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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**

National  
Oceanic and  
Atmospheric Administration

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Environmental Satellite, Data  
and Information Service

National  
Climatic Data Center  
Asheville, North Carolina

## PREFACE

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

## REFERENCE NOTES

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

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

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

Provisional upper air normals, although not published in this bulletin, can be obtained from WMO Pub. No. 170. A description of procedures used by Members appeared in Monthly Climatic Data for the World, 1967 Supplement -- computation of CLIMAT TEMP values.

Late reports and corrections are published when received, except that data more than five years old are not published. The Corrections sections include corrections to past data. In these, "D" indicates the data should be deleted. Some late reports of pre-1987 data appeared in the Corrections sections during the 1987 Data Year.

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

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

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

## **SURFACE DATA TABLES**

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

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

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

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

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

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

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

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

## **UPPER AIR DATA TABLES**

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

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

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

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

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# SURFACE

# SEPTEMBER 2004

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>EUROPE</b>																
<b>NORWAY</b>																
01001 JAN MAYEN	7056N	00840W	9		1003.4	1004.6	5.8	3.0	7.9	1.5	16	79	-3	3		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1004.7	1008.0	1.3	.9	5.4	.2	2	8	-12	2		
01025 TROMSO/LANGNES	6941N	01855E	10		1002.2	1003.3	7.8	.9	8.8	.8	17	228	128	6		
01028 BJORNOYA	7431N	01901E	16		1002.2	1004.1	4.4	1.7	7.5	.7	10	85	41	6		
01098 VARDØ	7022N	03106E	15		1001.5	1003.2	8.1	1.5	9.2	.8	13	74	20	5		
01152 BODØ VI	6715N	01422E	20		1002.8	1004.3	9.8	.8	9.3	.4	17	113	-10	3	76	78
01241 ORLAND III	6342N	00936E	7		1004.9	1006.1	11.2	1.3	11.2	1.0	24	247	114	5		
01317 BERGEN/FLORIDA	6023N	00520E	36		1005.2	1009.3	12.2	.7	12.2	1.5	20	380	97	5		
01384 OSLO/GARDERMOEN	6012N	01105E	204		984.1	1008.4	11.2	1.9	10.6	1.6	11	103	7	4		
01415 STAVANGER/SOLA	5853N	00538E	9		1009.7	1010.8	12.9	1.2	12.2	1.2	18	154	-2	3		
<b>SWEDEN</b>																
02080 KARESUANDO	6826N	02230E	325		964.0	1003.8	6.4	1.4	8.5	1.0	14	93	48	5	116	105
02128 GUNNARN	6458N	01742E	281		972.2	1006.1	8.0	1.0	9.0	.9	13	97	41	5		
02196 HAPARANDA	6550N	02409E	6		1003.6	1004.3	9.5	1.5	10.4	1.2	14	124	58	6	125	95
02226 FROSON	6312N	01430E	360		961.8	1006.4	9.5	1.5	10.3	1.7	15	84	25	5	108	94
02366 TIMRA/MIDLANDA	6231N	01727E	7		1005.5	1006.0	11.0	1.6	11.3	1.7	10	43	-23	2		
02418 KARLSTAD FLYGPLATS	5922N	01328E	50		996.0	1009.1	12.5	1.6	11.2	.6	11	61	-9	2	170	112
02512 GÖTEBORG/SAVE	5747N	01153E	16		1009.9	1011.7	12.8	.6	12.9	1.4	10	91	10	4	194	136
02550 JONKÖPING/AXAMÖ	5745N	01405E	218		984.0	1011.4	11.6	1.4	11.1	.9	13	59	-12	2		
02590 VISBY FLYGPLATS	5740N	01821E	41		1004.6	1010.9	13.5	1.4	12.6	.7	4	25	-34	1	186	116
<b>FINLAND</b>																
02801 KILPISJARVI	6903N	02047E	476		945.3	1004.0	5.8		7.9		12	63		4		
02805 KEVO	6945N	02702E	101		991.2	1003.7	6.6		8.6		11	49		4	65	75
02836 SODANKYLÄ	6722N	02639E	179		982.2	1004.4	7.4	1.5	8.9		9	73	18	4	75	70
02869 KUUSAMO	6558N	02911E	263		973.5	1006.3	7.9	1.8	9.5		13	84	24	5		
02875 OULU	6456N	02522E	15		1002.9	1004.7	10.5	2.1	10.9		11	84	36	5	112	90
02897 KAJAANI	6417N	02741E	136		989.0	1005.7	10.1	2.3	10.9		19	92	28	5		
02929 JOENSUU	6240N	02938E	117		992.2	1007.0	10.9	2.3	11.4		16	63	-2	3		
02935 JYVASKYLÄ	6224N	02541E	145		989.0	1006.4	10.6	2.3	11.5		16	101	34	6	77	68
02942 NIINISALO	6151N	02228E	136		991.1	1006.7	10.9	2.1	11.5		16	124	51	5		
02963 JOKIOINEN	6049N	02330E	103		994.8	1007.7	11.5	2.1	12.0		17	98	33	5	96	77
02972 TURKU	6031N	02216E	59		1000.6	1007.9	12.2	1.9	12.0		17	97	25	5	90	66
02974 HELSINKI-VANTAA	6019N	02458E	56		1001.5	1008.5	12.2	2.2	12.6		14	93	20	4	111	83
<b>UNITED KINGDOM</b>																
03005 LERWICK	6008N	00111W	84		998.3	1008.2	11.3	1.2	11.7		18	95	-23	2	135	144
03026 STORNOWAY	5813N	00619W	13		1007.7	1009.5	12.1	1.0	12.1		20	131	15	4	118	116
03066 KINLOSS	5739N	00334W	7		1010.1	1010.7	12.8	.8	11.3		15	78	20	5	151	145
03091 ABERDEEN/DYCE AIRPORT	5712N	00213W	65		1003.7	1011.5	13.0	1.3	11.2		9	24	-44	1	181	157
03100 TIREE	5630N	00653W	12		1010.5	1011.5	13.2	1.1	12.9		20	193	63	5	109	98
03162 ESKDALEMUIR	5519N	00312W	242		985.6	1014.6	12.0	1.3	12.0		20	223	74	5	98	104
03257 LEEMING	5418N	00132W	40		1011.6	1015.5	13.9	.7	12.1		6	16	-34	1	161	131

# 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>03302 VALLEY</b>	5315N	00432W	11		1015.4	1016.6	15.1	1.3	13.8			11	85	11	4	138	99
03334 MANCHESTER AIRPORT	5321N	00217W	68		1008.3	1016.5	14.7	1.2	12.9			16	110	36	5	149	121
<b>03377 WADDINGTON</b>	5310N	00031W	68		1008.6	1016.8	14.9	1.3	12.6			8	48	1	4	177	129
03502 ABERPORTH	5208N	00434W	133		1001.9	1017.8	14.5	1.2	13.6			10	82	6	4	132	99
03740 LYNEHAM	5130N	00159W	145		1001.3	1018.6	15.1	1.6	13.1			11	40	-23	3	173	122
03797 MANSTON	5121N	00121E	55		1012.8	1018.7	15.6	.8	14.4			4	15	-41	1	156	99
<b>03808 CAMBORNE</b>	5013N	00519W	88		1009.4	1019.8	15.4		14.5			9	54		2	145	95
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1018.0	1019.2	15.8	2.0	13.9			10	52	-14	3	176	115
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		1006.8	1014.4	13.6	1.2	13.4			12	60	-25	2	108	99
<b>IRELAND</b>																	
<b>03953 VALENTIA OBSERVATORY</b>	5156N	01015W	30		1014.1	1017.7	14.9	1.2	14.6	1.2	19	153	28	4	106	95	
03955 CORK AIRPORT	5151N	00829W	162		998.3	1017.7	13.8	1.2	13.8	1.0	12	97	0	3	123	100	
03957 ROSSLARE	5215N	00620W	25		1014.2	1017.2	14.6	1.0	14.3	1.1	10	118	46	5	122	85	
03962 SHANNON AIRPORT	5242N	00855W	20		1014.2	1016.6	14.8	1.3	13.5	.6	16	95	13	4	109	95	
03967 CASEMENT AERODROME	5318N	00626W	93		1004.7	1015.9	13.9		13.8		10	55			112	90	
03969 DUBLIN AIRPORT	5326N	00615W	85		1005.9	1016.1	13.7	.7	13.1	.8	10	47	-19	2	139	105	
03973 CONNAUGHT AIRPORT	5345N	00849W	209		989.9	1015.1			13.0		20	133			103		
03976 BELMULLET	5414N	01000W	10		1013.1	1014.3	14.3	1.3	14.2	1.5	21	124	15	4	101	90	
<b>03980 MALIN HEAD</b>	5522N	00720W	25		1010.0	1013.0	13.7	1.0	13.1	.9	19	137	35	5	99	95	
<b>ICELAND</b>																	
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		994.6	1000.5	9.1		9.7		20	162		5			
04030 REYKJAVIK	6408N	02156W	61		993.3	1000.7	9.0	1.6	9.2	1.0	19	94	28	3	103	83	
04063 AKUREYRI	6541N	01805W	27		998.9	1002.2	8.8	2.5	8.5	.9	12	57	18	3	72	85	
04082 AKURNES	6418N	01513W	21		1000.0	1002.5	9.3		9.5		15	238		6			
<b>GREENLAND</b>																	
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	41			1006.5	3.1	.7	5.9		7	18	-20				
<b>04250 NUUK (GODTHAAB)</b>	6410N	05145W	70			1005.3	3.9	.4	5.9		6	35	-53				
<b>04320 DANMARKSHAVN</b>	7646N	01840W	12			1010.8	-2.3	1.9	3.6		5	31	20				
04339 ILLOQQOORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1008.1	2.6		5.8		13	144	115				
<b>04360 TASIILAQ (AMASSALIK)</b>	6536N	03738W	52			1004.0	5.2	2.1	7.3		11	97	22				
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			1000.0	5.5	1.0	6.5		8	143	-95				
<b>DENMARK &amp; FAROE IS.</b>																	
<b>06011 THORSHAVN</b>	6201N	00646W	55			1005.4	10.4	1.3	11.0		16	196	54				
06030 AALBORG	5706N	00951E	13			1012.0	13.6	1.2	11.9		8	52					
<b>06186 KOEBENHAVN/LANDBOHOEJSKOLEN</b>	5541N	01233E	7			1014.0	14.6		12.4		7	28					
06190 ROENNE	5504N	01445E	16			1015.1	14.4	.4	14.9		7	29					
<b>NETHERLANDS</b>																	
06235 DE KOOY	5255N	00447E	14		1017.2	1017.3	15.7	1.1	13.7	.1	14	77	-6	3	191	136	
<b>06260 DE BILT</b>	5206N	00511E	15		1017.8	1018.1	15.2	1.2	13.7	.3	10	62	-5	3	184	137	
<b>BELGIUM</b>																	
06447 UCCLÉ	5048N	00421E	104		1007.7	1019.7	15.8	1.4	13.7	.0	9	83	25	4	174	121	
<b>LUXEMBOURG</b>																	

# SURFACE

# SEPTEMBER 2004

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		976.2	1020.6	15.0		12.3		8	40	-30	2	206	130
<b>SWITZERLAND</b>																
06660 ZURICH (TOWN/VILLE).	4723N	00834E	569		955.1	1021.0	15.2	1.3	13.0	.4	9	73	-21	3	171	108
<b>06680 SAENTIS</b>	4715N	00921E	2500		756.8	3132 Z	4.2	.6	6.3	.5	13	200	-11	3	163	93
06700 GENEVE-COINTRIN	4615N	00608E	416		972.4	1020.8	16.8	1.9	13.3	1.1	3	24	-56	1	236	128
06770 LUGANO	4600N	00858E	276		987.6	1019.8	18.8	1.9	14.9	.6	5	57	-103	2	213	113
<b>FRANCE</b>																
07005 ABBEVILLE	5008N	00150E	77		1010.6	1019.8	16.0		14.7		10	36			181	120
07015 LILLE	5034N	00306E	52		1013.7	1019.3	16.5		14.0		8	41			187	130
07020 LA HAGUE	4943N	00156E	9		1018.4	1020.0	16.8		15.7		9	22				
07027 CAEN	4911N	00027W	78		1012.3	1020.3	16.1	1.4	14.9		6	17	-44	1	183	109
07037 ROUEN	4923N	00111E	157		1002.2	1020.3	15.9		14.1		9	27			179	120
07070 REIMS	4918N	00402E	99		1009.4	1020.2	16.1		13.8		5	14			201	125
07110 BREST	4827N	00425W	99		1009.5	1020.8	15.6	.9	15.0		9	43	-37	2	161	96
07117 PLOUMANACH	4850N	00328W	71		1014.0	1020.6	16.0		15.7		7	23				
<b>07130 RENNES</b>	4804N	00144W	37		1015.6	1020.7	17.0		14.3		4	33			203	125
07139 ALENCON	4827N	00007E	144		1003.5	1020.6	16.1		13.9		5	27			188	125
07149 PARIS-ORLY	4844N	00224E	96		1009.7	1020.4	17.4		13.8		2	11				
<b>07190 STRASBOURG</b>	4833N	00738E	154		1002.3	1020.4	16.3	1.3	13.6		6	25	-30	1	173	104
07207 LE TALUT	4718N	00313W	43		1016.2	1021.3	17.7		15.7		6	30				
07222 NANTES	4710N	00136W	27		1017.7	1020.8	17.8	1.4	14.4		4	17	-45	1	213	112
07255 BOURGES	4704N	00222E	166		1001.0	1020.6	17.1	1.1	14.3		4	25	-36	2	218	118
07280 DIJON	4716N	00505E	227		994.0	1020.8	16.9	1.2	13.6		2	9	-57	0	216	112
07299 BALE-MILHOUSE	4736N	00731E	271		988.7	1020.8	15.9		13.9		6	28			186	115
07314 CHASSIRON	4602N	00125W	22		1018.3	1021.1	19.4		16.6		5	19				
07335 POITIERS	4635N	00019E	129		1006.8	1021.0	17.4		14.5		4	11			217	120
07434 LIMOGES	4552N	00111E	402		974.0	1020.9	16.6		14.8		8	39			221	125
07460 CLERMONT-FERRAND	4547N	00310E	332		982.3	1020.8	16.9		13.9		3	14			218	115
07471 LE BUY	4505N	00346E	833		926.0		13.4		11.7		5	25			212	115
07481 LYON/SATOLAS	4544N	00505E	248		992.5	1020.7	18.0		14.4		4	17			221	120
07510 BORDEAUX/MERIGNAC	4450N	00042W	61		1014.4	1020.8	19.0		16.0		8	51	-22	2	203	110
07535 GOURDON	4445N	00124E	264		990.3	1020.9	17.4		14.7		6	32			226	115
07560 MONT AIGOUAL	4407N	00335E	1567		848.3		10.4		10.0		5	56				
07591 EMBRUN	4434N	00630E	876		919.5		16.5		10.4		5	35			281	125
07607 MONT-DE-MARSAN	4355N	00030W	63		1013.8	1020.9	18.4		17.1		4	31			174	95
<b>07630 TOULOUSE/BLAGNAC</b>	4338N	00122E	153		1002.0	1020.6	19.8		15.3		5	25	-22	1	193	95
07643 MONTPELLIER	4335N	00358E	6		1018.8	1019.7	20.2		15.9		4	111			290	125
07661 CAP CEPET	4305N	00556E	136		1002.3	1018.0	21.1		15.1		4	33				
07690 NICE	4339N	00712E	10		1014.7	1017.8	21.4		17.0		3	47		3	276	115
07747 PERPIGNAN	4244N	00252E	48		1014.2	1019.7	21.2		16.7		2	21	-26	2	250	115
07761 AJACCIO	4155N	00848E	9		1016.7	1017.8	21.0		16.6		3	18	-25	2	273	105
07790 BASTIA	4233N	00929E	12		1016.5	1017.9	21.2		17.9		4	41			261	115
<b>SPAIN</b>																
08001 LA CORUNA	4322N	00825W	67		1012.0	1020.0	19.2	1.1	17.0	.7	6	26	-36	2	192	110
08015 OVIEDO	4321N	00552W	339		980.5	1019.9	18.0	.6	17.0	1.7	10	89	38	5	161	105
08023 SANTANDER	4328N	00348W	59		1014.1	1021.0	19.3	.7	18.9	2.4	11	166	74	5	171	106

## SURFACE

SEPTEMBER 2004

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	
08027 SAN SEBASTIAN/IGUELDO	4318N	00203W	259		990.3	1020.5	18.8	.9	17.4	1.1	13	105	-10	3	167	104
08045 VIGO/PEINADOR	4213N	00838W	255		990.5	1020.5	19.2	1.2	16.8	1.0	5	50	-62	2	226	106
08075 BURGOS/VILLAFRIA	4222N	00338W	891		919.5	1557 Y	17.2	1.4	13.3	.6	4	35	-4	3		
08084 LOGRONO/AGONCILLO	4227N	00220W	363		978.0	1019.8	20.3	1.1	16.1	2.5	7	53	25	5	218	101
08141 VALLADOLID	4139N	00446W	739		934.7	1017.1	19.3	1.1	11.7	.7	2	6	-27	2	284	117
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		988.5	1018.1	22.7	2.1	15.1	.1	1	4	-22	1	269	115
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1019.0	1019.5	23.0	2.0	21.4	2.3	6	68	-11	3	249	121
08184 GERONA/COSTA BRAVA	4154N	00246E	129		1004.4	1019.4	21.3	1.2	17.3	.0	5	23	-35	2	204	107
08202 SALAMANCA/MATACAN	4057N	00530W	795		928.9	1018.1	17.8	.3	12.1	-.7	1	2	-29	1	257	106
08221 MADRID/BARAJAS	4027N	00333W	582		951.4	1016.7	21.7	1.4	10.1	-2.9	1	8	-19	2	309	124
08238 TORTOSA	4049N	00030E	50		1012.2	1018.0	24.2	1.4	20.0	1.3	4	73	3	4	226	104
08261 CACERES	3928N	00620W	405		972.5	1018.4	23.2	.5	12.2	.1	0	T	-25	1	289	110
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		939.1	1017.3	22.0	2.0	15.8	2.0	1	11	-13	3	243	99
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1010.8	1018.0	24.1	1.5	21.7	2.5	6	129	82	5	229	97
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1018.2	1018.8	24.1	2.5	21.3	1.2	0	T	-49	1	225	91
08314 MENORCA/MAHON	3952N	00414E	82		1009.0	1018.9	23.8	1.6	21.1	1.1	2	9	-45	1	220	96
08330 BADAJOZ/TALavera LA REAL	3853N	00649W	192		996.1	1017.3	23.2	.7	14.1	-1.3	2	7	-17	2	286	111
08348 CIUDAD REAL	3859N	00355W	629		947.0	1017.1	23.1	2.2	12.9	-1.8	1	3	-21	1	278	112
08359 ALICANTE	3822N	00030W	82		1008.4	1017.9	25.0	1.7	22.7	2.9	0	T	-41	1	187	74
08373 IBIZA/ES CODOLA	3852N	00123E	12		1016.4	1018.4	24.9	1.4	23.3	1.5	2	19	-23	2	217	89
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1012.9	1016.4	25.7		16.3		0	T		1	262	100
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1007.0	1017.5	25.2	1.4	17.1	1.3	1	6	-20	2	274	110
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1017.5	1017.8	24.4	1.7	25.3	4.0	0	T	-31	1	214	109
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1014.8	1017.9	24.2	.6	18.0	.0	0	T	-19	2	263	102
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1016.4	1017.2	24.1	1.0	19.4	.8	0	T	-14	3	254	101
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1014.8	1017.2	24.8	.7	21.1	.9	2	3	-7	5	224	89
<b>GIBRALTAR</b>																
08495 GIBRALTAR	3609N	00521W	5		1018.6	1019.2	22.8					6		2	260	95
<b>PORTUGAL</b>																
08506 HORTA (ACORES)	3831N	02838W	62		1015.9	1023.2	22.4	1.1	21.5	1.1	9	95	5	4	206	116
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1012.0	1024.3	21.8	.4	21.5	1.8	4	21	-36	0		
08535 LISBOA/GEOP	3843N	00909W	95		1006.7	1017.8	21.7	.0	18.1	1.0	3	33	7	5	266	102
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1007.3	1019.1	19.6	.6	16.7	.0	4	18	-46	1	268	120
08558 EVORA/C. COORD	3832N	00754W	246		989.3	1017.8	22.4		14.2		1	21			266	
08575 BRAGANCA	4148N	00644W	692		940.5	1019.6	18.2	-.1	12.0	.2	4	25	-13	3	260	108
<b>GERMANY</b>																
10035 SCHLESWIG	5432N	00933E	48		1009.7	1015.4	13.8	.8	12.5	-.1	13	109	23	4	183	127
10055 WESTERMARKELSDORF	5432N	01104E	9		1014.4	1015.4	15.0		13.5		8	38			201	125
10091 ARKONA	5441N	01326E	42		1010.2	1015.2	14.5		13.5		8	40			214	125
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	15		1014.7	1016.5	14.4	.9	12.4	-.3	12	93	23	5	186	132
10161 BOLTENHAGEN	5400N	01112E	17		1013.9	1016.0	14.3		13.0		9	49			199	125
10162 SCHWERIN	5339N	01123E	68		1008.2	1016.4	14.2		12.2		12	74		4	196	130
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1014.2	1015.6	15.0	1.1	12.8	-.2	12	69	15	4	198	126
10184 GREIFSWALD	5406N	01324E	6		1015.2	1015.9	14.0		12.6		9	44			189	115
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1015.9	1016.5	14.7		13.1		12	93			173	120
10261 SEEHAUSEN	5254N	01144E	23		1014.1	1016.9	14.1		11.1		7	33			194	130

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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	
10270 NEURUPPIN	5254N	01249E	39		1011.8	1017.2	14.3		12.1		9	36		2	196	125
10291 ANGERMUENDE	5302N	01400E	35		1010.4	1017.0	14.0		11.7		6	28			191	115
10338 HANNOVER	5228N	00941E	59		1010.8	1017.9	14.8	1.1	12.7	-2	11	51	-2	4	202	146
10361 MAGDEBURG	5208N	01136E	85		1008.1	1018.3	14.5		11.5		7	24		2	196	130
10379 POTSDAM	5223N	01304E	100		1006.0	1017.9	14.5	.6	12.1	-5	7	24	-22	1	198	123
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1012.0	1017.9	15.0		12.1		8	26			198	120
10385 BERLIN-SCHOENEFELD	5223N	01331E	50		1011.6	1017.7	14.4		11.6		9	30			202	
10393 LINDENBERG	5213N	01407E	104		1004.3	1018.2	14.6	.7	11.7	-5	8	31	-10	2	199	127
10410 ESSEN	5124N	00658E	161		999.8	1019.0	15.2	.8	12.8	-2	14	100	27	5	181	135
10453 BROCKEN	5148N	01037E	1153		886.6	1500 Y	8.2		9.5		13	141			161	135
10460 ARTERN	5123N	01118E	166		999.3	1019.1	14.7		11.5		9	21			194	135
10469 LEIPZIG-SCHKEUDITZ	5125N	01214E	149		1002.3	1018.4	14.6		11.3		9	28		2	193	135
10474 WITTENBERG	5153N	01239E	106		1005.4	1018.1	14.8		12.1		6	34			187	125
10480 OSCHATZ	5118N	01306E	152		1000.8	1018.9	14.4		11.6		7	33			194	135
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		991.5	1019.0	14.7		11.4		8	56			196	130
10496 COTTBUS	5147N	01419E	70		1010.0	1018.3	14.5		12.0		5	20			208	130
10499 GOERLITZ	5110N	01457E	240		990.3	1018.6	14.1	.5	11.2	-1.1	8	37	-15	2	203	133
10548 MEININGEN	5034N	01023E	453		966.4	1019.7	13.2		11.1		7	64		5	189	125
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		980.9	1018.9	14.0		11.4		6	31			201	125
10557 NEUHAUS A.R.	5030N	01108E	268		921.5	1520 Y	10.7		9.9		11	106			181	
10567 GERA-LEUMNITZ	5053N	01208E	311		982.0	1018.8	14.0		10.9		10	42			200	130
10577 CHEMNITZ	5048N	01252E	420		969.9	1019.2	13.9		10.9		9	62			186	125
10578 FICHTELBERG	5026N	01257E	1215		881.7	1517 Y	8.4	.2	9.2	-3	11	126	37	5	172	119
10609 TRIER-PETRISBERG	4945N	00640E	273		987.8	1020.0	15.4	1.4	13.4	.8	5	29	-30	1	195	128
10628 GEISENHEIM	4959N	00757E	123		1005.5	1020.1	15.9	1.2	12.4	-4	6	26	-15	2	210	134
10727 KARLSRUHE	4902N	00822E	145		1003.2	1020.4	16.5	1.1	13.9	.4	6	39	-14	3	195	113
10738 STUTTGART- ECHTERDINGEN	4841N	00914E	391		974.5	1020.3	15.0		11.7		9	43		2	184	110
10763 NUERNBERG	4930N	01103E	318		982.5	1019.9	14.4	.4	11.3	-9	7	36	-15	2	175	103
10870 MUENCHEN, FLUGHAFEN	4822N	01148E	447		967.9	1020.1	14.4	1.0	12.3	.4	10	66	-2	3	197	119
10929 KONSTANZ	4741N	00911E	447		968.5	1020.5	15.8	1.1	13.6	.3	9	50	-21	3	178	104
10946 KEMPTEN	4743N	01020E	705		939.2	1020.6	13.2		12.0		11	102			169	95
10961 ZUGSPITZE	4725N	01059E	2962		714.3	3126 Z	1.2	.7	5.0	-2	13	160	45	5	189	104
10962 HOHENPEISSIONBERG	4748N	01101E	986		908.4	1540 Y	12.6	.6	11.0	-1	10	94	-13	3	183	103
<b>AUSTRIA</b>																
11028 ST. POELTEN	4811N	01537E	284		986.4	1019.9	14.3		12.2	-4	7	72	18	4	197	115
11035 WIEN/HOHE WARTE	4814N	01621E	209		995.3	1019.8	15.4		12.6	-3	5	40	-5	3	216	126
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	593		951.6	1020.4	14.3		12.9		11	79		3	192	105
11146 SONNBLICK	4703N	01257E	3111		700.4	3113 Z	.0		4.9	-3	13	107	-72	3	204	122
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		967.9	1020.6	14.3		12.3	-5	12	134	44	4	169	100
11155 FEUERKOGEL	4749N	01344E	1621		841.5	1538 Y	8.2		8.9		14	222		4	175	100
11212 VILLACHERALPE	4636N	01340E	2160		788.1	1547 Y	5.7		7.7		5	99		2	211	115
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		964.8	1020.5	14.0		13.0	.1	5	46	-44	2	221	121
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		977.7	1020.4	14.8		13.1	-5	5	43	-33	2	223	133
<b>CZECH REPUBLIC</b>																
11423 PRIMDA	4940N	01240E	748		933.6		12.0		10.9		8	84		4	194	125
11464 MILESOVKA	5033N	01356E	836		923.0		11.2		10.3		8	26		2	208	125
11487 KOCELOVICE	4928N	01350E	522		959.1	1020.1	13.1		10.5		7	77		5	192	125



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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			
11518 PRAHA/RUZYNE	5006N	01415E	380		976.8	1019.9	13.9	.7	10.7	-1.1	6	33	-7	2	198	123
11520 PRAHA-LIBUS	5000N	01427E	303		983.9	1019.8	14.8		11.0		7	43		3	197	130
11603 LIBEREC	5046N	01501E	399		972.3	1019.6	13.1		11.0		12	54		3	194	135
11659 PRIBYSLAV	4935N	01546E	536		957.8	1020.5	13.1		10.3		5	49		3	186	120
11723 BRNO/TURANY	4910N	01642E	246		991.1	1020.2	14.8	.5	11.2	-.8	6	40	3	4	207	128
11782 OSTRAVA/MOSNOV	4941N	01807E	260		989.1	1019.9	14.0	.4	11.3	-.8	7	32	-26	2	199	133
<b>SLOVAKIA</b>																
11903 SLIAC	4839N	01909E	315		983.0	1020.4	13.3	-.2	10.6	-1.2	3	29	-27	2	196	125
11934 POPRAD/TATRY	4904N	02015E	695		939.1		11.1	-.4	10.1	-.1	3	23	-25	1	219	124
<b>POLAND</b>																
12120 LEBA	5445N	01732E	2		1014.5	1015.2	13.8		12.9		10	112		4	187	
12160 ELBLAG	5410N	01926E	43		1011.0	1016.2	13.6		12.6		12	55		3	146	105
12205 SZCZECIN	5324N	01437E	3		1016.1	1016.9	14.1	.6	12.1	-.6	6	22	-22	1	176	125
12295 BIALYSTOK	5306N	02310E	151		999.7	1017.9	12.0	.0	11.3	-.5	5	17	-35	1	185	125
12330 POZNAN	5225N	01650E	92		1007.4	1018.0	14.1	.7	11.1	-1.0	7	23	-20	2	190	138
12375 WARSZAWA-OKECIE	5210N	02058E	107		1005.5	1018.3	13.6	.5	11.1	-1.1	7	17	-26	6	241	195
12424 WROCLAW II	5106N	01653E	121		1004.2	1019.1	14.4	1.0	11.3	-1.3	5	18	-30	2	197	142
12497 WLODAWA	5133N	02332E	179		997.3	1018.9	12.8		11.4		6	25		1	188	120
12566 KRAKOW	5005N	01948E	237		991.4	1019.9	13.7	.6	11.7	-.7	5	36	-18	2	188	146
<b>HUNGARY</b>																
12843 BUDAPEST/LORINC	4726N	01911E	139		1003.3	1019.9	16.3	-.1	11.2	-1.7	4	14	-26	1	187	95
12882 DEBRECEN	4729N	02136E	109		1006.5	1019.4	15.1	-.7	12.3	-1.0	8	33	-5	3	208	104
12942 PECS/POGANY	4606N	01814E	203		996.3	1020.5	15.8	-.8	12.5	-.6	4	50	3	3	180	87
12982 SZEGED	4615N	02006E	83		1010.4	1020.3	15.7	-.8	12.6	-.6	6	43	9	4	202	97
<b>SLOVENIA</b>																
14008 KREDARICA	4623N	01351E	2515		752.2	3130 Z	4.0		6.3		8	244		4	179	110
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	298		985.5	1020.5	15.6		13.6		7	118		3	166	100
<b>CROATIA</b>																
14236 ZAGREB/GRIC	4549N	01559E	162		1000.8	1020.0	16.9		13.5		6	82		3	164	85
14445 SPLIT/MARJAN	4331N	01626E	128		1002.0	1016.8	22.2		13.9		2	11		1	260	105
<b>BOSNIA AND HERZGOVINA</b>																
14654 SARAJEVO/BEJELAVE	4352N	01826E	638		946.6	1020.1	15.1	.0	11.8	-.2	5	36	-34	1	173	93
<b>YUGOSLAVIA</b>																
13274 BEOGRAD	4448N	02028E	132			1010.0	17.2	-.5	13.6	-.1	5	45	-6	3	187	93
13463 PODGORICA-GRAD	4226N	01917E	50		1011.9	1018.0	22.6		13.8		4	116		3	245	100
<b>ROMANIA</b>																
15085 BISTRITA	4708N	02430E	367		976.2	1019.6	13.5	.0	11.8	-.6	11	60	17	4	179	91
15090 IASI	4710N	02738E	104		1007.0	1019.4	16.2	.3	12.5	-.6	10	61	13	4	185	89
15120 CLUJ-NAPOCA	4647N	02334E	413		971.4	1020.1	13.4	-.7	11.5	-1.1	7	68	32	5	180	88
15247 TIMISOARA	4546N	02115E	88		1009.0	1019.2	15.7	-.8	12.1	-1.6	7	56	16	4	171	79
15260 SIBIU	4548N	02409E	444		967.3	1019.7	13.7	-.7	11.7	-1.0	7	85	34	5	162	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.
					mb	mb	°C	°C	mb	mb		mm	mm		hr	
15360 SULINA	4509N	02940E	9		1017.6	1018.3	18.7	.4	17.9	.7	2	40	7	2	247	111
15420 BUCURESTI/IMH	4430N	02608E	91		1007.8	1018.2	15.8	-1.1	12.8	-1.0	1	70	28	5	233	104
15480 CONSTANTA	4413N	02838E	14		1018.1	1019.6	18.7	.4	16.7	.2	3	27	-2	3	232	96
<b>BULGARIA</b>																
15552 VARNA	4312N	02755E	43		1013.4	1018.5	18.4	-.1	16.9	1.0	4	39	8	4	259	118
15614 SOFIA (OBSERV.)	4239N	02323E	595		950.0	1018.1	17.1	1.0	12.4	.7	6	37	-1	4	234	108
<b>ITALY</b>																
16045 UDINE/RIVOLTO	4559N	01302E	53		1012.6	1018.8	17.7		15.7		7	74	-25	3		
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1010.7	1018.7	19.8		17.2		4	79	17	4	219	110
16110 TRIESTE	4539N	01345E	20		1017.8	1018.2	20.9		14.7		4	76	-26	2	217	103
16158 PISA/S. GIUSTO	4341N	01023E	6		1017.5	1018.2	20.7		16.0		4	79	-8	3	244	111
16325 MARINA DI GINOSA	4026N	01653E	12		1014.7	1016.1	21.8		18.4		3	8	-27	1		
16420 MESSINA	3812N	01533E	51		1010.4	1016.7	23.5		23.4		9	106	52	5	232	97
16429 TRAPANI/BIRGI	3755N	01230E	14		1016.4	1017.4	23.3		21.8		6	64	23	4	253	99
<b>MALTA</b>																
16597 LUQA	3551N	01429E	91		1009.2	1017.6	23.4	-.7	19.4	-2.5	7	80	40	5	264	100
<b>GREECE</b>																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1017.6	1018.1	22.4	.6	16.5	.5	3	42	16	4	243	106
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1015.5	1016.0	22.9	.2	18.3	-.6	3	63	-11	3	231	90
16648 LARISSA (AIRPORT)	3938N	02225E	74		1008.7	1017.3	21.8	-.2	15.0	.1	2	20	-9	4	226	91
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1014.6	1016.3	24.4	.1	17.0	.6	0	T	-9	2	266	96
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1014.4	1015.7	23.0	-.3	17.7	-.7	6	82	54	5	273	101
16746 SOUDA (AIRPORT)	3529N	02407E	151		998.2	1015.8	23.3	.3	18.2	.9					290	101
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1010.4	1015.2	23.9	.4	18.5	.5					289	103
<b>TURKEY</b>																
17022 ZONGULDAK	4127N	03148E	137		1002.3	1018.4	18.9	.5	16.2	1.1	4	62	-31	3	246	100
17030 SAMSUN	4117N	03618E	4		1018.9	1019.4	20.1	.5	19.3	2.0	3	37	-12	3	250	145
17034 GIRE SUN	4055N	03823E	37		1013.3	1017.8	20.2	.5	17.2	-.7	9	215	103	5		
17040 RIZE	4102N	04031E	9		1015.9	1016.9	20.0	.6	19.0	.8	11	166	-54	2	163	130
17050 EDIRNE	4140N	02634E	51		1012.2	1018.2	20.6	1.0	15.0	1.4	0	T	-36	1	253	100
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1012.6	1016.5	20.9	1.2	17.9	1.2	1	8	-32	1	270	105
17074 KASTAMONU	4122N	03347E	800		926.8	1017.5	15.7	.4	10.7	-.3	3	31	4	4	248	100
17084 CORUM	4033N	03457E	776		928.9	1016.7	16.7	.0	12.1	1.4	1	3	-18	1	278	105
17090 SIVAS	3945N	03701E	1285		874.4	1014.9	16.4	.7	10.4	1.1	0	T	-17	1	330	115
17092 ERZINCAN	3945N	03930E	1218		879.9	1011.7	19.6	1.2	12.8	3.0	1	1	-11	1	271	90
17096 ERZURUM	3957N	04110E	1758		826.3	1013.4	13.8	-1.0	5.6	-2.7	1	6	-15	2	240	80
17098 KARS	4037N	04306E	1775		825.7	1015.2	13.4	.2	8.7	-.3	3	31	5	4	270	100
17112 CANAKKALE	4008N	02624E	6		1011.6	1012.3	24.8	4.2	20.8	4.0	0	T	-28	1	339	125
17116 BURSA	4011N	02904E	100		1005.2	1016.9	20.4	.5	15.0	.2					255	100
17130 ANKARA/CENTRAL	3957N	03253E	891		916.0	1014.9	19.3	1.0	10.8	1.2	1	3	-16	2	310	105
17170 VAN	3827N	04319E	1662		833.7	1009.2	18.0	1.2	10.3	2.0					327	105
17188 USAK	3841N	02924E	919		911.8	1013.4	20.1	1.3	13.2	1.6	1	2	-16	2		
17190 AFYON	3845N	03032E	1034		900.7	1014.8	18.4	1.0	11.3	1.6					273	95
17199 MALATYA/BOLGE	3821N	03819E	948		907.8	1011.0	22.9		11.4						334	115

# 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.
					mb	mb	°C	°C	mb	mb		mm	mm		hr	
17210 SIIRT	3755N	04157E	896		912.4	1009.1	25.8	.8	9.4	.6					310	100
17220 IZMIR/GUZELYALT	3826N	02710E	29		1010.8	1014.1	24.1	.7	18.8	2.6					302	95
<b>17240 ISPARTA</b>	<b>3745N</b>	<b>03033E</b>	<b>997</b>		<b>904.0</b>	<b>1013.8</b>	<b>19.2</b>	<b>.9</b>	<b>11.2</b>	<b>1.1</b>					<b>319</b>	<b>105</b>
17244 KONYA	3758N	03233E	1031		900.8	1014.2	18.6	.3	7.1	-3.0					319	105
17250 NIGDE	3758N	03441E	1210		881.8	1013.7	18.3	1.0	8.4	-.6					326	105
17255 KAHRAMANMARAS	3736N	03656E	572		946.6	1009.7	26.3	1.3	14.2	.0					271	90
17270 SANLIURFA	3708N	03846E	549		948.2	1008.3	27.3	.6	12.3	1.5					294	90
17280 DIYARBAKIR	3753N	04012E	677		934.3	1008.3	25.1	.2	5.8	-4.5					289	90
17285 HAKKARI	3734N	04346E	1728		828.0	1007.0	21.0	1.1	6.6	-1.8					324	100
17292 MUGLA	3713N	02822E	646		940.4	1012.4	22.3	.7	12.8	.7	2	5	-18	3	278	90
17300 ANTALYA	3642N	03044E	54		1004.6	1010.4	25.5	1.0	17.2	-.9	00	T	-12	2	304	95
17340 MERSIN	3648N	03438E	3		1011.1	1011.5	26.3	1.5	22.6	.6					301	105
17351 ADANA/BOLGE	3659N	03521E	27		1007.3	1010.4	26.4		21.2						282	100
<b>CYPRUS</b>																
17609 LARNACA AIRPORT	3453N	03338E	2		1011.5	1011.8	25.5	.9	19.7		0	0	0		341	108
<b>RUSSIAN FEDERATION (EUROPE)</b>																
22113 MURMANSK	6858N	03303E	51		998.0	1004.2	7.8	1.1	8.5	.5	14	74	21	5	92	103
<b>22165 KANIN NOS</b>	<b>6839N</b>	<b>04318E</b>	<b>49</b>		<b>998.7</b>	<b>1004.6</b>	<b>7.0</b>	<b>1.2</b>	<b>9.0</b>	<b>.7</b>	<b>14</b>	<b>64</b>	<b>19</b>	<b>5</b>	<b>45</b>	<b>53</b>
<b>22550 ARHANGEL'SK</b>	<b>6430N</b>	<b>04044E</b>	<b>8</b>		<b>1006.7</b>	<b>1007.7</b>	<b>9.4</b>	<b>1.6</b>	<b>10.4</b>	<b>1.3</b>	<b>17</b>	<b>99</b>	<b>38</b>	<b>5</b>	<b>92</b>	<b>79</b>
<b>22837 VYTEGRA</b>	<b>6101N</b>	<b>03627E</b>	<b>56</b>		<b>1003.6</b>	<b>1010.3</b>	<b>11.6</b>	<b>2.3</b>	<b>11.3</b>	<b>1.3</b>	<b>17</b>	<b>74</b>	<b>-3</b>	<b>3</b>	<b>163</b>	<b>135</b>
<b>ESTONIA</b>																
26038 TALLINN	5923N	02435E	34		1005.9	1009.6	12.7	1.9			15	103	21	4	127	91
<b>RUSSIAN FEDERATION (EUROPE)</b>																
<b>26063 ST. PETERBURG</b>	<b>5958N</b>	<b>03018E</b>	<b>6</b>		<b>1009.4</b>	<b>1010.1</b>	<b>13.3</b>	<b>2.3</b>	<b>12.6</b>	<b>1.8</b>	<b>15</b>	<b>89</b>	<b>20</b>	<b>5</b>	<b>113</b>	<b>88</b>
<b>ESTONIA</b>																
26214 VILSANDI	5823N	02149E	6		1009.6	1010.3	14.7	2.1			11	54	-19	2	146	85
<b>26242 TARTU</b>	<b>5818N</b>	<b>02644E</b>	<b>68</b>		<b>1003.0</b>	<b>1011.5</b>	<b>12.3</b>	<b>1.8</b>			<b>13</b>	<b>93</b>	<b>28</b>	<b>5</b>	<b>94</b>	<b>68</b>
<b>LATVIA</b>																
26346 ALUKSNE	5726N	02702E	193		989.0	1012.8	11.2		11.7		17	89			90	60
<b>LITHUANIA</b>																
26509 KLAJPEDA	5544N	02104E	7		1013.1	1014.0	15.1	1.8	13.7	1.4	13	92	3	3	181	108
26524 SIAULIAI	5556N	02319E	107		1001.2	1014.1	12.7	1.0	12.5	1.2	13	76	16	4	143	86
<b>LATVIA</b>																
26544 DAUGAVPILS	5552N	02637E	122		999.9	1014.8	12.0	.8	11.8	.8	10	59	-7		147	97
<b>LITHUANIA</b>																
26629 KAUNAS	5453N	02350E	77		1006.5	1015.8	12.7	.8	12.2	.7	9	35	-21		186	116
26730 VILNIUS	5438N	02506E	156		997.4	1016.1	12.3	.7	11.2	.2	8	40	-25		197	141
<b>BELARUS</b>																
26850 MINSK	5356N	02738E	231		992.4	1016.9	12.5	.8	11.5	.7	10	80	20	4	204	123

# 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>RUSSIAN FEDERATION (EUROPE)</b>																
27037 VOLOGDA	5919N	03955E	130		997.3	1012.9	10.9	1.9	11.2	1.4	11	75	20	4	147	120
27595 KAZAN'	5536N	04917E	116		1002.3	1016.5	13.2	1.9	11.2	1.2	10	63	12	2	177	111
<b>27612 MOSKVA</b>	5550N	03737E	156		997.3	1016.0	12.1	1.1	12.5	2.1	11	88	24			
<b>UKRAINE</b>																
33275 SUMY	5051N	03440E	181		996.6	1018.3	13.4	.4	12.0		9	64	19	4		
33301 RIVNE	5035N	02608E	231		992.2	1020.0	13.1	.0	11.8		8	41	-7	3		
33345 KYIV	5024N	03034E	167		999.2	1019.2	14.2	.3	12.1	.4	8	79	32	5		
<b>33377 LUBNY</b>	5000N	03301E	158		999.6	1018.5	14.0	.1	12.3		11	94	50	5		
33393 L'VIV	4949N	02357E	323		982.2	1020.6	12.4	-.7	11.2	-.7	10	42	-16	2	177	99
33415 TERNOPIIL'	4932N	02540E	329		980.3	1019.3	12.7	-.2	10.9		7	33	-19	2		
33429 KHMEL'NYTS'KYI	4926N	02659E	350		978.4	1019.8	13.1	-.1	11.5		8	42	-9	3		
33506 POLTAVA	4936N	03433E	160		999.1	1018.1	14.6	.3	12.6	1.6	11	58	14	5	206	96
33526 IVANO-FRANKIVS'K	4858N	02424E	280		986.5	1019.8	12.9	-.6	11.9		9	53	1	4		
33562 VINNYTSIA	4914N	02836E	298		983.9	1019.1	13.3	-.1	11.9	.5	11	60	14	4	200	103
<b>33587 UMAN'</b>	4846N	03014E	216		993.9	1019.6	13.6	.0	12.0	.4	11	75	32	5		
33631 UZHHOROD	4838N	02216E	124		1005.9	1019.9	14.7	-.9	12.1	-.5	8	93	40	5	194	101
33658 CHERNIVTSI	4822N	02554E	246		990.5	1019.6	13.8	-.5	12.0	-.1	11	51	0	3	164	87
33711 KIROVOHRAD	4831N	03212E	171		998.4	1018.4	14.6	-.1	12.4		7	84	46	5		
33777 VOZNESENS'K	4734N	03120E	34		1014.7	1018.7	16.4		13.5		7	68		5		
33791 KRYVVI RIH	4802N	03313E	124		1003.7	1018.5	15.9	.2	12.8		8	42	11	4	218	95
<b>REPUBLIC OF MOLDOVA</b>																
33815 KISINEV	4701N	02859E	173		997.7	1019.0	15.9	-.3	12.5	.7	8	70	24	4	205	91
<b>UKRAINE</b>																
33837 ODESA	4626N	03046E	42		1013.7	1018.7	17.3	.3	14.9	1.4	6	22	-14	3	244	102
33889 IZMAIL	4522N	02851E	30		1015.1	1018.7	17.5	.5	13.9	.6	4	17	-29	2	249	105
33902 KHERSON	4638N	03234E	54		1011.6	1018.0	17.1	.7	13.9		5	21	-19	2	251	105
<b>33915 ASKANIIA-NOVA</b>	4627N	03353E	30		1014.7	1018.3	17.2	.7	14.0	2.1	5	35	7	5	262	108
33946 SIMFEROPOL'	4441N	03408E	181		996.9	1018.1	17.1	.5	14.3	1.8	3	29	-8	2	275	105
<b>33998 AI-PETRI</b>	4426N	03405E	1180		886.3		12.3	1.3	8.8		5	47	-17	3	265	110
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34123 VORONEZ	5142N	03913E	149		1000.1	1017.9	14.1		12.2		10	76		5		
<b>UKRAINE</b>																
34300 KHARKIV	4958N	03608E	155		1000.2	1018.7	14.7	.6	12.4	1.4	8	47	6	3	202	109
<b>KAZAKHSTAN</b>																
34398 ZHALPAKTAL	4940N	04929E	10		1016.7	1017.9	17.9	2.5	9.9	.5	1	5	-16			
<b>UKRAINE</b>																
34415 IZIUH	4911N	03718E	78		1009.0	1018.4	14.8		13.2		7	90		5		
34519 DONETS'K	4804N	03746E	225		991.7	1018.3	16.0	1.1	12.4		6	28	-12	3		
34523 LUHANS'K	4834N	03915E	62		1011.0	1018.4	15.6	.5	13.2		7	48	16	4	218	160
34712 MARIUPOL'	4702N	03730E	70		1009.8	1018.1	17.3		14.3		4	39		4		

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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>RUSSIAN FEDERATION (EUROPE)</b>																
34880	ASTRAHAN'	4617N	04803E	-23	1021.2	1018.7	18.5	1.1	15.7	3.2	3	12	-11	2		
<b>AZERBAIJAN</b>																
37661	SHAKI	4113N	04710E	641	946.1	1018.4	20.4	1.5	16.0	1.5						
37735	GYANCA	4043N	04625E	311	982.4	1018.1	22.0	1.4	16.7	1.5					99	
37860	MASHTAGA	4032N	05000E	28	1014.6	1017.9	22.0	1.9	20.4	2.6						
37989	ASTARA	3827N	04853E	-22	1021.4	1018.8	21.5	1.2	22.4	2.8					103	56
<b>UZBEKISTAN</b>																
38178	AK-BAJTAL	4309N	06420E	234	989.7	1016.7	21.6	1.6	9.7	2.0						
<b>SYRIAN ARAB REPUBLIC</b>																
40001	KAMISHLI	3703N	04113E	455	956.1	1007.2	28.8	1.3	9.1	.5						
40007	ALEPPO INT. AIRPORT	3611N	03712E	384	965.9	1010.0	25.8	.6	12.7	-1.8						
40022	LATTAKIA	3532N	03546E	7	1010.6	1011.4	25.7	.1	23.2	.7	0	0	-8	0	301	105
40030	HAMA	3507N	03645E	303	975.5	1009.5	26.3	1.0	15.0	1.6						
40045	DEIR EZZOR	3519N	04009E	212	986.4	1009.4	28.0	1.1	12.2	1.4						
40061	PALMYRA	3433N	03818E	404	963.7	1008.7	27.0	.8	11.9	-.8					330	111
40080	DAMASCUS INT. AIRPORT	3325N	03631E	609	942.1	1009.5	23.8	.6	10.5	-.6					317	104
<b>ISRAEL</b>																
40180	BEN-GURION INT. AIRPORT	3200N	03454E	49	1006.4	1011.8	26.3		20.5		0	0		4		
40199	EILAT	2933N	03457E	12	1009.6	1009.9	30.7	.3	15.4		0	0		5	313	100
<b>JORDAN</b>																
40310	MA'AN	3010N	03547E	1070	893.5	1503 Y	19.1	.0	9.3	-1.9						
<b>ASIA</b>																
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
20069	OSTROV VIZE	7930N	07659E	10	1009.8	1011.1	-1.2	2.2	5.0	.5	4	13	-9	1	17	65
20292	GMO IM. E.K. FEDOROVA	7743N	10418E	15	1011.2	1012.3	-3.4	-.7	4.5	-.2	3	11	-17	1	60	140
20674	OSTROV DIKSON	7330N	08024E	47	1003.8	1009.6	1.3	.2	6.2	.1	6	25	-18	1	36	59
20891	HATANGA	7159N	10228E	33	1006.5	1010.6	2.3	.7	6.1	.2	6	37	3	3	92	105
21946	CHOKURDAH	7037N	14753E	61	1005.8	1013.5	1.2	.7	6.0	.5	3	26	2		62	74
23205	NAR' JAN-MAR	6738N	05302E	12	1005.6	1007.1	6.2	.6	8.2	.2	17	82	31	5	86	88
23330	SALEHARD	6632N	06640E	16	1007.3	1009.5	4.4	-.7	7.1	-.4	13	47	-2		71	74
23472	TURUHANSK	6547N	08756E	38	1006.0	1010.6	5.3	-.3	7.5	.0	12	45	-22	2	65	66
23552	TARKO-SALE	6455N	07749E	27	1006.3	1009.7	5.2	-.6	7.6	-.1	13	57	-3	0	68	69
23724	NJAKSIMVOL'	6226N	06052E	51	1005.1	1011.3	6.8	-.2	7.8	-.5	9	70	10	1	89	76
23884	BOR	6136N	09001E	58	1005.4	1012.6	6.6	-.4	8.7	.6	13	92	27	5	71	66
23933	HANTY-MANSIJSK	6101N	06902E	46	1006.5	1012.3	7.2	-.6	6.5	-2.3	9	35	-26		172	123
24125	OLENEK	6830N	11226E	220	983.6	1010.8	2.1	.0	6.5	.7	14	50	19		44	44
24143	DZARDZAN	6844N	12400E	39	1005.6	1010.4	2.0	-.8	5.9	.0	7	30	-10		56	55
24266	VERHOJANSK	6733N	13323E	137	993.8	1010.9	2.9	.6	5.8	.5	3	21	6		110	83
24507	TURA	6416N	10014E	168	989.3	1012.1	4.7	-.2	6.4	-.2	5	31	-12	2	67	63

