 1999 3740S 14451E OB								<b>SW PACIFIC - AUSTRALIA</b> <b>WAGGA AIRPORT</b> 94910 DEC 1999 3510S 14727E OB /										
030	23909	7	-55.1		7	97	83	10	030	23901	5	-55.3	31.4	5	97	84	10	030	23869	7	-56.4	31.2	7	99	83	10
050	20681	2	-59.1		2	65	82	4	050	20675	2	-59.0	29.7	2	73	80	4	050	20663	5	-60.5		5	79	83	5
100	16396	0	-62.8		0	88	263	12	100	16385	0	-62.7	28.1	1	85	262	11	100	16408	2	-64.4		2	89	260	11
150	13866	0	-56.7	29.5	0	92	262	22	150	13855	0	-56.3	29.4	1	92	263	20	150	13897	1	-57.9	28.2	1	92	256	22
200	12029	0	-54.1	23.6	0	90	258	24	200	12018	0	-54.0	23.8	1	81	258	20	200	12063	1	-53.5	23.9	1	88	261	25
300	9373	0	-41.7	16.7	0	76	255	18	300	9365	0	-42.1	13.4	1	62	270	12	300	9397	1	-41.0	14.9	0	73	266	14
500	5714	0	-15.1	17.7	0	66	255	10	500	5708	0	-15.3	15.4	1	63	269	9	500	5730	0	-14.0	19.1	0	60	274	7
700	3087	0	1.4	18.2	0	57	248	6	700	3080	0	1.5	18.0	1	56	257	6	700	3094	0	2.0	17.3	0	57	271	5
850	1501	0	8.1	10.1	0	40	243	4	850	1494	0	9.0	11.2	2	41	254	4	850	1501	0	11.0	9.5	0	49	313	4
1008	* 69		17.7	7.9					1002	* 132		18.0	8.5					989	* 213		22.0	12.6				
<b>SW PACIFIC - AUSTRALIA</b> <b>HOBART AIRPORT</b> 94975 DEC 1999 4250S 14729E OB /								<b>SW PACIFIC - AUSTRALIA(ADDITIONAL IS.)</b> <b>LORD HOWE ISLAND AERO</b> 94995 DEC 1999 3132S 15904E OB /								<b>SW PACIFIC - AUSTRALIA(ADDITIONAL IS.)</b> <b>NORFOLK ISLAND AERO</b> 94996 DEC 1999 2902S 16756E OB /										
030	23945	9	-53.2	32.9	9	99	78	9	030	23823	9	-56.5	31.7	9	96	84	11	030								
050	20675	6	-55.8	30.8	6	35	70	2	050	20628	6	-62.2		7	93	87	6	050	20638	3	-63.3		5	91	79	6
100	16317	0	-58.6	29.6	0	89	270	11	100	16417	0	-67.9		2	86	259	11	100	16468	2	-70.1		4	92	271	18
150	13750	0	-54.7	30.0	0	84	269	16	150	13937	0	-60.2	28.5	1	91	264	26	150	14013	3	-61.6		6	92	268	33
200	11909	0	-55.2	21.5	0	73	269	18	200	12114	0	-53.1	24.3	1	88	265	29	200	12202	3	-53.9	23.0	6	93	272	35
300	9274	0	-43.2	13.8	0	60	267	15	300	9436	0	-39.7	14.9	1	75	267	18	300	9506	3	-37.2	17.6	6	88	274	24
500	5638	0	-16.9	15.3	0	65	264	12	500	5741	0	-13.0	18.4	1	73	265	9	500	5774	3	-10.9	21.3	6	76	278	10
700	3032	0	-1.0	18.3	0	71	263	10	700	3094	0	2.8	17.5	1	38	249	3	700	3106	2	4.9	24.3	5	53	279	4
850	1465	0	5.1	6.5	0	67	269	7	850	1503	0	8.8	4.5	1	0	348	0	850	1507	2	9.5	5.5	5	7	80	1
9999	* 27								1015	* 6		21.2	6.0					1003	* 109		20.3	5.4				
<b>SW PACIFIC - AUSTRALIA(ADDITIONAL IS.)</b> <b>MACQUARIE ISLAND</b> 94998 DEC 1999 5429S 15856E OB 3								<b>SW PACIFIC - BRUNEI DARUSSALAM</b> <b>BRUNEI AIRPORT</b> 96315 DEC 1999 0456N 11456E OB 3								<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> <b>KUCHING</b> 96413 DEC 1999 0129N 11020E OB 3										
030	24041	3	-45.3	34.4	6	70	23	4	030									030	23720	2	-60.4	29.8	2	75	275	7
050	20652	0	-47.6	33.3	4	83	310	7	050									050	20575	1	-65.8	24.5	1	92	270	12
100	16100	0	-49.9	32.4	2	90	284	18	100	16539	15	-85.3	14.0	9	95	103	19	100	16551	0	-83.9	11.7	0	88	95	19
150	13447	0	-49.0	32.4	3	88	280	23	150	14224	4	-68.6	30.7	9	94	103	16	150	14230	0	-68.7	10.4	0	97	99	20
200	11561	0	-49.4	28.0	3	86	276	27	200	12437	3	-52.9	46.3	9	91	98	11	200	12444	0	-53.1	10.2	0	90	98	13
300	8897	0	-45.2	20.2	4	82	279	31	300	9684	3	-29.8	10.6	9	90	109	8	300	9694	0	-29.8	6.9	0	90	105	8
500	5339	0	-23.9	17.8	2	82	277	23	500	5836	2	-5.0	5.8	9	65	122	4	500	5857	0	-5.1	3.7	0	1	234	0
700	2808	0	-9.6	14.8	2	86	279	18	700	3129	0	9.6	5.6	9	31	178	2	700	3136	0	9.7	4.2	0	69	264	5
850	1289	0	-3.2	5.6	2	83	278	14	850	1489	0	18.0	4.4	9	58	214	4	850	1495	0	17.9	3.3	0	70	278	6
997	* 6		6.1	4.3					1003	* 15		26.0	2.0					1007	* 27		24.7	1.1				