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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	
24641 VILJUJSK	6346N	12137E	111		998.8	1012.6	5.8	.6	5.8	-.6	7	18	-9		133	87
24688 OJMJAKON	6315N	14309E	741		921.1	1008.5	3.4	1.7	6.2	1.2	9	34	13		88	58
24738 SUNTAR	6209N	11739E	133		995.0	1012.3	6.3	.7	7.0	.5	6	21	-8		146	94
24817 ERBOGACEN	6116N	10801E	291		977.5	1012.8	5.8	.5	6.8	.0	10	52	19		116	80
24959 JAKUTSK	6201N	12943E	101		996.8	1009.1	6.9	1.2	6.4	-1.1	5	19	-9		202	116
25173 MYS SHMIDTA	6854N	17922W	4		1013.7	1014.1	1.5	1.9	6.0	.6	4	11	-38			
25248 ILIRNEJ	6715N	16758E	353		969.9	1013.3	2.7	2.1	6.8	1.7	8	31	13			
25325 UST'-OLOJ	6633N	15925E	127		995.8	1011.5	4.7	2.3	7.0	1.5	8	26	4			
25399 MYS UELEN	6610N	16950W	3		1010.8	1012.2	4.0	.9	7.1	.2	7	14	-45		97	141
25400 ZYRJANKA	6544N	15054E	43		1005.2	1010.5	4.4	.7	7.5	1.3	13	66	39		71	52
25563 ANADYR'	6447N	17734E	61		1005.6	1013.1	6.0	2.2	7.9	1.3	5	18	-9		132	96
25954 KORF	6021N	16600E	4		1009.9	1010.3	9.5	2.1	9.9	1.7	11	79	30	5	117	79
28224 PERM'	5801N	05618E	171		993.7	1014.2	11.0		10.5		11	53			29	20
28275 TOBOL'SK	5809N	06815E	50		1007.7	1013.5	8.6	-.5	9.2	.2	20	86	40	5		
<b>KAZAKHSTAN</b>																
28679 PETROPAVLOVSK	5450N	06909E	142		998.3	1015.4	11.0	.3	10.1	1.3	12	45	16	4	141	77
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
28698 OMSK	5501N	07323E	122		1001.1	1015.9	10.5	.0	9.5	.8	12	63	30		174	97
<b>KAZAKHSTAN</b>																
28766 BLACOVESCENSKA	5422N	06658E	151		997.3	1015.3	12.5		10.2		6	33		4		
28879 KOKSHETAY	5317N	06923E	229		989.0	1016.4	13.6	2.3	9.7	1.3	3	20	-4	2	229	121
28952 KUSTANAI	5313N	06337E	156		998.5	1016.7	14.8	2.7	8.0	-.4	3	19	-7		245	117
28966 RUZAEVKA	5249N	06658E	227		989.6	1016.6	13.4		9.0		4	14				
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29231 KOLPASEVO	5819N	08257E	75		1004.8	1014.1	8.1	-.2	9.1	.4	15	72	22		117	80
29263 ENISEJSK	5827N	09209E	79		1004.9	1014.6	8.3	.3	9.3	.9	14	66	19	5	83	58
29282 BOGUCANY	5823N	09727E	133		998.1	1014.3	9.2	1.3	9.4	1.3	15	87	45	5	113	80
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		983.0	1016.2	10.0		9.2		14	70		5		
<b>KAZAKHSTAN</b>																
29807 IRTYSHSK	5321N	07527E	94		1005.0	1017.0	12.2	.5	8.5	-.1	3	10	-10			
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29866 MINUSINSK	5342N	09142E	254		986.9	1017.5	10.9	.8	8.6	-.4	6	25	-17	2	176	109
30230 KIRENSK	5746N	10804E	259		983.6	1014.9	8.1	1.3	9.0	1.2	11	42	2		106	79
30309 BRATSK	5617N	10145E	416		966.2	1015.8	8.9	.8	9.4	1.0	8	60	20		161	98
30554 BAGDARIN	5428N	11335E	903		909.1	1014.1	5.9	1.1	6.1	.3	9	29	-9	2		
30673 MOGOCA	5345N	11944E	625		938.2	1011.5	8.0	1.5	7.7	.9	9	66	24	5	188	105
30710 IRKUTSK	5216N	10419E	469		968.0	1016.9	9.8	1.1	9.0	.4	8	40	-10		215	118
30758 CHITA	5205N	11329E	671		935.1	1013.2	9.9	2.0	7.5	.3	5	33	-5	3	229	108
31004 ALDAN	5837N	12522E	79			1011.6	6.1	1.3	7.2	.7	16	104	18		163	113
31088 OHOTSK	5922N	14312E	6		1005.8	1006.5	9.2	.9	9.4	.6	11	94	16	3	176	102
31168 AJAN	5627N	13809E	8		1007.8	1008.9	10.5	1.4	9.1	.5	7	76	-74		152	97
31253 BOMNAK	5443N	12856E	357		966.9	1009.8	10.5	2.2	10.1	2.1	13	90	12	3	161	97
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		1001.1	1009.2	11.9	1.5	11.6	1.3	8	81	-7			

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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	%	
31416 IM POLINY OSIPENKO	5225N	13630E	73		1001.1	1009.8	12.9	2.7	11.3	1.6	6	72	1	207	120	
31960 VLADIVOSTOK	4307N	13154E	183		993.1	1015.3	16.7	1.4	14.9	.7	9	99	-25	171	87	
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1010.5	1013.3	14.4	1.7	13.7	1.6	8	104	-2	3		
32618 NIKOL'SKOE	5512N	16559E	18		1007.0	1009.4	10.7	1.6	11.8	1.7	11	52	-13	2	135 110	
<b>KAZAKHSTAN</b>																
35067 ESIL'	5153N	06620E	221		991.2	1017.4	14.6		8.5		2	5		1		
35078 ATBASAR	5149N	06822E	304		981.7	1017.6	14.0	2.5	8.0	.5	2	6	-18	1	236 108	
35108 URALSK	5115N	05117E	37		1015.4	1019.8	16.1	2.0	11.5	2.2	4	49	23	5		
35188 AKMOLA	5108N	07122E	350		977.1	1018.3	13.6	1.6	9.0	1.3	4	24	0	3	244 106	
35217 DZHAMBETTY	5015N	05234E	32		1014.6	1018.1	17.3		9.3		1					
35229 AKTJUBINSK	5017N	05709E	219		992.0	1017.8	16.2	2.5	9.5	1.1	3	12	-11	1		
35376 BERLIK	4953N	06931E	349		977.1	1018.1	14.6		7.7		4	7				
35394 KARAGANDA	4948N	07309E	553		954.5	1019.0	13.4	1.2	7.3	.2	3	10	-12			
35406 TAIPAK	4903N	05152E	2		1017.7	1017.9	18.9	2.6	11.4	2.1	0	9999	-014	0		
35416 ULL	4904N	05441E	128		1007.3		17.9	2.1	8.7	.6	2	9	-7	3		
35426 TEMIR	4909N	05707E	234		991.2	1018.7	16.9		8.1		1	3		1		
35746 ARALSKOE MORE	4647N	06139E	62		1011.2	1018.7	20.1	2.7	8.4	.1	0	T	-7	1	302 102	
35796 BALHASH	4648N	07505E	350		978.3	1019.4	15.8	.5	9.2	.6	0	T	-9	1	336 112	
35849 KAZALINSK	4546N	06207E	68		1010.6	1018.7	18.9	1.6	10.5	1.9	0	9999	-008	0		
35925 SAM	4524N	05607E	88		1008.6	1019.1	20.4	2.5	8.4	-6	0	T	-8			
35953 DZHUSALY	4530N	06405E	103		1005.6	1017.7	19.2		6.9		0	T		0		
36003 PAVLODAR	5218N	07656E	122		1003.1	1017.8	12.4		9.5		7	31		4		
36177 SEMIPALATINSK	5025N	08018E	196		996.0	1019.4	12.5	.0	9.0	.8	5	12	-6	2	213 88	
36208 LENINOGORSK	5020N	08333E	811		925.5	1019.8	9.3	-7	7.6	-4	9	71	2	4		
36428 BOL'SHE NARYMSKOE	4912N	08431E	401		972.7	1020.1	13.1		8.0		5	32			282 110	
36535 KOKPEKTY	4845N	08222E	512				12.0	.2	8.3	.8	2	4	-12			
36859 ZHARKENT	4410N	08004E	645		943.5	1016.7	18.6	1.3	9.6	-1	1	5	-3		297 110	
36870 ALMATY	4314N	07656E	851		921.7	1016.9	18.1	1.3	9.9	.8	4	37	7	4	260 106	
38062 KYZYLORDA	4451N	06530E	130		1002.4	1017.5	19.9	2.1	7.8	-1	0	9999	-003	0		
38069 CIILI	4410N	06645E	153		999.2	1017.2	19.2		8.2		0	0				
38198 TURKESTAN	4316N	06813E	207		991.4	1015.5	22.3	2.6	7.4	.1	0	0	-2			
<b>UZBEKISTAN</b>																
38262 CHIMBAJ	4257N	05949E	66		1010.2	1018.0	19.7	1.6	10.7	.0	01	1	-1	3	304 106	
<b>KAZAKHSTAN</b>																
38328 SHYMKENT	4219N	06942E	604		944.7	1014.2	21.4		8.1		0	T		1		
38334 AUL TYRARA RYSKULOVA	4229N	07018E	808		924.5	1014.6	20.1		7.7		0	0		1		
38341 ZHAMBYL	4251N	07123E	651		942.5	1016.6	18.0		8.6		0	T		2		
38343 KOULAN	4257N	07245E	683		939.0	1016.5	17.9		9.4		1	2		2		
<b>UZBEKISTAN</b>																
38396 URGENCH	4134N	06034E	101		1005.4	1017.3	20.2		9.5		0	T		1		
38403 BUZAUBAJ	4145N	06228E	98		1005.2	1016.5	23.4		13.1		0	0		0		
38413 TAMDY	4144N	06437E	237		989.1	1016.4	21.8	.1	8.1	.4	0	0	-1	0	323 104	
<b>KAZAKHSTAN</b>																
38439 CARDARA	4122N	06800E	275		983.0	1014.6	21.7		14.2							

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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	
<b>UZBEKISTAN</b>																
38457 TASHKENT	4116N	06916E	488		958.7	1014.1	21.7	1.6	9.5	- .6	0	T	-5	1	287	96
<b>TURKMENISTAN</b>																
38507 TURKMENBASHI	4003N	05300E	-13			1016.8	23.4	1.3	10.9	-1.2	2	4	0		280	95
38545 DARGANATA	4028N	06217E	142		999.1	1015.8	20.7		10.2		0	0				
<b>UZBEKISTAN</b>																
38611 NAMANGAN	4059N	07135E	474		960.4	1014.5	22.4		13.5		0	T		0	306	100
38618 FERGANA	4022N	07145E	577		947.6	1012.4	21.5	1.5	14.0	1.6	01	1	-3	2	286	98
38683 BUHARA	3943N	06437E	226		987.6	1013.7	22.0		8.0		0	0		0		
<b>TURKMENISTAN</b>																
38687 CHARDZHEV	3905N	06336E	190		992.7	1015.3	21.3	.0	10.6	.6	0	0	-1			
<b>UZBEKISTAN</b>																
38696 SAMARKAND	3934N	06657E	724		932.1	1012.7	21.0	1.7	9.7	- .1	0	T	-4	0	324	105
38812 KARSHI	3848N	06543E	376		970.3	1013.1	22.6		14.1		0	0		0		
38927 TERMEZ	3714N	06716E	310		977.1	1012.4	23.4	1.4	9.8	-1.4	0	T	T	0	331	105
<b>SAUDI ARABIA</b>																
40356 TURAIF	3141N	03844E	852		915.7	1502 Y	27.3		6.9		0	0			321	
40357 ARAR	3054N	04108E	549		947.6	1007.2	30.6		7.2		0	0				
40360 GURIAT	3124N	03716E	504		953.3	1009.1	26.2		10.9		0	0			270	
40361 AL-JOUF	2947N	04006E	689		935.1	1007.3	30.1		6.4		0	0				
40373 AL QAYSUMAH	2819N	04607E	360		966.2	1005.3	33.2				0	0				
40377 HAFR AL-BATIN	2754N	04532E	414		961.9	1007.1	32.1		5.8							
40410 KHAYBER	2540N	03918E	754		923.7	1004.1	37.1		4.6		0	0				
40416 DHAHRAN	2616N	05009E	17		1002.8	1004.7	31.6	-.3	24.0	6.4						
40417 KING FAHAD INT. AIRPORT	2627N	04949E	12		1004.5	1005.9	31.7		18.0		0	0				
40420 AL AHSA	2518N	04929E	178		986.3	1005.9	33.0		16.9		0	0				
40430 MADINAH	2433N	03942E	636		937.0	1004.5	35.3	.9	5.7	.4	0	0	-1		302	
40437 KING KHALED INT. AIRPORT	2456N	04643E	612		940.4	1006.5	31.8		6.0		0	0			276	
40438 RIYADH	2443N	04644E	620		940.3	1006.9			6.4	- .5	0	0	-1		315	
<b>IRAN, ISLAMIC REPUBLIC OF</b>																
40706 TABRIZ	3805N	04617E	1361		865.9	1011.0	22.8	1.7	9.1	.5	0	0	-9		320	106
40718 ANZALI	3728N	04928E	-23		1019.7	1016.9	22.8	.4	24.5	1.7	9	358	141		180	114
40745 MASHHAD	3616N	05938E	989		904.7	1014.4	22.3	2.5	7.2	-1.1	0	0	-1		316	104
40754 TEHRAN-MEHRABAD	3541N	05121E	1191		882.4	1008.2	26.1	.7	13.5	5.9	0	0	-1		311	103
40766 KERMANSHAH	3416N	04707E	1322		869.1	1009.0	23.4	1.0	6.7	.6	0	0	-1		313	103
40800 ESFAHAN	3238N	05143E	1550		845.0	1007.8	24.0	.5	7.7	.7	0	0	0		314	101
40831 ABADAN	3022N	04815E	11		1005.4	1006.3	32.3	- .5	17.1	1.8	0	0	-1		315	109
40841 KERMAN	3015N	05658E	1754		826.1	1007.2	21.1	-2.2	7.2	1.7	0	0	-1		302	99
40848 SHIRAZ	2932N	05235E	1491		851.1	1005.9	25.5	1.0	10.0	2.7	0	0	0		306	96
<b>SAUDI ARABIA</b>																
41024 JEDDAH (KING ABDUL AZIZ INT.)	2142N	03911E	17		1004.2	1006.1	31.3	.6	32.3	2.8					269	



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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	
41030	MAKKAH	2126N	03946E	240	978.2	1004.3	34.5		21.9							
41036	TAIF	2129N	04033E	1454	854.6	1495 Y	28.0	.7	9.0	1.1			-5		270	
41055	AL BAHA	2018N	04138E	1662	835.5	1496 Y	27.4		7.4		1	8			286	
41084	BISHA	1959N	04237E	1163	882.9	1004.1	29.2		5.8		0	0		1	226	110
41112	ABHA	1814N	04239E	2093	794.4	1496 Y	22.1		8.4		0	0			285	
41114	KHAMIS MUSHAIT	1818N	04248E	2056	797.8	1494 Y	23.6		10.2		0	0			283	
41128	NAJHRAN	1737N	04425E	1210	877.8	1494 Y	28.7		7.9		0	0			264	
41136	SHARURAH	1728N	04707E	725	927.0	1004.1	32.5		13.0		1	2			294	
41140	GIZAN	1654N	04235E	7		1005.2	32.8		34.3		1	1				
<b>QATAR</b>																
41170	DOHA INTERNATIONAL AIRPORT	2515N	05134E	10	1005.7	1006.6	32.9	.7	30.8	1.7					309	101
<b>UNITED ARAB EMIRATES</b>																
41217	ABU DHABI INTER. AIRPORT	2426N	05439E	27	1002.9	1005.7	33.2	1.0	27.0	- .4	0	0	-T	5	301	95
<b>OMAN</b>																
41256	SEEB, INTERNATIONAL AIRPORT	2335N	05817E	8	1005.3	1006.3	30.0		29.4		0	0		5	183	
41268	SUR	2232N	05929E	14	1004.9	1006.6	30.3		22.3		0	0		0	282	
41288	MASIRAH	2040N	05854E	19	1006.2	1008.4	26.9		26.3						231	
41314	THUMRAIT	1740N	05402E	467	956.4	1009.6	28.6		17.4		2	8				
41316	SALALAH	1702N	05405E	20	1005.6	1008.3	26.2		26.1		3	0015			205	
<b>INDIA</b>																
42027	SRINAGAR	3405N	07450E	1587	839.9	1479 Y	20.8	1.0	14.9		2	12	-16	2	245	
42071	AMRITSAR	3138N	07452E	234	979.2	1005.3	27.9	-.4	26.7		1	2	-77	1	229	95
42147	MUKTESHWAR KUMAON	2928N	07939E	2311	774.8	3170 Z	18.5	2.4	17.1		5	50	-147	1		
42165	BIKANER	2800N	07318E	224		1004.6	32.6	1.9	24.9		2	12	-22	2		
42182	NEW DELHI /SAFDARJUNG	2835N	07712E	216	981.1	1005.1	30.2	.7	24.7		1	3	-110	1	221	101
42314	DIBRUGARH/MOHANBARI	2729N	09501E	111	994.8	1007.2	27.4	.3	30.6		16	213	-141	1	116	
42339	JODHPUR	2618N	07301E	224		1005.7	31.2		25.8		2	5		2		
42404	DHUBRI	2601N	08959E	35	1003.1	1007.1	27.5		32.5		14	244		2		
42410	GAUHATI	2606N	09135E	54	1000.3	1006.5	28.7	.8	32.2		11	90	-109	1	109	78
43198	BELGAUM/SAMBRA	1551N	07437E	747	926.2	1007.9	23.7	.0	23.5		9	68	-56	2		
43279	MADRAS /MINAMBAKKAM	1300N	08011E	16	1005.5	1007.3	29.3	-.4	29.7		15	277	116	5	155	78
43295	BANGALORE	1258N	07735E	921	907.7	1491 Y	23.9	.0	22.9		14	269	25	4	105	73
43314	KOZHIIKODE	1115N	07547E	5	1008.8	1009.4	27.4	.6	30.4		10	153	-85	3		
43333	PORT BLAIR	1140N	09243E	79	1000.7	1009.6	26.8	1.0	30.3		18	431	28	3	118	95
43363	PAMBAN	0916N	07918E	11	1006.9	1008.2	29.3	.0	32.2		8	156	127	6		
43369	MINICOY	0818N	07309E	2	1009.7	1009.8	28.5	.9	31.7		16	187	3	3	171	90
43371	THIRUVANANTHAPURAM	0829N	07657E	64	1002.7	1009.7	27.1	.2	29.2		18	348	169	5	136	79
<b>SRI LANKA</b>																
43418	TRINCOMALEE	0835N	08115E	7	999.9	1008.7	28.9	-.7	31.4	3.7	7	158	54			
43466	COLOMBO	0654N	07952E	7	1008.4	1009.5	27.2	-.3	30.3	1.0	17	357	121		112	59
43497	HAMBANTOTA	0607N	08108E	20	1007.4	1009.1	27.1	-.1	30.9	2.4	9	159	88	1		
<b>MONGOLIA</b>																
44212	ULAAN-GOM	4959N	09205E	939	912.7	1023.5	5.1	-4.9	4.8	-2.5	2	6	-7	1		

# 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.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
<b>44218 HOVD</b>	4801N	09134E	1405		861.4	1020.8	5.2	-5.4	6.8	-.1	3	12	2	3		
<b>44231 MUREN</b>	4934N	10010E	1283		872.1	1020.0	3.6	-4.3	4.2	-2.0		2	-15	1		
<b>44239 BULGAN</b>	4848N	10333E	1208		878.9	1018.6	3.1	-4.1	5.4	-1.3	1	10	-22	1		
44241 BARUUNKHARAA	4855N	10604E	807		923.8	1019.0	13.0	3.9	6.8	-.8	3	14	-20	2		
<b>44259 CHOIBALSAN</b>	4805N	11433E	747		928.4	1015.8	8.4	-2.2	6.1	-1.7	1	3	-24	1		
<b>44272 ULIASTAI</b>	4745N	09651E	1759		822.3	1018.0	2.2	-4.8	4.4	-1.3	2	3	-18	1		
44277 ALTAI	4624N	09615E	2181		782.5	1020.5	1.3	-5.0	5.5	-.4	1	9	-7	1		
44282 TSETSERLEG	4727N	10128E	1691		829.3	1018.4	3.6	-3.9	4.6	-1.2	2	10	-16	1		
44292 ULAAN-BAATOR	4755N	10652E	1306		868.7	1017.6	5.8	-1.5	5.2	-1.3	2	3	-23	1		
44298 CHOIR	4627N	10813E	1286		870.0	1014.8	8.1	-1.8	5.1	-2.6	0	T	-19	1		
44304 UNDERKHAAN	4719N	11038E	1033		897.0	1015.5	6.8	-2.6	5.4	-1.5	2	5	-18	1		
44341 MANDALGOVI	4546N	10617E	1393		859.0	1015.6	7.6	-2.6	3.9	-2.8	0	T	-15	1		
44352 BAYANDELGER	4544N	11222E	1101		890.4	1014.2	10.1	-1.2	7.0	-.8	2	4	-17	0		
44358 ZAMYN-UUD	4344N	11154E	964		906.0	1014.8	13.7	.2	8.3	.1	2	4	-10	1		
<b>44373 DALANZADGAD</b>	4335N	10425E	1465		853.5	1015.7	11.9	-1.2	4.1	-2.5	0	0	-13	1		
<b>NEPAL</b>																
44454 KATHMANDU AIRPORT	2742N	08522E	1337		869.0	1479 Y	13.6		4.8		17	286	273	6	120	75
<b>HONG KONG, CHINA</b>																
45004 KING'S PARK	2219N	11410E	66		1002.5	1010.0	27.4	-.4	27.6	-.6	8	195	-110	2	191	106
<b>REPUBLIC OF KOREA</b>																
47101 CHUNCHON	3754N	12744E	75		1006.4	1015.2	20.4	1.7	18.1	1.3	9	194	32	4	177	101
47105 KANGNUNG	3745N	12854E	27		1012.4	1015.4	20.6	.9	18.2	.5	12	181	-35	3	138	89
47108 SEOUL	3734N	12658E	87		1004.8	1014.7	21.7	1.1	17.8	.2	11	199	31	5	168	94
47115 ULLUNGDO	3729N	13054E	223		989.4	1014.9	19.8	.2	19.0	.6	11	330	195	5	112	73
47133 TAEJON	3618N	12724E	78		1006.8	1014.6	21.4	1.2	18.8	.1	10	134	-20	3	151	83
47138 POHANG	3602N	12923E	6		1014.9	1015.2	22.0	1.1	21.2	2.1	13	246	92	5	128	84
47159 PUSAN	3506N	12902E	71		1006.3	1014.4	22.0	.1	19.6	-.3	12	231	45	4	114	68
47165 MOKPO	3447N	12623E	56		1009.8	1014.1	21.9	-.1	20.4	-.2	12	226	96	5	134	72
47168 YOSU	3444N	12744E	68		1006.3	1013.9	22.6	.5	20.9	1.2	10	139	-13	3	119	62
47184 CHEJU	3331N	12632E	24		1011.2	1013.6	23.2	.5	22.4	.9	13	349	170	5	107	62
<b>JAPAN</b>																
47401 WAKKANAI	4525N	14141E	11		1012.7	1014.1	17.8	1.4	14.9	-.9	10	210	85	5	194	108
47407 ASAHIKAWA	4346N	14222E	116		1001.9	1015.6	16.3	1.0	13.8	-.1	10	119	-12	3	152	101
47409 ABASHIRI	4401N	14417E	43		1010.1	1015.2	17.4	1.7	14.2	.0	8	80	-17	2	172	103
47412 SAPPORO	4303N	14120E	26		1012.3	1015.4	18.4	1.2	14.1	-.6	11	127	-10	3	150	90
47418 KUSHIRO	4259N	14424E	37		1011.4	1016.1	16.2	1.0	15.3	.5	10	115	-20	2	152	101
47420 NEMURO	4320N	14535E	39		1011.4	1016.1	16.5	1.2	15.8	.9	11	125	-15	2	126	84
47421 SUTTSU	4248N	14014E	38		1010.8	1015.3	17.7	.3	15.6	-.1	12	181	33	5	149	89
47426 URAKAWA	4210N	14247E	37		1011.9	1016.3	17.5	.6	16.9	1.0	11	142	7	3	126	72
47430 HAKODATE	4149N	14045E	43		1010.7	1015.8	18.5	1.0	15.7	-.3	13	159	-16	3	132	84
47575 AOMORI	4049N	14046E	3		1015.2	1015.6	19.6	1.2	17.4	.7	9	272	145	6	151	93
47582 AKITA	3943N	14006E	21		1013.1	1015.6	21.1	1.5	18.7	.9	13	216	35	4	123	76
47585 MIYAKO	3939N	14158E	46		1010.7	1016.2	19.4	1.0	18.1	.3	8	157	-55	2	124	97
47598 ONAHAMA	3657N	14054E	5		1015.8	1016.4	22.0	1.1	21.1	.7	10	98	-77	1	132	102
47600 WAJIMA	3723N	13654E	14		1013.5	1015.1	22.9	1.9	21.8	1.7	16	224	-35	3	113	79

## SURFACE

SEPTEMBER 2004

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	
47602 AIKAWA	3802N	13815E	17		1013.1	1015.1	22.9	1.8	21.6	2.1	14	213	53	5	144	95
47605 KANAZAWA	3635N	13638E	33		1010.8	1014.6	24.2	2.1	22.0	1.4	16	270	23	3	121	88
47618 MATSUMOTO	3615N	13758E	611		946.4	1014.9	21.5	2.2	18.5	1.4	16	210	64	4	140	100
47624 MAEBASHI	3624N	13904E	113		1002.7	1015.7	23.4	1.9	20.2	.3	13	199	16	3	120	107
47636 NAGOYA	3510N	13658E	56		1008.7	1015.1	25.0	1.9	23.5	2.1	15	451	240	5	128	93
47648 CHOSHI	3544N	14052E	28		1012.9	1016.1	23.1	.4	24.9	2.0	10	190	4	3	176	125
47655 OMAEZAKI	3436N	13813E	47		1010.2	1015.5	25.6	2.0	26.0	2.4	15	257	46	3	172	103
47662 TOKYO	3541N	13946E	36		1011.7	1015.8	25.1	1.9	21.5	.7	12	195	16	3	140	127
47663 OWASE	3404N	13612E	27		1011.9	1015.0	24.8	1.9	25.7	2.9	18	1198	541	5	86	74
47675 OSHIMA	3445N	13222E	79		1006.8	1015.9	24.4	2.8	25.5	2.8	15	265	-64	2	127	110
47678 HACHIJOJIMA	3306N	13947E	80		998.2	1015.9	25.3	.5	27.5	1.7	16	267	-77	2	178	120
47740 SAIGO	3612N	13320E	31		1011.0	1014.7	23.2	1.7	22.0	1.2	12	301	96	4	110	67
47741 MATSUE	3527N	13304E	22		1012.0	1014.6	23.4	1.4	22.7	1.0	18	328	112	5	91	59
47750 MAIZURU	3527N	13519E	22		1012.6	1015.1	23.9	1.7	22.6	1.2	15	233	9	3	110	87
47755 HAMADA	3454N	13204E	20		1011.9	1014.2	23.4	1.2	24.1	2.6	16	330	122	5	95	58
47772 OSAKA	3441N	13531E	83		1005.3	1014.8	26.2	2.0	22.7	1.7	12	203	32	4	136	89
47778 SHIONOMISAKI	3327N	13546E	75		1006.5	1015.1	25.7	1.8	27.2	3.1	11	245	-61	2	169	102
47800 IZUHARA	3412N	12918E	19		1011.7	1013.8	23.7	1.2	23.9	2.2	13	362	111	5	64	50
47807 FUKUOKA	3335N	13023E	15		1011.5	1013.2	24.6	.9	23.3	1.0	20	305	130	5	109	69
47815 OITA	3314N	13137E	13		1012.4	1013.9	24.4	1.2	24.3	1.8	21	506	279	5	92	63
47817 NAGASAKI	3244N	12952E	35		1008.6	1012.6	25.3	1.0	23.6	.6	14	273	83	4	140	82
47827 KAGOSHIMA	3133N	13033E	31		1008.9	1012.5	26.6	1.5	24.9	.6	12	330	114	5		
47830 MIYAZAKI	3155N	13125E	7		1011.6	1013.2	25.4	1.3	26.4	1.7	21	552	224	5	105	66
47837 TANEGASHIMA	3044N	13100E	18		1010.4	1012.5	26.6	1.0	27.5	.7	15	123	-130	1	150	82
47843 FUKUE	3242N	12850E	26		1009.5	1012.5	24.5	1.1	23.5	.4	14	281	42	4	123	75
47887 MATSUYAMA	3350N	13247E	34		1010.2	1014.0	25.1	1.6	23.4	2.0	14	130	-22	3	127	79
47891 TAKAMATSU	3419N	13403E	10		1013.1	1014.2	25.3	2.2	23.6	1.3	14	195	1	4	123	76
47898 SHIMIZU	3243N	13301E	33		1010.2	1013.9	26.1	1.2	27.5	2.9	17	293	-31	3	152	87
47899 MUROTOMISAKI	3315N	13411E	186		993.3	1014.5	24.6	1.2	26.9	3.3	10	161	-147	1	153	89
47909 NAZE	2823N	12930E	7		1010.0	1010.8	27.0	.4	27.3	-1	19	471	173	4	119	76
47918 ISHIGAKIJIMA	2420N	12410E	7		1008.6	1009.9	27.6	-1	27.3	-2.0	12	252	23	4	163	80
47927 MIYAKOJIMA	2447N	12517E	41		1004.9	1009.6	27.0	-1	28.5	-5	13	238	39	4	109	53
47936 NAHA	2612N	12741E	53		1002.9	1008.9	27.6	.4	27.6	-9	15	375	207	5	156	75
47945 MINAMIDAITOJIMA	2550N	13114E	20		1008.6	1010.9	27.3	.1	29.3	.1	11	427	307	5	217	96
47971 CHICHIJIMA	2705N	14211E	8		1013.9	1014.8	28.2	.9	29.6	.0	11	42	-68	1	207	93
47991 MINAMITORISHIMA	2418N	15358E	9		1012.6	1013.5	28.4	.4	28.9	-.9	10	76	-42		264	103
<b>THAILAND</b>																
48327 CHIANG MAI	1847N	09859E	314		973.2	1008.6	25.8	-.7	29.1	1.1	17	371	143	5	122	70
48354 UDON THANI	1723N	10248E	182		988.4	1008.6	27.3	.1	27.7	-1.7	12	167	-87	2		
48400 NAKHON SAWAN	1548N	10010E	35		1005.0	1009.0	28.1	.2	31.6	.8	16	302	70	4	160	96
48431 NAKHON RATCHASIMA	1458N	10205E	188		988.3	1009.3	27.8	.9	28.8	.0	15	203	-41	2		
48455 BANGKOK	1344N	10034E	20		1009.0	1009.5	28.9	1.1	30.3	-.2	15	0214	-130	4	120	78
48462 ARANYAPRATHET	1342N	10235E	49		1004.0	1004.3	27.9	.7	30.2	.0	12	182	-94	1		
48480 CHANTHABURI	1236N	10207E	4		1009.1	1009.6	27.3	.6	30.7	.3	20	233	-242	0		
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1009.0	1009.6	27.8	.3	30.9	2.0	12	166	70	5		
48517 CHUMPHON	1029N	09911E	5		1009.3	1009.9	28.3	1.4	32.0	2.5	17	202	44	5		
48568 SONGKHLA	0712N	10036E	5		1009.3	1010.1	27.6	-.3	29.4	.5	13	326	196	6	212	113

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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>VIET NAM</b>																
48806 SON LA	2120N	10354E	676		934.8	1010.4	23.9		24.9		10	142		3	158	85
48808 CAO BANG	2240N	10615E	244		982.6	1010.3	25.7		27.6		9	79		1	171	100
48820 HA NOI	2101N	10548E	6		1008.7	1009.5	28.3		30.6		8	107		1	122	65
48826 PHU LIEN	2048N	10638E	116		996.7	1010.0	26.7		30.1		9	176		2	154	80
48830 LANG SON	2150N	10646E	263		980.5	1010.5	25.1		27.7		10	73			154	80
48840 THANH HOA	1945N	10547E	5		1008.6	1009.2	27.0		30.5		10	271		6	150	85
48845 VINH	1840N	10540E	6		1008.7	1009.4	27.1		29.6		12	300		2	152	85
48848 DONG HOI	1729N	10636E	7		1008.5	1009.3	26.8		29.2		13	267		6	72	35
48852 HUE	1626N	10735E	10		1008.2	1009.2	26.4		29.9		11	319			136	70
<b>48855 DA NANG</b>	1602N	10811E	7		1008.5	1009.3	27.3		28.8		12	129		1	162	90
48870 QUY NHON	1346N	10913E	6		1008.7	1009.4	28.4		29.1		15	283		6	179	85
48877 NHA TRANG	1213N	10912E	4		1008.7	1009.2	28.3		28.8		4	116		2	232	
48887 PHANTHIEP	1056N	10806E	8		1009.2	1009.8	27.6		30.1		6	12		1	238	115
48914 CA MAU	0910N	10509E	3		1009.3	1009.5	28.6		31.3			247			161	
<b>LAO PDR</b>																
48930 LUANG-PRABANG	1953N	10208E	305		975.3	1009.6	26.1	-0.3	29.3	.1	14	152	-20	3	113	63
48938 SAYABOURY	1914N	10144E	326			1007.4	26.6		28.7		16	352		5	107	
48940 VIENTIANE	1757N	10234E	171		990.2	1009.5	27.0	.0	29.3	.4	12	238	-57	2	156	114
48946 THAKHEK	1723N	10439E	152		992.0	1009.3	27.3		28.4		15	457			153	
48947 SAVANNAKHET	1633N	10439E	145		996.3	1009.6	27.4	1.4	29.1	1.4	16	207	-6	4	168	
48948 SENO	1640N	10500E	185		988.6	1009.6	26.9		30.7		14	234		3	165	
48955 PAKSE	1507N	10510E	102		997.4	1008.9	27.6	.3	29.4	.0	16	263	-34	3	164	102
<b>CHINA</b>																
50527 HAILAR	4913N	11945E	611		941.9	1013.3	11.8	1.9	8.9	.7	7	42	7	5	194	87
50745 QIQIHAR	4723N	12355E	148		994.9	1012.5	16.2	2.2	11.7	1.0	6	20	-24	2	242	98
51076 ALTAY	4744N	08805E	737		933.9	1019.3	13.2	-1.2	8.1	.8	4	18	3	0	290	104
51431 YINING	4357N	08120E	663		941.4	1017.2	17.8	1.0	11.2	.8	3	10	-5	3	303	114
51463 URUMQI	4347N	08737E	919		912.6	1018.4	16.2		7.8		5	16		2	266	100
51709 KASHI	3928N	07559E	1291		871.7	1011.5	20.8	1.4	11.0	.7	0	T	-5	1	274	105
51777 RUOQIANG	3902N	08810E	889		912.8	1011.3	20.6	.6	8.7	.9	0	0	-1	4	276	95
51828 HOTAN	3708N	07956E	1375		863.3	1010.6	21.6	1.9	9.8	.1	0	0	-2	3	272	114
52203 HAMI	4249N	09331E	739		930.3	1014.2	17.6	-0.9	9.4	1.3	3	5	2	4	320	106
52533 JIUQUAN	3946N	09829E	1478		853.4	1014.7	15.0	.3	7.1	-0.9	1	2	-8	3	280	104
52836 DULAN	3618N	09806E	3192		694.9		10.5	1.3	4.4	-0.5	1	12	-4	2	262	104
53068 ERENHOT	4339N	11200E	966		905.1	1018.8	15.6	2.1	7.2	.1	5	30	12	5	277	98
53614 YINCHUAN	3829N	10613E	1112		891.0	1014.2	17.7	1.7	11.0	-0.9	2	22	-1	1	230	96
53772 TAIYUAN	3747N	11233E	779		927.7	1016.2	17.5	1.4	13.3	.0	3	21	-43	2	191	94
54292 YANJI	4253N	12928E	178		994.7	1015.8	16.3	1.8	13.3	.6	6	50	-6	3	209	106
54342 SHENYANG	4146N	12326E	43		1009.2	1015.0	18.8	1.5	14.0	.1	5	51	-25	2	211	90
54511 BEIJING	3956N	11617E	55		1010.7	1014.6	21.3	1.7	14.7	-1.0	5	74	26	5	199	83
54857 QINGDAO	3604N	12020E	77		1006.5	1015.3	22.5	1.0	19.0	.7	2	18	-72	1	214	97
55591 LHASA	2940N	09108E	3650		655.6		14.3	1.5	7.7	-1.4	8	32	-26	1	258	110
56137 QAMDO	3109N	09710E	3307		684.0		13.2	.1	10.0	.7	15	65	-5	2	196	102
56571 XICHANG	2754N	10216E	1599		840.5		19.8	.1	16.8	-0.3	13	140	-13	3	117	83
56739 TENGCHONG	2507N	09829E	1649		834.7		18.8	-0.2	18.9	-0.1	26	283	124	5	90	69
56778 KUNMING	2501N	10241E	1892		812.4		18.8	1.3	15.7	-0.9	11	190	69	5	127	92

# 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.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
56985 MENGZI	2323N	10323E	1302		870.0	1010.0	21.8		18.4		11	90		4	156	105
57036 XI'AN	3418N	10856E	398		969.1	1015.0	20.4	1.0	18.2	.3	11	102	-5	4	142	105
57083 ZHENGZHOU	3443N	11339E	111		1002.2	1015.2	21.6	.9	18.5	.4	7	100	11	4	152	84
57461 YICHANG	3042N	11118E	134		998.6	1014.2	23.7	.6	21.8	.5	7	121	-5	3	106	75
57745 ZHIJIANG	2727N	10941E	273		981.5	1012.9	23.4	.3	21.0	-.6	4	46	-20	3	170	99
57993 GANZHOU	2551N	11457E	125		995.6	1011.5	25.5	-.6	23.1	-1.4	4	45	-48	2	176	92
58362 SHANGHAI	3124N	12128E	4		1012.7	1013.8	24.3		23.7		10	141		4	135	75
58606 NANCHANG	2836N	11555E	50		1006.8	1012.3	25.2	.5	22.9	-.8	4	35	-40	2	188	97
59287 GUANGZHOU	2308N	11319E	8		1005.9	1010.7	27.8	.7	24.5	-3.5	7	133	-39	2	185	100
59316 SHANTOU	2324N	11641E	3		1009.5	1010.4	27.6	1.1	28.9	.2	9	205	61	5	205	102
59431 NANNING	2249N	10821E	73		996.4	1010.5	26.3	-.5	27.6	.3	4	66	-58	2	188	94
59758 HAIKOU	2002N	11021E	24		1007.8	1009.9	27.7	.8	29.9	-.4	6	78	-172	1	194	96
<b>AFRICA</b>																
<b>MADEIRA</b>																
08522 FUNCHAL	3238N	01654W	56		1013.6	1020.3	23.6	1.3	17.8	-1.9	0	0	-37	1	209	105
<b>SPAIN (CANARY ISLANDS)</b>																
60020 SANTA CRUZ DE TENE- RIFE, CM	2827N	01615W	36		1013.6	1018.0	25.9	1.5	20.0	1.0	2	37	29	5	274	110
60030 LAS PALMAS DE GRAN CAN./GAN.	2756N	01523W	47		1012.0	1017.4	25.0	1.2	20.0	.0	1	2	-6	4	270	117
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1014.9	1017.3	25.5	1.0	19.7	-1.0	0	T	-2	3	234	105
<b>WESTERN SAHARA</b>																
60096 VILLA CISNEROS	2342N	01552W	10		1013.2	1014.6	23.4				2	2		0	248	100
<b>MOROCCO</b>																
60101 TANGER (AERODROME)	3544N	00554W	21		1015.9	1017.7	23.5	.7	19.6		0	0	-14	0	276	95
60115 OUJDA	3447N	00156W	470		964.3	1016.7	23.8	1.3	14.5		1	2	-8	2	262	200
60120 KENITRA	3418N	00636W	14		1015.7	1017.4	23.0	.8	21.9		0	9999	-010	1	256	95
60135 RABAT-SALE	3403N	00646W	75		1008.0	1017.2	21.7	.2	23.1		0	0	-5	1	264	95
60150 MEKNES	3353N	00532W	549		953.5		23.6	.7	17.1		0	9999	-014	1	276	105
60155 CASABLANCA	3334N	00740W	62		1010.4	1017.2	22.7	1.0	22.9		0	9999	-004	1	273	70
60195 MIDELE	3241N	00444W	1515		855.4	1570 Y	21.2	1.1	11.8		4	13	-4	2	260	70
60220 ESSAOUIRA	3131N	00947W	8		1016.4	1017.3	19.9	.1	15.9		02	0003	0000	4	210	80
60230 MARRAKECH	3137N	00802W	466		963.5	1015.7	26.5	1.2	14.4		1	2	-3	3	242	90
60265 OUARZAZATE	3056N	00654W	1140		892.5	1569 Y	26.3	1.7	9.4			2	-11	2	240	65
<b>SPAIN (CEUTA AND MELILLA)</b>																
60338 MELILLA	3517N	00257W	55		1010.7	1017.0	24.3	.8	24.2	3.1	0	T	-7	1	235	124
<b>ALGERIA</b>																
60351 JIJEL ACHOUAT	3653N	00549E	10		1016.6	1017.8	24.1		21.5			0072			249	65
60353 JIJEL PORT	3650N	00547E	2		1016.8	1017.6	24.8		22.0		7	87			265	60
60355 SKIKDA	3656N	00657E	7		1017.6	1017.6	23.7	.8	21.7		8	56	26	5	237	70
60360 ANNABA	3650N	00749E	4		1017.0	1018.0	23.0	-.2	20.3		10	85	55	5	233	60
60367 EL-KALA	3654N	00827E	10		1017.2	1018.7	24.2		21.0		9	74				
60387 DELLYS	3655N	00357E	12		1016.3	1017.0	23.6		21.4		4	15			262	

# 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
60390 DAR-EL-BEIDA	3643N	00315E	25		1014.6	1018.0	24.1	.9	21.1		2	12	-22	3	253	70
60395 TIZI-OUZOU	3642N	00403E	195		999.6	1017.3	25.2		18.1		6	36			259	70
60402 BEJAIA	3643N	00504E	2		1017.6	1018.4	23.5	.3	20.7		4	19	-21	2	247	
60403 GUELMA	3628N	00728E	227		992.3	1018.4	23.3		17.6		7	42		0	254	
60410 TENES	3630N	00120E	59		1016.3	1018.3	25.3		23.9		1	3			240	
60417 BOUIRA	3623N	00354E	635		954.2	1016.9	23.6		15.0		4	18			253	65
60419 CONSTANTINE	3617N	00637E	694		940.8	1018.3	21.0	-.4	15.0		5	24	-12	3	245	65
60421 OUM EL BOUAGHI	3553N	00707E	889		918.9	1555 Y	20.7		14.9		4	15			245	
60423 SOUK AHRAS	3617N	00758E	680		939.4	1017.5	21.5		15.7		7	58			224	
60425 CHLEF	3613N	00120E	143		1000.6	1017.8	26.8	1.3	14.8		0	0	-11	1	244	
60430 MILIANA	3618N	00214E	715		937.7	1017.4	24.5	1.6	15.5		4	14	-15	2	249	
60437 MEDEA	3616N	00245E	981		901.8	1553 Y	21.8		13.4		6	28			264	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928				12.6		13.3		5	38			266	
60445 SETIF	3611N	00525E	1081		906.2	1561 Y	19.8		13.7		4	13			279	
60452 ARZEW	3549N	00016W	3		1016.7	1017.2	24.8		15.6		0	0			243	65
60457 MOSTAGANEM VILLE	3553N	00007E	137		1006.0	1016.8	23.7		20.0		1	5			251	
60461 ORAN PORT	3542N	00039W	22		1014.4	1017.0	24.5		21.8		0	0				
60467 M'SILLA	3540N	00430E	441		967.4	1017.1	25.1		14.6		6	14			267	70
60471 BARIKA	3520N	00520E	460				24.8		14.6		3	17			276	75
60476 KHENCHELLA	3525N	00709E	1116		909.0	1561 Y	20.6		13.2		5	25			237	
60490 ORAN/ES SENIA	3538N	00036W	90			1017.0	24.3	1.0	19.3		01	1	-11	2	247	65
60506 MASCARA METMORE	3536N	00018E	474		963.4	1016.8	24.5		14.6		5	15			250	65
60511 TIARET	3515N	00126E	1127		909.4	1546 Y	21.9		12.2		5	34			235	60
60514 KSAR CHELLALA	3510N	00219E	800		928.0	1557 Y	23.8		15.6		4	13			242	65
60515 BOU-SAADA	3520N	00412E	461		967.6	1019.4	25.7		14.3		3	12			268	
60517 GHAZAOUET	3506N	00152W	83		1017.3	1017.9	24.6		21.9		0	0		0		
60518 BENI-SAF	3518N	00121W	68		1007.7	1015.5	24.4		23.1		0	0			257	70
60520 SIDI BEL ABBES	3511N	00237W	450		964.0	1017.6	24.2		15.5		3	20			262	70
60522 MAGHNA	3449N	00147W	426		968.8	1017.1	23.8		15.1		0	9999			259	
60525 BISKRA	3448N	00544E	87		1007.2	1017.4	28.4	.2	14.3		3	4	-19	3		
60531 TLEMCEN (ZENATA)	3501N	00128W	247		988.9	1017.4	24.0		18.1		1	9			259	70
60535 DJELFA	3441N	00315E	1144		887.7	1557 Y	20.6	.2	12.0		4	38	13	4	267	70
60536 SAIDA	3452N	00009E	750		932.2	1539 Y	23.0		12.8		7	38			240	
60540 EL KHEITER	3409N	00004E	1000		904.7	1539 Y	22.9		10.7		3	16			257	70
60545 LAGHOUAT	3346N	00256E	765		932.5		25.1		14.2		1	1				
60549 MECHERIA	3456N	00026W	1149		891.1	1558 Y	23.1		11.9		3	18			210	
60550 ELBAYADH	3340N	00100E	1341		871.6	1564 Y	21.6		8.7		1	4			292	
60557 NAAMA	3316N	00018W	1166		889.3	1578 Y	23.1		9.8		1	5			264	
60559 EL OUED	3330N	00607E	63		1009.0	1016.9	28.0	-.2	14.6		0	0	-5	2	287	
60560 AIN SEFRA	3246N	00036W	1058		898.4	1544 Y	24.0		11.4		2	44			259	
60566 GHARDAIA	3223N	00349E	450		965.2	1013.0	27.6	-.4	12.6		0	0	-4	2	296	
60571 BECHAR	3137N	00214W	773		926.4	1564 Y	28.1	.3	8.3		1	3	-2	3	287	75
60580 OUARGLA	3155N	00524E	141		999.2	1015.8	29.1		14.4		0	0			299	
60581 HASSI-MESSAOUD	3140N	00609E	142		999.9	1015.9	29.2	-.2	13.0		0	0	-1	4		
60590 EL GOLEA	3034N	00252E	397		970.9	1015.8	28.4	.1	11.3		0	0	-1	3	307	80
60602 BENI ABBES	3008N	00210W	499		957.9	1013.3	30.9	.8	9.2		1	2	1	5	310	85
60607 TIMIMOUN	2915N	00017E	312		978.1	1013.3	30.4	-.4	8.1		0	0	-1	4	316	
60611 IN AMENAS	2803N	00938E	562		951.7	1013.7	27.5	-.8	10.3		0	0	-1	4	327	
60620 ADRAR	2753N	00017W	263		980.7	1012.1	31.6	.0	8.2		0	0	-1	4	311	

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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	
60630 IN SALAH	2712N	00228E	293		981.8	1011.5	32.5	-.6	11.2		0	0	-1	4	324	
60640 ILLIZI	2630N	00825E	558		952.7	1012.3	29.5		11.3		0	0				
60656 TINDOUF	2740N	00808W	431		962.5	1011.4	31.3		12.4		00	0			251	
60670 DJANET	2433N	00928E	1054		907.2	1542 Y	28.5	-.2	7.7		00	0	-2	3	315	100
60680 TAMANRASSET	2247N	00531E	1378		866.8	1536 Y	27.4	.9	8.8		0	0	-8	1	306	120
60686 BORDJI B.MOKHTAR	2120N	00057E	398		964.8	1008.1	33.8		10.5						274	
60690 IN-GUEZZAM	1934N	00546E	411				35.0		12.1						204	
<b>TUNISIA</b>																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1016.9	1017.4	25.5	1.1	19.4		5	43	11	4	286	111
60725 JENDOUBA	3629N	00848E	144		1001.7	1018.2	24.6	.4	17.7		7	63	33	5	255	99
60735 KAIROUAN	3540N	01006E	68		1010.1	1017.8	26.2	.8	16.8		2	11	-28	2	265	98
60745 GAFSA	3425N	00849E	314		981.9	1017.7	25.8	.5	13.5		1	15	-7	3	285	101
60765 GABES	3353N	01006E	5		1017.2	1017.8	25.3	-.3	21.0		2	20	-2	4	303	109
<b>NIGER</b>																
61017 BILMA	1841N	01255E	357		969.9	1009.3	30.5		10.5		0	0		5	303	
61024 AGADEZ	1658N	00759E	502		953.6	1008.0	32.8		9.9		1	5		3	226	75
61043 TAHOUA	1454N	00515E	391		964.7	1007.4	31.4		21.9		2	8		1	274	105
61045 GOURE	1359N	01018E	460		960.0	1008.0	30.9		18.1		2	19		1	260	
61049 N'GUILMI	1415N	01307E	286		976.5	1008.2	31.1		20.0		1	1		2	253	95
61052 NIAMEY-AERO	1329N	00210E	227		984.6	1009.4	29.7		27.6		8	92		4	255	100
61075 BIRNI-N'KONNI	1348N	00515E	273		978.9	1009.1	30.0		26.9		7	44		1	267	100
61080 MARADI	1328N	00705E	373		966.7	1007.7	29.6		25.2		6	18		1	256	95
61090 ZINDER	1347N	00859E	453		959.3	1009.0	30.1		21.5		2	25		0	257	90
61096 MAINE-SOROA	1314N	01159E	337		971.1	1008.3	29.2		24.8		2	0043		3	254	
<b>SENEGAL</b>																
61600 SAINT-LOUIS	1603N	01627W	4		1011.4	1011.9			32.4	1.6	4	34	-58	5	191	84
61612 PODOR	1639N	01458W	7		1011.2	1012.0	31.0		28.9	2.0	4	86	13	3	194	
61627 LINGUERE	1523N	01507W	21		1009.3	1011.6	28.0		30.8	2.0	8	148	49	5	205	91
61641 DAKAR/YOFF	1444N	01730W	24		1009.4	1012.6	28.1		31.1	.9	10	89	-45	3	225	103
61679 KAOLACK	1408N	01604W	7		1012.5	1013.3	29.0		33.5		15	0121	-034	1	212	93
61687 TAMBACOUNDA	1346N	01341W	50		1006.3	1011.2	27.6		29.6	.6	15	146	-29	1	207	93
<b>OCEAN ISLANDS (UK)</b>																
61901 ST. HELENA IS.	1556S	00504W	436		967.6	1018.7	15.9				12	34			62	80
<b>MAURITIUS</b>																
61974 AGALEGA	1026S	05645E	3		1014.2	1014.7	25.5	.1	24.9	-.5	5	23	-34	1	267	
<b>OCEAN ISLANDS (FRANCE)</b>																
61976 SERGE-FROLOW (ILE TROMELIN)	1553S	05431E	13		1015.8	1017.4	24.5		23.3		12	49		6	248	
61980 SAINT-DENIS/GILLOT (REUNION)	2053S	05531E	25			1019.8	22.3		19.4		13	153		6	211	
<b>MAURITIUS</b>																
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1016.7	1017.1	24.6	1.1	23.7	.3	11	39	10	4		
61988 RODRIGUES	1941S	06325E	59		1013.4	1019.7	22.4	.4	21.0	1.4	15	56	15	4	247	103
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1014.5	1020.4	22.3	1.0	20.7	1.1	14	95	34	5	230	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.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
<b>OCEAN ISLANDS (FRANCE)</b>																
61996 MARTIN DE VIVIES (ILE AMSTER)	3748S	07732E	29		1021.2	1024.7	12.3		12.2		15	64	-19	1	86	70
61998 PORT-AUX-FRANCAIS (ILES KERG)	4921S	07015E	30		1000.8	1004.4	3.1	.9	5.7		5	19	-46	1	107	85
<b>EGYPT</b>																
62306 MERSA MATRUH	3120N	02713E	29		1011.4	1014.9	24.5	.2	19.6	-2.0	0	0		2	309	100
62337 EL ARISH	3105N	03350E	38		1008.3	1012.1	25.1	.7	22.6	.2	0	0		0		
62378 HELWAN	2952N	03120E	141		994.4	1010.8	26.8	1.0	19.3	1.3	4	4		0	310	110
62414 ASSWAN	2358N	03247E	194		986.8	1008.5	32.0	.8	10.6	.7	0	0		3	330	111
62435 KHARGA	2527N	03032E	73		1001.0	1010.1	29.9	.9	14.8	-.2	0	0		3	327	102
<b>ETHIOPIA</b>																
63331 GONDAR	1232N	03725E	1667		805.7		19.2		16.1		17	112	109			105
63402 JIMMA	0740N	03650E	1725		836.0		20.2		17.5		21	201	198			95
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		773.1	1011.0	16.4		12.9		16	0164				
63471 DIREDAWA	0936N	04151E	1260		883.1		26.5		16.9		8	59	56			95
<b>SEYCHELLES</b>																
63980 SEYCHELLES INT. AIRPORT	0440S	05531E	3		1011.7	1012.1	26.4	.0	26.8	-.3	13	336	215	5	200	88
<b>CONGO</b>																
64400 POINTE-NOIRE	0449S	01154E	17		1010.9	1012.9	24.4		25.3		1	6		2	90	125
64402 MOUYONDZI	0359S	01355E	512		953.8	1010.3	22.3		22.3		1	0022				
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		975.7	1010.8	26.2		22.5		2	12		1	181	125
64452 M'POUYA	0237S	01613E	312				21.9		24.8		4	0117				
64454 GAMBOMA	0152S	01552E	377		968.3	1010.2	25.9		24.5		8	146		2		
64458 OUESSO	0137N	01603E	352		970.8	1010.1	24.6		27.1		11	166		0		
64459 IMPFONDO	0137N	01804E	326				25.2		27.0		9	182		3		
<b>GABON</b>																
64500 LIBREVILLE	0027N	00925E	15		1010.7	1012.2	25.9	.5	28.3		16	243	139		134	141
64501 PORT-GENTIL	0042S	00845E	4		1012.0	1013.0	25.0	-.4	27.6		11	85	54		139	111
64510 BITAM	0205N	01129E	599				23.4	-.7	24.5		13	202	-26			
64550 MOUILA	0152S	01101E	89		1005.2	1010.4	21.8	-3.8	24.2		4	40	-11			
<b>CENTRAL AFRICAN REPUBLIC</b>																
64601 BOUAR	0558N	01538E	1020		901.0	1520 Y	21.5		21.9		19	187				
64655 BRIA	0632N	02159E	584		945.9	1009.8	24.3		25.8		13	197				
64656 BANGASSOU	0444N	02250E	500		955.1	1010.4	24.7		26.4		14	156				
64660 BAMBARI	0551N	02039E	475		957.1	1009.3	25.0		25.9		18	223				
<b>CHAD</b>																
64700 NDJAMENA	1208N	01502E	295		975.9	1009.1	26.0		26.9	.7	4	51	-33	1	255	112
<b>BENIN</b>																
65306 KANDI	1108N	00256E	292		978.0	1010.6	27.0	.8	29.6	2.3	11	218	28	4	214	100
65319 NATITINGOU	1019N	00123E	461		960.2	1011.4	25.7	.4	26.8	1.0	17	138	-116	1	173	107
65330 PARAKOU	0921N	00237E	393		967.7	1011.5	25.4	.4	26.2	.6	16	204	-1	4	186	125



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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>65335 SAVE</b>	0802N	00228E	200		988.8	1011.3	25.9	.3	29.3	3.0	12	178	20	3	172	143
65338 BOHICON	0710N	00204E	167		993.3	1012.2	25.5	-.5	28.1	1.6	12	189	49	4	178	145
65344 COTONOU	0621N	00223E	9		1011.0	1012.1	26.3	.3	29.3	1.2	19	300	201	5	138	84
<b>GHANA</b>																
65442 KUMASI	0643N	00136W	293		980.0	1013.4	24.9		26.5		14	244			131	35
<b>BURKINA FASO</b>																
<b>65501 DORI</b>	1402N	00002W	277		979.0	1009.8	30.1		25.2		6	52		2	253	
65502 OUAHIGOUYA	1334N	00225W	336			1009.9	28.4		26.5		5	73		2	262	
65503 OUAGADOUGOU	1221N	00131W	306		976.2	1011.0	27.6		27.0		13	181		4	224	100
65505 DEDOUGOU	1228N	00329W	300		977.4	1010.8	27.2				6	0082		0	243	
65507 FADA N' GOURMA	1202N	00022E	309		976.3	1010.7	26.8		28.7		11	150		3	206	
65510 BOBO-DIOULASSO	1110N	00419W	460		960.2	1011.3	25.8		26.0		11	102		1	194	90
<b>65516 BOROMO</b>	1145N	00256W	271		980.6	1011.0	26.8		26.7		9	139		3	217	
65518 PO	1109N	00109W	322		974.3	1010.3	25.9		27.7		10	131		2	193	
65522 GAOUA	1020N	00311W	335		978.7	1011.4	25.9		27.5		12	92		0	191	85
<b>COMOROS</b>																
67005 DZAOUZI/PAMANZI (MAYOTTE)	1248S	04517E	7			1015.7	25.3		25.1		4	15			231	
<b>MADAGASCAR</b>																
<b>67009 DIEGO-SUAREZ</b>	1221S	04918E	105		1003.8	1015.8	24.2	.1	21.4	1.6	4	10	2	4	296	101
67027 MAJUNGA	1540S	04621E	18		1012.9	1015.0	26.2	.8	22.1	1.0	1	5	3	5	316	103
<b>67083 ANTANANARIVO/IVATO</b>	1848S	04729E	1276		877.6	1547 Y	18.6	2.3	14.7	1.5	2	5	-5	1	237	95
<b>67095 TAMATAVE</b>	1807S	04924E	6		1016.7	1018.0	22.3	1.0	22.2	.7	15	119	-2	4	226	108
67161 TULEAR	2323S	04344E	8		1015.7	1016.6	23.4	1.1	12.5	-8	2	19	12	4		
<b>67197 FORT-DAUPHIN</b>	2502S	04657E	9		1017.3	1018.3	22.4	1.2	20.6	1.0	6	44	-30	3	215	91
<b>MALAWI</b>																
67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229		880.8	1545 Y	20.8		13.4						282	
<b>ZAMBIA</b>																
<b>67633 MONGU</b>	1515S	02309E	1053		894.1	1493 Y	24.8	.2	9.8		2	37	35	6		
67663 KABWE	1427S	02828E	1207		881.2	1518 Y	22.9	.8	10.2		0	0	-1	1		
<b>SOUTH AFRICA</b>																
<b>68174 PIETERSBURG</b>	2350S	02925E	1237		882.3	1545 Y	17.6		9.3		0	0	-17	1	289	105
68242 MMABATHO	2547S	02532E	1251		876.2	1540 Y	17.3		6.3		0	T			301	
68262 PRETORIA	2544S	02811E	1306		873.0	1538 Y	18.2		8.6		0	T	-20	1		
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		833.5	1531 Y	14.6		6.6		0	T	-27	1	285	102
<b>68424 UPINGTON</b>	2842S	02127E	850		922.1	1537 Y	18.2		6.1		1	16	12	5	312	104
<b>68438 KIMBERLEY</b>	2848S	02446E	1196		884.2	1530 Y	14.9		7.1		3	43	31	5	296	103
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		868.2	1531 Y	13.3		6.6		3	35	12	4	295	106
68461 BETHLEHEM	2825S	02833E	1690		834.8	1536 Y	11.9		7.5		1	4		0	281	100
68512 SPRINGBOK	2967S	01790E	1007		904.6	1535 Y	15.0		6.6		2	25		5	314	
68538 DE AAR	3065S	02400E	1287		874.8	1529 Y	14.5		6.4		3	38		5	305	
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1016.8	1018.5	18.2		15.4		7	56	-17	3	206	119
<b>68618 CALVINIA</b>	3128S	01946E	975		908.1	1534 Y	13.4		6.3		2	8			323	115

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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	%		
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1014.2	1019.2	15.0		12.6		5	25	-16	1	280	125
68828 GEORGE AIRPORT	3401S	02223E	190		996.7	1019.7	14.2		11.7		5	52			223	110
68842 PORT ELIZABETH	3398S	02562E	69		1011.6	1019.2	14.8		12.7		11	64	1	4	259	122
68858 EAST LONDON	3302S	02750E	125		1005.4	1019.2	15.9		13.0		7	205	125	5	221	108
68906 GOUGH ISLAND	4021S	00953W	54		1010.2	1016.8	10.9		10.2		21	371	101	5	94	93
<b>N AMERICA</b>																
<b>USA (ALASKA)</b>																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1011.6	.6	1.4			13	32	17	6		
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1009.5	3.9	-1.7	6.8		5	23	-17	3		
70200 NOME	6430N	16526W	7			1009.8	4.6	-1.2	6.5		10	16	-45	2		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			1009.6	6.6	- .7	8.3		14	81	30	4		
70231 MCGRATH	6258N	15537W	103			1009.1	4.5	-2.3	6.5		11	73	23	4		
70249 PUNTILLA	6206N	15245W	560				2.1		7.5		2	5				
70251 TALKEETNA	6218N	15006W	109			1007.6	5.9	-1.9	6.5		13	150	43	4		
70261 FAIRBANKS/INT.	6449N	14752W	138			1009.3	3.9	-3.6	6.6		9	35	11	5		
70273 ANCHORAGE/INT.	6110N	15001W	40			1007.2	7.3	-1.8	7.3		14	193	125	6		
70308 ST. PAUL	5709N	17013W	9			1009.8	8.6	1.6	10.0		12	61	-4	3		
70316 COLD BAY	5512N	16243W	31			1010.1	9.5	.8	10.2		19	134	22	5		
70326 KING SALMON	5841N	15639W	15			1007.3	7.9	- .5	8.5		18	172	103	5		
70341 HOMER/MUNICIPAL	5938N	15130W	22			1007.3	8.1	- .6	7.9		12	121	38	5		
70361 YAKUTAT	5931N	13940W	9			1009.1	8.8	- .2	9.3		19	582	109	5		
70398 ANNETTE ISLAND	5502N	13134W	34			1014.0	12.2	- .1	12.5		19	188	-47	2		
<b>USA</b>																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1012.1	28.1	- .4	32.1		14	155	7	4		
72202 MIAMI, FL.	2549N	08017W	4			1011.9	28.1	.4	28.8		17	277	84	4		
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1012.1	27.6	.0	28.8		19	714	498	6		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1012.3	27.4	.2	26.4		12	331	179	6		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1013.9	26.1	.5	26.6		16	416	237	5		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1015.6	24.7	- .1	24.1		11	117	4	5		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1016.1	24.6	- .1	25.3		9	94	-26	3		
72211 TAMPA/INT., FL.	2758N	08232W	3			1012.0	27.3	.1	26.3		21	388	237	5		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1013.3	25.9	.2	24.0		10	156	15	3		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1015.8	24.2	.1	21.7		10	322	252	6		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1016.0	23.7	.1	22.5		8	156	80	5		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1016.3	22.3	- .3	19.7		7	347	261	6		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1014.4	25.9	.4	22.5		5	154	4	3		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1014.8	25.6	.9	21.1		5	182	79	5		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1014.2	27.0	1.4	24.7		5	33	-107	1		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1015.8	23.6		21.7		7	89		3		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1015.5	24.4	.0	19.5		2	38	-52	1		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1015.0	26.9	1.5	20.9		11	52	-92	1		
72242 GALVESTON, TX.	2918N	09448W	16			1014.2	28.3	1.6	25.0		2	62	-88	5		
72243 HOUSTON/INTERCONTI- NENTAL,	2958N	09521W	33			1014.4	27.3	1.6	22.5		4	26	-98	1		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1015.4	25.8	1.0	18.5		3	97	18	4		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1013.1	27.7	.0	26.8		12	103	-49	5		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1013.5	27.2	.0	25.8		5	222	82	3		
<b>72253 SAN ANTONIO/INT., TX.</b>	2932N	09828W	242			1013.7	26.9	.6	21.1		6	49	-37	2		
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189			1014.2	25.8	-1.0	20.5		4	40	-43	1		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1014.1	26.8	.4	23.6		6	65	-77	2		
72256 WACO,MADISON-COOPER, TX.	3137N	09713W	155			1014.9	25.5	-.4	19.7		4	20	-69	5		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1015.2	25.8	.6	18.3		2	26	-60	1		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1014.7	23.7	-.4	18.5		4	52	-34	3		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1013.6	22.8	-1.1	16.6		10	135	69	5		
<b>72266 ABILENE/MUN., TX.</b>	3225N	09941W	546			1014.9	23.3	-1.1	18.1		2	5	-76	1		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1014.2	21.4	-.3	16.1		7	137	71	5		
<b>72270 EL PASO/INT., TX.</b>	3148N	10624W	1194			1011.5	23.3	-.3	11.6		4	23	-20	3		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1009.7	27.2	.3	12.4		4	16	-26	3		
<b>72278 PHOENIX/SKY HARBOR INTL, AZ.</b>	3326N	11201W	337			1008.2	31.2	1.4	11.7		2	4	-17	2		
<b>72290 SAN DIEGO/LINDBERGH, CA.</b>	3244N	11710W	9			1012.1	22.6	.7	17.1							
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1011.4	22.6	1.5	17.5							
<b>72304 CAPE HATTERAS, NC.</b>	3516N	07533W	3				23.9	.5			8	114	-19	2		
<b>72306 RALEIGH/RALEIGH-DURHAM, NC.</b>	3552N	07847W	134			1018.6	21.7	.0	20.4		10	114	33	4		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1018.5	22.5	.3	23.2		8	84	-15	3		
72310 COLUMBIA, SC.	3357N	08107W	69			1016.6	23.7	.3	20.9		7	184	91	5		
<b>72312 GREENVILLE/SPATANBURG, SC</b>	3454N	08213W	296			1017.1	21.5	-.3	19.6		10	284	184	5		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1017.9	21.7	-.7	18.9		6	175	87	5		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1019.1	19.0	.0	17.0		12	348	250	6		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1019.2	21.2	.3	18.7		7	224	135	5		
<b>72324 CHATTANOOGA/LOVELL FIELD, TN</b>	3502N	08512W	210			1017.2	22.2	-.2	19.1		6	210	105	5		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1017.0	21.2	.0	19.1		7	122	44	5		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1017.9	22.3	.2	17.8		5	116	29	4		
72340 NORTH LITTLE ROCK/MUNICIPAL	3450N	09215W	165				23.1				3	8		1		
<b>72344 FORT SMITH/MUN., AR.</b>	3520N	09422W	141			1016.7	24.0	.9	16.3		1	7	-75	1		
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1014.7	24.7	.6	19.4		4	25	-72	2		
72360 CLAYTON/MUN., NM.	3627N	10309W	1515			1014.3	18.5	.3	11.4		6	32	-13	3		
<b>72365 ALBUQUERQUE/INT.,NM.</b>	3503N	10637W	1620			1013.2	20.4	.1	8.6		4	25	0	4		
<b>72386 LAS VEGAS/MCCARRAN, NV.</b>	3605N	11510W	664			1009.3	27.6	.7	8.1		1	5	-2	3		
<b>72389 FRESNO/AIR TERM., CA.</b>	3646N	11943W	100			1011.4	24.4	.8	9.7							
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1019.7	21.9	.8	21.5		10	156	72	5		
<b>72405 WASHINGTON/NAT., VA.</b>	3851N	07702W	20			1020.0	22.0	.2	18.6		6	101	17	4		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1019.7	20.8	.5	18.8		7	100	14	4		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1020.1	20.0	1.1	18.7		4	58	-16	3		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1020.0	21.3	1.2	17.3		7	132	46	5		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1019.2	20.6	.8	17.4		8	298	210	6		
72412 BECKLEY (RALEIGH CTY. MUN), WV.	3747N	08107W	766			1019.7	17.6	.5	16.2		8	138	54	5		
72414 CHARLESTON/KANAWHA., WV.	3822N	08136W	299			1019.3	20.2	.4	17.8		8	195	113	5		
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267			1019.2	20.3	.7	16.6		4	39	-34	3		
<b>72422 LEXINGTON/BLUE GRASS, KY.</b>	3802N	08436W	301			1019.1	20.1		18.7		5	82		3		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1018.8	22.1	1.3	17.5		1	2	-78	0		
72425 HUNTINGTON, WV	3822N	08233W	255			1019.1	20.0	.2	18.3		7	232	158	6		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1019.6	19.9	1.3	15.7		3	76	1	5		
72429 DAYTON/. COX, OH	3952N	08407E	306			1020.5	19.2	.4	15.1		2	16	-48	1		
<b>72432 EVANSVILLE/REG., IN.</b>	3803N	08732W	118			1018.9	21.0	.3	18.1		2	4	-71	0		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1018.5	21.9	.7	18.9		1	6	-73	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	
72438 INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246			1019.5	20.5	1.3	16.8		5	19	-53	1		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1019.3	20.1	.5	14.0		3	6	-78	1		
<b>72445 COLUMBIA/REGIONAL, MO.</b>	3849N	09213W	274			1018.6	20.4	.5	16.8		3	29	-69	2		
<b>72476 GRAND JUNCTION/WALKER F., CO.</b>	3907N	10832W	1475			1012.8	18.2	-1.2	8.1		7	51	31	5		
<b>72483 SACRAMENTO/EXECUTIVECA.</b>	3831N	12130W	8			1011.6	22.3	.4	10.7		1	4	-5	4		
<b>72486 ELY/YELLAND, NV.</b>	3917N	11451W	1909			1012.5	13.4	-1	6.5		4	10	-15	4		
72488 RENO/INT., NV.	3930N	11947W	1341			1013.1	18.8	3.0	7.2							
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1013.2	19.7	1.6	13.8		1	1	-4	3		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1020.1	21.4	1.3	16.5		9	261	175	6		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1020.5	18.5	.7	17.1		8	177	89	5		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1020.4	18.2	.8	16.4		8	210	114	5		
72509 BOSTON/LOGAN INT., MA	4222N	07102W	9			1020.6	18.4	.2	15.5		6	190	113	5		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1020.4	17.8	.8	16.4		7	238	154	6		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1021.7	16.5	1.2	15.3		6	188	104	5		
72517 ALLENTOWN/A.-BETHLEHEM., PA.	4039N	07526W	117			1020.5	19.0	.8	17.2		8	243	144	5		
<b>72519 SYRACUSE/HANCOCK, NY.</b>	4307N	07607W	124			1020.6	18.3	1.9	16.7		4	82	-14	3		
<b>72520 PITTSBURGH/GREATER PITT., PA.</b>	4030N	08013W	373			1021.1	18.7	1.0	16.4		4	256	181	6		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1020.5	18.1	.5	16.7		6	142	58	5		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1020.9	17.5	.7	16.0		4	169	81	6		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1020.8	18.4	1.8	16.2		3	103	15	4		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1020.9	17.8	1.3	16.8		4	109	34	5		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1019.7	19.3	1.3	14.6		2	7	-90	1		
<b>72532 PEORIA/GREATER PEORIA, IL.</b>	4040N	08941W	202			1019.4	20.0	1.1	15.6		1	26	-72	1		
72533 FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252			1020.6	18.7	.4	15.7		4	45	-22	2		
72535 SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236			1020.5	18.9	1.2	16.3		5	24	-67	1		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1020.3	18.9	1.7	14.6		5	36	-36	1		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1020.6	19.6	2.3	15.7		3	18	-55	5		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1019.0	19.6	1.4	16.0		1	27	-75	1		
<b>72546 DES MOINES/MUN., IA.</b>	4132N	09339W	294			1017.4	20.2	1.8	17.9		4	45	-44	2		
<b>72556 NORFOLK/KARL STEFAN, NE.</b>	4159N	09726W	473			1014.8	20.7	3.4	14.8		8	83	21	5		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1016.2	20.3	2.9	16.0		8	88	15	5		
<b>72562 NORTH PLATTE/LEE BIRD, NE.</b>	4108N	10041W	849			1013.6	19.0	2.7	13.0		8	51	11	4		
72564 CHEYENNE, WY.	4109N	10449W	1872			1012.8	14.9	.9	7.5		9	78		5		
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1012.6	14.9	.6	7.7		9	45	22	5		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1012.0	18.6	.2	7.8		5	13	-19	3		
<b>72576 LANDER/HUNT, WY.</b>	4249N	10844W	1694			1012.2	14.9	.3	7.1		5	27	0	5		
<b>72578 POCATELLO/NUM., ID.</b>	4255N	11236W	1365			1014.1	14.0	-1.0	7.4		6	22	1	4		
<b>72583 WINNEMUCCA/MUN., NV.</b>	4054N	11748W	1322			1013.8	14.9	-.4			2	5	-5	3		
<b>72594 EUREKA, CA.</b>	4048N	12410W	18				13.3	-.8			3	17	-5	3		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1015.8	18.4		10.8		01	1		1		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1020.8	16.0		14.7		6	155		5		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1020.5	15.9	.8	14.2		5	82	4	3		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1020.5	16.1	1.2	14.2		5	63	-20	2		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1020.5	18.5	2.4	14.3		5	17	-90	1		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1020.3	17.7	1.5	17.0		4	6	-92	5		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1020.8	17.9	1.6	16.0		4	19	-71	1		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1019.7	18.7	2.2	15.8		1	6	-79	1		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1019.3	18.4	3.0	15.0		4	25	-60	2		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1018.2	18.0	2.9	15.7		6	147	59	5		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1019.0	18.1	3.1	14.7		6	12	-76	5		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1014.3	18.7	2.6	15.8		10	130	54	5		
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393			1013.4	18.3	2.3	15.2		14	141	98	6		
72658 MINNEAPOLIS/ST.PAUL INTL,MN.	4453N	09313W	255			1016.1	19.7	3.9	15.6		10	107	38	5		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1013.1	17.0	1.4	10.1		7	52	21	5		
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209			1013.2	14.5	.6	8.6		7	56	22	5		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1012.9	15.6	.5	8.5		7	30	-4	4		
72681 BOISE/MUN., ID.	4334N	11613W	874			1013.3	17.6	.6	7.8		1	6	-14	3		
72688 PENDLETON, OR.	4541N	11851W	456			1013.9	17.1	-.2	9.9		3	11	-4	3		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1016.8	17.2	-.2	13.8		7	26	-18	3		
72712 CARIBOU/MUN., ME.	4652N	06801W	190			1019.4	12.6	.5	11.7		5	52	-35	1		
72734 SAULT STE. MARIE, MI.	4628N	08422W	221			1018.9	16.4	3.6	15.3		4	34	-59	0		
72745 DULUTH/INT., MN.	4650N	09211W	432			1016.9	15.1	2.8	14.4		12	110	13	5		
72747 INT.FALLS/FALLS INT.MN.	4834N	09323W	361			1014.9	14.8	2.9	14.7		11	153	73	5		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1013.3	17.1	2.8	15.3		11	119	69	5		
72764 BISMARCK/MUN.,ND.	4646N	10045W	506			1012.7	16.2	2.3	12.5		8	53	16	5		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1013.0	14.9	1.4	10.6		5	26	-7	3		
72768 GLASGOW/INTL, MT.	4813N	10637W	700			1013.0	15.0	.9	8.8		2	7	-18	2		
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			1016.2	13.5	.5	8.4		5	45	16	5		
72773 MISSOULA/JOHNSON-BELL F.,MT.	4655N	11405W	972			1016.4	12.4	-.8	6.5		12	50	22	5		
72781 YAKIMA/YAKIMA AIR TERM.,WA.	4634N	12032W	325			1014.3	15.6	-.3	9.9		1	4	-6	3		
72785 SPOKANE/INT.,WA.	4738N	11732W	721			1014.2	14.5	-.4	9.7		5	18	0	4		
72792 OLYMPIA, WA.	4658N	12254W	61			1016.8	14.0	-.4	13.1		14	99	42	5		
72797 QUILLAYUTE, WA.	4757N	12433W	62			1016.8	13.5		13.4		11	174		4		
<b>CANADA</b>																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74			1001.7	1011.0	4.3	-2.0	5.6	10	44	14	5	130	95
71066 HIGH LEVEL, ALTA	5837N	11710W	338			971.3	1012.8	6.7	-1.5	6.7	5	33	-1	3		
71069 SLAVE LAKE, ALTA	5518N	11447W	581			944.0	1013.6	8.3	-.9	8.5	12	134	86	6		
71078 LYNN LAKE, MAN.	5652N	10105W	357			969.3	1012.7	8.7	1.8	8.7	12	127	68	5	149	110
71079 THOMPSON WEATHER OFFICE-MAN.	5548N	09751W	204			984.9	1012.2	9.2	2.0	8.7	9	50	-13	3		
71095 POND INLET, N.W.T.	7242N	07758W	55			1000.1	1007.2	.0		5.1	7	40		5		
71101 SANDSPIT,B.C.	5315N	13149W	6			1013.0	1013.9	13.4	.4		10	66	-28	3		
71109 PORT HARDY,B.C.	5041N	12722W	22			1013.5	1016.1	12.5	.7	12.0	15	139	8	4		
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40			1011.4	1016.3	11.6	.1	11.1	12	125	10	4		
71600 SABLE ISLAND,N.S.	4356N	06001W	4			1017.4	1018.0	15.6	.1	13.8	11	187	83	5		
71603 YARMOUTH, N.S.	4350N	06605W	43			1014.8	1020.1	13.4	-.2	13.8	6	64	-23	2	218	115
71727 BAGOTVILLE,QUE.	4820N	07100W	159			1000.3	1019.7	12.7	1.7	11.3	7	90	-9	2		
71803 GANDER INT.AIRPORT, NFLD.	4857N	05434W	151			995.5	1013.9	11.2	.1	11.0	12	219	130	6	163	115
71813 NATASHQUAN,QUE.	5011N	06149W	11			1014.0	1015.3	8.8	-.5	8.6	8	66	-28	1		
71816 GOOSE,NFLD.	5319N	06025W	49			1007.4	1013.5	9.2	.2	8.0	9	44	-46	1	158	135
71827 LA GRANDE RIVIERE, QUE	5338N	07742W	195			991.1	1015.1	9.2		9.7	16	117	4	4		
71828 SCHEFFERVILLE,QUE.	5448N	06648W	518			952.1	1015.3	6.2	.8	7.8	11	74	-20	2		
71842 SIOUX LOOKOUT,ONT.	5007N	09154W	390			967.8	1014.5	14.4	3.5	13.1	13	162	81	5		
71867 THE PAS, MAN.	5358N	10106W	271			979.6	1012.4	11.1	1.2	10.6	11	58	0	3	148	85
71869 PRINCE ALBERT,SASK.	5313N	10541W	428			961.8	1013.4	10.1	.2	9.3	7	50	11	4		
71887 KAMLOOPS,B.C.	5042N	12027W	346			973.5	1014.8	14.4	-.5	10.5	7	39	12	4		
71905 KUUJUARAPIK, QUE.	5517N	07746W	10			1012.2	1013.5	8.0	.8	8.9	14	109	16	4		
71906 KUUJUAQ, QUE.	5806N	06825W	37			1007.5	1012.5	6.0	.7	7.3	13	92	36	5		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
71907 INUKJUAK, QUE	5827N	07807W	6		1008.5	1011.7	5.0	-.1	7.5		10	96	32	5		
71910 CAPE DORSET, N.W.T.	6413N	07632W	50		1003.1	1009.5	2.1		6.1		11	79		5		
71945 FORT NELSON, B.C.	5850N	12235W	382		966.5	1013.0	7.5	-1.3	6.9		10	42	-1	4		
71950 SMITHERS, B.C.	5449N	12711W	523		952.5	1014.7	8.7	-1.1	8.5		14	93	40	5		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		926.4	1010.8	5.7	-1.6	6.1		9	32	-3	3		
<b>MEXICO</b>																
76225 UNIV. DE CHIHUAHUA, CHIHUAHU	2838N	10605W	1435		853.9	1010.5	22.2		15.3		6	126		4		
76256 EMPALME, SON	2755N	11054W	11		1008.1	1009.3	28.4		27.6		7	107		4	285	
76311 CHOIX, SIN.	2643N	10817W	238		982.2	1008.8	28.4		27.8		9	107		3	234	165
76373 TEPEHUANES, DGO	2521N	10547W	1967		820.9	1014.4	20.9		15.7		12	0099			205	
76390 SALTILLO, COAH	2527N	10059W	1790		824.2	1012.5	17.7		17.1		8	66		2	196	
76393 MONTERREY, N.L.	2552N	10012W	512		955.2	1012.5	25.1		23.3		10	387		6	174	
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1005.7	1011.3	27.0		26.2		7	127		5	255	
76405 LA PAZ, B.C.S.	2416N	11025W	18		1008.2	1010.3	29.6		26.5		6	32		3	252	
76423 DURANGO, DGO	2402N	10440W	1872			1009.8	19.1		16.4		17	160		5	187	
76458 COLONIA JUAN CARRAS-CO MAZAT	2312N	10625W	4		1010.1	1010.5	28.6	.1	29.6	-1.5	13	356	139	5	224	104
76556 TEPIC, NAY	2131N	10454W	922		910.2	1010.0	23.4		24.5		21	210		3	160	
76577 GUANAJUATO, GTO.	2101N	10115W	1999		804.7	1011.1	18.7	-.2	18.2	3.2	18	312	185	1	153	77
76634 TULANCINGO, HGO.	2005N	09822W	2181		787.2	1018.0	18.0		14.4		6	67		4	181	
76644 AEROP. INTERNACIONAL MERIDA,	2059N	08939W	9		1010.5	1011.8	27.4	.5	29.0	.3	19	282	102	5	282	136
76647 VALLADOLID, YUC.	2042N	08813W	22		1007.9	1010.9	28.1		30.0		16	143		2	241	
76654 MANZANILLO, COL.	1903N	10420W	3		1009.5	1009.9	28.3		30.0		14	164		2	224	
76665 MORELIA, MICH.	1942N	10111W	1913		811.5	1010.5	18.7	.6	17.1	2.1	23	202	83	5	166	109
76675 TOLUCA, MEX	1918N	09940W	2720		738.0	1010.4	13.7		12.4		20	153			178	
76692 HACIENDA YLANG YLANG VER.	1909N	09607W	13		1010.3	1013.3	27.8	.2	28.9	.1	14	214	-138	1	205	109
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1010.5	1011.6	28.9		29.6		12	171		2	211	
76743 VILLAHERMOSA, TAB	1759N	09255W	10		1010.7	1011.5	27.7		33.0		17	225			181	
76750 CHETUMAL, Q.ROO	1829N	08818W	9		1009.4	1010.4	28.3		29.5		13	203		3	223	
76848 COMITAN, CHIS.	1615N	09208W	1530		837.2	1006.4	19.3		17.4		21	438		4	212	
76903 TAPACHULA, CHIS.	1455N	09216W	182		997.7	1011.2	26.9		28.4		22	310		2	166	
<b>BAHAMAS</b>																
78073 NASSAU AIRPORT	2503N	07728W	7		1012.3	1013.1	28.2	.9	30.1	.9	9	188	17	4	230	108
<b>JAMAICA</b>																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8			1011.6	28.6		31.4		14	260			182	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1009.6	1011.2	28.6		27.2		12	547		6	228	
<b>PUERTO RICO AND US POSS</b>																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1012.6	28.4	.3	28.9		14	249	115	6		
<b>BELIZE</b>																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1010.2	1010.7	28.4	.8	31.5		17	196	-82	2	259	147
<b>NICARAGUA</b>																
78741 MANAGUA A.C. SANDINO	1209N	08610W	56		1003.8	1010.0	27.1		28.4		11	62			218	120
<b>COSTA RICA</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	%		
78762 JUAN SANTAMARIA	1000N	08413W	939		908.5	1009.8	27.3		22.3		24	306	-49	2		
78767 PUERTO LIMON	1000N	08303W	3		1009.7	1010.1	25.9	.2	26.8		7	211	48	4	192	125
<b>ST. MAARTEN, ST. EUST., SABA</b>																
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1013.7	1014.2	28.4	.2	30.6	1.5	12	148	17	4	231	100
<b>ST. MARTIN, ST. BARTH., GUAD.</b>																
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1011.8		27.2	-.2	26.6		17	220	-16	3	191	95
<b>MARTINIQUE</b>																
78925 LE LAMENTIN	1436N	06100W	7		1011.9	1012.8	27.5	.5	28.4	-1.5	20	190	-46	1	189	85
<b>BARBADOS</b>																
78954 GRANTLEY ADAMS	1304N	05929W	56		1006.8	1013.2	28.0		29.9		13	126		3	245	65
<b>TRINIDAD AND TOBAGO</b>																
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1009.7	1012.2	27.6	1.1	29.6	.9	15	175	-27	2	225	114
<b>CURACAO AND BONAIRE</b>																
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1010.5	1011.4	28.8	.1	31.5	1.3	6	28	-17	3	266	105
<b>COLOMBIA</b>																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6			1011.4	28.3	.6	32.1	.9	6	177	-57	3	240	124
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				27.2		29.4		14	137		2	225	115
<b>S AMERICA</b>																
<b>COLOMBIA</b>																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1009.3	1009.8	28.6	.6	29.9	.6	9	137	72	5	190	90
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1009.9	1010.1	28.0	.1	31.9	1.2	13	280	136	6	162	90
80028 BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30		1008.6	1010.3	27.3	-.4	30.8	.4	15	253	107	5	152	92
80084 APARTADO/LOS CEDROS	0748N	07642W	20				27.0		30.7		16	369			117	95
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				27.3	-.4	28.5	.1	17	439	153	5	158	86
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		881.6		21.4		20.9		13	89	-4	2	152	95
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		974.6	1009.1	28.1	-.2	24.7	.7	7	63	-9	3	210	105
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		991.1	1005.6	27.1	.7	29.5	1.1	9	202	25	3	173	98
80112 RIONEGRO/J. M. CORDOVA	0608N	07526W	2142		790.0		16.1		14.9		24	262			141	75
80139 PUERTO CARENNO/A. GUAUQUEA	0610N	06730W	55				28.0	1.1	27.7	.7	12	232	18	4	158	103
80144 QUIBDO/EL CARANO	0543N	07637W	53				26.4	.2	29.0	-.4	24	436	-252	1	109	101
80210 PEREIRA/MATECANA	0449N	07544W	1342		865.6		21.2	-.3	19.1	.0	19	240	51	4	147	100
80214 IBAGUE/PERALES	0426N	07509W	928				24.0	-.4	20.5	-.3	12	144	-16	3	177	99
80222 BOGOTA/ELDORADO	0442N	07408W	2546		752.7		12.5	-.6	11.7	-.2	13	59	-14	2	122	99
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		960.0	1009.3	25.4	.4	24.8	.2	21	428	65	4	142	97
80259 CALI/ALFONSO BONILLAARAGON	0333N	07623W	969		905.4		23.2		21.1		8	62	-7	2	164	100
80315 NEIVA/BENITO SALAS	0258N	07518W	443		958.0	1006.2	29.2	.3	22.1	.9	3	42	-17	3	156	95
80370 IPIALES/SAN LUIS	0049N	07738W	2961				10.8	.5	9.9	-.4	9	74	23	5	150	128
80398 LETICIA/VASQUEZ COBO	0433S	06932W	84		1004.2	1013.8	25.5	-.5	28.3	.0	16	296	70	4	142	80

# 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.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
<b>VENEZUELA</b>																
80403	CORO	1125N	06941W	17			29.0	.2	29.9		8	41	9	4	238	91
80407	MARACAIBO-LA CHINITA	1034N	07144W	65	1000.9	1008.4	27.8	-.4	29.3		14	101	-3	3	183	95
80410	BARQUISIMETO	1004N	06919W	614	941.6		24.6	.7			5	52	13	4	225	99
80413	MARACAY - B.A. SUCRE	1015N	06739W	437	962.8	1011.5	24.5	-1.1	25.3		12	102	-33	2	212	93
80415	CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48	1005.2	1010.5	29.1	1.7	26.8		14	112	58	5	194	85
80416	CARACAS/LA CARLOTA	1030N	06653W	835	918.6		23.4	.7	23.5		16	116	2		198	93
80419	BARCELONA	1007N	06441W	7	1009.8	1012.7	27.4	.6	28.6		13	208	124	6	205	84
80420	CUMANA	1027N	06411W	4	1010.9	1011.5	27.2		26.9		8	99				
80421	PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19	1008.1	1011.0	28.3		30.2		2	51			267	100
<b>80423</b>	<b>GUIRIA</b>	1035N	06219W	14			26.7	-.8	26.7		9	80	-52	2	240	111
<b>80425</b>	<b>MENE GRANDE</b>	0949N	07056W	28			27.5	.3	30.7		18	300	133	5	186	90
80426	VALERA	0921N	07037W	582			24.9		22.6		8	234		1	157	90
80427	ACARIGUA	0933N	06914W	225			25.0	-.2	23.8		11	211	49		202	107
80428	GUANARE	0901N	06944W	163			26.4	.9	28.2		11	85	-88		198	102
80431	SAN JUAN DE LOS MORROS	0955N	06720W	429			24.3		24.5		15	364		1	194	95
80432	CARRIZAL	0925N	06655W	161	989.6	1007.8	26.0		30.1		12	184			192	85
80434	VALLE DE LA PASCUA	0913N	06601W	125	991.4	1006.6	25.7		27.6		11	166			193	
80435	MATURIN	0945N	06311W	66	1003.6	1011.0	27.5	.8	28.2		10	138	7	3	244	115
80437	EL VIGIA	0838N	07139W	103			26.4				8	35			160	
80447	SAN ANTONIO DEL TACHIRA	0751N	07227W	378			27.5	.5	18.4		8	131	76	5	174	89
80448	GUASDUALITO	0714N	07048W	131			26.3	.7	29.1		15	247	59		149	83
<b>80450</b>	<b>SAN FERNANDO DE APURE</b>	0754N	06725W	48			27.1	.5	31.1		7	135	-38	2	196	96
<b>80453</b>	<b>TUMEREMO</b>	0718N	06127W	181			25.3	-.6	12.1		6	183	92	5	231	104
80457	PUERTO AYACUCHO	0536N	06730W	74	1004.8	1010.8	26.7	.9	21.8		16	146	-52	2	163	97
<b>80462</b>	<b>SANTA ELENA DE UAIREN</b>	0436N	06107W	907			21.8	.6	22.2		14	125	12	3	217	93
80472	VALENCIA	1010N	06756W	431			24.9		25.7		13	126		1	206	
80475	STO.DOMINGO (B.A.)	0735N	07204W	327			24.8		21.0		17	443			182	100
<b>SURINAME</b>																
81225	ZANDERIJ	0527N	05512W	15	1009.5	1011.9	27.4				10	120				
<b>FRENCH GUIANA</b>																
<b>81405</b>	<b>CAYENNE/ROCHAMBEAU</b>	0450N	05222W	9	1011.2	1012.1	27.0		28.5		10	111	38	5	253	101
81408	SAINTE GEORGES DE L'OYAPOCK	0353N	05148W	7	1010.6	1011.7	27.9		27.3		6	210	146	1	246	100
81415	MARIPASOULA	0338N	05402W	106	1000.1	1012.1	26.8		27.0		9	55	-30	2	240	96
<b>BRAZIL</b>																
<b>82024</b>	<b>BOA VISTA</b>	0249N	06039W	90			27.9		29.4		12	194		4		
82098	MACAPA	0002N	05103W	15	1010.2	1011.9	28.6	1.1	29.5		4	34	-8	3		
<b>82106</b>	<b>SAO GABRIEL DA CACHOEIRA</b>	0008S	06705W	90			26.3		27.4		19	149		2	165	
<b>82113</b>	<b>BARCELOS</b>	0059S	06255W	40			26.5	.7	29.7		9	62	34	1	166	100
82191	BELEM	0127S	04828W	10	1010.2	1011.0	26.9	.8	29.9		19	132	-8	4		
82212	FONTE BOA	0232S	06610W	56	1003.9	1010.7	26.5		30.3		12	120		2	157	
82246	BELTERRA	0238S	05457W	176	992.2	1011.8	26.5	1.2	30.4		7	62	21	5		
82280	SAO LUIZ	0232S	04418W	51	1006.3	1012.1	27.2	.8	28.9		1	2	-18	3		
82287	PARNAIBA	0305S	04147W	22	1005.8	1008.5	27.6	.2	24.8		1	102	100	5	299	100
82397	FORTALEZA	0346S	03836W	26	1010.7	1013.8	26.9	.3	25.8		4	25	3	4	298	106
<b>82410</b>	<b>BENJAMIN CONSTANT</b>	0423S	07002W	65			26.1	.1	29.3		14	151	133	4		



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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	
82425 COARI	0405S	06308W	46		1006.8	1012.4	27.7	1.7	30.9		12	80	62	2		
82445 ITAITUBA	0416S	05559W	45		1008.1	1013.3	28.5	1.0	33.0		8	110	36	5		
82533 MANICORE	0549S	06118W	50		1005.4	1010.9	26.8	- .5	37.8		9	119	72	3		
82562 MARABA	0521S	04909W	95		1000.3	1011.1	28.1	1.2	27.1		2	20	-36	1		
82571 BARRA DO CORDA	0530S	04516W	153		993.7	1011.0	28.6	1.6	24.7		2	17	-4	3		
82578 TERESINA	0505S	04249W	74		1003.0	1013.1	28.9	.5	26.7		2	9	-7	3	303	122
82586 QUIXERAMOBIM	0512S	03918W	212		986.2	1008.0	27.9	.5	21.0						302	114
82598 NATAL	0546S	03512W	45		1009.7	1015.0	25.8		28.3		8	0044		2	275	105
82678 FLORIANO	0646S	04301W	123		997.7	1013.3	30.7	1.1	17.8		0	0	-39	0	307	117
82704 CRUZEIRO DO SUL	0738S	07240W	170		987.9	1007.1	25.5	- .6	26.6		9	68	52	1		
82723 LABREA	0715S	06450W	60		1003.9	1012.1	26.4	.3	28.6		9	68	52	1		
82765 CAROLINA	0720S	04728W	192		990.1	1013.8	29.4	1.6	25.0		5	34	-15	2		
82784 BARBALHA	0719S	03918W	409		967.4	1014.5	27.0	.8	19.3		0	0	-5	2	270	98
82791 PATOS	0701S	03716W	249		985.1	1012.9	27.6		18.5		2	2		4	303	105
82825 PORTO VELHO	0846S	06305W	95		1001.0	1008.3	26.4	.8	24.0		8	64	-22	1		
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160		991.5	1008.4	28.4	2.0	25.9		4	16	-63	1		
82900 RECIFE (CURADO)	0803S	03455W	7		1015.1	1016.0	24.9	.3	25.4		14	81	-41	3	229	106
82915 RIO BRANCO	0958S	06748W	136		993.3	1011.6	25.2	.0	26.5		7	36	-60	1		
82983 PETROLINA	0923S	04029W	370		972.5	1014.0	26.5	.3	16.5		0	0	-6	3	283	108
83064 PORTO NACIONAL	1031S	04843W	250		983.5	1009.5	24.5	-3.5	15.8		0	0	-51	1		
83096 ARACAJU	1055S	03703W	6		1015.8	1016.5	25.3	.2	23.9		12	58	-37	2	221	101
83186 JACOBINA	1111S	04028W	484		961.1	1014.7	23.6	.4	18.9		2	8	-23	3	236	123
83229 SALVADOR	1301S	03831W	51		1012.0	1018.0	24.5	.3	24.2		5	40	-72	1	237	112
83235 TAGUATINGA	1216S	04626W	660		945.0	1011.2	27.4	.9	13.1		1	4	-25	2		
83236 BARREIRAS	1209S	04500W	440		962.6	1011.1	26.6	.7	12.9		1	3	-17	2		
83242 LENCOIS	1234S	04123W	438		966.4	1016.0	23.6	.9	16.6		2	3	-46	1	235	148
83264 VERA (GLEBA CELESTE)	1212S	05630W	415		968.7	1014.9	26.4	2.2	21.2		2	19	-159	2	150	99
83288 BOM JESUS DA LAPA	1316S	04325W	440		963.6	1011.9	26.7	.0	15.8		0	0	-12	0	303	126
83332 POSSE	1406S	04622W	950		922.2	1011.1	26.1	1.4	12.8		1	4	-26	2		
83344 VITORIA DA CONQUISTA	1457S	04053W	893		919.4	1016.6	18.7	- .8	14.8		2	2	-28	1	274	157
83361 CUIABA	1533S	05607W	179		994.0	1014.2	27.0	.4	21.4		2	12	-46	2	187	105
83377 BRASILIA	1547S	04756W	1158			1012.5	23.6	1.1	11.0						274	135
83423 GOIANIA	1641S	04917W	729		930.9	1010.7	27.5	2.9	13.4		1	6	-41	1		
83437 MONTES CLAROS	1643S	04352W	646		943.1	1014.5	23.1	.4	13.0		0	0	-21	0	306	135
83492 TEOFILLO OTONI	1751S	04130W	356		977.4	1015.9	23.2	1.4	17.6		1	2	-33	1	227	153
83498 CARAVELAS	1744S	03915W	3		1018.9	1019.4	23.4	.3	20.5		3	56	-30		224	122
83552 CORUMBA	1900S	05739W	130		994.8	1012.8	26.8	2.6	20.1		1	17	-30	2		
83579 ARAXA	1934S	04656W	1004		903.8	1013.7	23.4	2.9	12.5		1	2	-64	1	275	137
83587 BELO HORIZONTE	1950S	04356W	850		915.2	1014.7	23.0	2.0	13.5		0	0	-40	1	267	127
83592 CARATINGA	1948S	04209W	609		949.3	1017.8	21.1	.7	16.5		1	18	-61	1	250	132
83648 VITORIA	2019S	04020W	36		1014.7	1019.0	23.9	1.3	21.5		4	27	-51	1	221	
83676 CATANDUVA	2108S	04858W	536				26.5	3.7			0	0	-57	0	222	114
83698 CAMPOS	2145S	04120W	11		1017.2	1018.6	23.6		21.2		0	0		1		
83702 PONTA PORA	2232S	05544W	650		938.4	1014.2	22.3	2.6	15.0		3	45	-59	1	181	112
83766 LONDRINA	2323S	05111W	566		951.0	1015.3	23.4	3.4	17.7		5	30	-69	1	205	130
83781 SAO PAULO	2330S	04637W	792		927.4	1015.9	21.2	3.4	16.4		4	9	-71	1		
83836 IRATI	2528S	05038W	837		918.1	1015.1	17.9		13.6		4	48		1	162	
83842 CURITIBA	2526S	04916W	923		914.4	1017.4	17.9	2.9	15.9		6	66	-49	1	148	121
83881 IRAI	2711S	05314W	247		985.5	1015.5	19.7	2.3	17.9		10	171	12	3	136	93