# UPPER AIR

# DECEMBER 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 - MALAYSIA(SABAH & SARAWAK) BINTULU 96441 DEC 1999 0312N 11302E OB 3								SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 DEC 1999 0416N 11753E OB 3								SW PACIFIC - AUSTRALIA (OCEAN ISLANDS) COCOS ISLAND AERO 96996 DEC 1999 1211S 09649E OB 3										
030	23720	2	-60.2	28.5	2	68	274	6	030	23729	2	-59.7	29.8	3	60	284	4	030	23666	2	-58.7	30.2	8	95	92	10
050	20574	1	-65.6	23.9	1	93	272	11	050	20583	1	-66.3	25.9	1	94	268	10	050	20512	1	-65.8		7	62	96	5
100	16556	0	-84.4	11.4	0	94	98	19	100	16571	0	-85.1	12.8	1	95	104	18	100	16517	0	-82.9		6	90	72	13
150	14236	0	-68.5	10.0	0	96	97	18	150	14248	0	-68.1	11.1	1	95	105	15	150	14189	0	-68.3		5	61	57	6
200	12448	0	-53.0	9.5	0	94	93	13	200	12459	0	-52.8	11.2	1	94	104	12	200	12403	0	-53.5	14.5	6	47	59	3
300	9696	0	-29.7	7.9	0	88	102	8	300	9705	0	-29.6	10.0	1	91	102	9	300	9662	0	-30.9	18.7	8	60	102	4
500	5855	0	-5.0	3.0	0	32	131	2	500	5866	0	-4.7	5.8	1	68	103	4	500	5835	0	-4.6	25.7	7	56	119	3
700	3136	0	9.9	4.1	0	56	247	4	700	3142	0	10.0	5.1	0	7	219	1	700	3117	0	9.1	13.1	7	30	167	2
850	1494	0	17.9	2.8	0	64	240	4	850	1499	0	18.6	4.0	0	26	276	1	850	1486	0	15.8	3.5	7	61	135	3
1009	* 5		25.1	1.6					1007	* 20		25.8	2.3					1009	* 3		25.7	3.7				

# 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	BEJAIA	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	CATAMARCA AERO.	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	CHATHAM ISLAND	N ZEALAND	94791	C	COFFS HARBOUR MO	AUSTRALIA
93987	C	CHATHAM ISLANDS 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	COMODORO 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	CORRIENTES AERO.	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 INTERNATIONAL AIRPORT	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	IQALUIT,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	KUWAIT INT'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 GRANDE IV, 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/KENYATTAIRPORT	KENYA
76342	C	MONCLOVA,COAH.	MEXICO	41128	C	NAJRAN	SAUDI ARABIA
67633	C	MONGU	ZAMBIA	48431	C	NAKHONRATCHASIMA	THAILAND
87393	C	MONTE CASEROS AERO	ARGENTINA	48400	C	NAKHONSAWAN	THAILAND
08003	C	MONTEFARO	SPAIN	62002	C	NALUT	LIBYAN ARAB JAMAHIR
78388	C	MONTEGOBAY/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	MOSTAGANEMVILLE	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 FALKLANDISLANDS	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/SANJAVIER	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 (NLE-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	OJMIAKON	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	PETROPVLOVSK-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	TARIALAN	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/SLOULINFELD, 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				