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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	%		
83897 FLORIANOPOLIS	2735S	04834W	2		1017.1	1017.4	19.9	2.4	19.5		9	128	2	3	129	100
83967 PORTO ALEGRE	3001S	05113W	47		1011.6	1017.3	18.6	1.8	17.8		11	193	54	4	126	83
83980 BAGE	3120S	05406W	217		988.5	1016.9	16.0	1.0	14.2		6	162	13	5	157	105
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1014.7	1019.1	14.4	.9	14.2		5	100	-5	3	154	94
<b>PERU</b>																
84370 TUMBES	0333S	08024W	27		1007.7	1010.6	24.1		23.4							
84377 IQUITOS	0345S	07315W	126		1000.9	1011.5	25.5		26.1		14	251	62	4		
84401 PIURA	0511S	08036W	55		1009.7	1016.6	21.6		19.6							
84452 CHICLAYO	0647S	07950W	34		1012.3	1015.4	19.4		17.3		1	4	3	5		
84455 TARAPOTO	0627S	07623W	282		984.1	1019.2	26.7		26.6		7	57	-21	2		
84501 TRUJILLO	0806S	07902W	30		1012.0	1016.1	18.0		20.6							
84515 PUCALLPA	0825S	07436W	149		994.6	1012.1	26.9		26.5		6	139		4		
84628 LIMA-CALLAO/AEROP. INTERNACI	1200S	07707W	13		1012.9	1014.5	17.6		17.0							
84686 CUZCO	1333S	07159W	3249		689.1		11.8		7.2		5	18	-4	3		
84691 PISCO	1345S	07617W	7		1012.8	1013.5	17.9		17.2							
84735 JULIACA	1529S	07009W	3826		643.6		11.2		7.4		2	26	4	4		
84752 AREQUIPA	1619S	07133W	2539		754.0		15.4		5.3							
84782 TACNA	1804S	07018W	469		964.1	1015.7	16.3		13.1							
<b>CHILE</b>																
85406 ARICA	1821S	07020W	55		1011.7	1016.1	16.9	.6	14.3	.0					184	130
85418 IQUIQUE	2032S	07011W	48		1010.3	1016.0	16.2	.3	13.9	.2					207	110
85442 ANTOFAGASTA	2326S	07027W	140		999.6	1016.5	15.1	.8	14.2	1.5					237	105
85469 ISLA DE PASCUA	2710S	10926W	69		1012.6	1020.6	19.3		18.6		13	138		5	172	95
85470 COPIAPO	2718S	07025W	290		980.9	1015.2	13.7	.5	11.7	.3					231	95
85488 LA SERENA	2955S	07112W	146		1001.0	1017.0	12.2	.6	12.1	.6		2	-3	4	157	90
85574 PUDAHUEL	3323S	07047W	474		961.9	1017.8	11.9		9.1		3	12		3	214	115
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		956.5	1017.0	12.8		9.9		3	24		4	183	110
85585 ISLA JUAN FERNANDEZ	3337S	07849W	30		1016.9	1020.5	12.3		10.5		7	43		2	139	100
85629 CURICO	3458S	07113W	220								5	65	9	3	181	110
85672 CHILLAN	3635S	07202W	148								5	58	-36	2	212	110
85682 CONCEPCION	3646S	07304W	13		1018.4	1019.5	10.2	.5	10.0	-.1	7	74	-13	3	226	115
85743 TEMUCO	3846S	07238W	93		1008.9	1020.3	8.6	-.2	8.8	-.6	11	91	-3	4	141	95
85766 VALDIVIA	3938S	07305W	19								11	145	-17	3	145	95
85799 PUERTO MONTT	4126S	07306W	90		1008.4	1019.5	7.6	-.2	9.5	.4	17	104	-41	1	145	115
85864 COYHAIQUE	4536S	07206W	311		974.9	1012.3	6.3	.4	6.6	-.3	13	96	7	4	147	90
85874 BALMACEDA	4555S	07142W	522		950.1	1012.0	4.8	.7	6.1	.1	6	38	-11	3		
85934 PUNTA ARENAS	5300S	07051W	43		993.7	999.9	4.6	.6	6.8	.4	7	29	5	4	174	115
<b>PARAGUAY</b>																
86011 BASE 5 ``GRAL A.JARA``	1932S	05922W	150		996.4	1014.1	25.2		16.9		2	24		3		
86065 PRATS-GIL	2242S	06130W	220		988.9	1014.1	23.9		14.1		0	0		0		
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	181		993.4	1011.2	25.1	1.5	15.2	.8	0	0	-16	1		
86086 PUERTO CASADO	2217S	05752W	87		1003.9	1013.8	23.6	.3	17.5	-.2	2	40	-11	2		
86097 PEDRO JUAN CABALLERO	2235S	05539W	662		950.8	1012.0	23.0		15.0		3	26		2		
86134 CONCEPCION	2325S	05718W	74		1004.1	1013.4	22.9	1.1	16.7	-.8	3	6	-61	0		
86185 SAN PEDRO	2404S	05705W	80		1004.3	1013.7	21.6		17.0		2	9		0		
86218 ASUNCION/AEROPUERTO	2516S	05738W	101		1004.5	1014.0	21.8	1.3	16.2	.4	5	27	-51	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.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
86233 VILLARRICA	2545S	05626W	161		993.7	1012.3	21.0	1.3	17.3	1.1	7	56	-54	2		
<b>URUGUAY</b>																
86330 ARTIGAS	3023S	05630W	120		1001.2	1015.5	17.7	1.7	13.8	.3	8	109	-4	3	179	95
86350 RIVERA	3053S	05532W	241		987.9	1016.1	16.7		14.0		9	154		3	180	100
86360 SALTO	3123S	05757W	33		1011.2	1015.8	16.9	2.0	12.7	.5	5	0029	-078	1	187	96
86430 PAYSANDU	3220S	05802W	61		1010.1	1017.3	16.2		12.9		6	52		2	226	110
86440 MELO	3222S	05413W	100		1004.7	1016.7	15.3	1.2	13.6	1.1	7	143	22	4	190	110
86460 PASO DE LOS TOROS	3248S	05631W	75		1007.4	1016.5	15.4	1.1	12.9	.5	6	62	-35	3	212	117
86490 MERCEDES	3315S	05804W	17		1015.1	1017.3	14.8	.9	12.5	.7	3	0062	-023	1	205	106
86500 TREINTA Y TRES	3313S	05423W	46		1011.8	1017.5	14.8	1.0	13.5	1.2	7	126	7	3	182	112
86560 COLONIA	3427S	05750W	23		1013.9	1017.2	15.2	1.1	12.0	.0	4	49	-31	2	217	112
86565 ROCHA	3429S	05418W	18		1015.5	1017.9	13.3	.6	12.4	-.2	9	105	-1	2	189	108
86580 CARRASCO	3450S	05600W	32		1013.4	1017.5	13.8	.6	11.6	.2	5	46	-47	0	200	96
<b>ARGENTINA</b>																
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3459		672.5	3118 Z	10.7	2.0	4.4	.5	3	17	15	5	291	
87016 ORAN AERO	2309S	06419W	357		970.2	1010.7	21.0	1.2	15.4	1.4	5	100	90	6	154	
87022 TARTAGAL AERO	2239S	06349W	450		961.0	1011.6	22.0		13.1		2	31			189	
87047 SALTA AERO	2451S	06529W	1221		879.6		16.9	1.9	11.4	1.7	4	23	17	5	217	134
87097 IGUAZU AERO	2544S	05428W	270		982.8	1014.2	21.2		18.2		3	43		2	140	
87121 TUCUMAN AERO	2651S	06506W	450		962.5	1013.7	19.2		11.4		2	10			205	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		991.1	1014.2	20.2	1.8	10.3	-.8					211	60
87162 FORMOSA AERO	2612S	05814W	60		1006.5	1013.5	20.8	1.3	15.9	-.3	3	81	-4	3	171	92
87163 B.DE IRIGOYEN AERO	2615S	05309W	815		923.8	1528 Y	19.0		15.1		7	106			201	
87166 CORRIENTES AERO.	2727S	05846W	62		1007.5	1014.7	19.6	1.2	16.1	1.0	7	141	67	5	169	87
87178 POSADAS AERO.	2722S	05558W	125		999.7	1014.1	20.7	1.9	16.7	.9	9	88	-53	3	133	
87213 CHILECITO AERO	2914S	06726W	945			1531 Y	20.2		6.9						267	
87217 LA RIOJA AERO.	2923S	06649W	429		963.8	1012.0	20.0	2.2	10.7	1.0	2	8	2	4	234	103
87222 CATAMARCA AERO.	2836S	06546W	454		959.4	1010.5	21.4		9.5		2	7		2	168	
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341				16.0	.0	10.2	-.7	2	9	-24	2		
87257 CERES AERO	2953S	06157W	88		1004.5	1014.8	18.2	2.0	12.0	-.5	2	49	1	4	212	98
87270 RECONQUISTA AERO	2911S	05942W	53		1008.9	1015.1	18.6	1.8	13.7	-1.2	4	59	-8	3	164	80
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1006.7	1014.9	18.0	1.3	15.0	.5	7	47	-86	1	117	75
87311 SAN JUAN AERO	3134S	06852W	598		946.5	1014.8	16.3		6.9						263	100
87320 CHAMICAL AERO	3022S	06617W	461		960.6	1013.0	20.0	2.5	12.8	4.0					257	
87322 CHEPES	3120S	06636W	658			1012.8	18.2	2.0	10.2	.3						
87328 VILLA DOLORES AERO	3157S	06508W	569		949.2	1014.0	17.1	1.3	7.9	-.2					255	110
87344 CORDOBA AERO	3119S	06413W	474		961.3	1015.8	16.8	1.9	8.1	-1.5	1	4	-34	1	242	
87349 PILAR OBSERVATORIO	3140S	06353W	338		977.3	1016.6	16.2	1.9	8.5	-.9					246	111
87374 PARANA AERO	3147S	06029W	78		1007.2	1016.3	16.8	2.0	12.0	-.1	2	21	-48	2		
87393 MONTE CASEROS AERO	3016S	05739W	54		1009.6	1016.0	17.8	1.4	14.4	.4	9	107	4	3	187	99
87395 CONCORDIA AERO	3118S	05801W	38		1011.4	1016.1	17.2	1.6	16.1	3.1	5	50	-50	1	128	
87418 MENDOZA AERO	3250S	06847W	704		934.7	1014.7	15.5	2.1	8.0	.6	1	7	0	4	250	111
87436 SAN LUIS AERO	3316S	06621W	713			1013.8	16.2	1.7	7.3	-.4					256	107
87448 VILLA REYNOLDS AERO	3344S	06523W	486			1016.7	13.3	.4	8.3	-.2					238	113
87453 RIO CUARTO AERO	3307S	06414W	420		967.2	1016.2	14.7	1.2	8.2	-.6					213	
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1003.0	1016.5	15.4	1.7	11.0	-.1					244	125
87480 ROSARIO AERO	3255S	06047W	25		1013.3	1016.2	16.0	2.1	11.2	-.5	1	6	-55	1	215	104

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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	%
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1014.6	1017.0	15.7	1.4	12.0	-.1	3	62	-12	3	169	106
87506 MALARGUE AERO	3530S	06935W	1425		858.9	1520 Y	9.2	1.1	5.2	-.4	2	11	-10	2	255	
87509 SAN RAFAEL AERO	3435S	06824W	748		930.5	1016.1	12.8	.8	7.1	-.1	1	4	-23	1	215	107
87532 GENERAL PICO AERO	3542S	06345W	145		1000.7	1020.1	13.8	.8	8.6	-.9	2	50	3	1	149	90
<b>87534 LABOULAYE</b>	3408S	06322W	137		1001.0	1017.3	13.4	.2	9.5	.0					229	108
87544 PEHUAJO AERO	3552S	06154W	87		1006.8	1017.8	14.2	2.0	8.8	-1.7	2	6	-52	1	225	110
87548 JUNIN AERO	3433S	06057W	81		1007.5	1017.1	14.4	1.7	9.6	-1.0	1	11	-43	1	215	107
87550 NUEVE DE JULIO	3527S	06053W	76		1007.8	1016.8	14.3	1.0	9.6	-1.4	2	7	-58	1		
87563 LAS FLORES AERO	3604S	05906W	38		1012.8	1017.2	13.1		10.5		2	16		1	229	
87576 EZEIZA AERO	3449S	05832W	20		1015.6	1018.0	14.2	1.3	11.2	.2	4	16	-46	1	171	143
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1017.2	1017.9	15.4	1.3	11.8	-.2	2	21	-44	1	224	119
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1014.7	1017.8	15.6	1.2	11.2	-.3	2	22	-51	1	209	111
87593 LA PLATA AERO	3458S	05754W	19		1015.0	1017.9	13.1	.6	11.8	.2	2	21	-52	1	217	127
87623 SANTA ROSA AERO	3634S	06416W	191		994.5	1017.2	13.2	1.0	7.6	-1.4	1	2	-39	1	210	113
87641 AZUL AERO	3650S	05953W	147		1000.7	1018.5	10.7		9.2		1	17		1	214	
87645 TANDIL AERO	3714S	05915W	175		997.1	1018.2	10.4		8.7		1	23		1	174	90
87648 DOLORES AERO	3621S	05744W	9		1017.2	1018.2	12.5	.9	10.4	-.5	6	36		2	137	80
87679 FIGUE AERO	3736S	06223W	304			1017.9	12.3	2.1	8.0	-.8	4	39	-11	3		
87688 TRES ARROYOS	3820S	06015W	115		1003.7	1017.6	11.2		8.3		3	68		4	191	100
<b>87692 MAR DEL PLATA AERO</b>	3756S	05735W	21		1015.9	1018.4	10.6	.1	9.4	-.9	3	34	-22	2	91	
<b>87715 NEUQUEN AERO</b>	3857S	06808W	271		984.8		12.3	1.1	6.3	.2					299	156
87736 RIO COLORADO	3901S	06405W	79		1007.1	1016.6	13.2		9.7		4	54			179	
<b>87750 BAHIA BLANCA AERO</b>	3844S	06210W	83		1006.8	1016.8	12.3	.9	7.9	-.5	4	45	0	3	220	126
87765 BARILLOCHE AERO	4109S	07110W	840		920.5	1486 Y	5.2	.5	5.6	-.7	6	82	25	4	215	112
87774 MAQUINCHAO	4115S	06844W	888		913.7	1471 Y	7.6	1.7	4.5	-.5	1	2	-9	2		
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1012.5	1014.9	12.1	.1	6.6	-.9	1	3	-9	2	190	
87791 VIEDMA AERO	4051S	06301W	7		1014.4	1015.2	11.1		7.2		4	33		4	225	110
87800 EL BOLSON AERO	4158S	07131W	337		977.2	1018.0	7.9		7.6		8	81			178	
<b>87803 ESQUEL AERO</b>	4256S	07109W	785		921.1	1014.2	6.3	1.1	5.9	.4	6	27	-10	1	213	
87823 P. MADRYN AERO	4244S	06504W	136		996.2	1012.6	11.5		6.4		4	15			192	
<b>87828 TRELEW AERO</b>	4312S	06516W	43		1007.7	1012.9	11.6	1.0	6.6	.7	2	5	-6	2	175	90
87852 PERITO MORENO AERO	4631S	07101W	429		957.3	1008.4	7.6				1	2			195	
<b>87860 COMODORO RIVADAVIA AERO</b>	4547S	06730W	46		1003.9	1009.4	11.3	1.4	5.7	-.3	2	16	4	4	192	128
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		961.4	1004.0	7.9		4.6		0	T		1	192	
87896 PUERTO DESEADO AERO	4744S	06555W	80		997.2	1006.8	8.7	1.3	6.0	-.6	01	1	-12	1	119	104
87909 SAN JULIAN AERO	4919S	06745W	62		997.3	1005.0	8.0		6.4		0	T		1	169	
<b>87925 RIO GALLEGOS AERO</b>	5137S	06917W	19		998.9	1001.2	5.9	.3	5.6	-.4	2	5	-6	2	193	
87938 USHUAIA AERO	5448S	06819W	14		987.3	994.3	3.3	-.8	6.6	.3	13	48	7	1	126	
<b>ANTARCTICA</b>																
<b>ARGENTINA (ANTARCTIC)</b>																
<b>88963 BASE ESPERANZA</b>	6324S	05659W	13		975.8	978.7	-6.6	.4	3.4		7	45	-17	2	84	
<b>88968 BASE ORCADAS</b>	6045S	04443W	4		981.6	983.1	-3.7	1.8	4.2		21	149	101	6	38	80
89053 BASE JUBANY	6214S	05838W	4		978.4	980.0	-3.8		4.5		1	5			38	
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	198		953.2	977.9	-9.4		2.8		8	40			50	
89066 BASE SAN MARTIN	6808S	06708W	4		978.0	978.9	-11.1		2.5		9	16			44	

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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>UNITED KINGDOM (ANTARCTIC)</b>																
89022 HALLEY	7530S	02639W	30		982.8	986.8	-21.5		1.0						61	
89062 ROTHERA POINT	6734S	06808W	16		973.9	978.1	-10.3		2.4						90	
<b>UKRAINE (ANTARCTIC)</b>																
89063 VERNADSKY	6515S	06416W	11		977.5	978.9	-8.7		3.0		10	20		3		
<b>USSR (ANTARCTIC)</b>																
89050 BELLINGSHAUSEN	6212S	05856W	16		977.8	979.7	-4.4		4.1		12	31			46	
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		968.8	984.2	-17.5		.5		0	0			277	
89592 MIRNYJ	6633S	09301E	30		971.1	976.9	-17.6		1.2		6	19				
<b>GERMANY (ANTARCTIC)</b>																
89002 NEUMAYER	7040S	00815W	50		983.9	989.1	-23.7		.7						166	
<b>ARGENTINA (ANTARCTIC)</b>																
89034 BASE BELGRANO II	7752S	03437W	256		954.8	987.3	-13.0		1.5		8	48			20	
<b>CHILE (ANTARCTIC)</b>																
89056 CENTRO MET. ANTARTICO ' PDTE. ED	6211S	05859W	48		974.0	979.9	-4.2		4.2	.4	11	0047		3	13	
89057 BASE ARTURO PRAT	6230S	05941W	5													
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		976.4	977.8	-5.5	.1	3.9	.6	10	0161	0074	5	28	
<b>JAPAN (ANTARCTIC)</b>																
89532 SYOWA	6900S	03935E	21		978.0	980.8	-20.4	-2.5	.9	-.2					142	
<b>AUSTRALIA (ANTARCTIC)</b>																
89564 MAWSON	6736S	06252E	16		979.9	982.0	-20.0		.6						200	
89571 DAVIS	6834S	07757E	13		976.1	979.1	-17.2		1.0		1	2		0	3	143
89611 CASEY	6617S	11031E	42		968.6	974.1	-13.5		1.7		3	9				
<b>SW PACIFIC</b>																
<b>MALAYSIA (PENIN. MALAYSIA)</b>																
48601 PENANG/BAYAN LEPAS	0518N	10016E	4		1010.0	1010.3	27.5	1.0	28.9	-.8	17	233	-123	2		
48615 KOTA BHARU	0610N	10217E	5		1009.7	1010.3	27.3	.6	29.8	.6	14	225	23	4		
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22		1008.0	1010.5	27.2	.8	28.8	.0	15	215	23	4		
48657 KUANTAN	0337N	10313E	16		1008.6	1010.4	25.9	-.3	28.4	-.6	16	204	-29	2		
48665 MALACCA	0216N	10215E	9		1009.2	1010.2	27.2	.8	29.6	.0	8	113	-97	1		
<b>SINGAPORE</b>																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1008.6	1010.4	27.8	1.0	31.0	1.4	10	129	-48	3	178	114
<b>USA (PACIFIC OCEAN NORTH)</b>																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1015.8	26.8	.6	26.3		19	69	9	4		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1015.3	28.2	1.0	26.9		6	26	7	5		
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1015.5	25.5	.9	22.1		18	145	-71	2		
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1009.9	28.1	.6	31.1		17	240	-66	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		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1010.6	27.4	.5	30.6			16	318	-89	2		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1009.8	28.8	1.0	30.3			17	234	-66	2		
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3			1009.7	28.5	1.1	30.4			16	124	-191	0		
91408 KOROR, PALAU IS.	0720N	13429E	33			1010.6	27.8	.1	29.9			17	192	-109	1		
91413 YAP, CAROLINE IS.	0929N	13805E	16			1010.0	28.0	.8	30.7			20	305	-38	3		
<b>VANUATU</b>																	
91551 SOLA (VANUA LAVA)	1351S	16733E	18			1013.1	25.6		26.2			14	422		3		
91554 PEKOA AIRPORT (SANTO)	1531S	16713E	44			1008.4	24.8		25.0			7	88		4		
91555 LAMAP (MALEKULA)	1625S	16748E	26			1011.1	24.2		23.0			6	37		2		
91557 BAUERFIELD (EFATE)	1742S	16818E	21			1012.6	22.0		25.3			6	29				
91565 BURTONFIELD (TANNA)	1932S	16915E	73			1015.0	21.4		20.3			4	22		3		
91568 ANEITYUM	2014S	16946E	7			1015.9	21.8		20.6			6	43		2		
<b>NEW CALEDONIA</b>																	
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18			1014.7	21.4	.4	17.5			1	3	-36	2	203	86
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72			1009.4	20.7	.2	17.5			5	27	-12	3	220	100
<b>FIJI</b>																	
91650 ROTUMA	1230S	17703E	26				26.9		29.2			20	325		5	182	100
91680 NANDI	1745S	17727E	25				23.6	-.8	22.0			4	72	-5	3	180	84
91683 NAUSORI	1803S	17834E	7				23.0		22.9			16	142		3		
91699 ONO-I-LAU	2040S	17843W	28				21.9		23.4			10	213		5		
<b>NEW CALEDONIA (DETACHED IS.)</b>																	
91753 HIHIFO (ILE WALLIS)	1314S	17610W	27			1008.6	27.1		29.2			10	58		0	134	60
<b>SAMOA (USA)</b>																	
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3				27.9		29.7			12	125		3		
<b>COOK ISLANDS (NEW ZEALAND)</b>																	
91843 RAROTONGA	2112S	15949W	7			1016.3	22.3		21.5			8	289		5	159	
<b>FRENCH POLY. (MARQUESAS)</b>																	
91925 ATUONA	0948S	13902W	52			1006.7	25.7		25.6			17	156	88	5	184	83
<b>FRENCH POLY. (SOCIETY IS)</b>																	
91938 TAHITI-FAAA	1733S	14937W	2			1014.7	25.7		24.8			2	12	-34	2	238	99
<b>FRENCH POLY. (TUAMOTU IS)</b>																	
91943 TAKAROA	1429S	14502W	3			1013.9	27.0		26.9			7	40	-43	2	294	120
91945 HEREHERETUE	1952S	14500W	3			1016.1	23.8		23.2			4	46		2	200	90
91948 RIKITEA	2308S	13458W	89			1007.3	20.9		19.8			4	17	-113	1	181	106
<b>FRENCH POLY. (AUSTRAL IS)</b>																	
91954 TUBUAI	2321S	14929W	3			1016.9	21.0		18.6			3	16	-82	1	184	98
91958 RAPA	2737S	14420W	2			1016.5	18.5		15.9			14	143		2	124	90
<b>PAPUA NEW GUINEA</b>																	

# SURFACE

# SEPTEMBER 2004

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	mm	hr		
92001	KIUNGA W.O.	0605S	14111E	35	1006.8	1010.8			27.4		17	324			93	
92003	DARU W.O.	0905S	14312E	9	1012.1	1013.1			26.4		7	25			160	
92004	WEWAK W.O.	0335S	14340E	4	1009.7	1010.1			30.2		15	176			171	
92014	MADANG W.O.	0513S	14548E	5	1009.7	1010.3			28.9		6	60		1	114	55
92035	PORT MORESBY W.O.	0923S	14713E	58	1004.5	1010.3			24.9		2	4		1	185	85
92044	MOMOTE W.O.	0204S	14726E	5	1009.8	1010.4			30.7		21	482		5	173	95
92047	NADZAB W.O.	0634S	14643E	70	1003.0	1011.0			26.4		12	46		0	141	80
92076	KAVIENG W.O.	0234S	15049E	4	1009.7	1010.2			30.4		20	262			187	
92077	GURNEY W.O.	1019S	15020E	23	1011.7	1014.4			26.8		11	86				
92087	MISIMA W.O.	1041S	15250E	7	1012.0	1012.9			28.1		6	41				
<b>NEW ZEALAND</b>																
93012	KAITAIA	3506S	17316E	54			12.8		12.3		11	71	-44	0		
93292	GISBORNE AERODROME AWS	3839S	17759E	5		1016.4	10.9	- .8	9.0		8	50	-43	3		
93309	NEW PLYMOUTH AWS	3901S	17411E	32		1016.8	10.8		10.9		15	132		3		
93417	PARAPARAUMU AERODROME	4054S	17459E	12		1014.9	10.0	- .8	10.1		16	162	77	5	170	110
93615	HOKITIKA AERODROME AWS	4243S	17059E	40		1013.8	8.8		9.7		20	245		4		
93678	KAIKOURA	4225S	17342E	101		1011.0	10.2		7.2		5	32		3		
93780	CHRISTCHURCH	4329S	17233E	30		1010.5	8.8		8.3		5	31		3	172	105
93844	INVERCARGILL AERODROME	4625S	16819E	4		1009.5	7.9	- .4	8.9		17	111	30	5	142	110
93947	CAMPBELL ISLAND AWS	5233S	16909E	19		999.3	5.7		8.0		24	226		6		
93987	CHATHAM ISLANDS AWS	4357S	17634W	49		1011.1	8.9		9.1		13	54		1		
93994	RAOUL ISLAND KERMADEC IS.	2915S	17755W	49		1019.9	16.0		13.1		12	54		1		
<b>AUSTRALIA</b>																
94120	DARWIN AIRPORT	1225S	13053E	31	1009.2	1013.1	26.5		19.4		1	2	-16	2	317	108
94150	GOVE AIRPORT	1217S	13649E	54	1007.5	1013.7	23.9		21.1		0	T		4	295	100
94203	BROOME AIRPORT	1757S	12214E	7	1013.2	1014.2	23.3		17.2		0	T	-1	1	314	
94212	HALLS CREEK AMO	1814S	12740E	424	966.4	1014.0	25.1		6.3		0	0	-6	1		
94238	TENNANT CREEK MET OFFICE	1938S	13411E	375	973.4	1016.2	23.3		5.5		0	0	-10	1	331	108
94287	CAIRNS AERO	1653S	14545E	3	1016.1	1017.0	23.0		18.5		3	7	-26	2	248	100
94294	TOWNSVILLE AERO	1915S	14645E	9	1016.8	1017.9	22.1		17.1		2	6	-4	4	276	97
94312	PORT HEDLAND AIRPORT	2022S	11838E	9	1014.1	1015.1	22.5		12.6		0	0	-1	1		
94326	ALICE SPRINGS AERO	2348S	13353E	546	956.3	1019.0	17.5		6.6		1	2	-8	3	312	104
94332	MT ISA AERO	2041S	13929E	340	977.7	1016.7	21.8		6.5		0	T	-8	1	333	109
94346	LONGREACH AIRPORT	2326S	14417E	192	995.3	1017.7	21.8		7.4		1	3	-5	3		
94367	MACKAY MO	2107S	14913E	30	1015.4	1019.1	20.4		16.9		2	5	-10	2	292	95
94374	ROCKHAMPTON AERO	2323S	15029E	14	1017.8	1019.4	20.1		13.8		2	15	-11	3		
94403	GERALDTON AIRPORT	2848S	11442E	33	1016.3	1020.6	14.1		11.1		5	32	1	3		
94430	MEEKATHARRA AIRPORT	2637S	11833E	517	958.1	1017.6	18.6		6.5		1	3	-3	3		
94461	GILLES	2502S	12817E	598	949.7	1017.7	19.6		6.1		3	9	-2	4	306	101
94610	PERTH AIRPORT	3156S	11559E	31	1018.6	1021.0	13.6		10.0		6	29	-42	1	255	
94647	EUCLA	3141S	12853E	102	1008.2	1020.4	14.5		10.2		6	37		4		
94653	CEDUNA AIRPORT	3208S	13342E	16	1019.2	1021.1	13.7		9.6		4	33	5	4	217	90
94693	MILDURA AIRPORT	3414S	14205E	52	1014.4	1020.8	13.8		8.8		3	9	-18	2	241	
94711	COBAR	3129S	14550E	264	988.9	1020.0	15.8		7.5		5	11	-12	2	288	107
94767	SYDNEY AIRPORT	3356S	15110E	5	1018.8	1019.4	16.1		11.7		8	83	24	4	213	91
94776	WILLIAMTOWN AERODROME	3248S	15150E	8	1018.7	1019.8	14.9		11.7		8	91	33	4	226	100
94791	COFFS HARBOUR MO	3019S	15307E	5	1018.6	1019.4	16.6		13.4		2	68		4	252	102

# SURFACE

# SEPTEMBER 2004

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		
94802 ALBANY AIRPORT	3456S	11748E	69		1012.5	1020.9	12.0		10.6		9	49	-32	1	202	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1011.6	1020.0	10.9		10.4		13	61	-10	2	168	102
94866 MELBOURNE AIRPORT	3740S	14451E	132		1005.2	1019.6	11.5		10.1		9	48	2	3	126	
94907 EAST SALE AIRPORT	3806S	14708E	8		1017.7	1018.7	11.1		10.3		12	59	7	4	155	81
94910 WAGGA AIRPORT	3510S	14727E	213		994.7	1020.5	10.6		10.3		8	53	4	4	201	90
94926 GANBERRA AMO	3518S	14912E	580		951.6	1020.0	10.2		8.9		6	48	-7	3	222	100
94968 LAUNCESTON AIRPORT	4132S	14712E	178				9.4		9.2		6	19	-40	1		
94975 HOBART AIRPORT	4250S	14729E	27		1011.0	1014.3	10.7		8.5		4	21	-18	1	205	116
<b>AUSTRALIA (ADDITIONAL IS. )</b>																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1019.3	1020.1	17.1		13.8		9	127	4	4		
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1006.9	1020.8	15.8		12.6		11	74	-28	3	220	105
94998 MACQUARIE ISLAND	5429S	15856E	6		994.6	995.6	3.0		6.4		18	80	9	4	69	110
<b>INDONESIA (SUMATRA)</b>																
96001 SABANG/CUT BAU	0552N	09519E	126		996.6	1011.0	26.5		28.2		12	0157	0086	1	153	243
96035 MEDAN/POLONIA	0334N	09841E	25		1010.4	1013.6	26.6		28.6		16	475		2	100	125
96073 SIBOLGA/PINANGSORI	0133N	09853E	3		1009.8	1010.5	25.5				22	397		2	115	55
96109 PAKANBARU/SIMPANGTIGA	0028N	10127E	31		1006.9	1010.8	27.3		28.9		12	231		4	180	125
96171 RENGAT/JAPURA	0028N	10219E	46		1007.4	1009.8	26.6		29.0		13	161	90	3	135	085
96295 TELUKBETUNG/BERANTI	0516S	10511E	96		1002.5	1002.9	27.4		26.0		8	33		1	221	
<b>MALAYSIA (SABAH &amp; SARAWAK)</b>																
96413 KUCHING	0129N	11020E	27		1008.5	1011.1	26.0		28.3		18	451		5		
96421 SIBU	0220N	11150E	8		1007.5	1011.0	25.9		28.4		20	329		4	153	100
96441 BINTULU	0312N	11302E	5		1008.0	1010.7	26.7	.1	29.6		19	317	22	4	184	105
96449 MIRI	0420N	11359E	18		1008.5	1010.4	26.9	.1	30.3		19	348	110	4		
96465 LABUAN	0518N	11515E	30		1007.1	1010.4	27.5		29.4	-.9	22	356		3	234	120
96471 KOTA KINABALU	0556N	11603E	3		1009.9	1010.2	26.7		28.7		19	274		3		
96481 TAWAU	0416N	11753E	20		1008.1	1010.0	26.4		27.9		3	38	-140	0	257	130
96491 SANDAKAN	0554N	11804E	13		1009.0	1010.2	27.8	.8	30.5		12	220		3	267	135
<b>INDONESIA (JAWA)</b>																
96739 CURUG/BUDIARTO	0614S	10639E	46		1006.0	1010.9	26.6	-.4	26.8		6	65		2	184	105
96745 JAKARTA/OBSERVATORY	0611S	10650E	8		1009.8	1010.6	29.6	2.6	26.9		0	0		0	216	120
96791 JATIWANGI	0645S	10816E	50		1005.2	1011.3	28.8	1.8	25.8		1	10				
96805 CILACAP	0744S	10901E	6		1011.1	1012.1	26.8		28.0		12	55			227	100
<b>AUSTRALIA (OCEAN ISLANDS)</b>																
96996 COCOS ISLAND AERO	1211S	09649E	3		1013.0	1013.5	25.6		25.4		9	153	69	5		
<b>INDONESIA (MALUKU/IRIAN JAYA)</b>																
97502 SORONG/JEFMAN	0056S	13107E	3			1011.9	26.8		29.9		18	338			146	
97900 SAUMLAKI	0759S	13118E	24		1010.0	1013.1	26.5		26.1						258	95
<b>PHILIPPINES</b>																
98223 LAOAG	1811N	12032E	5		1009.6	1010.2	28.3		31.7		11	271		3	226	
98232 APARRI	1822N	12138E	3		1000.9	1011.2	28.1	.1	25.2		5	10	-226	0		
98233 TUGUEGARAO	1737N	12144E	62		1002.8	1009.9			19.8		8	137		2	189	



# SURFACE

## SEPTEMBER 2004

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	
98325 DAGUPAN	1603N	12020E	2		1008.5	1008.8			31.7	.7	10	117	-230	0		
98328 BAGUIO	1625N	12036E	1501		852.1	1009.4	18.9		20.6		20	226		1	302	
98330 CABANATUAN	1529N	12058E	32		1007.2	1010.4	28.8		33.6		13	120				
<b>98429 NINYOY AQUINO INTER- NATIONAL</b>	1431N	12100E	15		1008.3	1010.7	28.4	.8								
98430 SCIENCE GARDEN	1438N	12101E	46		1005.7	1010.6	28.1		29.8		23	301		2		
<b>98444 LEGASPI</b>	1308N	12344E	17		1008.2	1010.1	28.2	.5	31.7	1.0	10	143	-128	1		
98550 TACLOBAN	1115N	12500E	3		1008.6	1009.1	27.9	.0	31.7	1.6	6	113	-48	3	210	
<b>98637 ILOILO</b>	1042N	12234E	8		1009.5	1010.2	27.9	.3	29.8	-1.2	12	150	-116	2		
98644 TAGBILARAN	0936N	12351E	8		1009.2	1010.1	28.4		31.7		9	109		3		
98646 MACTAN	1018N	12358E	24		1008.3	1009.7	28.1	-.2	33.6	3.1	17	174	7			
<b>98653 SURIGAO</b>	0948N	12530E	55		1006.0	1015.0	29.5	1.4	31.7	1.3	7	82	-40	1		
98755 HINATUAN	0822N	12620E	3		1009.7	1010.1	27.9		31.7		10	181		3		
<b>98836 ZAMBOANGA</b>	0654N	12204E	6		1010.0	1010.8	28.4	.8	32.4	2.8	6	46	-87	1	181	

# SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	° C	° C	mb	mb		mm	mm		hr	
OVERDUE JANUARY 2004																
<b>ASIA</b>																
<b>IRAN, ISLAMIC REPUBLIC OF</b>																
40712	ORUMIEH	3732N	04505E	1312	865.6	1017.4	1.8	5.1	5.1	1.3	3	25	-7	153	134	
40754	TEHRAN-MEHRABAD	3541N	05121E	1191	881.3	1016.7	6.6	4.1	6.2	1.6	5	63	26	169	101	
40800	ESFAHAN	3238N	05143E	1550	843.7	1016.8	5.4	2.7	5.7	1.4	8	87	70	185	90	
AUGUST 2004																
<b>ASIA</b>																
<b>PAKISTAN</b>																
41594	SARGODHA	3203N	07240E	188	978.5	998.9	31.5		31.1		8	96	-230	3		
41598	JHELUM	3256N	07343E	234	972.9	998.8	29.7	-.2	31.9		12	348	127	5	262	108
41675	MULTAN	3012N	07126E	123	984.6	996.8	32.1	-.9	31.3		7	108	76	5	222	80
41685	BAR KHAN	2953N	06943E	1097	881.4	1413 Y	28.5	-.2	22.0		11	74	-21	3	260	
41710	NOKKUNDI	2849N	06245E	683	923.8	996.7	34.8	.7	9.1		0	0	-1	5		
41712	DAL BANDIN	2853N	06424E	850	907.4	1407 Y	33.1	.6	6.1		0	0	-1	5		
41744	KHUZDAR	2750N	06638E	1232	867.4	1410 Y	30.7	1.4	19.3		3	31	-33	1		
41749	NAWABSHAH	2615N	06822E	38	994.8	997.8	33.9	1.4	25.5		1	3	-42	2	291	111
<b>MONGOLIA</b>																
44203	RINCHINLHUMBE	5107N	09940E	1583	838.0	1011.6	10.4	-.2	9.0	.2	16	78	20	4		
44207	HATGAL	5026N	10009E	1668	830.3	1011.4	10.4	.2	9.0	.6	11	75	3	4		
44230	TARIALAN	4934N	10200E	1235	875.4	1011.7	14.4	.4	11.7	.6	9	62	-17	2		
44231	MUREN	4934N	10010E	1283	867.5	1008.9	15.6	1.2	10.3	-.1	13	55	1	3	280	102
44275	BAYANBULAG	4650N	09805E	2255	774.1	1009.3	11.0	.9	9.0	.8	7	27	6	3		
44284	GAIUUT	4642N	10008E	2126	786.8	1009.5	12.2	1.0	9.4	1.5	10	50	-3	3		
44285	HUJIRT	4654N	10246E	1662	830.5	1008.7	14.1	1.3	11.0	.9	6	21	-43	1	250	100
44287	BAYANHONGOR	4608N	10041E	1859	811.1	1007.0	14.7	.2	11.0	1.6	5	71	23	5		
44288	ARVAIHEER	4616N	10247E	1813	815.6	1007.9	14.9	1.0	10.2	.6	5	22	-31	1		
44302	BAYAN-OVOO	4747N	11207E	926	904.3	1006.8	18.5	1.8	10.4	-2.0	6	18	-56	1		
44304	UNDERKHAAN	4719N	11038E	1033	893.5	1007.4	17.7	1.2	9.8	-2.2	14	26	-23	3		
44336	SAIKHAN-OVOO	4527N	10354E	1316	860.1	1007.7	19.0	.7	10.4	.1	4	18	-7	1		
44341	MANDALGOVI	4546N	10617E	1393	817.5	1007.7	17.5	.5	8.5	-2.6	6	23	-20	1		
44347	TSOGT-OVOO	4425N	10519E	1298	866.8	1006.6	20.0	.3	8.5	-3.4	5	15	-8	2		
44373	DALANZADGAD	4335N	10425E	1465	849.7	1006.1	19.8	.5	9.2	-1.5	5	21	-11	2	307	100
<b>THAILAND</b>																
48431	NAKHON RATCHASIMA	1458N	10205E	188	984.8	1005.8	28.6	1.0	28.2	.0	12	105	-23	2		
48480	CHANTHABURI	1236N	10207E	4	1007.1	1007.5	27.8	.8	31.8	1.2	21	513	-1	3		

# SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
<p>SW PACIFIC</p> <p style="margin-left: 40px;">MALAYSIA (PENIN. MALAYSIA)</p> <p>48674 MERSING</p>	0°	0°	m		mb	mb	°	° C	mb	mb		mm	mm		hr	
	0227N	10350E	45		1005.2	1010.1	26.9	1.1	30.4	1.5	7	114	-60	2		

# UPPER AIR

# SEPTEMBER 2004

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - NORWAY JAN MAYEN 01001 SEP 2004 7056N 00840W OB 3									EUROPE - NORWAY BJORNOYA 01028 SEP 2004 7431N 01901E OB 3									EUROPE - NORWAY BODO 01152 SEP 2004 6715N 01424E OB 3								
030	23916	0	-54.8	27.6	0	80	280	6	030	23877	0	-55.2	29.5	0	83	303	5	030	23934	0	-55.1	30.0	0	81	292	6
050	20644	0	-53.5	28.2	0	84	273	7	050	20607	0	-53.5	30.2	0	88	296	6	050	20672	0	-54.3	30.3	0	85	290	7
100	16159	0	-50.6	29.0	0	69	258	6	100	16115	0	-50.0	31.4	0	80	285	7	100	16198	0	-50.9	31.2	0	73	277	7
150	13509	0	-49.4	28.2	0	61	261	7	150	13457	0	-48.5	31.3	0	72	293	7	150	13553	0	-49.6	30.2	0	70	284	10
200	11628	0	-50.7	23.5	0	49	263	8	200	11562	0	-48.4	28.1	0	63	300	7	200	11674	0	-51.0	23.3	0	63	287	13
300	8994	0	-47.3	10.5	0	27	270	6	300	8917	0	-49.5	10.7	0	37	320	6	300	9036	0	-46.8	9.1	0	50	284	13
500	5430	0	-22.0	9.6	0	19	287	3	500	5400	0	-24.1	10.5	0	19	309	2	500	5461	0	-21.3	9.1	0	51	282	9
700	2881	0	-7.4	10.6	0	15	298	2	700	2869	0	-9.1	9.9	0	7	74	1	700	2906	0	-7.1	6.5	0	52	276	6
850	1349	0	-7	8.3	0	13	68	2	850	1346	0	-1.9	5.4	0	18	64	2	850	1369	0	1.0	3.2	0	59	248	6
1004	* 9		5.9	2.6					1002	* 18		4.5	1.6					1001	* 33		9.9	4.0				
EUROPE - NORWAY ORLAND 01241 SEP 2004 6342N 00936E OB 3									EUROPE - NORWAY STAVANGER/SOLA 01415 SEP 2004 5852N 00540E OB 3									EUROPE - SWEDEN SUNDSVALL-HARNOSAND FPL 02365 SEP 2004 6232N 01727E OB 3								
030	23952	0	-55.6	24.8	0	78	291	6	030	23998	1	-54.9	24.5	1	76	298	5	030	23962	11	-55.5	30.6	9	75	301	4
050	20692	0	-54.9	25.3	0	79	286	6	050	20744	0	-55.2	24.5	0	73	293	5	050	20706	3	-54.9	30.0	3	73	285	5
100	16234	0	-52.1	25.6	0	76	284	9	100	16304	0	-54.2	24.0	0	78	286	9	100	16249	3	-52.5	30.0	3	74	281	8
150	13605	0	-50.7	24.4	0	75	282	11	150	13702	0	-53.9	21.2	0	78	287	13	150	13623	3	-51.2	29.0	3	71	284	11
200	11729	0	-51.5	19.3	0	66	284	14	200	11854	0	-52.8	17.5	0	73	286	18	200	11755	3	-51.6	23.5	3	62	283	14
300	9087	0	-46.2	9.0	0	49	281	12	300	9204	0	-44.3	10.4	0	70	282	18	300	9113	2	-46.1	11.5	2	46	285	12
500	5511	0	-20.0	8.4	0	60	272	11	500	5590	0	-18.0	12.6	0	66	276	12	500	5519	2	-19.3	10.2	2	52	277	9
700	2939	0	-4.9	5.8	0	69	270	9	700	2995	0	-3.0	9.8	0	64	278	9	700	2942	2	-3.6	8.7	2	50	266	6
850	1390	0	3.1	4.3	0	67	269	8	850	1437	0	4.0	4.8	0	50	266	5	850	1394	2	4.8	4.9	2	49	272	5
1005	* 10		11.7	3.4					1007	* 14		13.0	3.6					1009	* 6		12.6	4.9				
EUROPE - SWEDEN GOTEBOG/LANDVETTER 02527 SEP 2004 5740N 01218E OB 3									EUROPE - FINLAND SODANKYLA 02836 SEP 2004 6722N 02639E OB 3									EUROPE - FINLAND JYVASKYLA 02935 SEP 2004 6224N 02541E OB 3								
030	23978	21	-54.8	26.6	9	78	273	5	030	23927	0	-55.2	30.4	0	87	291	6	030	23948	4	-54.8	30.1	4	67	287	5
050	20741	8	-55.7	27.4	8	83	279	6	050	20657	0	-54.0	31.4	0	85	294	6	050	20696	0	-54.6	29.9	0	76	294	5
100	16307	3	-54.6	26.3	3	82	282	8	100	16184	0	-51.0	32.3	0	82	287	8	100	16237	0	-52.1	30.8	0	81	284	9
150	13710	3	-53.7	23.7	3	77	281	12	150	13537	0	-49.4	32.1	0	73	286	10	150	13608	0	-51.1	29.9	0	74	286	12
200	11861	3	-53.0	18.7	3	71	280	15	200	11655	0	-50.4	26.0	0	69	284	12	200	11740	0	-52.3	21.2	0	63	285	14
300	9197	3	-44.3	10.6	4	70	279	15	300	9011	0	-47.4	8.5	0	61	284	14	300	9103	0	-46.0	9.2	0	56	284	15
500	5592	3	-18.1	10.7	5	73	275	11	500	5452	0	-22.5	6.7	0	61	271	9	500	5520	0	-20.3	10.8	0	61	270	10
700	3004	3	-2.3	10.0	5	75	269	9	700	2903	0	-7.1	4.8	0	50	265	6	700	2948	0	-4.5	7.4	0	56	261	7
850	1440	3	5.0	6.7	5	72	266	8	850	1363	0	1.5	2.6	0	36	256	4	850	1395	0	3.7	3.5	0	57	255	7
1001	* 155		14.3	6.9					983	* 179		7.8	3.2					990	* 145		10.2	1.8				

# UPPER AIR

# SEPTEMBER 2004

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</b> <b>LERWICK</b> 03005 SEP 2004 6008N 00111W OB 3									<b>EUROPE - UNITED KINGDOM</b> <b>CAMBORNE</b> 03808 SEP 2004 5013N 00519W OB 3									<b>EUROPE - IRELAND</b> <b>VALENTIA OBSERVATORY</b> 03953 SEP 2004 5156N 01015W OB 3								
030	24016	0	-54.9		0	70	293	5	030	24052	0	-54.4		0	46	291	3	030	24057	0	-54.5	30.0	0	46	304	2
050	20752	0	-54.8		0	71	279	5	050	20803	0	-57.0		0	49	277	3	050	20809	0	-56.3	29.2	0	55	291	3
100	16304	0	-53.5		0	78	270	10	100	16445	0	-59.8		0	77	282	8	100	16428	0	-58.5	27.8	0	80	273	10
150	13693	0	-52.8		0	79	274	15	150	13917	0	-60.3		0	70	286	13	150	13884	0	-58.6	22.8	0	79	273	16
200	11835	0	-51.6		0	74	276	19	200	12116	0	-56.9		0	63	283	16	200	12069	0	-55.6	15.9	0	76	274	21
300	9178	0	-44.0		0	69	269	19	300	9457	0	-39.7	10.8	0	61	276	15	300	9407	0	-40.1	11.0	0	76	269	20
500	5563	0	-18.2	13.8	0	66	263	13	500	5762	0	-13.0	14.4	0	63	271	11	500	5721	0	-13.8	13.5	0	75	265	15
700	2971	0	-2.6	12.7	0	65	257	9	700	3120	0	2.0	14.1	0	63	271	9	700	3088	0	1.2	13.3	0	75	265	12
850	1409	0	4.6	7.3	0	65	257	8	850	1531	0	9.0	10.3	0	60	268	7	850	1504	0	7.9	6.8	0	68	261	9
998	* 84		11.3	2.3					1010	* 88		15.4	.9					1014	* 30		15.0	2.6				
<b>EUROPE - ICELAND</b> <b>KEFLAVIKURFLUGVOLLUR</b> 04018 SEP 2004 6358N 02236W OB 3									<b>EUROPE - NETHERLANDS</b> <b>DE BILT</b> 06260 SEP 2004 5206N 00511E OB 1									<b>EUROPE - SWITZERLAND</b> <b>PAYERNE</b> 06610 SEP 2004 4649N 00657E OB 3								
030									030	24047	6	-54.3	28.5	6	47	285	3	030	24056	0	-53.7		0	50	251	3
050	20728	0	-52.8	30.1	0	78	225	6	050	20791	3	-56.4	27.4	3	56	267	3	050	20801	0	-57.0		0	42	260	2
100	16232	0	-50.2	30.7	0	79	244	9	100	16377	19	-57.8	25.4	9	79	292	10	100	16440	0	-60.3		0	65	300	6
150									150	13822	19	-57.8	20.3	9	76	296	17	150	13917	0	-60.6		0	62	302	10
200	11692	0	-49.0	29.8	0	76	240	12	200	12000	19	-55.8	13.0	9	68	296	22	200	12119	0	-57.7	10.8	0	52	318	12
300	9025	0	-44.9	12.2	0	54	223	14	300	9348	19	-41.4	10.0	9	68	290	22	300	9470	0	-40.3	13.1	0	49	321	11
500	5441	0	-21.0	10.2	0	48	211	8	500	5707	6	-15.1	15.7	8	67	280	13	500	5782	0	-13.2	15.8	0	55	310	8
700	2878	0	-5.9	9.0	0	40	197	5	700	3087	2	.0	14.0	3	69	272	9	700	3142	0	2.2	14.7	0	51	279	5
850	1334	0	1.2	4.5	0	46	172	5	850	1510	2	7.1	7.4	3	65	264	8	850	1550	0	10.3	6.5	0	50	239	4
996	* 54		9.0	2.9					1018	* 15		15.5	4.3					964	* 491		15.5	4.7				
<b>EUROPE - FRANCE</b> <b>BREST</b> 07110 SEP 2004 4827N 00425W OB 3									<b>EUROPE - FRANCE</b> <b>AJACCIO</b> 07761 SEP 2004 4155N 00848E OB 3									<b>EUROPE - SPAIN</b> <b>SANTANDER</b> 08023 SEP 2004 4328N 00348W OB 3								
030									030									030	23726	17	-53.4		9	16	214	1
050	20808	1	-57.3		1	42	295	3	050	20822	2	-56.0		3	29	196	3	050	20671	1	-57.8					
100	16455	1	-60.3		2	68	289	7	100	16468	1	-60.6		3	53	281	5	100	16374	0	-62.3		1	48	296	2
150	13934	1	-61.1		1	56	296	10	150	13945	0	-60.2		3	41	311	6	150	13850	0	-60.2		1	33	282	2
200	12139	1	-56.9		1	53	286	12	200	12143	1	-56.8		6	71	315	14	200	12046	0	-57.6		1	22	282	2
300	9480	1	-39.3		1	56	277	13	300	9489	1	-40.6		3	38	310	7	300	9538	0	-39.2	14.1	1	31	257	3
500	5783	1	-12.7	13.2	1	59	274	10	500	5804	1	-12.8	17.0	3	52	320	6	500	5765	0	-11.9	20.6	0	44	254	3
700	3137	1	2.6	15.3	1	60	269	8	700	3152	0	3.7	12.5	2	68	302	8	700	3137	0	3.3	17.8	0	33	241	2
850	1542	1	10.2	10.8	1	50	264	6	850	1548	0	13.1	9.8	0	56	293	3	850	1567	0	9.5	10.2				
1010	* 103		13.7	1.4					1018	* 9		25.8	9.0					1015	* 59		18.4	1.7				

# UPPER AIR

# SEPTEMBER 2004

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - SPAIN MADRID/BARAJAS 08221 SEP 2004 4030N 00335W OB 3								EUROPE - SPAIN MURCIA 08430 SEP 2004 3800N 00110W OB 3								EUROPE - GIBRALTAR GIBRALTAR 08495 SEP 2004 3609N 00520W OB 3										
030	24071	0	-52.9	32.3	1	36	114	2	030	24083	22	-53.1	32.8	9	87	106	4	030	24058	0	-53.5	26.4	0	93	99	8
050	20815	0	-57.8	30.4	1	26	97	2	050	20820	10	-57.7	31.3	9	61	110	2	050	20808	0	-58.3	22.9	0	71	94	4
100	16500	0	-62.8	23.4	1	41	287	3	100	16509	4	-63.5	28.0	9	57	279	3	100	16518	0	-64.2	15.6	0	48	284	4
150	14001	0	-61.9	17.7	1	31	291	4	150	14021	3	-62.8	19.3	8	55	282	4	150	14031	0	-62.6	11.4	0	60	263	8
200	12210	0	-57.8	13.5	1	21	251	4	200	12234	3	-58.2	13.0	5	49	272	4	200	12243	0	-57.8	9.3	0	49	253	9
300	9556	0	-39.3	13.6	1	35	250	6	300	9581	3	-39.2	12.6	5	55	265	5	300	9586	0	-38.9	11.5	0	55	243	8
500	5845	0	-11.1	18.3	1	55	238	7	500	5871	2	-11.2	15.2	6	60	256	4	500	5868	0	-10.6	17.4	0	68	245	8
700	3176	0	5.9	17.0	1	45	219	5	700	3197	1	7.1	15.9	6	56	242	3	700	3189	0	8.0	18.2	0	77	231	7
850	1557	0	16.5	13.9	1	35	181	2	850	1570	1	17.6	13.5	6	39	194	1	850	1559	0	17.8	15.5	0	45	177	4
947	* 633		23.0	15.0					1012	* 62		25.5	6.8					1018	* 4		22.6	5.1				
EUROPE - PORTUGAL LAJES/SANTA RITA (ACORES) 08508 SEP 2004 3844N 02704W OB 3								EUROPE - PORTUGAL LISBOA/GAGO COUTINHO 08579 SEP 2004 3846N 00908W OB 3								EUROPE - AUSTRIA WIEN/HOHE WARTE 11035 SEP 2004 4814N 01621E OB 3										
030	24049	18	-54.3						030	24072	5	-53.0	31.8	9	46	112	2	030	24079	6	-53.9		6	72	261	5
050	20811	2	-59.1						050	20814	2	-58.3	30.5	9	54	86	1	050	20815	0	-56.1		0	69	261	4
100	16533	0	-66.0						100	16509	0	-63.1	28.6	9	45	290	2	100	16422	0	-57.3		0	76	279	7
150	14071	0	-64.2						150	14012	0	-61.3	23.0	9	41	251	2	150	13862	0	-57.6		0	64	291	11
200	12289	0	-57.4						200	12210	0	-56.2	17.3	9	39	266	3	200	12046	0	-56.5		0	55	302	13
300	9614	0	-36.8	16.0					300	9543	0	-39.5	15.7	9	55	254	4	300	9404	0	-41.7		0	55	292	14
500	5875	0	-10.2	17.0					500	5837	0	-11.1	18.2	9	59	245	3	500	5737	0	-14.6	16.0	0	62	291	9
700	3200	0	6.1	21.6					700	3170	0	6.0	19.5	9	30	253	1	700	3112	0	.4	15.9	0	63	300	6
850	1596	0	12.5	9.3					850	1554	0	15.1	19.6	9	13	286	1	850	1533	0	8.2	6.9	0	57	301	4
1011	* 113		23.4	8.4					1007	* 105		24.3	10.1					996	* 200		16.2	6.0				
EUROPE - CZECH REPUBLIC PRAHA-LIBUS 11520 SEP 2004 5000N 01427E OB 3								EUROPE - SLOVAKIA POPRAD-GANOVCE 11952 SEP 2004 4902N 02019E OB 3								EUROPE - HUNGARY BUDAPEST/LORINC 12843 SEP 2004 4726N 01911E OB 3										
030	24065	0	-53.5	32.5	0	64	276	4	030	24065	0	-53.8	30.2	0	68	256	5	030	24090	4	-53.8		7	75	262	5
050	20804	0	-56.0	31.7	0	65	277	4	050	20806	0	-56.1	29.4	0	71	259	5	050	20828	4	-56.2		8	69	257	5
100	16405	0	-57.3	30.3	0	70	284	7	100	16406	0	-56.4	28.9	0	74	265	8	100	16431	2	-57.1		5	79	267	8
150	13844	0	-57.4	24.1	0	64	297	10	150	13834	0	-56.1	24.9	0	59	284	9	150	13867	2	-57.2		4	61	286	9
200	12025	0	-56.2	15.1	1	55	306	13	200	12010	0	-56.2	14.3	0	48	291	11	200	12049	2	-56.9		4	44	300	10
300	9379	0	-41.8	12.1	2	53	299	12	300	9372	0	-42.4	10.3	0	46	284	11	300	9406	0	-42.0	10.1	2	42	295	10
500	5723	0	-15.5	18.2	0	66	291	9	500	5718	0	-15.4	15.4	0	56	287	8	500	5740	0	-14.6	13.4	0	52	286	8
700	3106	0	.1	17.5	0	69	287	7	700	3099	0	-.3	16.0	0	51	291	4	700	3112	0	.5	15.4	0	55	291	5
850	1530	0	7.2	6.1	0	67	280	6	850	1525	0	7.2	5.1	0	44	287	3	850	1534	0	7.5	4.9	0	47	295	3
984	* 303		15.5	7.4					938	* 706		12.1	6.3					1003	* 139		16.9	8.7				

# UPPER AIR

# SEPTEMBER 2004

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 - HUNGARY</b> <b>SZEGED</b> 12982 SEP 2004 4615N 02006E OB								<b>EUROPE - CROATIA</b> <b>ZAGREB/MAKSIMIR</b> 14240 SEP 2004 4549N 01602E OB 3								<b>EUROPE - ROMANIA</b> <b>BUCURESTI/IMH</b> 15420 SEP 2004 4430N 02608E OB 1										
030	23973	2	-55.0		6	67	265	5	030	24106	0	-53.5		0	56	258	4	030	24100	10	-54.3	28.4	9	53	274	3
050	20732	2	-57.2		6	71	249	6	050	20844	0	-55.8		0	49	243	3	050	20846	3	-57.1	27.5	3	62	238	4
100	16363	0	-58.0		1	81	261	8	100	16453	0	-57.8		0	77	269	7	100	16478	2	-58.0	26.0	2	94	248	12
150	13807	0	-57.8		3	64	273	9	150	13898	0	-57.6		0	63	297	9	150	13916	2	-56.7	23.9	2	89	253	15
200	11994	0	-57.7		6	47	288	9	200	12084	0	-56.9		0	52	315	10	200	12082	1	-55.2	14.7	1	72	262	14
300	9366	0	-42.9	8.4	3	27	308	5	300	9441	0	-41.4		0	36	304	7	300	9439	0	-42.1	11.3	0	50	270	9
500	5716	0	-15.9	15.8	4	43	279	6	500	5766	0	-13.5	15.3	0	43	302	5	500	5775	0	-14.4	12.8	0	53	264	7
700	3100	0	-7	13.9	5	44	276	4	700	3127	0	1.5	13.3	0	27	329	2	700	3144	0	.9	10.5	0	48	269	4
850	1527	0	6.9	5.9	4	27	317	2	850	1542	0	9.0	5.3	0	18	47	1	850	1557	0	10.1	6.8	0	22	323	1
1010	* 83		12.5	2.4					1006	* 128		17.0	6.4					1010	* 91		14.3	3.3				
<b>EUROPE - BULGARIA</b> <b>SOFIA (OBSERV.)</b> 15614 SEP 2004 4239N 02323E OB 0								<b>EUROPE - ITALY</b> <b>PRATICA DI MARE</b> 16245 SEP 2004 4139N 01226E OB 3								<b>EUROPE - ITALY</b> <b>BRINDISI</b> 16320 SEP 2004 4039N 01757E OB 3										
030	24099	3	-53.2	27.2	6	41	263	2	030	24079	0	-53.5	26.4	0	43	186	3	030	24086	0	-53.2	32.5	0	7	107	1
050	20843	1	-56.8	26.2	2	47	209	2	050	20821	0	-56.6	25.2	0	38	181	2	050	20829	0	-57.3	31.2	0	30	171	2
100	16479	1	-58.9	24.6	2	88	249	10	100	16463	0	-59.9	23.1	0	77	275	7	100	16478	0	-59.6	28.6	0	85	251	9
150	13923	0	-56.7	23.3	1	85	253	13	150	13927	0	-59.0	18.6	0	67	304	8	150	13934	0	-57.4	25.0	0	80	256	11
200	12096	0	-56.1	14.4	1	64	256	11	200	12118	0	-56.6	12.9	0	51	315	8	200	12113	0	-56.1	15.4	0	58	270	8
300	9451	0	-41.4	10.7	0	52	265	8	300	9469	0	-41.1	12.8	0	40	318	6	300	9464	0	-41.2	11.8	0	46	265	7
500	5774	0	-13.5	16.0	0	50	262	6	500	5789	0	-13.0	16.7	0	49	316	5	500	5783	0	-13.0	17.9	0	39	278	4
700	3135	0	1.9	10.0	0	43	246	3	700	3141	0	3.2	10.0	0	56	321	4	700	3137	0	3.1	13.6	0	37	279	3
850	1538	0	12.8	7.9	0	13	293	1	850	1539	0	13.0	7.9	0	26	287	2	850	1535	0	13.1	9.5	0	23	313	2
950	* 595		22.7	13.6					1013	* 32		22.2	6.6					1016	* 10		23.7	7.3				
<b>EUROPE - ITALY</b> <b>TRAPANI/BIRGI</b> 16429 SEP 2004 3755N 01230E OB 3								<b>EUROPE - ITALY</b> <b>CAGLIARI/ELMAS</b> 16560 SEP 2004 3915N 00904E OB /								<b>EUROPE - TURKEY</b> <b>SAMSUN</b> 17030 SEP 2004 4117N 03618E OB 3										
030	24063	1	-53.7	31.3	1	74	100	5	030	24080	0	-53.4	31.4	1	56	114	3	030	24084	2	-54.5	32.4	3	15	14	1
050	20819	0	-57.9	29.3	0	49	134	3	050	20823	0	-57.0	30.0	0	37	139	3	050	20851	2	-59.1	30.8	2	29	281	2
100	16496	0	-61.1	24.9	0	88	262	9	100	16487	0	-61.0	25.8	1	77	290	8	100	16558	2	-63.1	27.1	2	96	251	19
150	13966	0	-58.6	21.6	0	78	278	10	150	13965	0	-59.8	20.6	1	77	300	10	150	14038	1	-57.0	26.9	2	98	254	31
200	12150	0	-55.6	15.6	0	68	297	11	200	12159	0	-57.0	13.6	0	67	310	12	200	12195	1	-51.1	24.4	2	97	252	35
300	9492	0	-40.8	13.0	0	61	306	10	300	9507	0	-40.2	13.6	0	58	323	11	300	9498	1	-39.0	20.3	1	90	252	19
500	5808	0	-12.8	17.7	0	63	324	7	500	5816	0	-12.7	17.3	0	70	322	9	500	5800	1	-12.2	24.7	1	78	253	9
700	3158	0	4.2	13.3	0	71	324	6	700	3165	0	4.4	12.6	0	68	316	6	700	3146	1	4.3	18.9	2	46	288	3
850	1550	0	14.0	10.1	0	63	325	4	850	1553	0	14.4	10.2	0	53	320	4	850	1542	1	12.4	10.3	1	28	17	2
1017	* 14		21.3	2.9					1018	* 5		23.7	6.8					1018	* 4		17.4	3.4				

# UPPER AIR

# SEPTEMBER 2004

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 SEP 2004 4058N 02905E OB 3									EUROPE - TURKEY ANKARA/CENTRAL 17130 SEP 2004 3957N 03253E OB 3									EUROPE - TURKEY IZMIR/GUZELYALT 17220 SEP 2004 3826N 02710E OB 3								
030	24072	1	-54.3	32.5	3	32	65	3	030	24076	0	-54.4	32.4	0	58	74	6	030	24061	0	-54.2	32.4	1	74	80	9
050	20835	1	-58.1	31.4	2	37	205	3	050	20840	0	-59.1	30.9	0	12	178	1	050	20826	0	-59.1	29.4	0	28	145	3
100	16517	1	-61.0	29.6	6	95	245	26	100	16555	0	-63.8	26.7	0	97	246	36	100	16541	0	-63.2	27.0	0	95	241	29
150	13979	0	-56.7	28.1	4	97	245	51	150	14041	0	-57.8	26.5	0	98	250	61	150	14023	0	-57.8	27.3	0	97	241	57
200	12139	0	-52.7	22.9	7	94	245	49	200	12200	0	-51.0	23.6	0	97	247	65	200	12184	0	-51.8	25.6	0	96	243	54
300	9466	0	-40.3	16.4	5	78	256	25	300	9501	0	-38.8	18.4	0	92	250	38	300	9492	0	-39.3	21.8	0	87	240	32
500	5782	0	-13.1	20.4	1	70	262	14	500	5797	0	-11.9	22.9	0	79	260	16	500	5794	0	-12.0	24.2	0	74	255	13
700	3133	0	4.2	19.5	1	28	264	5	700	3139	0	4.4	15.9	0	56	292	7	700	3134	0	5.9	22.8	0	53	237	7
850	1529	0	13.2	16.3	1	24	52	4	850	1529	0	14.7	12.3	0	54	53	6	850	1517	0	15.8	17.7	0	19	72	2
1012	* 33		18.6	5.0					916	* 891		14.9	10.4					1011	* 29		21.5	9.1				
EUROPE - TURKEY ISPARTA 17240 SEP 2004 3745N 03033E OB 3									EUROPE - TURKEY DIYARBAKIR 17280 SEP 2004 3753N 04012E OB 3									EUROPE - CYPRUS ATHALASSA 17607 SEP 2004 3509N 03324E OB 2								
030	24070	0	-53.9	32.6	0	87	82	12	030	24060	4	-54.8	32.4	4	83	74	9	030								
050	20836	0	-59.5	30.7	0	37	133	4	050	20836	4	-60.0	30.9	4	37	94	4	050	20800	2	-60.7	30.7	0	78	101	5
100	16579	0	-65.6	22.4	0	97	243	33	100	16620	2	-69.0	23.7	2	93	252	32	100	16611	0	-70.6	26.8	0	93	233	14
150	14084	0	-58.7	23.6	0	98	244	66	150	14153	2	-60.0	26.4	2	96	255	61	150	14163	0	-61.6	28.6	0	96	243	28
200	12245	0	-50.8	23.2	0	97	242	69	200	12316	0	-49.9	27.9	0	96	257	67	200	12337	0	-50.6	31.0	0	98	246	32
300	9533	0	-37.4	19.4	0	93	244	41	300	9578	0	-34.5	27.6	0	96	257	52	300	9598	0	-34.4	33.5	0	97	245	27
500	5813	0	-10.7	22.9	0	85	249	16	500	5829	0	-9.3	31.8	0	91	251	22	500	5844	0	-8.7	38.1	0	92	243	10
700	3142	0	5.8	15.5	0	32	323	3	700	3143	0	8.4	18.4	0	67	203	9	700	3152	0	8.4	38.0	0	58	257	3
850	1522	0	16.2	13.9	0	65	40	7	850	1499	0	22.4	24.3	0	24	336	2	850	1524	0	18.0	16.5	0	35	355	1
904	* 997		13.8	8.1					934	* 677		19.9	18.7					993	* 161		33.3	22.0				
EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK 22550 SEP 2004 6437N 04030E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) MOSKVA (DOLGOPRUDNYJ) 27612 SEP 2004 5545N 03757E OB 0									EUROPE - ISRAEL BET DAGAN 40179 SEP 2004 3200N 03449E OB 3								
030	23977	7	-54.4	28.5	7	77	295	5	030	23961	5	-55.1	9.7	5	86	288	6	030								
050	20696	6	-53.6	29.2	6	82	294	6	050	20715	4	-55.7	9.0	5	87	290	6	050								
100	16216	4	-51.4	29.5	4	78	291	9	100	16286	0	-54.9	8.3	0	82	275	10	100	16667	2	-73.9		4	94	214	11
150	13573	4	-50.0	28.7	4	71	288	11	150	13695	0	-54.6	6.8	0	76	273	13	150	14254	2	-63.7		2	95	232	20
200	11701	4	-51.8	22.0	4	65	286	14	200	11864	0	-55.6	5.3	0	64	276	16	200	12439	2	-51.2		2	96	238	22
300	9070	3	-47.4	10.1	3	57	279	16	300	9225	1	-43.9	5.3	0	59	273	15	300	9691	2	-31.7	18.3	2	97	242	21
500	5508	3	-21.5	8.8	3	64	278	11	500	5612	0	-18.2	7.0	0	60	272	10	500	5888	2	-5.5	23.1	2	93	236	10
700	2944	3	-5.3	7.2	3	67	271	9	700	3027	0	-2.7	8.0	0	60	266	7	700	3167	2	10.9	22.9	2	88	220	7
850	1396	3	2.6	4.9	3	64	265	7	850	1472	0	4.6	3.9	0	56	261	5	850	1522	2	19.9	19.0	2	52	282	2
1007	* 4		9.8	3.1					993	* 200		12.0	4.1					1009	* 35		26.0	6.6				



# UPPER AIR

# SEPTEMBER 2004

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND												
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED										
																											hPa	gpm	°C	°C	%	°	mps	hPa	gpm	°C
<b>EUROPE - JORDAN</b> <b>MAFRAQ</b> 40265 SEP 2004 3222N 03615E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OSTROV DIKSON</b> 20674 SEP 2004 7330N 08024E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HATANGA</b> 20891 SEP 2004 7159N 10228E OB 3																		
030									030	23846	16	-52.5			9	79	291	4	030									030								
050	20780	2	-61.8		3	79	102	7	050	20541	15	-51.7			9	70	308	4	050	20474	16	-53.0	10.5	9	82	264	4	050	20474	16	-53.0	10.5	9	82	264	4
100	16649	0	-74.1		2	93	217	11	100	16032	8	-50.2			8	66	329	4	100	15976	14	-51.1	8.9	9	59	283	3	100	15976	14	-51.1	8.9	9	59	283	3
150	14236	0	-63.8		2	92	235	20	150	13397	7	-49.1			7	70	326	5	150	13337	13	-50.9	7.2	9	56	292	4	150	13337	13	-50.9	7.2	9	56	292	4
200	12421	0	-51.2		2	95	247	26	200	11511	4	-50.2			5	53	335	5	200	11467	13	-52.5	4.9	9	42	307	4	200	11467	13	-52.5	4.9	9	42	307	4
300	9676	0	-32.4		2	95	248	20	300	8928	2	-51.1			2	41	358	6	300	8876	11	-52.8	3.1	9	21	285	4	300	8876	11	-52.8	3.1	9	21	285	4
500	5882	0	-6.4	37.3	1	94	244	11	500	5421	0	-24.9	7.1		1	30	9	3	500	5401	12	-27.3	4.9	9	32	312	4	500	5401	12	-27.3	4.9	9	32	312	4
700	3170	0	10.9	33.4	0	87	218	9	700	2896	0	-9.3	6.5		0	23	19	2	700	2901	10	-12.4	3.3	9	17	302	2	700	2901	10	-12.4	3.3	9	17	302	2
850	1522	0	21.9	27.8	0	63	283	5	850	1373	0	-2.3	4.3		2	27	43	2	850	1395	10	-4.9	2.2	9	6	286		850	1395	10	-4.9	2.2	9	6	286	
937	* 687		19.3	7.4					1004	* 47		.7	1.0						1010	* 33		-.3	1.9					1010	* 33		-.3	1.9				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>NAR'JAN-MAR</b> 23205 SEP 2004 6738N 05302E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SALEHARD</b> 23330 SEP 2004 6632N 06640E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>TURUHANSK</b> 23472 SEP 2004 6547N 08756E OB 3																		
030	23845	4	-56.0	10.2	4	84	303	6	030	23911	6	-53.9	16.4	6	89	301	7	030	23914	0	-52.7	16.5	0	82	286	6										
050	20588	4	-54.6	10.3	4	87	305	6	050	20613	3	-53.5	15.9	3	90	308	7	050	20606	0	-52.3	16.0	0	80	288	5										
100	16121	4	-51.6	9.0	4	77	305	8	100	16141	2	-50.7	13.9	2	80	311	8	100	16105	0	-50.4	13.7	0	68	293	5										
150	13488	4	-50.5	7.8	4	60	301	7	150	13488	2	-49.4	11.7	2	69	308	9	150	13454	0	-49.7	11.1	0	58	291	6										
200	11616	3	-52.1	6.2	3	52	293	9	200	11607	2	-50.3	9.1	2	50	309	9	200	11574	0	-50.9	8.3	0	41	292	6										
300	8993	3	-48.7	4.8	3	37	292	8	300	8971	2	-48.2	6.7	2	36	306	8	300	8948	0	-50.1	5.1	0	36	265	7										
500	5451	3	-23.6	6.5	3	38	293	5	500	5441	2	-24.3	9.2	2	32	295	5	500	5434	0	-25.4	6.5	0	39	261	5										
700	2913	3	-8.0	5.7	3	30	273	3	700	2916	2	-9.1	7.1	2	42	286	4	700	2913	0	-10.1	5.9	0	43	249	3										
850	1383	3	-.8	3.3	3	16	243	2	850	1393	2	-2.1	4.7	2	40	270	4	850	1394	0	-2.4	4.3	0	47	230	4										
1007	* 12		4.5	1.2					1010	* 16		4.5	3.2						1006	* 38		5.5	4.3													
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SYKTYVKAR</b> 23804 SEP 2004 6140N 05051E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OLENEK</b> 24125 SEP 2004 6830N 11226E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHOJANSK</b> 24266 SEP 2004 6734N 13324E OB 3																		
030	23860	1	-55.4	9.8	1	88	286	6	030	23853	4	-52.7	11.0	4	94	259	6	030	23907	2	-52.4	10.6	2	96	257	9										
050	20613	0	-55.5	9.3	1	89	291	8	050	20552	2	-52.3	10.4	2	91	254	5	050	20605	1	-51.9	9.9	1	97	252	8										
100	16171	0	-53.2	8.4	0	84	289	10	100	16056	2	-50.4	8.9	2	67	266	4	100	16101	1	-49.8	8.7	1	93	250	7										
150	13552	0	-52.0	7.4	0	81	285	14	150	13407	2	-49.6	7.3	2	56	275	5	150	13445	1	-49.1	7.1	1	85	252	7										
200	11690	0	-53.3	6.0	0	74	286	17	200	11527	2	-50.2	5.3	2	51	287	5	200	11563	1	-50.3	5.3	1	77	246	8										
300	9072	0	-48.6	4.4	0	67	291	18	300	8916	2	-50.6	3.2	2	43	317	6	300	8950	2	-50.3	3.4	1	50	237	9										
500	5521	0	-22.3	5.3	0	67	287	13	500	5404	0	-25.5	4.4	0	49	312	5	500	5431	1	-24.3	4.5	1	57	246	5										
700	2966	0	-6.2	4.7	0	65	280	9	700	2895	0	-10.4	4.3	0	50	305	4	700	2909	1	-9.5	4.5	3	31	259	2										
850	1423	0	1.9	2.1	0	65	271	7	850	1382	0	-2.6	1.9	0	34	302	2	850	1392	1	-2.1	3.6	1	9	291	1										
997	* 116		9.6	3.1					985	* 220		1.8	2.9						994	* 138		2.1	3.7													

# UPPER AIR

# SEPTEMBER 2004

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>TURA</b> 24507 SEP 2004 6416N 10014E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JAKUTSK</b> 24959 SEP 2004 6201N 12943E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SEJMCHAN</b> 25703 SEP 2004 6255N 15225E OB 3								
030	23931	12	-51.5	15.2	9	89	265	6	030	23943	4	-51.8	12.0	4	96	253	10	030	23985	2	-52.7	11.8	3	98	270	10
050	20623	6	-51.6	14.5	7	84	268	5	050	20640	1	-52.1	11.6	1	95	255	9	050	20682	1	-52.5	11.1	2	94	271	9
100	16108	5	-50.0	12.0	5	68	274	5	100	16156	0	-50.2	9.7	0	92	255	10	100	16187	0	-50.6	9.4	0	87	267	10
150	13454	5	-49.6	9.6	5	51	273	5	150	13505	0	-50.0	7.8	0	87	259	10	150	13541	0	-50.1	7.6	0	83	267	11
200	11574	5	-51.4	7.3	5	40	281	6	200	11639	0	-52.0	5.8	1	82	266	13	200	11667	0	-51.8	5.4	0	76	263	12
300	8959	5	-50.0	5.3	6	31	282	6	300	9035	0	-48.7	4.6	0	64	275	13	300	9036	1	-48.0	4.2	0	33	246	6
500	5443	4	-25.8	5.4	5	42	288	5	500	5483	0	-21.7	5.5	0	73	281	9	500	5480	0	-22.7	6.8	0	29	243	3
700	2927	4	-10.7	5.6	4	42	294	3	700	2932	0	-6.5	7.1	0	69	290	6	700	2931	0	-7.4	2.9	0	35	233	2
850	1412	4	-2.8	4.5	4	25	274	2	850	1396	0	1.6	6.0	0	58	305	5	850	1394	0	.9	3.5	0	7	236	
990	* 168		1.2	2.4					996	* 101		6.0	6.0					983	* 205		4.6	3.1				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KORF</b> 25954 SEP 2004 6021N 16600E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHNEE DUBROVO</b> 28445 SEP 2004 5644N 06104E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OMSK</b> 28698 SEP 2004 5456N 07324E OB 3								
030	24016	17	-53.2	11.3	9	99	280	11	030	24037	5	-53.8	14.2	5	92	288	7	030	24026	4	-51.6	14.5	4	94	286	8
050	20719	10	-53.0	10.5	9	98	276	9	050	20755	4	-54.4	13.2	5	95	291	8	050	20739	3	-53.3	13.2	3	94	286	9
100	16234	8	-51.2	9.5	8	94	277	11	100	16299	3	-52.6	11.2	3	94	286	13	100	16283	3	-52.3	10.9	3	93	284	16
150	13597	7	-50.4	8.0	7	90	283	13	150	13677	3	-52.2	9.3	3	93	287	17	150	13662	3	-52.4	8.8	3	91	285	19
200	11723	7	-52.1	6.1	7	78	282	14	200	11819	3	-53.2	7.4	3	86	285	21	200	11813	3	-54.4	7.0	3	85	286	23
300	9093	6	-46.7	5.5	6	50	271	9	300	9180	3	-44.9	6.6	3	80	285	23	300	9189	3	-44.9	6.7	3	80	282	22
500	5515	6	-21.8	6.8	6	48	275	5	500	5584	2	-20.0	9.4	2	84	286	17	500	5587	3	-18.8	8.6	3	82	282	17
700	2963	6	-6.9	5.7	6	13	191	1	700	3011	2	-4.5	6.6	2	81	287	11	700	3007	3	-3.2	7.3	3	84	277	12
850	1420	5	.9	3.4	6	37	165	3	850	1458	2	3.7	4.2	2	81	290	8	850	1453	3	4.3	4.8	3	81	269	9
1011	* 4		8.7	3.1					980	* 290		9.6	2.8					1003	* 90		11.2	5.4				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KOLPASEVO</b> 29231 SEP 2004 5819N 08254E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>EMEL'JANOVO</b> 29572 SEP 2004 5611N 09237E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KIRENSK</b> 30230 SEP 2004 5746N 10804E OB 0								
030	24012	6	-51.6	15.9	9	91	282	8	030	23971	7	-51.2	20.5	7	94	275	8	030	24017	4	-50.9	15.8	7	97	253	8
050	20718	4	-52.4	14.0	6	90	285	8	050	20673	6	-53.2	19.9	6	91	274	8	050	20699	1	-52.1	15.5	1	92	262	7
100	16221	3	-51.0	11.8	3	86	286	11	100	16195	6	-51.8	19.4	6	85	283	10	100	16202	0	-50.8	13.0	0	89	265	9
150	13585	3	-50.9	9.7	2	82	286	14	150	13564	6	-51.5	17.2	6	79	285	11	150	13560	0	-51.0	10.9	0	78	265	11
200	11717	3	-52.4	7.1	2	78	283	17	200	11696	6	-53.0	12.7	6	67	288	12	200	11696	0	-53.3	7.2	0	67	270	12
300	9094	2	-47.5	6.3	2	71	277	17	300	9079	6	-49.1	8.1	6	48	287	11	300	9089	0	-48.8	6.5	0	57	258	13
500	5529	2	-21.9	6.8	2	71	272	12	500	5547	6	-24.2	8.0	6	62	281	9	500	5539	0	-22.8	9.1	0	66	268	10
700	2975	2	-6.6	7.3	2	73	264	9	700	3010	6	-8.0	6.1	6	75	273	9	700	2992	0	-6.9	6.7	0	74	274	8
850	1437	3	.8	5.2	2	76	255	7	850	1473	6	1.4	4.9	6	72	270	7	850	1452	0	1.9	4.2	0	68	270	6
1004	* 75		5.8	1.3					993	* 206		7.7	4.0					984	* 259		7.6	2.8				

# UPPER AIR

# SEPTEMBER 2004

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>CHITA</b> 30758 SEP 2004 5205N 11329E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ALDAN</b> 31004 SEP 2004 5837N 12522E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OHOTSK</b> 31088 SEP 2004 5922N 14312E OB 3								
030	24063	3	-49.1	10.3	3	98	249	8	030	23950	3	-51.0	10.2	3	96	246	9	030	24030	16	-51.5	10.8	9	97	262	9
050	20758	0	-52.2	9.3	0	95	252	8	050	20652	2	-52.3	9.2	2	94	244	9	050	20729	12	-52.0	10.0	9	96	255	8
100	16280	0	-51.5	8.4	0	90	263	13	100	16170	1	-51.0	7.8	1	90	253	10	100	16242	9	-50.8	8.8	9	88	260	12
150	13652	0	-51.7	7.2	0	85	262	14	150	13529	1	-51.2	6.3	1	85	259	11	150	13597	8	-50.6	7.4	8	81	254	13
200	11792	0	-53.4	5.9	0	74	262	14	200	11674	1	-53.7	4.5	1	74	267	13	200	11728	8	-51.7	5.8	8	77	264	15
300	9174	0	-46.0	5.3	0	62	277	11	300	9079	1	-48.3	4.0	1	62	273	12	300	9085	8	-44.8	5.8	8	64	265	14
500	5588	0	-19.6	6.9	0	64	289	8	500	5520	1	-21.3	5.0	1	68	283	8	500	5503	7	-20.5	7.2	7	55	286	6
700	3015	0	-3.8	4.9	0	69	296	6	700	2966	1	-6.0	4.6	1	58	286	5	700	2941	8	-5.4	5.6	7	41	287	4
850	1456	0	6.6	7.6	0	49	306	4	850	1428	1	2.3	3.0	1	42	296	4	850	1400	7	2.3	4.3	6	8	134	1
935	* 671		8.6	7.2					932	* 79		5.1	3.4					1008	* 6		9.1	3.2				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>BLAGOVESCENSK</b> 31510 SEP 2004 5032N 12730E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HABAROVSK</b> 31736 SEP 2004 4832N 13514E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VLADIVOSTOK (SAD GOROD)</b> 31977 SEP 2004 4316N 13203E OB 3								
030									030	24091	22	-52.4	9.6	9	58	297	2	030	24096	13	-53.4	13.4	9	15	96	1
050	20821	11	-52.2	15.6	9	92	244	7	050	20823	8	-54.4	10.8	8	88	252	7	050	20860	9	-56.4	12.5	9	87	242	6
100	16360	4	-52.1	14.3	5	92	252	14	100	16415	7	-55.9	9.7	7	92	254	19	100	16521	8	-59.9	11.4	8	94	257	23
150	13731	4	-51.1	12.3	4	86	247	17	150	13818	4	-53.1	9.2	4	92	253	25	150	13970	8	-54.8	11.2	6	93	252	32
200	11879	3	-52.2	10.0	5	80	247	17	200	11962	4	-52.1	7.9	4	89	254	28	200	12115	1	-49.5	10.6	0	93	249	38
300	9221	2	-43.1	9.4	2	65	257	15	300	9291	4	-41.7	7.1	4	71	263	17	300	9409	0	-38.0	11.0	1	90	249	27
500	5600	2	-17.8	11.9	2	65	262	9	500	5643	3	-16.5	8.6	3	78	263	12	500	5726	0	-13.4	14.1	0	78	262	12
700	3006	2	-1.2	10.8	2	58	263	7	700	3039	1	-.5	9.0	1	80	269	8	700	3094	0	2.4	13.7	0	61	278	6
850	1442	1	7.5	8.6	2	61	252	6	850	1467	1	8.6	6.5	1	70	258	6	850	1505	0	10.9	10.4	0	40	276	3
991	* 177		12.2	5.1					1005	* 72		14.1	3.3					1006	* 82		16.8	4.6				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JUZHNO-SAHALINSK</b> 32150 SEP 2004 4657N 14243E OB 1									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>PETROPAVLOVSK- KAMCATSKIJ</b> 32540 SEP 2004 5305N 15835E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ORENBURG</b> 35121 SEP 2004 5141N 05506E OB 3								
030	24104	13	-52.8	13.7	9	55	295	2	030	24074	6	-52.4	13.7	6	91	278	5	030	24088	5	-53.0	13.7	5	95	282	8
050	20851	4	-55.6	13.1	4	83	262	5	050	20797	1	-53.8	13.5	1	96	273	7	050	20825	4	-55.4	12.2	4	95	281	9
100	16476	1	-57.9	11.1	2	88	261	20	100	16357	0	-53.4	11.7	0	91	271	16	100	16417	1	-54.9	10.2	1	94	277	16
150	13903	1	-54.9	10.1	1	89	262	31	150	13738	0	-51.2	10.4	0	89	273	22	150	13828	1	-54.6	8.6	1	91	275	18
200	12051	0	-51.2	9.2	0	89	258	37	200	11868	0	-50.4	8.6	0	87	273	27	200	11996	0	-55.5	7.2	0	80	279	18
300	9345	0	-38.4	9.5	0	84	255	26	300	9189	0	-42.3	7.5	0	77	276	19	300	9355	0	-42.2	7.5	0	71	273	14
500	5671	0	-14.6	13.2	0	77	263	13	500	5565	0	-17.9	10.6	0	68	282	11	500	5709	0	-15.5	11.3	0	78	269	11
700	3049	0	1.0	12.5	0	72	267	9	700	2980	0	-3.2	9.1	0	54	282	7	700	3097	0	.0	10.2	0	83	264	10
850	1471	0	8.7	8.2	0	68	270	7	850	1426	0	4.6	5.4	0	54	288	5	850	1521	4	9.4	9.2	0	73	261	6
1011	* 24		14.1	2.3					1001	* 84		10.9	4.2					1004	* 117		22.3	17.0				

# UPPER AIR

# SEPTEMBER 2004

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 - SAUDI ARABIA</b> <b>HAFR AL-BATIN</b> 40373 SEP 2004 2820N 04607E OB																										
030	23977	19	-55.6	25.7	9	98	89	15	030	23997	8	-55.3	25.0	8	99	93	15	030	23991	13	-55.3	25.3	9	99	91	16
050	20788	17	-63.4	23.3	9	98	92	10	050	20788	8	-62.8	21.5	8	99	98	11	050	20798	10	-64.0	21.9	9	98	89	12
100	16693	10	-76.2	18.7	9	47	82	3	100	16674	1	-76.2	15.7	1	77	165	6	100	16718	3	-76.8	14.7	3	74	104	6
150	14295	8	-63.6	21.7	8	7	205	1	150	14278	1	-64.4	17.7	1	72	208	7	150	14317	2	-63.7	16.9	3	17	141	2
200	12469	6	-50.3	24.5	7	25	295	2	200	12466	1	-51.6	20.2	1	75	227	8	200	12496	1	-50.0	19.6	1	15	278	2
300	9709	5	-30.6	29.0	5	51	330	5	300	9717	1	-31.5	24.7	1	69	244	7	300	9727	1	-30.3	23.9	1	53	354	5
500	5889	4	-5.9	31.9	5	69	354	5	500	5902	1	-5.1	28.8	1	64	239	5	500	5903	1	-5.8	25.7	1	66	20	5
700	3172	4	12.8	25.2	5	68	311	6	700	3178	1	12.8	24.5	1	69	209	6	700	3185	1	12.9	22.3	1	66	346	5
850	1503	4	27.3	33.2	5	59	335	4	850	1512	1	26.1	26.6	1	17	150	1	850	1516	1	26.3	24.8	1	85	356	7
966	* 358		35.4	34.2					925	* 768		30.7	26.2					1004	* 12		32.6	20.0				
<b>ASIA - SAUDI ARABIA</b> <b>MADINAH</b> 40430 SEP 2004 2433N 03942E OB 3																										
030	23958	9	-56.3	23.0	9	99	95	17	030	23940	12	-56.2	26.0	9	99	92	16	030								
050	20768	9	-64.2	20.1	9	96	94	13	050	20753	11	-64.2	23.2	9	98	94	14	050	20824	2	-57.0	22.4	3	67	300	3
100	16676	2	-77.5	14.7	2	88	116	10	100	16681	4	-77.4	16.5	4	88	104	11	100	16653	2	-66.2	25.1	3	93	275	13
150	14292	2	-65.0	16.3	2	57	133	5	150	14291	4	-64.1	18.7	4	46	117	5	150	14190	1	-57.5	31.8	3	90	270	19
200	12482	2	-51.4	18.3	2	32	136	3	200	12477	4	-50.8	21.0	4	20	86	2	200	12348	1	-47.7	31.2	2	93	280	20
300	9729	2	-31.0	22.4	2	36	89	3	300	9715	4	-30.1	25.6	4	42	34	4	300	9597	1	-32.4	32.6	2	31	320	6
500	5911	2	-6.6	22.5	2	64	70	3	500	5892	4	-5.6	30.0	4	80	37	7	500	5842	1	-9.1	31.5	2	76	300	8
700	3192	1	14.2	23.1	2	10	166	1	700	3180	4	12.9	21.7	4	63	9	5	700	3154	1	9.9	25.8	1	50	330	3
850	1511	1	29.6	31.8	2	18	63	1	850	1514	4	27.8	30.1	4	61	60	4	850	1530	1	15.8	19.5	1	66	300	2
937	* 636		37.1	39.3					940	* 612		34.3	35.0					904	* 980		15.8	14.2				
<b>ASIA - IRAN, ISLAMIC REPUBLIC OF</b> <b>KERMAN</b> 40841 SEP 2004 3015N 05658E OB 3																										
030	23996	18	-55.2	32.2	9	97	85	12	030	23919	19	-56.5	21.2	9	98	91	17	030	23889	8	-56.7	23.5	8	96	91	15
050	20789	1	-62.7	28.9	4	89	80	8	050	20740	17	-64.6	15.6	9	98	100	14	050	20708	8	-64.6	18.9	8	96	91	14
100	16687	1	-75.4	17.8	3	32	255	3	100	16657	10	-78.2	9.5	9	93	103	13	100	16627	1	-77.9	10.7	1	96	103	19
150	14269	1	-61.9	22.3	2	55	275	6	150	14281	8	-65.6	11.3	9	81	105	9	150	14259	1	-66.3	11.8	2	92	107	15
200	12437	1	-49.2	27.6	1	67	275	9	200	12477	7	-51.8	13.4	8	53	113	5	200	12459	1	-52.4	13.8	1	88	114	10
300	9666	0	-31.0	33.3	2	74	290	9	300	9726	7	-30.8	16.9	9	55	81	4	300	9709	1	-30.6	17.7	1	74	114	6
500	5867	0	-8.1	26.7	0	50	335	4	500	5909	2	-7.6	13.9	5	86	76	6	500	5881	1	-7.2	15.2	1	91	58	7
700	3163	0	12.3	21.3	0	46	330	3	700	3191	2	14.1	15.4	3	61	56	4	700	3165	1	14.3	19.8	1	90	73	7
826	*1754		14.0	19.4					850	1509	1	28.6	20.6	1	60	348	4	794	*2093		23.8	22.9				
									1004	* 17		32.0	6.4													

# 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>ASIA - UNITED ARAB EMIRATES</b> <b>ABU DHABI INTER. AIRPORT</b> 41217 SEP 2004 2426N 05439E OB 3									<b>ASIA - OMAN</b> <b>SEEB, INTERNATIONAL AIRPORT</b> 41256 SEP 2004 2335N 05817E OB 1									<b>ASIA - OMAN</b> <b>SALALAH</b> 41316 SEP 2004 1702N 05405E OB 3								
030									030	23960	29	-55.9	1.1	9	99	88	20	030	23877	11	-56.5	31.5	9	98	94	14
050									050	20767	6	-64.2	13.8	8	98	88	15	050	20684	1	-63.6	27.1	2	95	79	12
100	16675	0	-77.2	19.1	1	75	97	9	100	16696	2	-78.5	9.0	3	79	94	12	100	16606	0	-79.3	11.9	1	98	96	21
150	14285	0	-64.0	24.6	0	26	133	3	150	14314	1	-64.3	15.4	2	81	99	12	150	14244	0	-66.5	13.2	2	94	103	18
200	12466	0	-50.2	30.3	0	29	239	3	200	12498	0	-51.0	16.0	2	34	219	11	200	12446	0	-52.5	14.6	2	93	105	14
300	9696	0	-29.3	39.2	0	59	272	5	300	9728	0	-27.0	27.0	1	59	258	10	300	9695	0	-30.0	22.4	1	78	86	7
500	5868	0	-6.3	37.2	0	36	49	2	500	5888	0	-5.0	26.0	1	46	70	6	500	5856	0	-4.1	28.8	2	60	62	3
700	3160	0	12.6	23.2	0	57	82	3	700	3175	0	12.6	18.8	0	92	60	8	700	3136	0	11.3	16.6	1	77	38	7
850	1493	0	26.1	27.9	0	3	8		850	1507	0	25.2	20.9	0	51	333	5	850	1480	0	21.9	14.6	1	36	84	2
1002	* 27		34.5	12.9					1006	* 8		27.5	4.0					1005	* 20		24.8	3.2				
<b>ASIA - BANGLADESH</b> <b>DHAKA</b> 41923 SEP 2004 2346N 09023E OB /									<b>ASIA - INDIA</b> <b>SRINAGAR</b> 42027 SEP 2004 3405N 07450E OB 3									<b>ASIA - INDIA</b> <b>NEW DELHI / SAFDARJUNG</b> 42182 SEP 2004 2835N 07712E OB 3								
030	23933	16	-57.3		9	98	83	18	030									030					9	77	108	9
050	20744	15	-64.2		9	97	85	13	050									050	20830	0	-54.7					
100	16677	15	-78.6		9	91	89	12	100									100	16613	0	-73.5		1	48	256	3
150	14307	15	-66.1		9	77	71	10	150	14150	10	-65.7						150	14256	0	-66.2		0	30	231	3
200	12500	15	-51.2		9	65	79	8	200	12357	2	-52.9		9	71	250	12	200	12444	0	-52.5		0	64	229	8
300	9725	15	-24.1	6.4	9	56	116	4	300	9615	0	-33.1	12.0	9	83	240	14	300	9684	0	-30.4	15.5	0	69	242	7
500	5867	15	-4.0	4.2	9	39	156	2	500	5831	0	-8.9	11.2	7	44	230	3	500	5847	0	-4.1	15.7	0	54	257	4
700	3131	15	10.7	4.0	9	58	178	3	700	3129	0	11.0	12.3	4	30	280	1	700	3128	0	10.9	14.0	0	77	325	6
850	1485	15	18.8	3.4	9	64	182	4	838	*1587		18.4	6.8					850	1486	0	20.9	8.9	0	73	326	5
1006	* 9		26.2	1.2														974	* 216		29.2	7.8				
<b>ASIA - INDIA</b> <b>JODHPUR</b> 42339 SEP 2004 2618N 07301E OB 3									<b>ASIA - INDIA</b> <b>LUCKNOW/AMAUST</b> 42369 SEP 2004 2645N 08053E OB 3									<b>ASIA - INDIA</b> <b>AHMADABAD</b> 42647 SEP 2004 2304N 07238E OB 3								
030									030	24166	9	-46.6	17.9	9	81	98	13	030								
050	20913	9	-54.5	15.0	9	97	87	14	050	20838	6	-54.3	14.4	6	79	96	10	050								
100	16666	9	-76.1	11.2	9	98	81	11	100	16525	3	-73.8	10.7	3	71	93	5	100								
150	14293	9	-63.7	12.2	9	76	103	7	150	14158	1	-67.2	12.4	1	50	153	5	150	14234	8	-67.0					
200	12426	9	-50.4	14.7	9	60	164	6	200	12372	1	-54.4	14.4	0	53	169	6	200	12439	4	-53.8					
300	9680	9	-29.0	15.6	9	53	193	5	300	9637	0	-30.9	16.0	0	41	213	3	300	9692	2	-31.5					
500	5834	9	-3.7	13.5	9	20	343	1	500	5806	0	-4.8	15.0	0	36	278	2	500	5849	0	-4.1	12.3				
700	3108	9	11.3	13.0	9	31	71	2	700	3084	0	11.0	13.1	0	52	309	4	700	3126	0	10.1	10.0	8	60	74	3
850	1461	9	20.9	9.1	9	79	224	5	850	1446	0	19.4	8.4	0	56	300	4	850	1484	0	19.7	5.3	1	33	276	2
980	* 224		31.2	12.5					990	* 128		28.9	4.2					1000	* 55		31.4	8.3				

# 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	
																											hPa
<b>ASIA - INDIA</b> <b>CALCUTTA/DUM DUM</b> 42809 SEP 2004 2239N 08827E OB 3								<b>ASIA - INDIA</b> <b>NAGPUR SONEGAON</b> 42867 SEP 2004 2106N 07903E OB 3								<b>ASIA - INDIA</b> <b>BHUBANESWAR</b> 42971 SEP 2004 2015N 08550E OB 3											
030									030										030								
050	20783	2	-58.8						050										050								
100	16514	1	-77.4		1	98	89	15	100	16597	5	-77.2			5	92	269	15	100	16602	6	-76.7					
150	14171	0	-69.2		0	90	86	12	150	14228	5	-66.7			5	85	264	14	150	14210	3	-69.4					
200	12392	0	-53.9		0	77	105	9	200	12417	1	-52.6			1	84	254	10	200	12441	0	-53.5					
300	9643	0	-29.6	10.9	0	74	108	6	300	9622	1	-30.1	12.2		1	64	265	5	300	9692	0	-30.0	9.4	3	61	95	5
500	5801	0	-4.1	5.8	0	15	104	1	500	5820	0	-4.7	10.5		0	40	87	3	500	5845	0	-3.7	6.9	2	17	53	1
700	3079	0	10.5	4.8	0	40	222	2	700	3104	0	10.6	4.7		0	33	34	2	700	3114	0	11.1	4.6	1	38	313	2
850	1438	0	18.6	2.8	0	36	182	2	850	1467	0	19.7	4.3		0	47	341	3	850	1465	0	19.7	3.1	0	47	291	3
1003	* 6		27.4	1.9					971	* 310		27.2	4.1						1000	* 46		28.1	2.9				
<b>ASIA - INDIA</b> <b>BOMBAY/SANTACRUZ</b> 43003 SEP 2004 1907N 07251E OB 3								<b>ASIA - INDIA</b> <b>HYDERABAD AIRPORT</b> 43128 SEP 2004 1727N 07828E OB 3								<b>ASIA - INDIA</b> <b>CWC VISHAKHAPATNAM/WALTAIR</b> 43150 SEP 2004 1742N 08318E OB 3											
030									030										030								
050									050										050								
100	16607	7	-78.1	9.1	7	92	90	17	100	16480	5	-74.4			5	97	88	18	100	16470	10	-78.1		9	97	80	21
150	14197	4	-63.7	11.2	3	92	97	16	150	14143	2	-72.0			2	97	94	16	150	14157	0	-69.8		1	97	81	19
200	12380	2	-51.4	12.9	2	87	94	11	200	12393	1	-57.1	4.4		1	93	92	11	200	12380	0	-55.1	6.6	1	94	83	14
300	9622	1	-29.5	14.8	1	85	95	7	300	9682	1	-32.2	10.4		1	81	89	6	300	9655	0	-31.9	8.2	1	82	86	7
500	5778	0	-4.4	16.1	0	37	102	2	500	5854	1	-4.5	8.7		1	48	95	3	500	5831	0	-5.0	8.2	0	45	68	3
700	3074	0	8.5	5.5	0	17	92	1	700	3131	0	10.6	5.0		0	26	20	1	700	3106	0	10.4	6.0	0	24	351	1
850	1452	0	16.3	3.4	0	28	331	2	850	1483	0	20.6	4.1		0	31	316	2	850	1457	0	20.2	5.3	0	25	246	1
1005	* 14		27.9	3.9					941	* 545		25.6	5.0						998	* 66		29.3	4.9				
<b>ASIA - INDIA</b> <b>GOA/PANJIM</b> 43192 SEP 2004 1529N 07349E OB 3								<b>ASIA - INDIA</b> <b>MADRAS/MINAMBAKKAM</b> 43279 SEP 2004 1300N 08011E OB 3								<b>ASIA - INDIA</b> <b>MANGALORE/PANAMBUR</b> 43285 SEP 2004 1257N 07450E OB 3											
030									030										030								
050									050										050								
100									100	16533	8	-74.2			9	97	86	15	100								
150	14158	10	-69.5						150	14185	4	-70.3			4	97	81	24	150	14145	5	-70.0					
200	12378	5	-56.3						200	12412	2	-51.1			2	94	86	16	200	12375	2	-54.9					
300	9648	0	-31.7	9.5	5	73	94	7	300	9676	1	-31.5	9.8		1	85	92	8	300	9645	1	-30.7	11.3				
500	5826	0	-5.3	7.4	4	44	110	3	500	5855	0	-5.1	7.7		0	26	105	2	500	5820	1	-5.2	7.5				
700	3111	0	9.2	5.8	3	13	241	1	700	3139	0	9.0	4.7		0	23	270	2	700	3111	0	8.6	5.8	4	20	289	1
850	1476	0	18.3	3.4	3	37	282	3	850	1506	0	18.9	4.3		0	37	286	2	850	1481	0	16.9	3.4	3	49	314	3
1001	* 60		26.5	2.4					1004	* 16		27.7	4.1						1006	* 31		26.1	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>ASIA - INDIA</b> <b>PORT BLAIR</b> 43333 SEP 2004 1140N 09243E OB 3									<b>ASIA - INDIA</b> <b>THIRUVANANTHAPURAM</b> 43371 SEP 2004 0829N 07657E OB 3									<b>ASIA - HONG KONG, CHINA</b> <b>KING'S PARK</b> 45004 SEP 2004 2219N 11410E OB 1								
030									030									030	23903	5	-56.5	29.6	6	98	96	18
050									050									050	20716	3	-64.1	26.4	3	98	84	15
100	16612	4	-77.2		4	95	90	21	100									100	16649	1	-78.4	14.7	1	95	75	14
150	14230	1	-66.9		1	93	87	21	150									150	14269	0	-65.3	16.4	0	69	61	7
200	12434	0	-52.2		0	90	86	15	200									200	12463	0	-51.7	16.7	0	46	77	6
300	9679	0	-29.8	7.4	0	78	91	9	300	9616	1	-33.6	8.9	3	60	95	10	300	9711	0	-30.5	13.1	0	40	65	3
500	5847	0	-5.5	7.6	0	54	120	3	500	5821	0	-6.8	7.2	2	17	53	1	500	5880	0	-4.5	14.7	1	41	62	2
700	3130	0	9.4	6.8	0	38	212	3	700	3115	0	8.5	7.0	1	73	289	5	700	3149	0	10.8	10.8	0	34	164	2
850	1491	0	18.0	4.8	0	56	240	5	850	1481	0	17.1	5.4	0	85	306	7	850	1507	0	17.8	4.3	0	42	103	2
999	* 79		26.2	2.3					1001	* 64		26.2	2.7					1003	* 66		25.9	3.4				
<b>ASIA - JAPAN</b> <b>WAKKANAI</b> 47401 SEP 2004 4525N 14141E OB 2									<b>ASIA - JAPAN</b> <b>SAPPORO</b> 47412 SEP 2004 4303N 14120E OB 2									<b>ASIA - JAPAN</b> <b>NEMURO</b> 47420 SEP 2004 4320N 14535E OB 2								
030	24100	3	-53.1		3	38	315	1	030	24093	0	-53.8						030	24089	1	-53.7		2	10	360	1
050	20835	2	-56.2		3	82	258	5	050	20841	0	-57.3		0	71	260	4	050	20838	1	-57.8		1	73	263	4
100	16478	0	-59.9		0	91	259	21	100	16531	0	-63.9		0	90	259	21	100	16532	0	-63.7		0	91	262	20
150	13935	0	-56.6		0	92	258	34	150	14024	0	-59.2		0	93	260	36	150	14030	0	-59.6		0	90	263	35
200	12093	0	-51.7		0	91	257	40	200	12196	0	-52.3		0	90	256	41	200	12205	0	-52.6		0	87	262	39
300	9390	0	-38.1	14.4	0	90	255	30	300	9477	0	-35.1	12.0	0	91	256	38	300	9492	0	-35.4	10.1	0	89	257	34
500	5706	0	-14.7	15.0	0	81	260	14	500	5749	0	-12.8	15.7	0	86	256	18	500	5755	0	-12.0	18.5	0	85	259	20
700	3078	0	1.0	13.5	0	68	268	8	700	3103	0	2.9	13.7	0	69	264	8	700	3103	0	3.2	13.9	0	75	265	10
850	1493	0	9.0	8.7	0	66	264	6	850	1509	0	10.2	9.6	0	36	254	3	850	1507	0	10.0	6.7	0	51	269	5
1014	* 11		17.3	5.0					1013	* 26		17.9	5.6					1012	* 39		15.6	1.9				
<b>ASIA - JAPAN</b> <b>AKITA</b> 47582 SEP 2004 3943N 14006E OB 2									<b>ASIA - JAPAN</b> <b>WAJIMA</b> 47600 SEP 2004 3723N 13654E OB 2									<b>ASIA - JAPAN</b> <b>TATENO</b> 47646 SEP 2004 3603N 14008E OB 2								
030	24078	0	-54.1		0	59	87	2	030	24071	3	-54.5		4	85	85	5	030	24067	5	-54.3		5	97	83	7
050	20840	0	-59.1		0	36	225	2	050	20840	2	-59.8		2	51	117	2	050	20839	5	-60.3		5	79	107	4
100	16592	0	-67.9		0	89	261	18	100	16628	0	-70.1		0	91	259	15	100	16651	0	-71.9		0	80	262	10
150	14131	0	-62.2		0	92	259	31	150	14184	0	-63.2		0	93	254	27	150	14225	0	-63.5		0	85	260	19
200	12319	0	-53.0		0	88	256	32	200	12373	0	-52.4		0	89	250	27	200	12417	0	-52.6		0	86	257	19
300	9592	0	-33.0	8.6	0	89	253	31	300	9636	0	-32.2	8.4	0	92	245	26	300	9680	0	-31.8	12.0	0	82	253	17
500	5814	0	-9.0	17.0	0	86	253	20	500	5841	0	-7.9	9.9	0	92	244	19	500	5876	0	-6.9	14.2	0	83	249	13
700	3135	0	5.2	14.4	0	84	253	12	700	3150	0	6.4	9.2	0	83	238	10	700	3173	0	7.8	8.0	0	73	244	8
850	1526	0	13.0	7.0	0	74	233	7	850	1529	0	15.0	6.7	0	74	224	7	850	1545	0	15.9	4.1	0	48	222	4
1015	* 7		20.8	4.3					1014	* 14		22.1	3.3					1013	* 31		22.3	3.0				

# UPPER AIR

# SEPTEMBER 2004

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - JAPAN</b> <b>YONAGO</b> 47744 SEP 2004 3526N 13321E OB 2								<b>ASIA - JAPAN</b> <b>SHIONOMISAKI</b> 47778 SEP 2004 3327N 13546E OB 2								<b>ASIA - JAPAN</b> <b>FUKUOKA</b> 47807 SEP 2004 3335N 13023E OB 2										
030	24065	3	-54.7		3	97	80	6	030	24058	3	-54.5		3	99	83	9	030	24046	3	-55.1		3	99	83	9
050	20836	1	-60.3		1	80	116	4	050	20838	1	-61.4		2	92	100	6	050	20825	3	-61.1		3	93	98	6
100	16645	0	-71.4		0	92	254	13	100	16675	0	-73.6		1	72	253	6	100	16660	0	-73.2		0	84	250	10
150	14212	0	-63.0		0	95	253	21	150	14259	0	-63.5		0	85	257	12	150	14236	0	-62.9		0	89	253	16
200	12397	0	-51.9		0	92	250	23	200	12448	0	-52.2		0	81	247	13	200	12421	0	-52.0		0	88	254	18
300	9656	0	-31.7	7.5	0	92	241	21	300	9703	0	-31.1	12.6	0	80	235	12	300	9676	0	-31.0	9.4	0	87	243	15
500	5853	0	-7.1	9.8	0	92	239	15	500	5889	0	-6.0	12.2	0	90	231	11	500	5860	0	-6.3	10.7	0	80	233	12
700	3154	0	7.3	7.0	0	80	231	9	700	3179	0	8.8	6.3	0	72	219	7	700	3154	0	8.3	10.6	0	66	220	7
850	1531	0	15.2	3.6	0	52	214	5	850	1546	0	16.6	3.6	0	43	194	3	850	1526	0	15.8	4.9	0	42	180	3
1014	* 8		23.1	3.2					1007	* 75		25.1	2.9					1013	* 15		24.2	4.2				
<b>ASIA - JAPAN</b> <b>KAGOSHIMA</b> 47827 SEP 2004 3133N 13033E OB 2								<b>ASIA - JAPAN</b> <b>MINAMIDAITOJIMA</b> 47945 SEP 2004 2550N 13114E OB 2								<b>ASIA - JAPAN</b> <b>CHICHIJIMA</b> 47971 SEP 2004 2705N 14211E OB 3										
030	24036	5	-54.6		5	99	84	11	030	23968	2	-55.9		2	99	84	16	030	23989	1	-55.4		1	99	86	15
050	20819	3	-61.3		4	96	100	8	050	20775	2	-63.3		2	99	94	12	050	20790	1	-62.1		1	98	93	12
100	16674	0	-74.6		0	54	243	4	100	16663	1	-76.0		1	92	80	8	100	16660	0	-75.6		0	86	76	9
150	14263	0	-63.4		0	70	247	8	150	14264	1	-64.2		1	44	46	4	150	14264	0	-65.0		0	51	71	7
200	12449	0	-51.6		0	66	257	10	200	12454	1	-51.8		1	31	16	3	200	12462	0	-52.8		0	32	77	5
300	9699	0	-30.9	9.9	0	64	231	7	300	9707	1	-31.3	12.5	1	11	127	1	300	9729	0	-32.0	16.6	0	37	115	4
500	5879	0	-5.8	10.7	0	71	212	9	500	5889	1	-5.2	13.9	1	57	145	6	500	5918	0	-5.4	19.2	0	67	108	5
700	3164	0	9.1	7.3	0	65	189	7	700	3158	0	10.3	9.0	0	66	134	7	700	3196	0	11.0	17.9	0	80	103	6
850	1528	0	16.9	4.4	0	58	150	6	850	1516	0	18.1	4.4	0	64	128	7	850	1554	0	17.9	4.0	0	84	105	7
1010	* 31		26.4	5.5					1009	* 20		26.7	3.0					1015	* 8		27.9	4.1				
<b>ASIA - JAPAN</b> <b>MINAMITORISHIMA</b> 47991 SEP 2004 2418N 15358E OB 3								<b>ASIA - THAILAND</b> <b>UBON RATCHATHANI</b> 48407 SEP 2004 1515N 10452E OB 1								<b>ASIA - THAILAND</b> <b>BANGKOK</b> 48455 SEP 2004 1344N 10034E OB 1										
030	23958	1	-56.3		1	99	85	18	030	23908	6	-56.6		7	98	90	12	030								
050	20768	1	-63.0		1	98	89	13	050	20720	3	-64.0		3	98	85	11	050	20719	7	-64.0					
100	16625	0	-74.0		0	79	73	9	100	16636	3	-78.7		3	97	75	19	100	16632	1	-79.4		1	99	80	21
150	14226	0	-65.6		0	42	61	7	150	14280	1	-65.6		1	87	70	12	150	14279	0	-66.5	9.9	0	90	65	14
200	12433	0	-54.0		0	26	51	4	200	12477	0	-51.1		0	76	60	9	200	12482	0	-51.5	8.9	0	87	55	11
300	9706	0	-32.4	14.0	0	50	56	5	300	9718	0	-28.8	8.6	0	87	55	7	300	9725	0	-28.8	7.9	0	93	75	7
500	5898	0	-5.3	16.9	0	80	70	6	500	5878	0	-4.1	6.4	0	61	90	3	500	5884	0	-4.2	5.9	0	69	75	3
700	3181	0	10.0	10.4	0	71	84	5	700	3152	0	10.2	6.0	0	19	275	1	700	3160	0	10.5	6.4	0	18	260	1
850	1542	0	17.7	5.2	0	88	88	6	850	1510	0	19.4	5.6	0	46	245	3	850	1516	0	19.3	6.0	0	40	245	3
1014	* 9		27.7	4.1					997	* 127		24.6	1.1					1011	* 20		25.5	2.0				



# 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>ASIA - CHINA</b> <b>HAILAR</b> 50527 SEP 2004 4913N 11945E OB 3									<b>ASIA - CHINA</b> <b>URUMQI</b> 51463 SEP 2004 4347N 08737E OB 3									<b>ASIA - CHINA</b> <b>BEIJING</b> 54511 SEP 2004 3956N 11617E OB 3								
030	24114	6	-49.8	8.6	9	83	245	5	030	24081	2	-52.2	9.9	3	75	292	3	030	24087	0	-52.6		0	75	98	3
050	20795	2	-52.5	7.7	3		256	9	050	20826	2	-58.6	8.9	3	89	287	8	050	20824	0	-57.3		0	75	247	3
100	16320	1	-53.0	7.2	2	94	261	15	100	16504	0	-60.4	7.4	1	96	279	25	100	16517	0	-62.8	20.2	0	91	266	20
150	13705	1	-53.0	6.8	2	90	262	19	150	13951	0	-55.4	8.2	0	95	276	38	150	13991	0	-57.1	18.0	0	92	273	33
200	11858	1	-54.7	5.8	2	79	267	19	200	12099	0	-51.5	8.1	0	93	275	37	200	12143	0	-50.9	17.4	0	90	271	36
300	9233	1	-45.6	6.0	2	70	272	19	300	9428	0	-41.7	8.1	0	96	276	22	300	9445	0	-39.2	15.9	0	81	274	22
500	5629	1	-18.8	7.2	2	71	283	12	500	5760	0	-14.6	10.9	0	93	284	13	500	5751	0	-13.7	20.9	0	64	276	9
700	3038	1	-3.1	5.3	2	64	281	7	700	3128	0	2.3	11.2	0	63	314	5	700	3113	0	2.8	19.4	0	56	286	5
850	1469	1	7.7	6.2	1	63	263	5	850	1528	0	12.8	11.8	0	40	3	2	850	1511	0	12.9	13.7	0	25	289	2
9999	* 611								912	* 919		12.6	8.9					1011	* 55		18.4	6.6				
<b>ASIA - CHINA</b> <b>KUNMING</b> 56778 SEP 2004 2501N 10241E OB 3									<b>ASIA - CHINA</b> <b>SHANGHAI</b> 58362 SEP 2004 3124N 12128E OB 3									<b>AFRICA - MADEIRA</b> <b>FUNCHAL</b> 08522 SEP 2004 3238N 01654W OB 3								
030	23925	4	-55.1		9	95	95	18	030	24009	6	-55.0		7		91	13	030	24015	3	-54.3		3	97	96	6
050	20729	3	-63.8		9	92	84	12	050	20801	4	-62.1		6		5	7	050	20783	1	-59.6		1	92	97	4
100	16669	2	-78.6		9	89	57	8	100	16659	2	-73.8		3	67	280	6	100	16527	0	-66.0		0	50	285	2
150	14289	2	-65.5		2	75	32	9	150	14239	1	-63.5	16.0	3	81	278	13	150	14056	0	-63.4		0	50	296	3
200	12485	1	-52.1	6.4	1	64	17	9	200	12423	1	-51.7	17.0	1	79	271	15	200	12269	0	-57.4		1	37	322	3
300	9727	0	-29.5	7.6	0	38	7	3	300	9671	0	-30.5	17.7	0	74	268	14	300	9602	0	-38.1	16.1	1	38	336	3
500	5881	0	-4.1	5.6	0	67	243	4	500	5848	0	-5.5	18.3	0	67	254	8	500	5872	0	-9.5	21.8	0	36	318	2
700	3154	0	9.2	3.2	0	43	208	3	700	3138	0	8.3	14.6	0	43	258	3	700	3189	0	7.5	23.3	0	11	294	1
813	*1892		16.4	2.7					850	1514	0	14.6	7.6	0	29	36	2	850	1567	0	13.8	10.9	0	60	43	2
									1013	* 4		23.4	3.6					1014	* 56		26.2	9.9				
<b>AFRICA - MOROCCO</b> <b>CASABLANCA</b> 60155 SEP 2004 3334N 00740W OB 1									<b>AFRICA - ALGERIA</b> <b>DAR-EL-BEIDA</b> 60390 SEP 2004 3643N 00315E OB 3									<b>AFRICA - ALGERIA</b> <b>BECHAR</b> 60571 SEP 2004 3137N 00214W OB 3								
030	24043				6	98	91	11	030									030								
050	20804				3	83	84	5	050									050	20814	3	-59.5		9	84	100	7
100	16534				2	64	257	4	100	16521	0	-62.5		3	61	270	5	100	16548	0	-67.5		9	71	270	7
150	14056				2	82	260	11	150	14029	0	-62.8		1	67	290	10	150	14089	0	-64.0		8	84	270	15
200	12269				2	64	253	11	200	12248	0	-58.5		0	62	300	11	200	12304	0	-57.5		7	80	270	14
300	9606				1	66	243	10	300	9593	0	-38.8	14.1	0	64	300	10	300	9637	0	-38.0	14.0	4	76	280	10
500	5880				1	69	243	7	500	5876	0	-10.7	19.0	0	69	310	8	500	5907	0	-10.1	17.3	5	76	270	6
700	3195				2	86	237	8	700	3203	0	7.0	17.9	0	51	300	4	700	3222	0	9.6	15.0	2	28	280	2
850	1557				2	41	231	2	850	1574	0	18.3	17.1	9	22	290	1	850	1574	0	23.1	22.8	3	36	150	2
1011	* 62		21.9	1.9					1016	* 25		25.9	7.8					927	* 773		29.4	25.1				

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND											
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED						
																											hPa	gpm	°C	°C	%	°
AFRICA - SENEGAL DAKAR/YOFF 61641 SEP 2004 1444N 01730W OB 3							AFRICA - OCEAN ISLANDS (UK) ST. HELENA IS. 61901 SEP 2004 1556S 00504W OB 3							AFRICA - OCEAN ISLANDS (FRANCE) MARTIN DE VIVIES (ILE AMSTER 61996 SEP 2004 3748S 07732E OB 2																		
030	23871	0	-57.4	31.4	0	91	90	13	030	23835	9	-56.8			9	64	89	5	030													
050	20691	0	-63.7	29.2	0	91	95	9	050	20650	8	-65.2			8	35	143	2	050	20639	5	-56.5			5	78	253	7				
100	16572	0	-76.4	12.5	0	47	135	4	100	16548	8	-75.0			8	90	287	9	100	16296	0	-60.6			0	94	256	24				
150	14205	0	-68.3	11.6	0	68	180	6	150	14151	8	-67.4			8	93	288	19	150	13755	0	-57.7			0	97	259	32				
200	12423	0	-54.3	12.7	0	39	185	3	200	12369	8	-55.1			8	94	286	20	200	11933	0	-57.4			0	93	256	33				
300	9694	0	-32.0	15.1	0	42	120	3	300	9657	8	-33.7	23.4		8	78	281	13	300	9318	0	-44.3			0	88	257	26				
500	5888	0	-7.1	11.8	0	93	100	9	500	5867	8	-6.6	41.5		8	37	322	3	500	5697	0	-17.5	20.2		2	84	262	19				
700	3188	0	9.9	10.8	0	96	100	14	700	3171	8	9.2	28.7		8	17	255	1	700	3098	0	-2.0	19.0		1	87	266	14				
850	1540	0	20.9	11.8	0	85	90	7	850	1533	8	17.0	29.2		8	69	110	5	850	1536	0	3.7	5.5		0	85	273	11				
1010	* 24		26.2	3.5					968	* 436		16.8	4.2						1019	* 29		12.9	3.3									
AFRICA - OCEAN ISLANDS (FRANCE) PORT-AUX-FRANCAIS (ILES KERG 61998 SEP 2004 4921S 07015E OB 2							AFRICA - ETHIOPIA ADDIS ABABA-BOLE 63450 SEP 2004 0902N 03845E OB 2							AFRICA - MADAGASCAR ANTANANARIVO/IVATO 67083 SEP 2004 1848S 04729E OB 1																		
030									030										030													
050	20366	1	-51.5		2	97	269	38	050	20650	3	-64.2			9	89	90	11	050	20640	1	-64.5			9	92	78	6				
100	15901	1	-54.4		1	98	267	41	100	16550	3	-77.3			8	89	95	15	100	16547	1	-76.0			9	63	272	5				
150	13302	1	-54.5		1	97	267	43	150	14210	3	-67.4			9	89	100	15	150	14152	0	-65.8			5	84	282	16				
200	11469	1	-56.2		1	95	266	43	200	12410	3	-54.0	17.9		8	80	100	12	200	12363	0	-54.0			2	82	279	19				
300	8878	1	-49.6		1	92	268	40	300	9674	3	-31.7	20.5		8	81	115	8	300	9640	0	-33.2	18.3		2	77	268	15				
500	5359	0	-25.3	14.8	1	94	271	30	500	5858	1	-6.9	6.4		8	66	95	7	500	5844	0	-6.5	22.3		3	45	268	5				
700	2840	0	-10.3	16.4	0	96	266	22	700	3147	0	11.0	7.7		4	71	170	6	700	3153	0	5.3	7.4		2	40	181	2				
850	1328	0	-4.8	5.7	0	94	267	15	772	*2354		20.8	8.2						850	1540	0	12.9	3.3		2	83	84	3				
1000	* 30		4.5	5.7															879	*1276		14.8	3.8									
AFRICA - MADAGASCAR FORT-DAUPHIN 67197 SEP 2004 2502S 04657E OB 3							AFRICA - SOUTH AFRICA IRENE 68263 SEP 2004 2555S 02813E OB 3							AFRICA - SOUTH AFRICA SPRINGBOK 68512 SEP 2004 2967S 01790E OB																		
030	23858	1	-56.3	31.4	1	88	93	12	030	23881	21	-55.0			9	99	106	10	030	23928	22	-54.9			9	99	102	9				
050	20662	1	-62.8	39.7	1	87	90	6	050	20671	7	-62.2			7	99	55	3	050	20681	12	-60.3			9	99	343	3				
100	16501	0	-70.5	26.6	0	89	282	14	100	16481	1	-68.7			2	99	279	12	100	16439	2	-66.2			2	99	272	18				
150	14057	0	-62.8	25.8	0	90	280	28	150	14017	1	-61.3			2	99	265	25	150	13953	2	-60.9			2	99	268	29				
200	12251	0	-53.9	24.9	0	88	280	32	200	12204	1	-53.8	20.8		2	99	262	29	200	12148	2	-55.9	14.9		2	99	265	34				
300	9554	0	-37.2	23.1	0	84	280	24	300	9517	0	-39.0	19.2		0	99	259	22	300	9485	2	-40.3	14.0		2	99	265	25				
500	5827	0	-10.3	35.6	0	71	278	9	500	5816	0	-11.8	25.3		0	99	262	11	500	5796	2	-12.4	25.5		2	99	274	13				
700	3156	0	5.7	31.0	0	51	303	4	700	3154	0	5.5	17.3		0	99	280	5	700	3140	2	5.2	31.7		2	99	282	6				
850	1545	0	13.8	12.5	0	62	347	4	850	1557	10	13.6	9.1		9	99	52	2	850	1531	2	13.6	21.1		2	99	92	1				
1017	* 9		23.0	5.1					852	*1523		13.3	9.4						905	*1007		12.0	14.7									

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
AFRICA - SOUTH AFRICA DE AAR 68538 SEP 2004 3065S 02400E OB 3									AFRICA - SOUTH AFRICA DURBAN INTNL. AIRPORT 68588 SEP 2004 2997S 03095E OB 3									AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 SEP 2004 3397S 01860E OB 3									
030	23895	17	-53.8						030	23910	10	-54.9	31.3	9	99	102	8	030	23898	21	-53.7						
050	20662	1	-60.5						050	20690	4	-60.1	30.1	8	99	3	3	050	20667	13	-58.4						
100	16411	0	-65.0		9	99	261	18	100	16438	2	-65.1	24.5	6	99	274	17	100	16369	4	-62.2			7	99	269	18
150	13917	0	-59.6		9	99	246	25	150	13940	2	-59.3	25.2	7	99	268	23	150	13853	3	-58.1			6	99	267	27
200	12102	0	-55.2	17.0	9	99	250	28	200	12117	2	-53.9	21.5	7	99	267	24	200	12036	3	-56.8	17.0		6	99	268	32
300	9445	0	-41.1	16.1	9	99	246	20	300	9453	2	-41.0	18.4	7	99	269	19	300	9400	1	-42.3	17.2		4	99	263	25
500	5775	0	-14.3	23.3	6	99	243	11	500	5781	1	-14.3	24.8	6	99	279	10	500	5745	1	-15.0	27.7		4	99	265	14
700	3137	0	3.2	21.1	1	99	282	5	700	3144	0	3.4	14.4	5	99	259	6	700	3115	1	1.8	27.0		4	99	270	6
850	1533	0	15.8	19.5	1	99	297	3	850	1541	0	12.3	10.9	5	99	217	4	850	1528	1	9.8	17.9		4	99	265	3
875	*1287		20.3	22.8					1018	* 14		16.2	3.2					1015	* 46		12.2	2.1					
AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 SEP 2004 3398S 02562E OB 3									AFRICA - SOUTH AFRICA GOUGH ISLAND 68906 SEP 2004 4021S 00953W OB 3									N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 SEP 2004 7118N 15647W OB 3									
030	23909	19	-53.1		9	99	87	2	030	23793	7	-53.5		7	91	290	19	030	23724	0	-55.1	21.3	0	89	268	6	
050	20669	7	-58.0		9	99	283	4	050	20537	2	-56.5		2	94	287	20	050	20452	0	-53.3	21.9	0	90	266	6	
100	16364	1	-62.4		6	99	269	18	100	16167	2	-58.5		2	95	276	26	100	15957	0	-50.1	22.3	1	84	273	6	
150	13839	1	-58.0		6	99	265	26	150	13608	2	-56.7		2	93	274	29	150	13302	0	-49.0	21.0	1	75	275	6	
200	12018	1	-55.9	18.8	3	99	262	29	200	11797	0	-57.3	16.9	2	85	274	34	200	11414	0	-49.3	17.4	0	58	274	6	
300	9377	1	-42.3	15.6	3	99	260	22	300	9184	0	-45.2	13.0	0	78	271	34	300	8788	0	-53.1	8.1	1	30	271	4	
500	5729	1	-15.5	20.8	2	99	267	14	500	5586	0	-20.0	14.1	0	80	278	22	500	5335	0	-30.0	8.1	0	35	278	4	
700	3106	1	1.7	22.4	2	99	277	9	700	3014	0	-4.6	19.3	0	78	283	15	700	2861	0	-14.6	7.4	1	23	335	2	
850	1518	1	8.9	12.3	2	99	251	5	850	1464	0	2.4	8.5	1	69	281	11	850	1370	0	-7.6	4.4	3	32	16	3	
1011	* 69		13.1	2.7					1010	* 54		10.3	3.3					1010	* 4		.2	2.0					
N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 SEP 2004 6652N 16238W OB 3									N AMERICA - USA (ALASKA) NOME 70200 SEP 2004 6430N 16526W OB 3									N AMERICA - USA (ALASKA) ANCHORAGE/INT. 70273 SEP 2004 6110N 15001W OB 3									
030	23838	2	-53.1	23.4	3	95	262	9	030	23894	1	-52.7	23.5	2	95	270	9	030	23943	1	-52.2	21.2	3	97	262	9	
050	20546	2	-52.6	23.5	2	94	265	9	050	20597	0	-52.3	23.4	1	95	269	9	050	20648	1	-53.2	20.9	3	94	264	9	
100	16038	0	-49.5	24.8	0	93	271	9	100	16090	0	-49.6	24.0	1	95	272	11	100	16150	0	-50.6	21.2	3	92	263	12	
150	13376	0	-48.3	24.1	1	90	272	9	150	13427	0	-48.2	23.2	2	93	278	11	150	13497	0	-49.0	20.9	3	89	265	13	
200	11481	0	-48.5	19.9	0	82	278	9	200	11530	0	-48.6	19.4	1	85	282	11	200	11608	0	-49.5	17.6	3	84	266	16	
300	8837	0	-50.8	8.7	0	55	283	8	300	8880	0	-49.0	8.1	0	74	295	14	300	8966	0	-48.9	5.9	1	76	261	18	
500	5368	0	-29.4	9.2	0	49	288	5	500	5385	0	-28.1	9.5	0	54	304	6	500	5439	0	-25.1	7.4	1	67	250	8	
700	2882	0	-12.7	12.2	1	45	286	3	700	2889	0	-12.3	6.4	0	57	323	4	700	2910	0	-8.7	6.1	2	50	251	4	
850	1379	0	-4.9	5.3	0	34	319	2	850	1383	0	-4.2	3.4	0	41	1	3	850	1383	1	-.4	4.9	2	5	339	1	
1009	* 5		5.4	5.5					1009	* 7		3.0	3.7					1002	* 40		5.6	3.2					

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND																
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED											
																											hPa	gpm	°C	°C	%	°	mps	hPa	gpm	°C	°C
<b>N AMERICA - USA (ALASKA)</b> <b>COLD BAY</b> 70316 SEP 2004 5512N 16243W OB 3									<b>N AMERICA - USA (ALASKA)</b> <b>YAKUTAT</b> 70361 SEP 2004 5931N 13940W OB 3									<b>N AMERICA - USA (ALASKA)</b> <b>SHEMYA AFB</b> 70414 SEP 2004 5243N 17406E OB 3																			
030					5		267	7	030	23968	2	-51.7	21.1	3	94	262	9	030																			
050					5		265	9	050	20666	2	-52.6	20.3	3	94	266	10	050																			
100					5		268	15	100	16179	0	-50.5	19.5	5	86	264	12	100																			
150					5		265	21	150	13540	0	-50.5	17.7	6	76	277	13	150																			
200					5		262	26	200	11663	0	-50.8	14.3	5	81	272	17	200	11835	9	-51.3			9	84	286	28										
300	9119	4	-44.9	6.0	4	78	261	23	300	9023	0	-48.3	7.0	1	76	263	19	300	9160	6	-43.2			6	76	282	23										
500	5531	4	-20.8	8.2	4	75	255	14	500	5483	0	-23.5	7.9	0	73	246	11	500	5558	5	-19.9	14.8		5	76	274	13										
700	2967	4	-5.6	8.6	5		253	8	700	2941	0	-8.0	5.5	0	48	225	5	700	2978	5	-4.1	9.3		5	68	279	8										
850	1423	4	1.3	1.7	4	48	272	5	850	1405	0	1.5	4.7	1	40	178	3	850	1422	5	3.5	4.8		6	66	277	7										
1008	* 31		8.8	1.8					1008	* 9		6.3	.9					1008	* 31		9.6	1.5															
<b>N AMERICA - USA</b> <b>KEY WEST/INT., FL.</b> 72201 SEP 2004 2433N 08145W OB									<b>N AMERICA - USA</b> <b>SHREVEPORT/REG., LA.</b> 72248 SEP 2004 3228N 09347W OB 2									<b>N AMERICA - USA</b> <b>NEWPORT, NC</b> 72305 SEP 2004 3447N 07653W OB 2																			
030	23980	2	-54.3	12.7	1	99	87	16	030	23971	1	-56.1	20.5	1	98	84	10	030	23996	0	-55.3	19.9	0	97	83	8											
050	20773	0	-62.3	9.1	0	99	84	14	050	20772	1	-62.4	17.1	1	94	89	8	050	20780	0	-61.5	16.0	2	95	74	7											
100	16635	0	-76.3	6.9	0	82	65	8	100	16606	1	-72.0	11.7	1	37	277	3	100	16596	0	-71.7	9.3	2	38	310	3											
150	14251	0	-65.4	8.4	0	12	298	1	150	14185	1	-63.7	14.1	1	57	271	9	150	14183	0	-65.5	9.1	2	63	272	10											
200	12445	0	-51.8	10.0	0	30	271	3	200	12373	1	-52.3	17.0	1	60	274	11	200	12389	0	-54.5	9.1	2	66	262	11											
300	9693	0	-30.6	13.5	0	25	279	2	300	9645	1	-33.7	17.1	1	60	268	8	300	9671	0	-33.4	11.1	1	57	237	8											
500	5872	0	-5.8	14.4	0	6	199	1	500	5866	1	-7.4	20.2	1	31	282	2	500	5882	0	-7.0	14.2	1	47	223	5											
700	3157	0	9.3	7.5	0	21	172	2	700	3166	0	8.1	16.1	0	11	53	1	700	3179	0	8.4	13.4	0	24	214	2											
850	1519	0	17.9	4.9	0	31	150	3	850	1541	0	15.5	5.3	0	38	75	2	850	1551	0	15.1	4.9	1	21	132	2											
1011	* 6		27.0	2.2					1006	* 79		20.6	3.6					1017	* 11		20.8	1.4															
<b>N AMERICA - USA</b> <b>NASHVILLE/OLD HICKORY, TN.</b> 72327 SEP 2004 3615N 08634W OB 3									<b>N AMERICA - USA</b> <b>STERLING, VA.</b> 72403 SEP 2004 3859N 07728W OB 3									<b>N AMERICA - USA</b> <b>NORTH PLATTE/LEE BIRD, NE.</b> 72562 SEP 2004 4108N 10041W OB 3																			
030	24080	1	-54.2	14.7	2	96	78	7	030	24035	1	-54.5	21.3	1	91	73	5	030	24042	1	-55.3	21.4	1	82	79	4											
050	20851	0	-59.9	12.2	1	90	81	5	050	20813	1	-61.0	19.1	1	80	55	4	050	20815	1	-59.2	19.3	1	32	136	1											
100	16625	1	-68.6	9.7	1	62	267	5	100	16583	0	-68.2	13.1	1	72	284	8	100	16529	1	-64.5	15.3	1	88	250	13											
150	14171	0	-62.1	10.8	1	74	258	13	150	14137	0	-63.2	12.5	0	75	272	14	150	14032	1	-59.5	15.0	1	86	251	19											
200	12354	0	-52.8	11.3	1	64	245	13	200	12333	0	-54.6	10.7	0	72	265	17	200	12210	1	-53.9	13.1	1	82	254	19											
300	9633	0	-34.0	14.3	0	46	242	7	300	9629	0	-35.2	12.1	0	65	259	12	300	9526	1	-37.9	12.9	1	78	247	15											
500	5858	0	-7.7	18.4	0	13	235	1	500	5864	0	-7.9	22.1	0	56	253	7	500	5806	1	-11.4	13.0	1	73	240	9											
700	3165	0	7.0	13.6	0	17	68	1	700	3174	0	6.6	13.2	0	17	261	2	700	3134	1	7.0	9.6	1	67	233	7											
850	1546	0	14.9	8.3	0	37	63	3	850	1559	0	13.3	7.5	0	20	48	2	850	1504	1	17.4	10.9	2	69	208	9											
997	* 180		17.3	1.8					1011	* 98		15.6	.9					918	* 849		13.8	3.9															

# UPPER AIR

# SEPTEMBER 2004

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> MEDFORD/MEDFORD- JACKSON COU 72597 SEP 2004 4222N 12252W OB 3									<b>N AMERICA - USA</b> CHANHASSEN, MN 72649 SEP 2004 4451N 09334W OB 2									<b>N AMERICA - USA</b> INT. FALLS/FALLS INT.MN. 72747 SEP 2004 4834N 09323W OB 3								
030	24069	0	-53.8	13.3	2	72	82	3	030	24047	3	-54.8	21.5	3	74	50	3	030	24069	0	-53.9	21.4	0	43	16	2
050	20815	0	-57.0	12.1	4	19	244	1	050	20816	2	-58.7	19.4	2	27	283	1	050	20814	0	-56.5	20.2	0	74	275	4
100	16469	0	-60.7	10.9	7	87	275	11	100	16502	2	-62.7	16.5	2	90	256	13	100	16447	0	-59.7	18.2	0	93	258	14
150	13935	0	-57.8	11.3	5	86	274	16	150	13997	2	-59.3	15.2	2	89	258	22	150	13905	0	-57.4	15.9	0	91	260	22
200	12109	0	-54.9	11.5	5	66	276	14	200	12180	1	-55.5	10.7	1	87	257	22	200	12080	0	-55.6	10.2	0	89	260	24
300	9443	0	-40.0	13.5	1	57	282	14	300	9511	1	-38.5	11.4	1	72	250	17	300	9421	0	-39.9	9.0	0	82	258	20
500	5753	0	-13.1	13.7	0	73	287	11	500	5790	1	-11.1	15.9	1	77	253	12	500	5728	0	-13.2	12.3	0	81	260	14
700	3104	0	3.7	16.9	0	57	282	6	700	3125	1	4.8	14.1	1	68	244	9	700	3085	1	2.8	10.9	0	75	247	10
850	1505	0	10.7	6.8	0	27	301	1	850	1517	1	13.4	9.7	1	67	236	8	850	1485	0	11.8	8.1	0	70	247	8
970	* 405		12.0	4.4					982	* 287		14.5	2.5					972	* 361		11.1	1.3				
<b>N AMERICA - USA</b> BISMARCK/MUN.,ND. 72764 SEP 2004 4646N 10045W OB 3									<b>N AMERICA - CANADA</b> NORMAN WELLS UA, N.W.T. 71043 SEP 2004 6517N 12645W OB 3									<b>N AMERICA - CANADA</b> HALL BEACH UA,N.W.T. 71081 SEP 2004 6846N 08113W OB 3								
030	24078	0	-53.6	15.6	1	37	65	1	030	23925	0	-52.2	27.0	9	96	256	10	030	23936	1	-52.1	28.6	3	92	263	8
050	20820	0	-56.3	14.3	2	64	257	3	050	20615	0	-51.9	26.6	8	94	255	9	050	20628	1	-51.2	29.2	2	88	262	7
100	16456	0	-59.9	11.8	3	91	250	12	100	16099	0	-49.4	26.5	8	89	258	10	100	16101	1	-48.7	30.1	1	83	264	8
150	13913	0	-57.4	11.1	3	87	248	20	150	13435	0	-48.8	24.3	8	85	262	12	150	13431	0	-48.0	27.7	2	81	268	9
200	12091	0	-55.8	9.6	2	80	251	23	200	11549	0	-50.1	16.2	7	80	266	12	200	11535	0	-48.8	21.3	1	75	268	11
300	9431	0	-39.6	9.0	1	71	238	19	300	8929	0	-51.3	5.8	8	61	272	10	300	8903	0	-49.5	7.7	3	61	271	11
500	5736	0	-13.3	10.6	1	79	245	13	500	5431	0	-26.3	7.0	7	68	272	7	500	5375	0	-25.5	11.3	1	58	275	7
700	3087	0	3.8	9.1	2	73	240	8	700	2917	0	-10.4	4.3	8	54	264	4	700	2862	0	-11.4	9.6	2	45	276	4
850	1480	0	13.2	10.5	2	37	226	3	850	1396	0	-1.5	5.4	5	36	241	3	850	1357	0	-5.8	4.5	1	35	306	3
954	* 506		11.3	2.8					1002	* 95		1.1	3.7					1007	* 6		-.4	1.7				
<b>N AMERICA - CANADA</b> ALERT UA, N.W.T. 71082 SEP 2004 8230N 06220W OB 3									<b>N AMERICA - CANADA</b> PORT HARDY UA,B.C. 71109 SEP 2004 5041N 12722W OB 3									<b>N AMERICA - CANADA</b> EDMONTON STONY PLAIN, ALTA 71119 SEP 2004 5332N 11406W OB 3								
030	23818	0	-54.1	25.7	0	85	246	6	030	24087	0	-51.1	27.5	0	80	258	5	030	24080	1	-51.1	26.0	3	83	264	5
050	20528	0	-52.2	26.6	1	75	232	5	050	20789	0	-53.8	25.8	0	92	268	7	050	20777	1	-53.1	24.5	2	91	260	8
100	16004	0	-48.4	27.7	0	84	215	7	100	16357	0	-55.2	22.2	0	89	275	13	100	16316	1	-53.7	23.2	1	93	262	13
150	13325	0	-46.7	27.4	0	82	210	8	150	13771	0	-55.3	18.0	0	85	281	18	150	13701	0	-52.6	20.6	1	89	260	17
200	11414	0	-46.1	24.0	1	78	207	10	200	11932	0	-54.6	12.8	0	80	283	22	200	11843	0	-53.6	13.1	2	81	265	21
300	8741	0	-50.0	8.5	1	72	213	15	300	9290	0	-42.9	7.5	0	78	279	21	300	9213	0	-45.1	7.2	2	65	265	18
500	5278	0	-30.7	7.1	0	77	210	9	500	5642	0	-16.8	10.1	0	78	272	14	500	5603	0	-18.6	11.2	2	74	268	12
700	2818	0	-16.2	6.4	0	69	213	5	700	3040	0	-2.3	9.4	0	68	273	8	700	3014	0	-3.3	5.0	2	76	270	8
850	1336	0	-9.8	5.7	0	44	214	3	850	1475	0	4.8	4.9	0	40	250	3	850	1450	0	6.2	7.3	1	33	282	3
1006	* 65		-11.0	2.2					1013	* 17		10.6	1.8					924	* 766		6.3	2.4				

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>N AMERICA - CANADA</b> <b>SABLE ISLAND, N.S.</b> 71600 SEP 2004 4356N 06001W OB 3									<b>N AMERICA - CANADA</b> <b>YARMOUTH, N.S.</b> 71603 SEP 2004 4352N 06606W OB 3									<b>N AMERICA - CANADA</b> <b>MANIWAKI, QUE.</b> 71722 SEP 2004 4623N 07558W OB 3								
030	24071	0	-53.3	26.7	0	14	99	1	030	24063	0	-53.7	24.0	4	35	32	2	030	24071	0	-54.1	25.9	1	55	35	3
050	20811	0	-57.2	25.3	0	44	299	2	050	20813	0	-57.8	22.4	2	63	326	3	050	20825	0	-58.1	23.8	1	68	317	4
100	16480	0	-62.4	19.6	0	83	292	12	100	16502	0	-63.3	17.5	2	84	297	12	100	16501	0	-62.0	19.1	1	86	285	15
150	13971	0	-60.7	16.3	1	79	291	19	150	14007	0	-61.1	14.1	3	80	288	21	150	13983	0	-59.6	15.8	1	84	279	23
200	12160	0	-55.2	13.3	0	75	293	23	200	12204	0	-55.9	10.5	1	76	291	25	200	12176	1	-56.3	11.0	1	79	276	26
300	9477	0	-37.8	11.0	0	75	291	20	300	9521	0	-37.2	11.9	0	74	288	21	300	9502	0	-38.2	13.2	0	78	279	21
500	5755	0	-11.4	16.4	0	77	287	15	500	5789	0	-11.1	16.2	0	80	291	16	500	5784	0	-11.7	16.1	0	81	284	14
700	3102	0	2.7	15.1	0	69	287	10	700	3127	0	3.6	17.0	0	68	294	9	700	3130	0	2.9	14.2	0	76	289	10
850	1511	0	9.1	10.8	0	65	288	8	850	1531	0	9.7	14.4	0	52	296	5	850	1536	0	10.0	11.0	0	61	290	6
1018	* 4		16.1	4.5					1015	* 9		13.2	1.2					998	* 173		9.9	.7				
<b>N AMERICA - CANADA</b> <b>ST. JOHN'S UA,NFLD</b> 71801 SEP 2004 4737N 05245W OB 3									<b>N AMERICA - CANADA</b> <b>SEPT-ILES UA,QUE.</b> 71811 SEP 2004 5013N 06615W OB 3									<b>N AMERICA - CANADA</b> <b>STEPHENVILLE UA,NFLD</b> 71815 SEP 2004 4834N 05834W OB 3								
030	24063	4	-53.7	24.6	4	14	315	1	030	24053	2	-53.5	25.3	1	61	347	3	030	24047	0	-53.2	29.9	0	31	329	1
050	20800	3	-55.8	23.6	3	64	272	3	050	20787	2	-55.9	24.5	1	75	303	5	050	20778	0	-55.7	28.0	0	56	295	3
100	16416	3	-58.7	20.3	3	87	279	12	100	16394	2	-57.5	22.8	1	83	290	15	100	16394	0	-58.5	24.1	0	86	286	14
150	13843	3	-57.5	17.4	4	81	275	21	150	13828	2	-56.1	20.5	1	84	286	26	150	13841	0	-56.8	20.5	0	81	281	23
200	12025	3	-53.0	13.4	4	79	280	26	200	11992	1	-54.1	14.4	0	82	287	32	200	12005	1	-53.8	13.7	0	80	281	30
300	9345	3	-39.5	11.9	2	77	275	25	300	9327	1	-41.2	12.2	0	78	288	29	300	9329	0	-40.3	11.2	1	74	283	26
500	5674	2	-15.0	14.1	1	81	276	17	500	5664	1	-15.3	15.7	0	82	293	19	500	5655	0	-14.9	15.7	0	76	286	18
700	3048	1	-.4	12.2	1	78	276	11	700	3052	1	-2.0	12.0	0	74	290	11	700	3037	0	-.9	16.1	0	70	294	12
850	1472	1	6.5	7.4	1	72	278	9	850	1486	1	5.1	7.5	0	67	301	8	850	1469	0	5.0	8.5	0	56	293	8
997	* 140		12.3	2.6					1012	* 53		7.0	2.5					1013	* 60		11.8	3.4				
<b>N AMERICA - CANADA</b> <b>GOOSE UA,NFLD.</b> 71816 SEP 2004 5318N 06022W OB 3									<b>N AMERICA - CANADA</b> <b>LA GRANDE IV,QUE.</b> 71823 SEP 2004 5345N 07340W OB 3									<b>N AMERICA - CANADA</b> <b>MOOSONEE,ONT.</b> 71836 SEP 2004 5116N 08039W OB 3								
030	24047	0	-52.8	26.1	0	50	325	2	030	24060	1	-52.9	24.0	2	75	316	4	030	24076	1	-53.2	25.1	8	62	330	3
050	20765	0	-54.3	25.4	0	82	297	5	050	20778	1	-54.4	23.6	2	85	297	6	050	20809	1	-55.9	24.1	9	86	288	6
100	16316	0	-53.6	25.6	1	86	284	13	100	16345	1	-54.5	22.9	1	90	282	16	100	16411	0	-57.2	21.9	8	91	277	16
150	13708	0	-52.8	23.8	0	85	284	23	150	13744	1	-53.3	22.1	1	91	282	26	150	13847	0	-56.1	18.7	8	89	276	25
200	11843	0	-51.0	19.1	1	81	287	28	200	11896	0	-52.5	16.9	0	87	284	31	200	12014	0	-54.5	13.5	8	86	276	30
300	9177	0	-43.7	10.7	0	78	284	27	300	9241	0	-43.3	9.7	0	87	285	30	300	9354	0	-40.7	10.9	7	83	276	28
500	5563	0	-19.2	13.1	0	77	293	18	500	5612	0	-17.6	12.4	0	86	282	19	500	5683	0	-14.7	15.6	7	85	271	20
700	2982	0	-4.3	13.3	0	80	304	13	700	3015	0	-3.3	8.8	0	82	281	13	700	3059	0	.2	13.0	7	84	275	13
850	1434	0	1.0	6.2	0	66	300	8	850	1459	0	2.9	4.6	0	73	267	9	850	1483	0	6.4	6.9	7	76	266	9
1008	* 36		7.9	5.5					979	* 307		6.7	1.8					1016	* 10		10.0	1.5				

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - CANADA PICKLE LAKE, ONT. 71845 SEP 2004 5127N 09012W OB 2									N AMERICA - CANADA THE PASS UA, MAN 71867 SEP 2004 5358N 10106W OB 3									N AMERICA - CANADA KUUJJUAQ, UA, QUE. 71906 SEP 2004 5807N 06825W OB 3								
030	24085	0	-52.9	25.3	0	42	317	2	030	24088	0	-52.1	26.8	0	66	270	4	030	24052	6	-51.8	24.7	6	81	289	5
050	20812	0	-55.3	23.8	0	86	272	5	050	20792	0	-53.5	25.9	0	87	265	7	050	20753	4	-52.4	24.8	5	90	290	7
100	16406	0	-57.0	21.2	0	93	267	16	100	16342	0	-53.4	24.6	0	92	259	16	100	16259	4	-51.2	24.6	4	90	287	13
150	13836	0	-55.6	18.3	0	92	265	25	150	13737	0	-52.9	21.2	0	89	257	21	150	13618	4	-50.0	23.4	4	88	286	18
200	12007	0	-56.1	10.7	2	88	264	28	200	11876	0	-53.7	13.8	0	87	255	26	200	11737	4	-50.4	18.7	4	88	290	23
300	9351	0	-40.9	7.3	0	80	267	25	300	9236	0	-43.4	10.0	0	77	255	23	300	9083	3	-45.7	9.7	4	81	285	23
500	5676	0	-14.8	9.6	0	83	264	18	500	5612	0	-17.9	10.6	0	84	263	14	500	5503	3	-21.7	9.5	4	82	285	14
700	3048	0	.9	12.3	0	77	267	12	700	3015	0	-2.2	7.5	0	75	264	9	700	2946	3	-6.7	11.7	3	73	284	10
850	1463	0	8.1	5.9	0	56	264	7	850	1447	0	6.2	5.9	0	42	273	4	850	1414	3	-1.7	3.3	3	57	278	7
968	* 389		9.0	.8					980	* 274		8.6	1.6					1008	* 60		4.9	3.0				
N AMERICA - CANADA INUKJUAQ, QUE 71907 SEP 2004 5827N 07807W OB 3									N AMERICA - CANADA IQALUIT, N.W.T. 71909 SEP 2004 6345N 06833W OB 3									N AMERICA - CANADA CHURCHILL UA, MAN. 71913 SEP 2004 5844N 09405W OB 3								
030	24042	3	-51.7	25.7	2	87	283	6	030	23981	0	-52.0	27.5	3	87	274	7	030	24050	2	-52.1	26.0	4	90	276	7
050	20743	2	-52.5	25.6	1	90	284	8	050	20676	0	-51.9	27.5	3	86	267	7	050	20746	1	-52.4	26.3	2	90	273	9
100	16253	2	-50.9	26.0	1	91	281	14	100	16159	0	-49.2	28.4	3	86	281	9	100	16258	1	-51.5	26.2	3	91	267	14
150	13611	2	-49.8	24.8	1	90	278	20	150	13495	0	-48.3	26.5	2	82	276	11	150	13621	1	-50.5	24.5	3	92	266	19
200	11733	2	-50.1	20.2	2	91	278	26	200	11601	0	-48.4	21.5	2	77	281	12	200	11733	2	-50.7	18.6	3	89	263	24
300	9072	2	-45.6	10.5	2	87	279	26	300	8953	0	-48.1	9.0	3	51	277	11	300	9096	0	-46.0	8.4	2	85	268	26
500	5501	1	-21.1	14.9	1	81	278	14	500	5409	0	-23.9	12.1	3	50	285	7	500	5523	0	-22.0	12.9	1	78	282	13
700	2938	1	-6.2	12.3	1	67	278	9	700	2882	0	-9.5	9.9	1	49	300	5	700	2964	0	-5.7	10.2	0	68	291	8
850	1400	1	-.2	6.5	1	45	279	5	850	1363	0	-4.0	3.8	1	34	316	3	850	1420	0	1.4	6.6	0	53	292	6
1009	* 6		4.0	1.5					1005	* 34		1.9	1.5					1009	* 29		4.2	1.1				
N AMERICA - CANADA CORAL HARBOUR UA, N.W.T. 71915 SEP 2004 6412N 08322W OB 3									N AMERICA - CANADA EUREKA UA, N.W.T. 71917 SEP 2004 7959N 08556W OB 3									N AMERICA - CANADA RESOLUTE UA, N.W.T. 71924 SEP 2004 7442N 09458W OB 3								
030	23978	2	-52.0	29.5	3	91	266	8	030	23811	0	-53.7	28.5	3	87	234	6	030	23847	2	-53.1	24.4	2	92	249	7
050	20673	2	-51.8	29.4	2	91	269	9	050	20514	0	-51.7	29.4	1	88	225	5	050	20543	2	-51.4	24.3	1	91	247	7
100	16162	2	-49.7	29.5	2	86	269	10	100	15981	0	-47.8	30.7	1	86	217	6	100	16007	1	-48.3	23.7	1	90	245	8
150	13502	2	-48.9	28.3	2	86	271	13	150	13295	0	-46.2	30.0	0	84	213	7	150	13327	1	-47.1	23.4	1	86	244	9
200	11614	2	-50.0	19.7	2	82	273	15	200	11380	0	-45.7	26.4	0	77	214	8	200	11421	1	-47.2	19.7	1	79	246	10
300	8981	2	-48.9	7.1	3	76	280	15	300	8707	1	-50.9	7.4	2	66	221	12	300	8778	1	-51.4	6.3	1	66	249	13
500	5440	2	-23.7	9.1	2	70	295	9	500	5250	0	-31.7	6.6	0	65	216	8	500	5303	1	-29.1	6.6	0	66	261	9
700	2906	2	-9.2	10.2	2	55	305	6	700	2802	0	-17.7	4.8	0	58	203	5	700	2825	1	-15.1	6.0	0	49	268	5
850	1384	2	-3.1	5.4	2	35	315	4	850	1329	0	-11.0	4.6	0	38	168	2	850	1337	1	-9.0	3.1	0	29	293	3
1002	* 57		.6	1.8					1008	* 10		-7.8	3.0					1001	* 40		-5.4	2.7				

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>N AMERICA - CANADA</b> CAMBRIDGE BAY UA, N.W.T. 71925 SEP 2004 6908N 10504W OB 3									<b>N AMERICA - CANADA</b> BAKER LAKE UA, N.W.T. 71926 SEP 2004 6419N 09600W OB 3									<b>N AMERICA - CANADA</b> FORT SMITH UA, N.W.T. 71934 SEP 2004 6002N 11156W OB 3								
030	23910	1	-52.1	29.2	0	89	257	9	030	23977	1	-51.9	28.1	0	95	257	9	030	24014	1	-51.0	27.9	1	94	257	9
050	20599	1	-51.0	29.6	1	92	263	8	050	20669	1	-51.8	27.5	1	92	264	8	050	20701	0	-52.0	27.1	1	95	264	9
100	16069	1	-48.8	30.3	0	91	259	10	100	16150	1	-49.3	27.0	1	90	261	10	100	16199	0	-50.5	27.1	0	93	262	12
150	13398	0	-47.8	28.7	0	91	258	11	150	13488	1	-48.5	25.7	1	87	260	13	150	13551	0	-50.0	25.2	0	92	264	16
200	11503	0	-48.8	21.1	0	88	259	12	200	11597	1	-49.1	19.5	0	82	259	13	200	11663	0	-50.4	18.8	0	91	265	19
300	8879	0	-51.5	5.9	0	68	260	11	300	8963	2	-49.4	6.8	2	66	255	11	300	9033	0	-47.9	8.9	0	84	269	21
500	5382	0	-26.6	8.3	0	70	282	8	500	5437	1	-24.6	8.6	0	67	271	8	500	5490	0	-23.6	11.3	0	84	268	13
700	2875	0	-11.6	7.6	0	59	295	6	700	2905	1	-9.1	6.7	1	62	275	6	700	2947	0	-7.2	11.3	0	74	275	9
850	1366	0	-5.1	5.4	0	41	320	4	850	1382	1	-2.5	5.0	1	41	273	4	850	1409	0	.6	5.8	0	55	273	5
1007	* 26		-1.9	2.1					1008	* 50		1.7	1.7					986	* 203		3.1	2.0				
<b>N AMERICA - CANADA</b> FORT NELSON UA, B.C. 71945 SEP 2004 5850N 12236W OB 3									<b>N AMERICA - CANADA</b> INUUVIK UA, N.W.T. 71957 SEP 2004 6819N 13332W OB 3									<b>N AMERICA - CANADA</b> WHITEHORSE, UA, Y.T. 71964 SEP 2004 6042N 13504W OB 3								
030	24022	1	-51.0	29.8	3	95	255	9	030	23874	3	-52.8	30.3	2	94	247	9	030	23955	1	-51.5	30.3	2	93	261	9
050	20708	0	-52.4	29.5	4	97	261	9	050	20567	3	-51.5	30.6	2	96	254	9	050	20648	1	-53.0	29.6	1	88	260	9
100	16218	0	-51.6	29.6	0	95	263	13	100	16040	4	-49.2	30.4	2	91	255	10	100	16152	1	-51.1	29.0	2	86	271	12
150	13577	0	-50.4	27.9	0	93	267	17	150	13373	4	-48.1	27.9	2	87	253	11	150	13507	1	-49.4	26.7	1	89	269	15
200	11702	0	-51.1	19.8	0	89	269	20	200	11482	3	-49.4	18.0	2	79	254	12	200	11627	1	-51.1	18.4	1	85	268	19
300	9073	0	-48.1	7.7	1	80	265	22	300	8863	3	-52.4	4.6	2	58	247	11	300	9000	1	-49.1	7.6	2	74	267	18
500	5519	0	-22.6	11.6	0	81	265	12	500	5392	1	-27.5	7.0	1	68	249	8	500	5464	0	-24.5	11.0	0	68	258	9
700	2971	0	-7.5	5.1	0	59	278	6	700	2891	1	-11.9	6.5	1	57	257	5	700	2934	0	-9.0	6.3	0	65	243	7
850	1431	0	2.3	7.2	0	40	284	3	850	1382	1	-4.0	5.4	1	40	264	3	850	1404	0	.4	5.0	0	53	176	4
967	* 378		3.7	2.8					1003	* 103		.3	1.9					927	* 704		2.3	3.0				
<b>N AMERICA - JAMAICA</b> KINGSTON/NORMAN MANLEY 78397 SEP 2004 1756N 07647W OB 3									<b>N AMERICA - COSTA RICA</b> JUAN SANTAMARIA 78762 SEP 2004 1000N 08413W OB 2									<b>N AMERICA - ST. MAARTEN, ST. EUST., SABA</b> JULIANA AIRPORT, ST. MAARTEN 78866 SEP 2004 1803N 06307W OB 2								
030									030	23877	6	-57.3		6	93	91	9	030	23940	1	-56.4		1	97	92	13
050									050	20689	2	-59.1		2	80	73	7	050	20747	1	-63.2		1	92	94	11
100									100	16564	2	-76.5		2	60	96	4	100	16603	1	-74.4		1	67	58	3
150									150	14200	2	-69.0		2	56	50	6	150	14238	1	-67.3		1	42	313	5
200									200	12416	2	-54.3		2	60	66	6	200	12437	1	-53.7		1	20	282	2
300	9693	19	-30.8	10.9					300	9680	2	-31.4	9.7	2	75	92	6	300	9700	1	-31.8	10.1	1	42	189	3
500									500	5868	2	-6.4	4.4	3	89	110	7	500	5883	1	-6.2	15.1	1	45	115	2
700	3158	16	9.9	11.1					700	3153	1	10.6	5.7	1	92	95	7	700	3204	1	9.4	5.3	1	67	92	
850	1517	16	18.1	4.3					850	1508	1	18.8	4.8	1	92	93	7	850	1551	1	18.3	4.5	1	59	126	4
1011	* 14		27.2	5.2					909	* 939		20.0	3.1					1014	* 9		27.5	3.7				



# UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED					
																											hPa	gpm	° C	° C	%
<b>N AMERICA - TRINIDAD AND TOBAGO</b> PIARCO INT. AIRPORT, TRINIDAD 78970 SEP 2004 1037N 06121W OB 2									<b>N AMERICA - CURACAO AND BONAIRE</b> HATO AIRPORT, CURACAO 78988 SEP 2004 1212N 06858W OB 3									<b>S AMERICA - BRAZIL</b> BELEM (AEROPORTO) 82193 SEP 2004 0123S 04829W OB 2													
030	23931	14	-57.6		9	81	110	9	030	23886	5	-57.5		5	97	88	10	030													
050	20751	10	-63.5		9	66	80	6	050	20701	2	-63.9		2	92	87	7	050	20740	9	-61.7	22.2	9	63	270	5					
100	16619	7	-75.1		7	28	135	3	100	16584	0	-75.8		0	56	58	5	100	16598	5	-76.9	13.4	6	18	31	2					
150	14240	5	-66.9		5	21	105	3	150	14217	0	-67.3		0	51	44	7	150	14225	4	-67.1	14.9	4	76	266	7					
200	12447	3	-53.2		3	35	65	5	200	12427	0	-53.4		0	33	36	4	200	12433	3	-53.3	16.7	3	31	268	2					
300	9704	1	-30.9	12.3	1	69	120	7	300	9688	0	-31.1	11.4	0	27	139	2	300	9690	3	-31.1	22.0	3	59	67	5					
500	5884	0	-5.4	13.9	0	61	115	5	500	5867	0	-5.9	11.4	2	69	116	5	500	5873	3	-5.9	23.3	3	88	80	7					
700	3169	0	9.3	8.2	0	60	145	6	700	3155	0	9.9	7.9	0	68	116	5	700	3166	3	8.2	9.6	3	99	114	10					
850	1528	0	18.8	6.9	0	29	105	3	850	1511	0	19.5	6.6	0	82	129	6	850	1527	3	19.0	5.7	3	98	112	9					
1011	* 15		27.5	2.9					1004	* 62		27.4	2.8					1011	* 16		27.4	2.8									
<b>S AMERICA - BRAZIL</b> MANAUS (AEROPORTO) 82332 SEP 2004 0309S 05959W OB 2									<b>S AMERICA - BRAZIL</b> FORTALEZA 82397 SEP 2004 0346S 03836W OB									<b>S AMERICA - BRAZIL</b> NATAL (AEROPORTO) 82599 SEP 2004 0555S 03515W OB 2													
030	23945	10	-57.3	25.1	9	88	271	7	030									030													
050	20747	8	-62.5	20.4	8	83	278	8	050	20665	11	-65.1						050													
100	16602	5	-75.8	9.5	5	20	79	2	100	16558	5	-76.7		9	11	122	1	100	16600	15	-76.7	11.7	9	33	245	3					
150	14232	4	-67.9	9.8	5	61	268	6	150	14192	5	-68.3		5	78	273	9	150	14224	13	-67.2	12.4	9	92	280	12					
200	12441	3	-53.6	11.3	3	33	285	3	200	12409	4	-54.4		4	42	310	4	200	12434	12	-53.7	14.6	9	71	296	8					
300	9701	3	-31.3	11.3	3	25	89	2	300	9679	3	-32.3	26.0	4	68	46	7	300	9699	10	-31.9	18.1	9	88	37	7					
500	5883	3	-6.1	15.3	3	93	97	7	500	5870	3	-5.8	34.4	4	81	97	7	500	5880	10	-5.5	25.4	9	86	90	6					
700	3175	3	8.3	6.2	3	94	93	8	700	3165	3	8.9	19.4	4	95	93	9	700	3171	10	9.0	15.4	9	93	104	7					
850	1538	3	18.1	2.4	3	99	81	9	850	1534	3	15.9	8.0	4	99	125	12	850	1539	10	15.1	3.0	9	98	129	12					
1004	* 84		26.5	2.9					1012	* 26		27.3	6.1					1011	* 52		28.0	4.7									
<b>S AMERICA - BRAZIL</b> FLORIANO 82678 SEP 2004 0646S 04301W OB 2									<b>S AMERICA - BRAZIL</b> CAROLINA 82765 SEP 2004 0720S 04728W OB 2									<b>S AMERICA - BRAZIL</b> RECIFE (CURADO) 82900 SEP 2004 0803S 03455W OB 2													
030									030									030	23823	7	-59.2		9	72	272	7					
050	20673	3	-64.1		3	69	269	6	050	20681	2	-64.0		4	71	258	6	050	20665	4	-65.1		6	73	261	6					
100	16557	3	-77.3		3	29	268	3	100	16569	1	-77.2		3	31	296	3	100	16558	2	-77.1		5	57	277	4					
150	14188	2	-67.9		2	88	276	12	150	14200	1	-68.0		3	92	278	12	150	14185	2	-68.1		5	93	271	14					
200	12406	2	-54.7		2	86	282	10	200	12418	1	-54.7		3	82	277	9	200	12403	2	-54.6		5	88	282	12					
300	9679	2	-32.3	24.2	3	50	341	4	300	9689	1	-32.2	22.7	3	56	324	5	300	9679	2	-32.7	27.1	5	50	341	5					
500	5873	2	-6.3	36.7	3	69	87	6	500	5884	1	-5.5	39.9	3	73	97	6	500	5873	1	-5.7	43.7	5	67	103	5					
700	3166	2	8.3	15.7	3	86	152	6	700	3178	1	7.3	10.3	2	92	121	6	700	3168	1	8.3	20.6	7	64	95	4					
850	1537	2	16.8	8.5	3	97	100	10	850	1546	1	18.7	10.7	2	95	80	9	850	1543	1	14.3	5.8	6	84	130	7					
1001	* 123		28.9	11.6					993	* 192		26.8	6.3					1016	* 7		26.8	4.6									

# 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					
																											hPa	gpm	°C	°C	%
S AMERICA - BRAZIL ALTA FLORESTA (AEROPORTO) 82965 SEP 2004 0952S 05606E OB /									S AMERICA - BRAZIL VILHENA (AEROPORTO) 83208 SEP 2004 1244S 06008W OB 2									S AMERICA - BRAZIL SALVADOR 83229 SEP 2004 1301S 03831W OB 2													
030	23824	7	-58.6		9	82	253	7	030	23824	14	-58.7		9	33	263	2	030													
050	20646	3	-63.7		5	83	275	8	050	20640	7	-64.4		8	83	278	8	050													
100	16536	3	-76.5		4	39	265	4	100	16541	6	-75.8		7	40	248	3	100	16548	7	-75.6		8	63	275	5					
150	14163	2	-68.1		3	60	262	8	150	14165	6	-67.7		7	48	236	6	150	14163	6	-67.5		7	88	269	12					
200	12384	2	-55.1		3	64	260	7	200	12383	6	-54.8		7	32	218	5	200	12382	5	-55.3		5	94	279	16					
300	9664	2	-33.0	16.3	3	38	255	3	300	9660	6	-33.0	21.4	7	29	158	3	300	9667	4	-33.5	20.2	6	77	282	10					
500	5869	2	-6.2	20.8	2	67	70	4	500	5868	6	-7.2	20.7	7	40	62	2	500	5878	4	-6.7	38.6	5	83	105	5					
700	3167	2	7.6	10.1	2	94	88	9	700	3168	6	8.0	11.1	8	85	62	6	700	3170	3	8.9	40.4	4	77	103	5					
850	1531	2	19.6	10.4	2	89	83	6	850	1530	6	20.2	11.6	8	79	36	4	850	1553	3	13.0	7.0	3	85	112	5					
980	* 288		21.0	1.1					946	* 652		21.9	3.5					1013	* 51		25.6	2.7									
S AMERICA - BRAZIL BOM JESUS DA LAPA 83288 SEP 2004 1316S 04325W OB 2									S AMERICA - BRAZIL CUIABA (AEROPORTO) 83362 SEP 2004 1539S 05606W OB									S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 SEP 2004 1552S 04756W OB 3													
030									030	23833	8	-58.6		9	1	246	1	030													
050	20652	4	-63.9		9	75	247	6	050	20662	7	-63.2		9	73	268	6	050	20661	2	-64.0										
100	16538	2	-76.0		6	56	266	5	100	16554	3	-75.7		7	65	242	6	100	16550	2	-75.5										
150	14161	2	-67.5		6	73	264	10	150	14172	2	-67.3		5	52	240	6	150	14165	2	-67.1										
200	12377	2	-55.2		4	90	270	13	200	12389	2	-55.0		3	36	244	5	200	12383	2	-55.5										
300	9667	2	-33.7	27.0	2	67	280	7	300	9673	1	-33.5	24.4	1	28	239	4	300	9674	2	-34.1	26.9									
500	5880	2	-6.8	38.6	3	57	90	4	500	5886	1	-7.1	26.5	3	23	33	2	500	5890	2	-6.7	38.9									
700	3175	2	8.8	25.6	3	60	127	5	700	3189	1	8.0	12.7	3	77	57	5	700	3191	2	8.5	23.7									
850	1546	2	17.0	14.7	3	90	111	6	850	1547	1	20.6	14.7	3	51	43	3	850	1555	2	18.6	15.3									
966	* 440		25.1	9.0					993	* 182		24.7	8.7					899	*1061		23.3	12.7									
S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 SEP 2004 2028S 05440W OB 2									S AMERICA - BRAZIL TRINDADE (ILHA) 83650 SEP 2004 2030S 02919W OB 2									S AMERICA - BRAZIL GALEAO 83746 SEP 2004 2249S 04315W OB 2													
030	23833	12	-57.3		9	43	310	3	030									030	23839	11	-56.5	15.1	9	38	45	2					
050	20657	6	-63.9		6	77	290	5	050	20646	2	-64.8		2	30	312	2	050	20652	7	-63.2	12.6	8	82	278	7					
100	16554	2	-74.9		3	82	265	9	100	16519	2	-73.3		2	77	265	10	100	16512	3	-73.3	9.9	3	87	269	14					
150	14161	2	-66.9		3	81	265	13	150	14105	2	-63.0		2	85	269	14	150	14106	3	-63.7	11.2	3	86	264	19					
200	12376	2	-55.0		3	73	260	12	200	12318	2	-56.3		2	70	265	6	200	12322	2	-55.5	13.4	2	76	257	18					
300	9671	2	-34.7	23.4	3	60	265	8	300	9629	2	-36.4	24.2	2	68	253	12	300	9631	2	-33.7	16.2	2	64	259	11					
500	5895	2	-7.4	30.0	4	27	298	2	500	5883	2	-8.7	28.4	2	63	230	5	500	5878	2	-8.7	21.0	2	60	263	6					
700	3203	2	8.2	12.2	3	73	336	6	700	3190	2	8.1	34.7	2	53	117	4	700	3190	3	7.3	13.1	2	31	282	2					
850	1560	2	21.0	16.6	3	56	354	4	850	1575	2	10.7	8.3	2	70	91	5	850	1561	2	16.9	9.5	2	53	358	3					
951	* 567		25.1	13.7					1023	* 5		24.7	6.5					1018	* 6		22.4	4.1									

# UPPER AIR

# SEPTEMBER 2004

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> CURITIBA (AEROPORTO) 83840 SEP 2004 2531S 04910W OB 2									<b>S AMERICA - BRAZIL</b> PORTO ALEGRE (AERO- PORTO) 83971 SEP 2004 3000S 05111W OB 2									<b>S AMERICA - PERU</b> LIMA-CALLAO/AEROP. INTERNACI 84628 SEP 2004 1200S 07707W OB 2									
030									030	23815	9	-56.1	25.5					030	23913	11	-56.6			9	75	268	6
050	20659	14	-62.1	22.2					050	20615	5	-62.1	23.7	4	65	289	7	050	20712	8	-62.1			9	86	259	8
100	16520	12	-73.0	13.8	9	83	270	13	100	16431	3	-69.0	18.0	3	94	272	23	100	16589	4	-76.5			4	34	204	3
150	14094	9	-64.9	14.0	9	89	260	21	150	13980	3	-63.5	17.1	3	94	270	35	150	14213	3	-67.0			3	51	260	5
200	12294	5	-56.0	14.6	7	83	258	23	200	12190	3	-57.1	15.6	3	88	271	35	200	12422	3	-53.6			3	31	307	4
300	9615	3	-36.2	18.2	4	83	270	18	300	9524	3	-38.5	16.1	3	90	270	29	300	9685	3	-31.1	29.6		3	24	241	2
500	5860	1	-9.2	19.0	1	83	273	10	500	5811	2	-11.2	17.7	2	88	275	15	500	5870	4	-6.2	12.2		3	38	89	2
700	3177	1	6.9	9.2	1	74	283	7	700	3145	3	4.9	15.1	3	74	280	9	700	3146	3	11.4	16.2		3	16	108	1
850	1549	1	15.8	7.2	1	45	25	4	850	1535	2	13.0	10.5	2	35	307	3	850	1503	3	17.2	13.6		3	57	338	3
916	* 908		16.7	2.7					1018	* 3		17.3	2.4					1013	* 13		16.4	2.6					
<b>S AMERICA - CHILE</b> ANTOFAGASTA 85442 SEP 2004 2326S 07027W OB 2									<b>S AMERICA - CHILE</b> ISLA DE PASCUA 85469 SEP 2004 2710S 10926W OB 1									<b>S AMERICA - CHILE</b> PUERTO MONTT 85799 SEP 2004 4126S 07306W OB 2									
030									030	23782								030	23518	3	-62.1	29.0		4	90	271	29
050	20606								050	20584	4	-62.2	26.8	5	72	268	6	050	20353	1	-61.5	28.9		1	95	269	28
100	16510	3	-74.2						100	16369	1	-68.1		1	94	276	24	100	16069	1	-61.8	28.8		1	94	274	30
150	14107	3	-65.8	22.8					150	13917	1	-63.8	19.0	2	95	273	40	150	13540	1	-58.5	27.6		1	93	269	29
200	12317	3	-55.3	22.9					200	12131	1	-57.8	13.6	2	91	267	43	200	11726	1	-57.8	19.9		1	91	269	34
300	9615	2	-35.1	29.3	4	92	271	20	300	9477	1	-39.6	9.1	2	93	272	35	300	9128	1	-48.0	13.9		1	86	275	32
500	5850	1	-7.8	37.5	2	75	277	8	500	5777	1	-12.6	12.7	2	93	280	21	500	5562	1	-22.2	13.8		1	82	275	20
700	3145	1	10.3		3	51	334	2	700	3127	1	2.9	14.5	2	84	288	11	700	3018	1	-6.3	15.6		2	81	269	12
850	1500	0	18.0	31.6	4	58	50	3	850	1533	1	9.7	4.9	2	62	305	6	850	1477	1	1.1	10.1		2	69	275	8
1003	* 140		13.8	3.5					1013	* 69		20.0	4.8					1009	* 90		5.1	.4					
<b>S AMERICA - CHILE</b> PUNTA ARENAS 85934 SEP 2004 5300S 07051W OB 2									<b>S AMERICA - ARGENTINA</b> RESISTENCIA AERO. 87155 SEP 2004 2727S 05903W OB 2									<b>S AMERICA - ARGENTINA</b> CORDOBA AERO 87344 SEP 2004 3119S 06413W OB /									
030									030									030	23742	3	-57.5	28.3		5	56	294	7
050	19778	5	-66.9						050									050	20557	2	-62.6	26.6		4	72	246	9
100	15566	1	-64.0						100									100	16371	0	-68.7	21.6		2	94	274	27
150	13071	1	-61.5						150	14026								150	13930	0	-61.0	22.2		2	91	274	36
200	11284	1	-61.1	26.4					200	12246	5	-55.9						200	12125	0	-57.4	16.2		2	87	271	38
300	8730	1	-54.3	19.6					300	9553	2	-37.1	18.6	3	85	268	22	300	9468	0	-39.8	18.0		2	84	278	29
500	5283	0	-29.4	15.2	2	83	263	20	500	5821	1	-9.7	21.3	1	74	281	10	500	5776	0	-12.5	23.8		2	81	277	16
700	2795	0	-12.1	11.6	2	89	260	18	700	3138	1	6.7	14.9	1	61	315	7	700	3113	0	4.9	21.1		5	64	294	7
850	1284	0	-3.7	5.6	3	90	265	18	850	1518	1	15.6	16.0	0	37	346	4	850	1511	0	11.0	17.9		2	46	19	2
993	* 43		3.1	2.3					1009	* 52		16.8	4.6					962	* 474		11.5	8.0					

# UPPER AIR

# SEPTEMBER 2004

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> <b>EZEIZA AERO</b> 87576 SEP 2004 3449S 05832W OB 3								<b>S AMERICA - UK FALKLAND ISLANDS</b> <b>MOUNT PLEASANT AIRPORT</b> 88889 SEP 2004 5149S 05827W OB								<b>ANTARCTICA - UNITED KINGDOM (ANTARCTIC)</b> <b>HALLEY</b> 89022 SEP 2004 7530S 02639W OB 2										
030	23719	2	-58.5		3	83	290	13	030	22941	1	-66.0		3	93	277	56	030	21377	5	-79.9	7.3	5	90	271	16
050	20525	0	-61.9		1	83	270	12	050	19820	1	-65.9		1	94	274	49	050	18521	3	-83.8		3	86	268	14
100	16296	0	-65.8		1	97	275	28	100	15603	0	-63.6		0	93	270	40	100	14676	3	-82.7	6.5	3	77	258	11
150	13807	0	-61.2		2	94	270	39	150	13105	0	-60.8		0	91	268	34	150	12419	1	-78.9	7.2	3	56	258	8
200	12016	0	-58.5		2	83	270	38	200	11313	0	-60.3		0	87	265	31	200	10772	1	-75.5	7.1	3	46	267	8
300	9385	0	-42.7	16.4	2	86	280	32	300	8764	0	-53.7		0	79	263	26	300	8348	1	-61.0	7.2	3	31	299	5
500	5731	0	-15.1	22.2	1	85	275	20	500	5310	0	-29.3	11.5	0	82	258	19	500	4994	1	-36.1	7.8	2	41	335	5
700	3101	0	1.8	25.0	0	71	260	12	700	2819	0	-11.6	11.0	0	84	262	16	700	2577	1	-19.9	8.5	1	53	15	5
850	1513	0	9.0	19.2	0	24	250	3	850	1305	0	-2.5	7.4	0	83	260	13	850	1121	1	-15.0	10.2	1	82	44	9
1017	* 20		11.4	3.5					990	* 73		3.8	3.0					983	* 30		-20.4					
<b>ANTARCTICA - GERMANY (ANTARCTIC)</b> <b>NEUMAYER</b> 89002 SEP 2004 7040S 00815W OB 2								<b>ANTARCTICA - JAPAN (ANTARCTIC)</b> <b>SYOWA</b> 89532 SEP 2004 6900S 03935E OB 1								<b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b> <b>PENANG/BAYAN LEPAS</b> 48601 SEP 2004 0518N 10016E OB 3										
030	21582	5	-75.7	14.9	5	93	274	34	030	21695	0	-66.4		0	96	274	47	030	23834	28	-58.0	30.8	9	38	88	3
050	18666	5	-80.2	11.4	5	91	268	29	050	18664	0	-73.1		0	96	270	35	050	20667	22	-65.1	27.8	9	7	360	1
100	14747	2	-79.7	9.8	3	87	254	18	100	14634	0	-74.3		0	94	265	22	100	16557	5	-77.5	12.3	6	85	87	13
150	12439	2	-77.2	8.9	2	77	241	14	150	12265	0	-72.5		0	91	266	16	150	14211	1	-68.4	11.2	3	95	75	22
200	10783	2	-75.3	8.0	2	70	225	12	200	10566	0	-70.3		0	85	268	12	200	12426	0	-53.5	9.7	2	95	71	16
300	8359	2	-61.0	9.6	2	60	215	11	300	8122	0	-62.2		0	58	282	8	300	9682	0	-30.6	8.7	2	91	82	9
500	5003	2	-35.9	13.6	2	56	197	7	500	4817	0	-41.1		0	35	315	4	500	5857	0	-5.9	5.2	2	83	90	5
700	2587	2	-20.4	17.9	2	37	186	4	700	2461	0	-28.1	6.3	0	42	30	3	700	3143	0	9.3	6.2	3	33	107	2
850	1138	2	-16.9	15.3	2	41	72	4	850	1056	0	-23.4	4.9	1	82	40	8	850	1504	0	18.2	5.5	4	46	167	2
984	* 50		-23.5	4.6					978	* 21		-21.1	4.4					1009	* 4		26.7	3.5				
<b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b> <b>KOTA BHARU</b> 48615 SEP 2004 0610N 10217E OB 3								<b>SW PACIFIC - SINGAPORE</b> <b>SINGAPORE/CHANGI AIRPORT</b> 48698 SEP 2004 0122N 10359E OB 3								<b>SW PACIFIC - USA (PACIFIC OCEAN NORTH)</b> <b>HILO/GEN. LYMAN, HAWAII,</b> 91285 SEP 2004 1943N 15504W OB 2										
030	23822	0	-58.3	31.3	1	52	93	4	030	23810	0	-59.0	30.0	0	79	271	9	030	23895	2	-57.0	10.7	2	99	88	15
050	20657	0	-65.0	28.1	1	15	102	1	050	20652	0	-64.9	28.2	0	74	272	7	050	20709	2	-64.2	9.2	2	97	91	12
100	16553	0	-78.5	12.8	1	88	85	15	100	16541	0	-77.3	11.8	0	63	76	7	100	16578	2	-75.5	7.3	2	23	221	2
150	14209	0	-68.3	12.0	1	94	74	21	150	14191	0	-68.1	11.3	0	89	75	14	150	14190	2	-66.4	8.8	2	85	249	12
200	12423	0	-53.5	11.5	1	93	75	16	200	12406	0	-53.8	10.8	0	91	68	15	200	12397	2	-53.9	10.9	2	77	260	12
300	9681	0	-30.7	13.3	1	93	80	9	300	9669	0	-31.1	10.5	0	92	78	9	300	9672	2	-32.7	15.8	2	56	286	7
500	5858	0	-5.6	8.2	1	87	96	6	500	5849	0	-5.9	5.9	0	90	89	6	500	5865	2	-5.5	24.8	2	40	38	3
700	3144	0	9.1	6.2	0	43	109	2	700	3137	0	8.9	5.3	0	59	113	2	700	3156	4	7.8	14.4	2	76	75	5
850	1506	0	18.4	6.3	0	39	178	2	850	1500	0	18.0	5.6	0	75	152	4	850	1536	1	14.3	2.5	1	87	72	5
1009	* 5		26.3	2.5					1008	* 16		27.4	2.9					1015	* 11		22.1	4.4				

# UPPER AIR

# SEPTEMBER 2004

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 - NEW CALEDONIA</b> NOUMEA (NLE-CALEDONIE) 91592 SEP 2004 2216S 16627E OB /									<b>SW PACIFIC - KIRIBATI (NEW ZEALAND)</b> TARAWA 91610 SEP 2004 0121N 17255E OB 3									<b>SW PACIFIC - TUVALU (NEW ZEALAND)</b> FUNAFUTI 91643 SEP 2004 0831S 17913E OB 3								
030									030	23860	8	-57.4		9	20	278	2	030	23859	5	-58.3		7	94	282	11
050									050	20677	1	-63.5		6	52	258	4	050	20691	1	-65.3		4	86	280	9
100	16496	1	-74.3						100	16524	2	-74.6		7	29	262	4	100	16602	0	-77.9		2	25	62	2
150	14101	1	-65.9		9	94	272	32	150	14132	2	-65.8		5	52	265	10	150	14230	0	-68.5		0	31	146	3
200	12307	0	-53.5		6	94	272	39	200	12336	2	-53.5		1	56	280	11	200	12444	0	-53.6		0	31	125	3
300	9581	0	-33.5	23.9	0	91	273	36	300	9611	1	-33.1	18.7	1	34	294	7	300	9701	0	-30.7	14.5	0	48	107	4
500	5819	0	-9.6	27.4	4	93	278	21	500	5828	1	-7.9	19.0	1	21	87	3	500	5877	0	-5.9	11.5	0	95	73	8
700	3139	0	6.5	31.2	3	71	281	6	700	3139	1	6.8	13.0	1	56	105	5	700	3162	0	10.0	9.0	2	96	84	7
850	1535	0	9.8	5.3	3	23	113	2	850	1518	1	14.9	7.3	1	63	106	5	850	1521	0	17.9	4.2	3	91	81	6
1012	* 72		22.6	7.4					1012	* 4		27.9	7.8					1012	* 2		29.8	4.4				
<b>SW PACIFIC - FIJI</b> NANDI 91680 SEP 2004 1745S 17727E OB 3									<b>SW PACIFIC - SAMOA (USA)</b> PAGO PAGO/INT. AIRPORT 91765 SEP 2004 1420S 17043W OB 2									<b>SW PACIFIC - FRENCH POLY. (MARQUESAS)</b> ATUONA 91925 SEP 2004 0948S 13902W OB 3								
030	23925	8	-54.7						030	23828	1	-57.3	20.9	1	65	249	3	030								
050	20714	2	-62.4		8	59	263	3	050	20659	1	-65.0	12.8	0	68	270	10	050	20659	5	-64.4		7	83	268	8
100	16589	0	-75.8	19.2	1	90	275	15	100	16568	1	-77.9	6.6	1	88	282	8	100	16549	1	-78.6		2	36	267	3
150	14210	0	-66.3	20.4	0	90	271	23	150	14209	1	-67.9	7.8	1	80	263	10	150	14197	1	-67.8		2	53	250	5
200	12416	0	-53.5	21.0	0	91	269	24	200	12426	1	-54.3	11.3	1	79	260	9	200	12412	0	-53.9		0	25	215	2
300	9680	0	-31.4	22.4	0	86	272	19	300	9694	1	-31.7	15.2	1	65	281	6	300	9681	0	-32.0	27.1	0	28	132	3
500	5868	0	-6.6	26.8	0	79	286	11	500	5883	1	-5.9	18.1	1	65	345	5	500	5862	0	-4.5	32.6	0	87	95	10
700	3158	0	10.0	24.7	0	75	289	6	700	3167	1	10.2	17.0	1	36	48	2	700	3140	0	10.4	23.9	0	86	93	6
850	1526	0	14.6	5.9	0	37	43	2	850	1528	1	17.2	4.7	1	63	81	4	850	1507	0	15.9	3.9	1	0	99	7
1014	* 25		26.9	7.9					1013	* 3		26.9	3.7					1005	* 52		28.2	6.5				
<b>SW PACIFIC - FRENCH POLY. (SOCIETY IS)</b> TAHITI-FAAA 91938 SEP 2004 1733S 14937W OB 2									<b>SW PACIFIC - FRENCH POLY. (TUAMOTU IS)</b> RIKITEA 91948 SEP 2004 2308S 13458W OB									<b>SW PACIFIC - FRENCH POLY. (AUSTRAL IS)</b> TUBUAI 91954 SEP 2004 2321S 14929W OB								
030	23801	5	-57.0		5	22	192	1	030	23800	9	-56.9		9	50	92	3	030	23826	1	-55.9		1	60	97	5
050	20626	1	-64.2		1	80	263	6	050	20604	3	-63.1		3	50	279	3	050	20623	0	-62.6		0	25	317	2
100	16536	0	-77.7		0	89	266	12	100	16449	1	-73.2		1	98	263	24	100	16469	0	-74.3		0	94	268	24
150	14171	0	-67.7		0	95	257	20	150	14047	1	-66.1		1	96	259	36	150	14078	0	-66.4		0	96	266	37
200	12391	0	-54.5		0	87	257	18	200	12263	0	-55.6		0	95	259	39	200	12293	0	-54.8		0	93	264	39
300	9671	0	-33.0	19.9	0	87	267	14	300	9571	0	-36.1	11.3	0	94	260	32	300	9586	0	-35.1	12.5	0	93	268	34
500	5876	0	-6.2	24.3	0	70	271	7	500	5820	0	-9.2	18.5	0	95	269	21	500	5824	0	-8.7	18.9	0	92	272	23
700	3160	0	9.8	21.4	1	17	294	1	700	3134	0	6.9	23.0	0	92	274	11	700	3136	0	7.2	20.8	0	93	271	14
850	1528	0	15.6	4.5	0	56	77	3	850	1521	0	12.1	10.1	1	63	290	5	850	1520	0	11.8	8.2	0	65	284	6
1014	* 2		28.0	6.3					1006	* 89		22.2	4.7					1016	* 3		23.5	6.7				

# UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
<b>SW PACIFIC - FRENCH POLY. (AUSTRAL IS)</b> <b>RAPA</b> <b>91958 SEP 2004 2737S 14420W OB 3</b>									<b>SW PACIFIC - NEW ZEALAND</b> <b>WHENUAPAI</b> <b>93112 SEP 2004 3678S 17463E OB 1</b>									<b>SW PACIFIC - NEW ZEALAND</b> <b>PARAPARAUMU AERODROME</b> <b>93417 SEP 2004 4054S 17459E OB 1</b>										
030									030	23939	2	-51.2			3	63	95	7	030	23956	7	-49.8			9	27	116	2
050									050	20641	1	-54.3			2	16	174	1	050	20629	6	-52.3			7	58	255	4
100									100	16235	0	-56.9			3	94	267	16	100	16167	0	-49.8			0	93	266	16
150									150	13648	0	-53.8			6	96	265	26	150	13553	0	-52.9			0	95	263	20
200									200	11797	0	-53.5			6	92	263	26	200	11694	0	-53.0			0	90	262	23
300	9464	10	-38.6						300	9178	0	-47.4			3	80	265	23	300	9081	0	-48.6			0	82	262	21
500	5738	2	-12.1	17.3	2	97	270	31	500	5606	0	-20.8	16.3	4	80	259	14	500	5537	0	-23.2	13.1	0	76	258	14		
700	3087	0	2.4	21.1	1	91	266	15	700	3036	0	-4.4	21.2	3	65	260	9	700	2983	0	-6.9	11.4	0	74	276	12		
850	1498	0	8.5	8.4	0	74	273	9	850	1486	0	2.1	6.4	2	57	273	7	850	1448	0	1.3	6.3	0	66	295	8		
1016	*	2	19.9	6.2					1015	*	27	14.1	5.8						1014	*	12	11.7	5.0					
<b>SW PACIFIC - NEW ZEALAND</b> <b>INVERCARGILL AERODROME</b> <b>93844 SEP 2004 4625S 16819W OB 1</b>									<b>SW PACIFIC - NEW ZEALAND</b> <b>CHATHAM ISLAND</b> <b>93986 SEP 2004 4357S 17634W OB 1</b>									<b>SW PACIFIC - NEW ZEALAND</b> <b>KERMADEC IS.</b> <b>93997 SEP 2004 2915S 17755W OB 1</b>										
030	23929	5	-48.2		4	76	265	10	030	23951	4	-48.8		4	46	245	4	030	23884	8	-53.5		8	88	93	11		
050	20573	2	-50.4		2	95	269	14	050	20613	4	-50.0		4	74	259	7	050	20641	3	-59.2		3	50	134	3		
100	16069	2	-51.3		1	95	267	19	100	16116	1	-51.5		2	93	266	14	100	16357	1	-64.6		0	97	272	23		
150	13436	0	-51.5		0	93	264	21	150	13482	1	-51.1		2	93	261	17	150	13859	1	-59.9		0	96	274	42		
200	11571	0	-52.7		0	87	262	21	200	11614	1	-52.0		2	82	262	18	200	12036	1	-53.3		0	94	273	54		
300	8960	0	-50.0		0	71	259	21	300	8993	1	-49.3		1	70	264	18	300	9349	1	-40.4		0	89	277	43		
500	5448	0	-25.6	13.1	0	67	257	14	500	5471	1	-25.3	13.4	0	70	270	13	500	5695	1	-16.4	27.8	0	86	267	21		
700	2925	0	-8.8	16.3	2	77	262	12	700	2942	1	-8.0	14.9	1	63	269	10	700	3086	1	-1.4	25.9	0	69	260	9		
850	1399	0	-1.0	5.0	2	73	268	9	850	1411	1	-0.9	5.9	1	59	276	8	850	1519	1	4.7	8.1	0	32	262	3		
1010	*	4	9.2	4.5					1005	*	48	10.0	4.1						1015	*	49	17.9	5.9					
<b>SW PACIFIC - AUSTRALIA</b> <b>DARWIN AIRPORT</b> <b>94120 SEP 2004 1225S 13053E OB /</b>									<b>SW PACIFIC - AUSTRALIA</b> <b>GOVE AIRPORT</b> <b>94150 SEP 2004 1217S 13649E OB /</b>									<b>SW PACIFIC - AUSTRALIA</b> <b>BROOME AIRPORT</b> <b>94203 SEP 2004 1757S 12214E OB /</b>										
030	23822	3	-57.7	31.6	3	50	239	3	030	23808	5	-58.0	30.4	5	33	305	2	030	23814	0	-57.1	31.7	1	91	82	6		
050	20650	2	-64.4	29.4	2	91	266	6	050	20635	4	-65.2	29.3	4	92	267	8	050	20635	0	-63.9	29.0	1	44	150	2		
100	16568	0	-78.4	14.6	0	20	148	1	100	16556	2	-78.2	13.6	2	54	172	3	100	16550	0	-77.5	16.2	1	86	271	9		
150	14213	0	-68.5	14.7	0	17	51	2	150	14204	1	-68.8	12.9	1	25	26	3	150	14189	0	-67.9	17.7	1	88	272	15		
200	12433	0	-54.3	19.2	0	39	5	4	200	12424	0	-54.4	15.7	0	29	353	3	200	12405	0	-54.0	23.0	1	91	276	16		
300	9699	0	-31.2	27.2	0	24	206	2	300	9692	0	-31.4	25.6	0	38	187	3	300	9675	0	-31.6	30.8	1	93	278	16		
500	5876	0	-5.0	34.4	1	25	104	2	500	5873	0	-5.2	29.3	0	26	91	2	500	5858	0	-5.4	36.5	1	92	270	12		
700	3163	0	8.9	23.1	0	21	114	1	700	3159	0	9.6	25.3	1	11	164	1	700	3158	0	5.9	23.3	1	32	10	3		
850	1536	0	16.3	13.8	0	92	108	9	850	1531	0	15.0	8.4	0	89	98	8	850	1538	0	17.2	20.4	2	57	50	4		
1012	*	31	26.0	9.9					1009	*	54	26.2	7.7					1015	*	7	21.1	8.8						

# UPPER AIR

# SEPTEMBER 2004

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>TOWNSVILLE AERO</b> 94294 SEP 2004 1915S 14645E OB /								<b>SW PACIFIC - AUSTRALIA</b> <b>PORT HEDLAND PARDOO</b> 94312 SEP 2004 2022S 11838E OB /								<b>SW PACIFIC - AUSTRALIA</b> <b>ALICE SPRINGS AERO</b> 94326 SEP 2004 2348S 13353E OB /										
030	23812	0	-56.8	31.8	0	89	74	8	030	23809	2	-56.8	30.7	3	91	80	8	030	23852	1	-55.8		1	94	89	11
050	20630	0	-64.5	29.5	0	23	124	1	050	20626	1	-63.2	27.8	3	70	128	4	050	20652	1	-62.3		1	71	112	5
100	16532	0	-76.7	16.2	0	90	260	12	100	16531	1	-76.6	15.0	2	93	275	13	100	16503	0	-73.1		0	93	267	20
150	14162	0	-67.4	18.1	0	92	271	22	150	14157	1	-67.4	15.3	2	97	274	26	150	14101	0	-65.8	20.8	0	95	270	35
200	12374	0	-53.9	22.2	0	92	269	23	200	12370	1	-53.9	18.5	1	95	272	27	200	12305	0	-53.6	24.1	0	93	268	39
300	9646	0	-32.8	27.9	0	95	262	23	300	9640	0	-32.0	23.2	1	98	281	28	300	9577	0	-32.6	28.1	0	94	268	39
500	5856	0	-6.8	36.6	0	86	270	13	500	5839	0	-7.1	32.9	1	91	274	15	500	5812	0	-10.0	30.1	0	88	270	17
700	3157	0	6.6	31.8	0	15	259	1	700	3150	0	6.2	32.1	0	52	331	5	700	3155	0	3.1	25.4	0	39	240	4
850	1550	0	12.0	10.2	0	73	93	6	850	1536	0	15.7	20.0	0	50	29	4	850	1556	0	10.9	16.7	0	40	97	3
1019	* 9		24.5	10.8					1016	* 9		19.9	12.1					959	* 546		16.5	15.1				
<b>SW PACIFIC - AUSTRALIA</b> <b>MT ISA AERO</b> 94332 SEP 2004 2041S 13929E OB /								<b>SW PACIFIC - AUSTRALIA</b> <b>GERALDTON AIRPORT</b> 94403 SEP 2004 2848S 11442E OB /								<b>SW PACIFIC - AUSTRALIA</b> <b>MEEKATHARRA AIRPORT</b> 94430 SEP 2004 2637S 11833E OB 2										
030	23819	3	-56.9	31.4	6	92	86	9	030	23849	2	-54.7	32.4	2	93	86	11	030	23841	2	-55.5	30.8	3	95	85	11
050	20636	0	-63.3	29.2	4	60	94	4	050	20624	1	-60.6	30.4	1	73	132	4	050	20630	2	-61.7	28.1	3	79	134	4
100	16530	0	-75.7	16.4	4	91	264	15	100	16397	0	-66.7	24.9	0	97	273	23	100	16442	2	-69.6	20.1	3	96	273	23
150	14154	0	-67.6	17.1	3	92	266	24	150	13920	0	-61.2	24.4	0	98	274	42	150	14003	2	-63.4	20.4	3	98	276	41
200	12367	0	-53.9	21.0	2	89	261	26	200	12099	0	-52.3	25.9	0	97	273	47	200	12187	1	-52.8	21.5	3	98	275	49
300	9640	0	-32.6	27.1	2	92	261	26	300	9401	0	-38.9	22.7	0	92	275	37	300	9477	0	-35.9	22.1	1	95	278	40
500	5847	0	-7.0	35.9	1	87	273	14	500	5728	0	-15.1	29.0	0	84	274	15	500	5766	0	-13.4	28.0	1	93	278	18
700	3160	0	4.7	28.8	1	32	218	2	700	3104	0	.1	29.0	0	52	278	5	700	3127	0	2.2	22.3	1	74	303	9
850	1554	0	14.1	20.9	0	35	72	3	850	1529	0	7.3	14.0	0	23	244	2	850	1535	0	10.6	13.8	1	28	354	3
980	* 340		23.3	22.6					1017	* 33		10.5	3.6					959	* 517		14.4	13.1				
<b>SW PACIFIC - AUSTRALIA</b> <b>GILES</b> 94461 SEP 2004 2502S 12817E OB /								<b>SW PACIFIC - AUSTRALIA</b> <b>PERTH AIRPORT</b> 94610 SEP 2004 3156S 11558E OB /								<b>SW PACIFIC - AUSTRALIA</b> <b>EUCLA</b> 94647 SEP 2004 3141S 12853E OB										
030	23850	2	-56.1	31.0	3	96	85	12	030	23869	1	-53.2	31.9	1	93	83	10	030	23903	7	-53.5	26.1				
050	20646	2	-62.0	28.9	3	83	95	6	050	20625	0	-58.8	30.4	0	40	108	2	050	20653	3	-58.7	24.5	6	69	83	5
100	16479	1	-71.6	19.2	1	96	270	21	100	16332	0	-62.5	29.0	0	97	274	22	100	16362	1	-63.4	21.6	5	96	271	22
150	14063	0	-65.2	18.5	0	98	271	39	150	13810	0	-57.8	29.0	0	96	274	36	150	13851	1	-58.4	21.8	5	96	270	38
200	12264	0	-53.4	20.3	0	96	271	45	200	11979	0	-53.4	25.7	0	96	272	42	200	12019	1	-52.9	20.4	4	96	270	45
300	9539	0	-33.6	24.5	0	96	272	42	300	9312	0	-42.3	20.7	0	88	274	28	300	9349	1	-42.0	16.1	4	90	271	32
500	5797	0	-11.8	30.8	0	89	269	16	500	5687	0	-17.7	24.7	0	70	272	12	500	5717	0	-17.6	19.4	3	84	280	14
700	3152	0	2.9	19.9	1	54	269	5	700	3087	0	-2.0	22.9	0	50	272	6	700	3117	0	-.9	16.5	3	84	280	9
850	1551	0	13.4	19.9	1	31	9	3	850	1524	0	5.1	13.3	1	36	268	3	850	1543	0	7.5	13.3	3	36	261	3
951	* 598		18.1	17.7					1020	* 31		10.6	4.1					1010	* 102		14.2	8.1				

# UPPER AIR

# SEPTEMBER 2004

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>SW PACIFIC - AUSTRALIA</b> COBAR 94711 SEP 2004 3129S 14550E OB /									<b>SW PACIFIC - AUSTRALIA</b> WILLIAMTOWN AERODROME 94776 SEP 2004 3248S 15150E OB /									<b>SW PACIFIC - AUSTRALIA</b> ALBANY AIRPORT 94802 SEP 2004 3456S 11748E OB /														
030	23896	5	-53.5	32.7	6	95	79	13	030	23915	5	-52.5	32.9	7	94	83	12	030														
050	20649	3	-58.1	30.8	4	55	94	4	050	20656	2	-57.7	31.2	4	46	108	3	050	20635	8	-56.9	31.4										
100	16354	0	-63.1	28.0	2	97	265	21	100	16327	1	-60.9	29.9	2	91	263	17	100	16283	1	-59.3	30.1	2	97	270	20						
150	13838	0	-58.1	28.5	2	94	268	35	150	13789	1	-56.8	30.7	2	95	264	29	150	13730	0	-56.1	30.0	1	96	273	30						
200	12003	0	-52.6	25.7	0	92	266	40	200	11951	0	-52.9	28.1	1	92	263	36	200	11889	0	-53.6	25.9	0	96	271	34						
300	9338	0	-42.8	18.0	0	87	264	29	300	9296	0	-44.1	17.3	0	84	264	27	300	9249	0	-45.3	15.7	0	81	272	24						
500	5711	0	-18.2	21.8	0	77	258	14	500	5688	0	-18.9	20.0	0	78	268	14	500	5653	0	-19.3	19.9	0	78	273	14						
700	3113	0	-1.3	21.2	0	69	260	8	700	3098	0	-2.5	17.6	0	76	269	8	700	3068	0	-3.2	22.0	0	74	274	9						
850	1543	0	6.6	12.1	0	60	256	4	850	1531	0	6.6	10.0	0	63	278	5	850	1513	0	3.0	7.9	0	68	269	6						
991	* 264		16.9	13.1					1020	* 8		16.8	7.1					1013	* 69		9.7	1.9										
<b>SW PACIFIC - AUSTRALIA</b> MOUNT GAMBIER AERO 94821 SEP 2004 3744S 14047E OB /									<b>SW PACIFIC - AUSTRALIA</b> MELBOURNE AIRPORT 94866 SEP 2004 3740S 14451E OB									<b>SW PACIFIC - AUSTRALIA</b> WAGGA AIRPORT 94910 SEP 2004 3510S 14727E OB /														
030	23941	6	-50.2	33.7	6	75	75	7	030	23969	2	-50.0	33.8	4	82	82	8	030	23937	5	-51.6	32.7	6	94	76	10						
050	20638	1	-54.2	32.6	1	32	284	2	050	20660	1	-53.9	32.6	3	20	270	1	050	20653	1	-55.9	31.2	3	18	276	1						
100	16235	0	-57.2	31.1	0	95	269	18	100	16253	1	-56.8	31.8	2	91	263	17	100	16289	0	-59.4	29.6	2	94	264	19						
150	13662	0	-54.8	31.3	0	95	269	26	150	13674	0	-54.1	32.5	1	94	266	25	150	13733	0	-55.4	29.4	2	93	263	25						
200	11819	0	-54.7	24.2	0	92	265	28	200	11824	0	-53.9	27.3	1	92	261	28	200	11886	0	-52.8	25.8	2	92	260	28						
300	9206	0	-46.9	14.3	0	79	267	20	300	9205	0	-46.9	15.2	1	73	254	19	300	9242	0	-45.1	17.4	1	86	258	23						
500	5627	0	-20.6	16.1	0	76	266	13	500	5627	0	-20.7	18.2	1	73	260	14	500	5656	0	-20.5	14.8	1	72	258	12						
700	3057	0	-4.3	15.7	0	71	268	10	700	3058	0	-4.1	14.8	1	74	260	9	700	3079	0	-3.4	15.0	1	73	267	8						
850	1505	0	2.5	7.5	0	72	271	8	850	1505	0	2.8	8.2	1	67	263	6	850	1520	0	4.2	8.0	0	59	269	5						
1013	* 69		11.7	3.5					1007	* 132		11.9	5.1					996	* 213		11.1	3.5										
<b>SW PACIFIC - AUSTRALIA</b> HOBART AIRPORT 94975 SEP 2004 4250S 14729E OB /									<b>SW PACIFIC - AUSTRALIA (ADDITIONAL IS.)</b> LORD HOWE ISLAND AERO 94995 SEP 2004 3132S 15904E OB /									<b>SW PACIFIC - AUSTRALIA (ADDITIONAL IS.)</b> NORFOLK ISLAND AERO 94996 SEP 2004 2902S 16756E OB /														
030									030	23890	3	-53.3	32.7	5	99	84	13	030	23887	4	-53.8	31.8	5	98	86	14						
050	20622	6	-50.6	32.6	6	81	280	8	050	20638	2	-58.1	30.8	4	70	104	4	050	20647	3	-59.6	30.3	4	65	101	4						
100	16143	0	-54.2	30.3	0	95	273	19	100	16334	1	-62.5	29.3	1	96	267	19	100	16383	2	-65.1	28.8	3	93	271	19						
150	13537	0	-52.6	30.5	0	95	269	23	150	13810	0	-57.9	29.9	0	95	268	32	150	13886	2	-59.7	30.3	3	97	271	36						
200	11681	0	-54.4	22.9	0	90	263	25	200	11974	0	-52.6	28.3	0	94	267	38	200	12065	1	-52.1	30.4	3	93	271	44						
300	9084	0	-48.7	13.1	0	79	262	22	300	9314	0	-43.9	16.3	0	90	263	26	300	9376	0	-40.5	24.4	3	91	269	39						
500	5540	0	-22.8	14.6	0	78	264	15	500	5697	0	-18.1	16.8	0	84	267	13	500	5728	0	-16.3	26.6	3	87	264	17						
700	2991	0	-6.2	14.1	0	84	272	12	700	3099	0	-1.7	19.9	0	67	258	6	700	3113	0	-	27.4	3	70	247	6						
850	1450	0	1.2	8.6	0	83	266	10	850	1532	0	5.8	5.5	0	50	272	4	850	1539	0	5.7	7.8	5	29	231	2						
1012	* 27		11.7	6.2					1020	* 6		18.5	6.3					1008	* 109		17.3	6.6										



# UPPER AIR

# SEPTEMBER 2004

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 (ADDITIONAL IS.)</b> <b>MACQUARIE ISLAND</b> <b>94998 SEP 2004 5429S 15856E OB 3</b>								<b>SW PACIFIC - BRUNEI DARUSSALAM</b> <b>BRUNEI AIRPORT</b> <b>96315 SEP 2004 0456N 11456E OB 3</b>								<b>SW PACIFIC - MALAYSIA (SABAH &amp; SARAWAK)</b> <b>KUCHING</b> <b>96413 SEP 2004 0129N 11020E OB 3</b>										
030	23664	1	-46.7	34.1	1	97	274	40	030									030	23833	2	-58.9	29.3	2	80	272	8
050	20294	1	-48.8	33.4	2	97	276	38	050	20654	19	-64.6	28.4	9	31	64	2	050	20667	0	-64.3	27.4	0	83	265	7
100	15770	1	-51.8	31.5	2	98	276	36	100	16545	2	-77.5	11.6	6	73	87	9	100	16553	0	-76.5	13.4	0	62	84	7
150	13153	1	-53.3	29.2	2	95	277	32	150	14194	1	-68.4	10.1	7	93	75	16	150	14201	0	-68.3	12.6	0	87	77	14
200	11308	1	-55.3	24.4	2	94	275	30	200	12411	1	-54.0	9.4	6	93	78	14	200	12418	0	-54.0	11.1	0	96	70	14
300	8723	1	-52.4	15.7	2	91	280	28	300	9672	1	-31.1	11.1	5	89	97	10	300	9680	0	-31.1	9.3	0	94	85	10
500	5258	1	-29.1	11.0	2	88	281	22	500	5852	0	-5.8	6.6	5	90	91	7	500	5860	0	-5.9	6.0	0	84	83	6
700	2770	1	-12.4	10.3	2	88	280	18	700	3139	0	9.0	5.0	4	51	107	3	700	3149	0	8.9	5.5	0	61	88	3
850	1263	1	-4.5	6.5	1	88	284	15	850	1501	0	17.9	4.9	3	11	216	1	850	1512	0	18.1	6.3	0	40	130	2
995	*	6	3.6	2.6					1005	*	15	26.5	2.6					1009	*	27	24.8	1.9				
<b>SW PACIFIC - MALAYSIA (SABAH &amp; SARAWAK)</b> <b>BINTULU</b> <b>96441 SEP 2004 0312N 11302E OB 3</b>								<b>SW PACIFIC - MALAYSIA (SABAH &amp; SARAWAK)</b> <b>KOTA KINABALU</b> <b>96471 SEP 2004 0556N 11603E OB 3</b>								<b>SW PACIFIC - MALAYSIA (SABAH &amp; SARAWAK)</b> <b>TAWAU</b> <b>96481 SEP 2004 0416N 11753E OB 3</b>										
030	23847	5	-58.3	30.6	9	55	275	4	030	23827	1	-58.4	31.3	3	53	124	3	030	23831	1	-58.2	30.5	2	9	292	1
050	20676	3	-64.1	27.2	8	63	260	4	050	20662	0	-64.0	27.2	1	33	71	2	050	20663	0	-64.1	28.3	1	29	240	2
100	16561	1	-77.7	12.8	5	75	84	9	100	16557	0	-77.5	12.9	0	82	85	10	100	16554	0	-77.4	14.5	0	69	85	8
150	14210	1	-68.0	11.6	4	93	77	15	150	14207	0	-68.3	11.9	0	94	76	16	150	14201	0	-68.2	13.8	0	90	73	14
200	12424	1	-53.6	10.3	3	96	75	14	200	12423	0	-53.8	11.2	0	92	79	13	200	12416	0	-53.9	14.9	0	91	77	13
300	9683	0	-30.8	10.4	2	95	88	10	300	9684	0	-30.9	12.2	0	93	87	9	300	9680	0	-31.2	16.3	0	95	88	10
500	5861	0	-5.7	6.3	0	85	90	6	500	5861	0	-5.6	8.1	0	87	96	6	500	5859	0	-5.7	10.2	0	85	86	7
700	3148	0	9.0	4.8	0	52	98	3	700	3147	0	9.2	5.8	0	63	110	3	700	3145	0	9.1	6.8	0	60	101	3
850	1509	0	18.2	6.1	0	17	285	1	850	1508	0	18.1	5.7	0	34	183	1	850	1508	0	18.2	7.2	0	53	154	2
1008	*	5	25.5	2.6					1010	*	3	25.8	3.0					1009	*	20	26.1	5.2				
<b>SW PACIFIC - AUSTRALIA (OCEAN ISLANDS)</b> <b>COCOS ISLAND AERO</b> <b>96996 SEP 2004 1211S 09649E OB 3</b>																										
030	23758	8	-57.0	25.8																						
050	20587	7	-65.5	19.5	9	93	264	9																		
100	16515	6	-78.5	11.2	8	20	98	2																		
150	14165	5	-68.8	10.8	6	72	340	8																		
200	12385	5	-54.5	11.3	6	74	331	8																		
300	9657	4	-31.8	15.1	4	54	327	4																		
500	5846	4	-6.0	16.0	4	54	347	4																		
700	3137	4	8.8	11.4	4	34	16	2																		
850	1511	4	14.2	3.2	5	92	89	8																		
1013	*	3	24.8	3.7																						

# UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
hPa	gpm		° C	° C		%	°	mps	hPa	gpm		° C	° C		%	°	mps	hPa	gpm		° C	° C		%	°	mps		
<b>EUROPE - HUNGARY</b> <b>BUDAPEST/LORINC</b> 12843 AUG 2004 4726N 01911E OB 3									<b>EUROPE - HUNGARY</b> <b>SZEGED</b> 12982 AUG 2004 4615N 02006E OB									<b>ASIA - INDIA</b> <b>GOA/PANJIM</b> 43192 AUG 2004 1529N 07349E OB 3										
030	24288	7	-50.2		8	83	96	5	030	24260	0	-50.7		2	88	96	5	030										
050	20982	5	-53.9		6	63	122	3	050	20967	0	-54.6		2	62	127	2	050										
100	16552	3	-55.0		4	82	264	6	100	16553	0	-55.7		3	85	266	7	100										
150	13954	2	-53.8		3	86	271	11	150	13963	0	-54.1		3	85	278	13	150										
200	12104	1	-53.9		2	77	284	13	200	12114	0	-54.0		2	76	292	14	200										
300	9445	0	-40.8	12.6	1	68	287	11	300	9455	0	-40.5	12.7	1	65	303	12	300	9643	9	-30.2		9	88	76	9		
500	5758	0	-12.7	15.9	1	68	289	7	500	5764	0	-12.7	18.2	1	72	295	8	500	5808	4	-4.1	12.6	4	75	267	5		
700	3110	0	2.8	8.8	0	57	292	4	700	3115	0	2.8	8.0	2	60	296	5	700	3090	2	9.2	7.6	2	93	280	11		
850	1509	0	12.6	5.7	0	40	293	2	850	1512	0	13.2	6.6	3	52	309	3	850	1465	2	16.3	2.0	2	96	282	11		
997	* 139		21.9	9.5					1004	* 83		16.4	1.8					1000	* 60		26.6	2.0						

# STATION LIST RECENT DATA

06030	C	AALBORG	DENMARK & FAROE IS.	08359	C	ALICANTE	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
07005	C	ABBEVILLE	FRANCE	36870	C	ALMATY	KAZAKHSTAN
03091	C	ABERDEEN/DYCEAIRPORT	U KINGDOM	08487	C	ALMERIA/AEROPUERTO	SPAIN
03502	C	ABERPORTH	U KINGDOM	44277	C	ALTAI	MONGOLIA
41112	C	ABHA	SAUDI ARABIA	51076	C	ALTAY	CHINA
72266	C	ABILENE/MUN.,TX.	USA	42071	C	AMRITSAR	INDIA
41217	CT	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	25563	C	ANADYR'	RUSSIAN FEDERATION
62640	C	ABU HAMED	SUDAN	70273	CT	ANCHORAGE/INT.	USA
62795	C	ABU NA'AMA	SUDAN	10291	C	ANGERMUENDE	GERMANY
76805	C	ACAPULCO,GRO.	MEXICO	17130	CT	ANKARA/CENTRAL	TURKEY
80427	C	ACARIGUA	VENEZUELA	60360	C	ANNABA	ALGERIA
63450	CT	ADDIS ABABA-BOLE	ETHIOPIA	70398	C	ANNETTEISLAND	USA
60620	C	ADRAR	ALGERIA	17300	C	ANTALYA	TURKEY
76679	T	AEROP. INTERNACIONALMEXICO,	MEXICO	67083	CT	ANTANANARIVO/IVATO	MADAGASCAR
76644	C	AEROP.INTERNACIONALMERIDA,	MEXICO	85442	CT	ANTOFAGASTA	CHILE
87582	C	AEROPARQUEBS. AS. AERO	ARGENTINA	40718	C	ANZALI	IRAN, ISLAMIC REP
17190	C	AFYON	TURKEY	47575	C	AOMORI	JAPAN
61024	C	AGADEVZ	NIGER	98232	C	APARRI	PHILIPPINES
61974	C	AGALEGA	MAURITIUS	80084	C	APARTADO/LOSCEDROS	COLOMBIA
42647	CT	AHMADABAD	INDIA	83096	C	ARACAJU	BRAZIL
47602	C	AIKAWA	JAPAN	48462	C	ARANYAPRATHET	THAILAND
60560	C	AIN SEFRA	ALGERIA	40357	C	ARAR	SAUDI ARABIA
61499	C	AIOUNEL ATROUSS	MAURITANIA	80099	C	ARAUCA/SANTIAGOPEREZ	COLOMBIA
07761	CT	AJACCIO	FRANCE	83579	C	ARAXA	BRAZIL
31168	C	AJAN	RUSSIAN FEDERATION	84752	C	AREQUIPA	PERU
47582	CT	AKITA	JAPAN	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
42933	C	AKOLA	INDIA	85406	C	ARICA	CHILE
72521	C	AKRON/AKRON-CANTONREG., OH.	USA	10091	C	ARKONA	GERMANY
04063	C	AKUREYRI	ICELAND	10460	C	ARTERN	GERMANY
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	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
31004	CT	ALDAN	RUSSIAN FEDERATION	65376	C	ATAKPAME	TOGO
07139	C	ALENCON	FRANCE	62680	C	ATBARA	SUDAN
40007	C	ALEPPO INT. AIRPORT	SYRIAN ARAB REP	17607	T	ATHALASSA	CYPRUS
71082	T	ALERT UA, N.W.T.	CANADA	16716	C	ATHINAI (AIRPORT)	GREECE

# STATION LIST RECENT DATA

72219	C	ATLANTA/MUN.,GA.	USA	89059	C	BASE BERNARDOO'HIGGINS	CHILE
72407	C	ATLANTIC CITY, NJ.	USA	88963	C	BASE ESPERANZA	ARGENTINA
91925	CT	ATUONA	FRENCH POLY.	89053	C	BASE JUBANY	ARGENTINA
72218	C	AUGUSTA/BUSHFIELD, GA.	USA	89055	C	BASE MARAMBIO (CENTROMET. A	ARGENTINA
72254	C	AUSTIN/ROBERTMUELLER.,TX.	USA	88968	C	BASE ORCADAS	ARGENTINA
08330	C	BADAJAZ/TALAVERALA REAL	SPAIN	89066	C	BASE SAN MARTIN	ARGENTINA
30554	C	BAGDARIN	RUSSIAN FEDERATION	07790	CT	BASTIA	FRANCE
83980	C	BAGE	BRAZIL	44302	C	BAYAN-OVOO	MONGOLIA
71727	C	BAGOTVILLE,QUE.	CANADA	44275	C	BAYANBULAG	MONGOLIA
98328	C	BAGUIO	PHILIPPINES	44352	C	BAYANDELGER	MONGOLIA
87750	C	BAHIA BLANCA AERO	ARGENTINA	44287	C	BAYANHONGOR	MONGOLIA
86033	C	BAHIA NEGRA	PARAGUAY	60571	CT	BECHAR	ALGERIA
41150	C	BAHRAIN (INT. AIRPORT)	BAHRAIN	72412	C	BECKLEY(RALEIGHCTY.MUN),WV.	USA
44265	C	BAITAG	MONGOLIA	54511	CT	BEIJING	CHINA
71926	T	BAKER LAKE UA,N.W.T.	CANADA	60402	C	BEJAJA	ALGERIA
07299	C	BALE-MILHOUSE	FRANCE	82191	C	BELEM	BRAZIL
35796	C	BALHASH	KAZAKHSTAN	82193	T	BELEM (AEROPORTO)	BRAZIL
96633	C	BALIKPAPAN/SEPINGGAN	INDONESIA	03917	C	BELFAST/ALDERGROVEAIRPORT	U KINGDOM
85874	C	BALMACEDA	CHILE	43198	C	BELGAUM/SAMBRA	INDIA
72406	C	BALTIMORE/BALTIMORE-WASHINGT	USA	78583	C	BELIZE/PHILLIPGOLDSTONINTL	BELIZE
61291	C	BAMAKO/SENOU	MALI	89050	C	BELLINGSHAUSEN	USSR
43295	C	BANGALORE	INDIA	03976	C	BELMULLET	IRELAND
48455	CT	BANGKOK	THAILAND	83587	C	BELO HORIZONTE	BRAZIL
96685	C	BANJARMASIN/SYAMSUDDINNOOR	INDONESIA	82246	C	BELTERRA	BRAZIL
41685	C	BAR KHAN	PAKISTAN	40180	C	BEN-GURIONINT. AIRPORT	ISRAEL
82784	C	BARBALHA	BRAZIL	60602	C	BENI ABBES	ALGERIA
80419	C	BARCELONA	VENEZUELA	60518	C	BENI-SAF	ALGERIA
08181	C	BARCELONA/AEROPUERTO	SPAIN	82410	C	BENJAMIN CONSTANT	BRAZIL
82113	C	BARCELOS	BRAZIL	13274	C	BEOGRAD	YUGOSLAVIA
60471	C	BARIKA	ALGERIA	13275	T	BEOGRAD/KOSUTNJAK	YUGOSLAVIA
87765	C	BARILOCHEAERO	ARGENTINA	01317	C	BERGEN/FLORIDA	NORWAY
80440	C	BARINAS	VENEZUELA	10385	C	BERLIN-SCHOENEFELD	GERMANY
29838	C	BARNAUL	RUSSIAN FEDERATION	10384	C	BERLIN-TEMPELHOF	GERMANY
80410	C	BARQUISIMETO	VENEZUELA	40179	T	BET DAGAN	ISRAEL
82571	C	BARRA DO CORDA	BRAZIL	70219	C	BETHEL/BETHEL AIRPORT, AK.	USA
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	68461	C	BETHLEHEM	SOUTH AFRICA
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	42971	CT	BHUBANESWAR	INDIA
83236	C	BARREIRAS	BRAZIL	97560	C	BIAK/MOKMER	INDONESIA
70026	CT	BARROW/W.POST W. ROGERS	USA	12295	C	BIALYSTOK	POLAND
44305	C	BARUUN-URT	MONGOLIA	42165	C	BIKANER	INDIA
44241	C	BARUUNKHARAA	MONGOLIA	72677	C	BILLINGS/LOGANINT., MT.	USA
44213	C	BARUUNTURUUN	MONGOLIA	61017	C	BILMA	NIGER
86011	C	BASE 5 "GRAL A.JARA"	PARAGUAY	72515	C	BINGHAMTON/BROOME CO., NY.	USA
89034	C	BASE BELGRANOII	ARGENTINA	96441	CT	BINTULU	MALAYSIA

# STATION LIST RECENT DATA

61401	C	BIR MOGHREIN	MAURITANIA	96315	CT	BRUNEI AIRPORT	BRUNEI DARUSSALAM
61075	C	BIRNI-N' KONNI	NIGER	80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA
41084	C	BISHA	SAUDI ARABIA	15420	CT	BUCURESTI/IMH	ROMANIA
60525	C	BISKRA	ALGERIA	12843	CT	BUDAPEST/LORINC	HUNGARY
72764	CT	BISMARCK/MUN.,ND.	USA	87585	C	BUENOS AIRES OBSERVATORIO	ARGENTINA
15085	C	BISTRITA	ROMANIA	72528	C	BUFFALO/GREATERBUFFALO,NY.	USA
01028	CT	BJORNOYA	NORWAY	67964	C	BULAWAYO(GOETZ OBSY.)	ZIMBABWE
31510	CT	BLAGOVESCENSK	RUSSIAN FEDERATION	44239	C	BULGAN	MONGOLIA
68442	C	BLOEMFONTEIN AIRPORT	SOUTH AFRICA	08075	C	BURGOS/VILLAFRIA	SPAIN
82024	C	BOA VISTA	BRAZIL	72617	C	BURLINGTON/INTL,VT.	USA
65510	C	BOBO-DIOULASSO	BURKINA FASO	17116	C	BURSA	TURKEY
01152	CT	BODO	NORWAY	98330	C	CABANATUAN	PHILIPPINES
80222	C	BOGOTA/ELDORADO	COLOMBIA	08261	C	CACERES	SPAIN
29282	C	BOGUCANY	RUSSIAN FEDERATION	07027	C	CAEN	FRANCE
65338	C	BOHICON	BENIN	16560	T	CAGLIARI/ELMAS	ITALY
72681	C	BOISE/MUN.,ID.	USA	94287	C	CAIRNS AERO	AUSTRALIA
83288	CT	BOM JESUS DA LAPA	BRAZIL	80442	C	CALABOZO	VENEZUELA
43057	C	BOMBAY/COLABA	INDIA	42807	C	CALCUTTA/ALIPORE	INDIA
43003	T	BOMBAY/SANTACRUZ	INDIA	42809	T	CALCUTTA/DUMDUM	INDIA
31253	C	BOMNAK	RUSSIAN FEDERATION	80259	C	CALI/ALFONSO BONILLA ARAGON	COLOMBIA
65545	C	BONDOKOU	COTE D'IVOIRE	68618	C	CALVINIA	SOUTH AFRICA
23884	C	BOR	RUSSIAN FEDERATION	03808	T	CAMBORNE	U KINGDOM
91929	C	BORA-BORA	FRENCH POLY. ON	71925	T	CAMBRIDGE BAY UA, N.W.T.	CANADA
07510	C	BORDEAUX/MERIGNAC	FRANCE	83612	T	CAMPO GRANDE (AEROPORTO)	BRAZIL
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	83698	C	CAMPOS	BRAZIL
60686	C	BORDJ B.MOKHTAR	ALGERIA	17112	C	CANAKKALE	TURKEY
65516	C	BOROMO	BURKINA FASO	07661	C	CAP CEPET	FRANCE
72509	C	BOSTON/LOGAN INT., MA	USA	71910	C	CAPE DORSET, N.W.T.	CANADA
60515	C	BOU-SAADA	ALGERIA	72304	C	CAPE HATTERAS, NC.	USA
61296	C	BOUGOUNI	MALI	68816	CT	CAPE TOWN INTNL. AIRPORT	SOUTH AFRICA
60417	C	BOUIRA	ALGERIA	80416	C	CARACAS/LACARLOTA	VENEZUELA
07255	C	BOURGES	FRANCE	80415	C	CARACAS/MAIQUETIA AEROP. INT	VENEZUELA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	83592	C	CARATINGA	BRAZIL
61461	C	BOUTILIMIT	MAURITANIA	83498	C	CARAVELAS	BRAZIL
08575	C	BRAGANCA	PORTUGAL	72712	C	CARIBOU/MUN.,ME.	USA
83377	C	BRASILIA	BRAZIL	82765	CT	CAROLINA	BRAZIL
83378	T	BRASILIA (AEROPORTO)	BRAZIL	86580	C	CARRASCO	URUGUAY
30309	C	BRATSK	RUSSIAN FEDERATION	80432	C	CARRIZAL	VENEZUELA
07110	C	BREST	FRANCE	80022	C	CARTAGENA/RAFAEL NUNEZ	COLOMBIA
16320	T	BRINDISI	ITALY	60155	CT	CASABLANCA	MOROCCO
11723	C	BRNO/TURANY	CZECH REP	03967	C	CASEMENT AERODROME	IRELAND
10453	C	BROCKEN	GERMANY	89611	CT	CASEY	AUSTRALIA
94203	CT	BROOME AIRPORT	AUSTRALIA	72569	C	CASPER/NATRON COUNTY I., WY.	USA
72250	C	BROWNSVILLE/INT.,TX.	USA	87222	C	CATAMARCA AERO.	ARGENTINA

# STATION LIST RECENT DATA

83676	C	CATANDUVA	BRAZIL	72360	C	CLAYTON/MUN.,NM.	USA
81405	C	CAYENNE/ROCHAMBEAU	FRENCH GUIANA	07460	C	CLERMONT-FERRAND	FRANCE
94653	C	CEDUNA AIRPORT	AUSTRALIA	15120	CT	CLUJ-NAPOCA	ROMANIA
89056	C	CENTROMET.ANTARTICO''PDTE.ED	CHILE	82425	C	COARI	BRAZIL
87257	C	CERES AERO	ARGENTINA	94711	CT	COBAR	AUSTRALIA
87320	C	CHAMICAL AERO	ARGENTINA	43353	T	COCHIN/WILLINGDON	INDIA
48480	C	CHANTHABURI	THAILAND	96996	CT	COCOS ISLAND AERO	AUSTRALIA
38687	C	CHARDZHEV	TURKMENISTAN	94791	C	COFFS HARBOURMO	AUSTRALIA
72414	C	CHARLESTON/KANAWHA.,WV.	USA	70316	CT	COLD BAY	USA
72208	C	CHARLESTON/MUN.,SC.	USA	43466	C	COLOMBO	SRI LANKA
72314	C	CHARLOTTE/DOUGLAS,NC.	USA	86560	C	COLONIA	URUGUAY
07314	C	CHASSIRON	FRANCE	76458	C	COLONIA JUAN CARRAS-COMAZAT	MEXICO
93986	T	CHATHAM ISLAND	N ZEALAND	72310	C	COLUMBIA,SC.	USA
93987	C	CHATHAM ISLANDS AWS	N ZEALAND	72445	C	COLUMBIA/REGIONAL,MO.	USA
72324	C	CHATTANOOGA/LOVELFIELD, TN	USA	72428	C	COLUMBUS/PORTCOLUMBUS,OH.	USA
47184	C	CHEJU	REP KOREA	76848	C	COMITAN,CHIS.	MEXICO
10577	C	CHEMNITZ	GERMANY	87860	C	COMODORO RIVADAVIA AERO	ARGENTINA
87322	C	CHEPES	ARGENTINA	82861	C	CONCEICAO DO ARAGUAIA	BRAZIL
42515	C	CHERRAPUNJI	INDIA	86134	C	CONCEPCION	PARAGUAY
76750	C	CHETUMAL,Q.ROO	MEXICO	72605	C	CONCORD/MUN.,NH.	USA
72564	C	CHEYENNE,WY.	USA	87395	C	CONCORDIA AERO	ARGENTINA
41768	C	CHHOR	PAKISTAN	15480	C	CONSTANTA	ROMANIA
48327	CT	CHIANG MAI	THAILAND	60419	C	CONSTANTINE	ALGERIA
72530	C	CHICAGO/O'HARE,IL.	USA	85470	C	COPIAPO	CHILE
47971	CT	CHICHIJIMA	JAPAN	71915	T	CORAL HARBOUR UA, N.W.T.	CANADA
84452	C	CHICLAYO	PERU	87344	CT	CORDOBA AERO	ARGENTINA
87213	C	CHILECITO AERO	ARGENTINA	08410	C	CORDOBA/AEROPUERTO	SPAIN
85672	C	CHILLAN	CHILE	03955	C	CORK AIRPORT	IRELAND
38262	C	CHIMBAJ	UZBEKISTAN	80403	C	CORO	VENEZUELA
30758	CT	CHITA	RUSSIAN FEDERATION	72251	C	CORPUS CHRISTI/INT.,TX.	USA
60425	C	CHLEF	ALGERIA	87166	C	CORRIENTES AERO.	ARGENTINA
44259	C	CHOIBALSAN	MONGOLIA	17084	C	CORUM	TURKEY
44298	C	CHOIR	MONGOLIA	65344	C	COTONOU	BENIN
76311	C	CHOIX,SIN.	MEXICO	10496	C	COTTBUS	GERMANY
21946	C	CHOKURDAH	RUSSIAN FEDERATION	85864	C	COYHAIQUE	CHILE
47648	C	CHOSHI	JAPAN	82704	C	CRUZEIRO DO SUL	BRAZIL
93780	C	CHRISTCHURCH	N ZEALAND	80097	C	CUCUTA/CAMILODAZA	COLOMBIA
48517	C	CHUMPHON	THAILAND	83361	C	CUIABA	BRAZIL
47101	C	CHUNCHON	REP KOREA	80420	C	CUMANA	VENEZUELA
71913	T	CHURCHILLUA,MAN.	CANADA	85629	C	CURICO	CHILE
96805	C	CILACAP	INDONESIA	83842	C	CURITIBA	BRAZIL
72421	C	CINCINNATI/GREATERCIN., OH.	USA	83840	T	CURITIBA (AEROPORTO)	BRAZIL
80444	C	CIUDAD BOLIVAR	VENEZUELA	96739	C	CURUG/BUDIARTO	INDONESIA
08348	C	CIUDAD REAL	SPAIN	84686	C	CUZCO	PERU

# STATION LIST RECENT DATA

43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	41515	C	DROSH	PAKISTAN
48855	C	DA NANG	VIET NAM	03969	C	DUBLIN AIRPORT	IRELAND
98325	C	DAGUPAN	PHILIPPINES	52836	C	DULAN	CHINA
61641	CT	DAKAR/YOFF	SENEGAL	72745	C	DULUTH/INT.,MN.	USA
41712	C	DAL BANDIN	PAKISTAN	68588	CT	DURBAN INTNL. AIRPORT	SOUTH AFRICA
44373	C	DALANZADGAD	MONGOLIA	42731	C	DWARKA	INDIA
72259	C	DALLAS-FORTWORTH/FORT.,TX.	USA	67005	C	DZAOUDZI/PAMANZI(MAYOTTE)	COMOROS
42587	C	DALTONGANJ	INDIA	24143	C	DZARDZAN	RUSSIAN FEDERATION
40080	C	DAMASCUS INT.AIRPORT	SYRIAN ARAB REP	68858	C	EAST LONDON	SOUTH AFRICA
62805	C	DAMAZINE	SUDAN	94907	C	EAST SALE AIRPORT	AUSTRALIA
04320	CT	DANMARKSHAVN	GREENLAND	17050	C	EDIRNE	TURKEY
63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA	71119	T	EDMONTON STONY PLAIN, ALTA	CANADA
60390	CT	DAR-EL-BEIDA	ALGERIA	40199	C	EILAT	ISRAEL
94120	CT	DARWIN AIRPORT	AUSTRALIA	28440	C	EKATERINBURG	RUSSIAN FEDERATION
44256	C	DASHBALBAR	MONGOLIA	62337	C	EL ARISH	EGYPT
26544	C	DAUGAVPILS	LATVIA	62760	C	EL FASHER	SUDAN
89571	C	DAVIS	AUSTRALIA	60590	C	EL GOLEA	ALGERIA
72429	C	DAYTON/.COX, OH	USA	60540	C	EL KHEITER	ALGERIA
06260	CT	DE BILT	NETHERLANDS	62771	C	EL OBEID	SUDAN
06235	C	DE KOOY	NETHERLANDS	60559	C	EL OUED	ALGERIA
12882	C	DEBRECEN	HUNGARY	72270	C	EL PASO/INT., TX.	USA
65505	C	DEDUGOU	BURKINA FASO	80437	C	EL VIGIA	VENEZUELA
40045	C	DEIR EZZOR	SYRIAN ARAB REP	60367	C	EL-KALA	ALGERIA
97230	C	DENPASAR/NGURAH-RAI	INDONESIA P	60550	C	ELBAYADH	ALGERIA
41624	C	DERA ISMAIL KHAN	PAKISTAN	12160	C	ELBLAG	POLAND
72546	C	DES MOINES/MUN.,IA.	USA	72486	C	ELY/YELLAND,NV.	USA
72537	C	DETROIT/METROPOLITANMI.	USA	07591	CT	EMBRUN	FRANCE
40416	C	DHAHRAN	SAUDI ARABIA	10200	C	EMDEN-FLUGPLATZ	GERMANY
41923	T	DHAKA	BANGLADESH	76256	C	EMPALME, SON	MEXICO
42404	C	DHUBRI	INDIA	62781	C	EN NAHUD	SUDAN
42314	C	DIBRUGARH/MOHANBARI	INDIA	86297	C	ENCARNACION	PARAGUAY
67009	C	DIEGO-SUAREZ	MADAGASCAR	29263	C	ENISEJSK	RUSSIAN FEDERATION
07280	C	DIJON	FRANCE	24817	C	ERBOGACEN	RUSSIAN FEDERATION
65562	C	DIMBOKRO	COTE D'IVOIRE	44237	C	ERDENEMANDAL	MONGOLIA
63471	C	DIREDAWA	ETHIOPIA	53068	C	ERENHOT	CHINA
17280	CT	DIYARBAKIR	TURKEY	10554	C	ERFURT-BINDERSLEBEN	GERMANY
60670	C	DJANET	ALGERIA	17092	C	ERZINCAN	TURKEY
60535	C	DJELFA	ALGERIA	17096	C	ERZURUM	TURKEY
63862	C	DODOMA	U REP TANZANIA	40800	C	ESFAHAN	IRAN, ISLAMIC REP
41170	C	DOHA INTERNATIONALAIRPORT	QATAR	03162	C	ESKDALEMUIR	U KINGDOM
87648	C	DOLORES AERO	ARGENTINA	87803	C	ESQUEL AERO	ARGENTINA
62650	C	DONGOLA	SUDAN	60220	C	ESSAOUIRA	MOROCCO
65501	C	DORI	BURKINA FASO	10410	CT	ESSEN	GERMANY
10488	C	DRESDEN-KLOTZSCHE	GERMANY	71917	T	EUREKA UA, N.W.T.	CANADA

# STATION LIST RECENT DATA

72594	C	EUREKA, CA.	USA	94403	CT	GERALDTONAIRPORT	AUSTRALIA
72432	C	EVANSVILLE/REG., IN.	USA	08184	C	GERONA/COSTABRAVA	SPAIN
87576	CT	EZEIZA AERO	ARGENTINA	60566	C	GHARDAIA	ALGERIA
65507	C	FADA N'GOURMA	BURKINA FASO	60517	C	GHAZAOUET	ALGERIA
70261	C	FAIRBANKS/INT.	USA	08495	CT	GIBRALTAR	GIBRALTAR
72753	C	FARGO/HECTORFIELD, ND.	USA	94461	CT	GILES	AUSTRALIA
76698	C	FELIPE CARRILLOPUERTO, Q.RO	MEXICO	17034	C	GIRESUN	TURKEY
11155	C	FEUERKOGEL	AUSTRIA	93292	C	GISBORNE AERODROMEAWS	N ZEALAND
10578	C	FICHELBERG	GERMANY	41140	C	GIZAN	SAUDI ARABIA
72637	C	FLINT/BISHOP, MI.	USA	72768	C	GLASGOW/INTL, MT.	USA
82678	CT	FLORIANO	BRAZIL	20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION
83897	C	FLORIANOPOLIS	BRAZIL	43192	CT	GOA/PANJIM	INDIA
82212	C	FONTE BOA	BRAZIL	87880	C	GOBERNADOR GREGORES AERO	ARGENTINA
87162	C	FORMOSA AERO	ARGENTINA	10499	C	GOERLITZ	GERMANY
71945	CT	FORT NELSON UA, B.C.	CANADA	83423	C	GOIANIA	BRAZIL
71934	T	FORT SMITH UA, N.W.T.	CANADA	63331	C	GONDAR	ETHIOPIA
72344	C	FORT SMITH/MUN., AR.	USA	71816	CT	GOOSE UA, NFLD.	CANADA
72533	C	FORT WAYNE/MUN., BAERFL., IN.	USA	02527	T	GOTEBORG/LANDVETTER	SWEDEN
67197	T	FORT-DAUPHIN	MADAGASCAR	02512	C	GOTEBORG/SAVE	SWEDEN
82397	CT	FORTALEZA	BRAZIL	68906	CT	GOUGH ISLAND	SOUTH AFRICA
72389	C	FRESNO/AIR TERM., CA.	USA	07535	C	GOURDON	FRANCE
02226	C	FROSON	SWEDEN	61045	C	GOURE	NIGER
47843	C	FUKUE	JAPAN	94150	CT	GOVE AIRPORT	AUSTRALIA
47807	CT	FUKUOKA	JAPAN	72476	C	GRAND JUNCTION/WALKERF., CO.	USA
91643	CT	FUNAFUTI	TUVALU	72635	C	GRAND RAPIDS/KENT CO., MI.	USA
08522	CT	FUNCHAL	MADEIRA	78954	C	GRANTLEY ADAMS	BARBADOS
60765	C	GABES	TUNISIA	11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA
60745	C	GAFSA	TUNISIA	72645	C	GREEN BAY/A.-STRAUBEL, WI.	USA
65557	C	GAGNOA	COTE D'IVOIRE	72317	C	GREENSBORO/G.-HIGHPT., NC.	USA
44284	C	GAIUUT	MONGOLIA	72312	C	GREENVILLE/SPATANBURGSC	USA
83746	T	GALEAO	BRAZIL	10184	CT	GREIFSWALD	GERMANY
72242	C	GALVESTON, TX.	USA	76612	C	GUADALAJARA, JAL.	MEXICO
94926	C	GANBERRA AMO	AUSTRALIA	87497	C	GUALEGUAYCHUAERO	ARGENTINA
71803	C	GANDER INT. AIRPORT, NFLD.	CANADA	76577	C	GUANAJUATO, GTO.	MEXICO
57993	C	GANZHOU	CHINA	80428	C	GUANARE	VENEZUELA
65522	C	GAOUA	BURKINA FASO	59287	C	GUANGZHOU	CHINA
42410	CT	GAUHATI	INDIA	80448	C	GUASDUALITO	VENEZUELA
62752	C	GEDAREF	SUDAN	60403	C	GUELMA	ALGERIA
10628	C	GEISENHEIM	GERMANY	80423	C	GUIRIA	VENEZUELA
62770	C	GENEINA	SUDAN	02128	C	GUNNARN	SWEDEN
87532	C	GENERAL PICO AERO	ARGENTINA	40360	C	GURIAT	SAUDI ARABIA
06700	C	GENEVE-COINTRIN	SWITZERLAND	40250	C	H-4 'IRWAISHED'	JORDAN
68828	C	GEORGE AIRPORT	SOUTH AFRICA	48820	C	HA NOI	VIET NAM
10567	C	GERA-LEUMNITZ	GERMANY	31735	C	HABAROVSK	RUSSIAN FEDERATION



# STATION LIST RECENT DATA

47678	C	HACHIOJIMA	JAPAN	72425	C	HUNTINGTON,WV	USA
76692	C	HACIENDA YLANG YLANG VER.	MEXICO	72654	C	HURON/HURONREGIONAL,SD.	USA
40373	T	HAFR AL-BATIN	SAUDI ARABIA	44232	C	HUTAG	MONGOLIA
59758	C	HAIKOU	CHINA	43128	CT	HYDERABADAIRPORT	INDIA
40394	C	HAIL	SAUDI ARABIA	15090	C	IASI	ROMANIA
50527	CT	HAILAR	CHINA	80214	C	IBAGUE/PERALES	COLOMBIA
17285	C	HAKKARI	TURKEY	08373	C	IBIZA/ES CODOLA	SPAIN
47430	C	HAKODATE	JAPAN	32411	C	ICA	RUSSIAN FEDERATION
71081	T	HALL BEACH UA,N.W.T.	CANADA	87097	C	IGUAZU AERO	ARGENTINA
89022	CT	HALLEY	U KINGDOM	25248	C	ILIRNEJ	RUSSIAN FEDERATION
94212	C	HALLS CREEK AMO	AUSTRALIA	60640	C	ILLIZI	ALGERIA
40030	C	HAMA	SYRIAN ARAB REP	04339	CT	ILLOQORTOORMIUT(SCORES BYSU	GREENLAND
47755	C	HAMADA	JAPAN	98637	C	ILOILO	PHILIPPINES
43497	C	HAMBANTOTA	SRI LANKA	31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION
10147	C	HAMBURG-FUHLBUETTEL	GERMANY	60611	C	IN AMENAS	ALGERIA
52203	C	HAMI	CHINA	60630	CT	IN SALAH	ALGERIA
10338	C	HANNOVER	GERMANY	60690	C	IN-GUEZZAM	ALGERIA
23933	C	HANTY-MANSIJSK	RUSSIAN FEDERATION	72438	C	INDIANAPOLIS/I.-MUN/WEL.,IN.	USA
02196	C	HAPARANDA	SWEDEN	42754	C	INDORE	INDIA
67774	T	HARARE (BELVEDERE)	ZIMBABWE	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
67775	C	HARARE (KUTSAGA)	ZIMBABWE	72747	CT	INT.FALLS/FALLSINT.MN.	USA
72508	C	HARTFORD/BRADLEYINTL, CT.	USA	71907	CT	INUKJUAQ, QUE	CANADA
60581	C	HASSI-MESSAOUD	ALGERIA	71957	T	INUVIK UA,N.W.T.	CANADA
20891	CT	HATANGA	RUSSIAN FEDERATION	93844	CT	INVERCARGILLAERODROME	N ZEALAND
44207	C	HATGAL	MONGOLIA	80370	C	IPIALES/SANLUIS	COLOMBIA
78988	CT	HATO AIRPORT,CURACAO	CURACAO AND BONAIRE	71909	T	IQUALUIT,N.W.T.	CANADA
72772	C	HELENA/COUNTY-CITY.MT.	USA	84377	C	IQUITOS	PERU
02974	C	HELSINKI-VANTAA	FINLAND	83881	C	IRAI	BRAZIL
62378	CT	HELWAN	EGYPT	83836	C	IRATI	BRAZIL
16754	C	HERAKLION(AIRPORT)	GREECE	68263	T	IRENE	SOUTH AFRICA
91945	C	HEREHERETUE	FRENCH POLY.	30710	C	IRKUTSK	RUSSIAN FEDERATION
71066	C	HIGH LEVEL, ALTA	CANADA	47918	CT	ISHIGAKIJIMA	JAPAN
91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA	85469	CT	ISLA DE PASCUA	CHILE
91285	CT	HILO/GEN.LYMAN, HAWAII,	USA ONIA	85585	C	ISLA JUAN FERNANDEZ	CHILE
94975	CT	HOBART AIRPORT	AUSTRALIA	41571	C	ISLAMABADAIRPORT	PAKISTAN
10962	C	HOHENPEISSENBERG	GERMANY	17240	CT	ISPARTA	TURKEY
93615	C	HOKITIKA AERODROMEAWS	N ZEALAND	17062	CT	ISTANBUL/GOZTEPE	TURKEY
61240	C	HOMBORI	MALI	82445	C	ITAITUBA	BRAZIL
70341	C	HOMER/MUNICIPAL	USA	17220	CT	IZMIR/GUZELYALT	TURKEY
91182	C	HONOLULU,OAHU, HAWAII	USA	47800	C	IZUHARA	JAPAN
51828	C	HOTAN	CHINA	72235	C	JACKSON/ALLENC. THOMP.,MS.	USA
72243	C	HOUSTON/INTERCONTI-NENTAL,	USA	72206	C	JACKSONVILLE/INTNL.,FL.	USA
44218	C	HOVD	MONGOLIA	41715	C	JACOBABAD	PAKISTAN
44285	C	HUIJRT	MONGOLIA	83186	C	JACOBINA	BRAZIL

# STATION LIST RECENT DATA

43041	C	JAGDALPUR	INDIA	02080	C	KARESUANDO	SWEDEN
96745	C	JAKARTA/OBSERVATORY	INDONESIA	62660	C	KARIMA	SUDAN
96749	C	JAKARTA/SOEKARNO-HATTA	INDONESIA	10727	C	KARLSRUHE	GERMANY
24959	CT	JAKUTSK	RUSSIAN FEDERATION	02418	C	KARLSTADFLYGPLATS	SWEDEN
01001	CT	JAN MAYEN	NORWAY	17098	C	KARS	TURKEY
41024	CT	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA	51709	C	KASHI	CHINA
60725	C	JENDOUBA	TUNISIA	62730	C	KASSALA	SUDAN
08451	C	JEREZ DE LA FRONTERA AERO.	SPAIN	17074	C	KASTAMONU	TURKEY
41598	C	JHELUM	PAKISTAN	44454	C	KATHMANDU AIRPORT	NEPAL
60351	C	JIJEL ACHOUAT	ALGERIA	26629	C	KAUNAS	LITHUANIA
60353	C	JIJEL PORT	ALGERIA	61257	C	KAYES	MALI
63402	C	JIMMA	ETHIOPIA	27595	CT	KAZAN'	RUSSIAN FEDERATION
52533	C	JIUQUAN	CHINA	04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND
41756	C	JIWANI	PAKISTAN	10946	C	KEMPTEN	GERMANY
42339	CT	JODHPUR	INDIA	61285	C	KENIEBA	MALI
02929	C	JOENSU	FINLAND	60120	C	KENITRA	MOROCCO
68368	C	JOHANNESBURG INT. AIRPORT	SOUTH AFRICA	16641	C	KERKYRA (AIRPORT)	GREECE
02963	CT	JOKIOINEN	FINLAND	93997	T	KERMADECIS.	N ZEALAND
02550	C	JONKOPING/AXAMO	SWEDEN	40841	C	KERMAN	IRAN, ISLAMIC REP
78762	C	JUAN SANTAMARIA	COSTA RICA	40766	C	KERMANS SHAH	IRAN, ISLAMIC REP
62941	C	JUBA	SUDAN	02805	C	KEVO	FINLAND
84735	C	JULIACA	PERU	72201	C	KEY WEST/INT., FL.	USA
78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST. MAARTEN, ST. EUST	44313	C	KHALKH-GOL	MONGOLIA
87548	C	JUNIN AERO	ARGENTINA	41114	C	KHAMIS MUSHAIT	SAUDI ARABIA
32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION	41718	C	KHANPUR	PAKISTAN
02935	CT	JYVASKYLA	FINLAND	34300	C	KHARKIV	UKRAINE
62810	C	KADUGLI	SUDAN	62721	CT	KHARTOUM	SUDAN
47827	CT	KAGOSHIMA	JAPAN	60476	C	KHENCHELLA	ALGERIA
17255	C	KAHRAMANMARAS	TURKEY	41744	C	KHUZDAR	PAKISTAN
93678	C	KAIKOURA	N ZEALAND	02801	C	KILPISJARVI	FINLAND
60735	C	KAIROUAN	TUNISIA	68438	C	KIMBERLEY	SOUTH AFRICA
93012	C	KAITAIA	N ZEALAND	40417	C	KING FAHAD INT. AIRPORT	SAUDI ARABIA
02897	C	KAJAANI	FINLAND	40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA
30469	C	KALAKAN	RUSSIAN FEDERATION	70326	C	KING SALMON	USA
16726	C	KALAMATA (AIRPORT)	GREECE	45004	CT	KING'S PARK	HONG KONG, CHINA
40001	C	KAMISHLI	SYRIAN ARAB REP	78397	CT	KINGSTON/NORMANMANLEY	JAMAICA
71887	C	KAMLOOPS, B.C.	CANADA	03066	C	KINLOSS	U KINGDOM
47605	C	KANAZAWA	JAPAN	30230	CT	KIRENSK	RUSSIAN FEDERATION
65306	C	KANDI	BENIN	61270	C	KITA	MALI
47105	C	KANGNUNG	REP KOREA	11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA
22165	C	KANIN NOS	RUSSIAN FEDERATION	26509	C	KLAJPEDA	LITHUANIA
61679	C	KAOLACK	SENEGAL	72326	C	KNOXVILLE/MUN., TN.	USA
41780	C	KARACHIA AIRPORT	PAKISTAN	11487	C	KOCELOVICE	CZECH REP
35394	C	KARAGANDA	KAZAKHSTAN	06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK & FAROE IS.

# STATION LIST RECENT DATA

29231	CT	KOLPASEVO	RUSSIAN FEDERATION	72240	C	LAKE CHARLES/MUN.,LA.	USA
10929	C	KONSTANZ	GERMANY	72576	C	LANDER/HUNT,WY.	USA
17244	C	KONYA	TURKEY	60040	C	LANZAROTE/AEROPUERTO	SPAIN
25954	CT	KORF	RUSSIAN FEDERATION	52889	T	LANZHOU	CHINA
91408	C	KOROR, PALAU IS.	USA FEDERATION	98223	C	LAOAG	PHILIPPINES
62772	C	KOSTI	SUDAN	16648	C	LARISSA (AIRPORT)	GREECE
42452	C	KOTA AERODROME	INDIA	17609	C	LARNACA AIRPORT	CYPRUS
48615	CT	KOTA BHARU	MALAYSIA	87563	C	LAS FLORES AERO	ARGENTINA
96471	CT	KOTA KINABALU	MALAYSIA	60030	C	LAS PALMAS DE GRAN CAN./GAN.	SPAIN
70133	CT	KOTZEBUE,RALPH WIEN	USA	72386	C	LAS VEGAS/MCCARRAN,NV.	USA
91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA	40022	C	LATTAKIA	SYRIAN ARAB REP
61293	C	KOUTIALA	MALI	94968	C	LAUNCESTON AIRPORT	AUSTRALIA
43314	C	KOZHICODE	INDIA	07471	C	LE BUY	FRANCE
12566	C	KRAKOW	POLAND	78925	C	LE LAMENTIN	MARTINIQUE
60514	C	KSAR CHELLALA	ALGERIA	78897	C	LE RAIZET, GUADELOUPE	ST.MARTIN, ST.BARTH
48647	C	KUALA LUMPUR/SUBANG	MALAYSIA	07207	C	LE TALUT	FRANCE
48657	C	KUANTAN	MALAYSIA	12120	CT	LEBA	POLAND
96413	CT	KUCHING	MALAYSIA	03257	C	LEEMING	U KINGDOM
65442	C	KUMASI	GHANA	98444	C	LEGASPI	PHILIPPINES
56778	CT	KUNMING	CHINA	12374	T	LEGIONOWO	POLAND
47418	C	KUSHIRO	JAPAN	10469	C	LEIPZIG-SCHKEUDITZ	GERMANY
28952	C	KUSTANAI	KAZAKHSTAN	83242	C	LENCOIS	BRAZIL
71906	CT	KUUJJUAQ, QUE.	CANADA	03005	CT	LERWICK	U KINGDOM
71905	C	KUUJUARAPIK, QUE.	CANADA	80398	C	LETICIA/VASQUEZCOBO	COLOMBIA
02869	C	KUUSAMO	FINLAND	72422	C	LEXINGTON/BLUEGRASS, KY.	USA
40582	C	KUWAIT INT'L AIRPORT	KUWAIT	55591	CT	LHASA	CHINA
91366	C	KWAJALEIN/BUCHOLZAAF, MARSH	USA	11603	C	LIBEREC	CZECH REP
47158	T	KWANGJU AB	REP KOREA	91165	C	LIHUE, KAUAI, HAWAII	USA EP
33345	C	KYIV	UKRAINE	07015	C	LILLE	FRANCE
33393	C	L'VIV	UKRAINE	67586	C	LILONGWE INT'L AIRPORT	MALAWI
08001	CT	LA CORUNA	SPAIN	84628	CT	LIMA-CALLAO/AEROP.INTERNACI	PERU
71823	T	LA GRANDEIV, QUE.	CANADA	07434	C	LIMOGES	FRANCE
71827	C	LA GRANDE RIVIERE, QUE	CANADA	10393	CT	LINDENBERG	GERMANY
07020	CT	LA HAGUE	FRANCE	61627	C	LINGUERE	SENEGAL
78708	C	LA MESA (SAN PEDRO SULA)	HONDURAS	08579	T	LISBOA/GAGOCOUTINHO	PORTUGAL
76405	C	LA PAZ, B.C.S.	MEXICO	08535	C	LISBOA/GEOF	PORTUGAL
87007	C	LA QUIACA OBSERVATORIO	ARGENTINA	08084	C	LOGRONO/AGONCILLO	SPAIN
87217	C	LA RIOJA AERO.	ARGENTINA	65387	C	LOME	TOGO
85488	C	LA SERENA	CHILE	83766	C	LONDRINA	BRAZIL
87534	C	LABOULAYE	ARGENTINA	94346	C	LONGREACH AIRPORT	AUSTRALIA
96465	C	LABUAN	MALAYSIA	94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA
60545	C	LAGHOUAT	ALGERIA	72295	C	LOS ANGELES/INT.,CA.	USA
41640	C	LAHORE CITY	PAKISTAN	72423	C	LOUISVILLE/STANDIFORD,KY.	USA
08508	T	LAIJES/SANTARITA (ACORES)	PORTUGAL	48930	C	LUANG-PRABANG	LAO PDR

# STATION LIST RECENT DATA

72267	C	LUBBOCK/LUBBOCKINTL, TX.	USA	87692	C	MAR DEL PLATA AERO	ARGENTINA
42369	T	LUCKNOW/AMAUSI	INDIA	82562	C	MARABA	BRAZIL
06770	C	LUGANO	SWITZERLAND	80407	C	MARACAIBO-LACHINITA	VENEZUELA
16597	C	LUQA	MALTA	80413	C	MARACAY - B.A. SUCRE	VENEZUELA
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	61080	C	MARADI	NIGER
03740	C	LYNEHAM	U KINGDOM	87467	C	MARCOS JUAREZ AERO	ARGENTINA
71078	C	LYNN LAKE, MAN.	CANADA	16325	C	MARINA DI GINOSA	ITALY
60467	C	M'SILA	ALGERIA	86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY
40310	C	MA'AN	JORDAN	60230	C	MARRAKECH	MOROCCO
44294	C	MAANTI	MONGOLIA	60506	C	MASCARA METMORE	ALGERIA
82098	C	MACAPA	BRAZIL	40745	C	MASHHAD	IRAN, ISLAMIC REP
43185	C	MACHILIPATNAM	INDIA	61630	C	MATAM	SENEGAL
94367	C	MACKAY MO	AUSTRALIA	47741	C	MATSUE	JAPAN
72217	C	MACON/LEWIS B. WILSON, GA.	USA	47618	C	MATSUMOTO	JAPAN
94998	CT	MACQUARIE ISLAND	AUSTRALIA	47887	C	MATSUYAMA	JAPAN
98646	C	MACTAN	PHILIPPINES	80435	C	MATURIN	VENEZUELA
40430	CT	MADINAH	SAUDI ARABIA	89564	CT	MAWSON	AUSTRALIA
72641	C	MADISON/DANE COUNTY REGIONAL	USA	70231	C	MCGRATH	USA
43279	CT	MADRAS/MINAMBakkam	INDIA	60549	C	MECHERIA	ALGERIA
08221	CT	MADRID/BARAJAS	SPAIN	96035	C	MEDAN/POLONIA	INDONESIA
47624	C	MAEBASHI	JAPAN	60437	C	MEDEA	ALGERIA
40265	T	MAFRAQ	JORDAN	72597	CT	MEDFORD/MEDFORD-JACKSON COU	USA
10361	C	MAGDEBURG	GERMANY	94430	C	MEEKATHARRAAIRPORT	AUSTRALIA
60522	C	MAGHNA	ALGERIA	10548	CT	MEININGEN	GERMANY
61096	C	MAINE-SORO A	NIGER	60150	C	MEKNES	MOROCCO
47750	C	MAIZURU	JAPAN	94866	C	MELBOURNEAIRPORT	AUSTRALIA
67027	C	MAJUNGA	MADAGASCAR	60338	C	MELILLA	SPAIN
91376	C	MAJURO/MARSHALLS. INTL	USA CAR	86440	C	MELO	URUGUAY
41030	C	MAKKAH	SAUDI ARABIA	97014	C	MENADO/DR. SAM RATULANGI	INDONESIA
48665	C	MALACCA	MALAYSIA A	87418	C	MENDOZA AERO	ARGENTINA
08482	C	MALAGA/AEROPUERTO	SPAIN	80425	C	MENE GRANDE	VENEZUELA
62840	C	MALAKAL	SUDAN	56985	C	MENGZI	CHINA
87506	C	MALARGUE AERO	ARGENTINA	08314	C	MENORCA/MAHON	SPAIN
17199	C	MALATYA/BOLGE	TURKEY	86490	C	MERCEDES	URUGUAY
03980	C	MALIN HEAD	IRELAND	80438	C	MERIDA	VENEZUELA
03334	C	MANCHESTER AIRPORT	U KINGDOM	72234	C	MERIDIAN/KEY, MS.	USA
44341	C	MANDALGOVI	MONGOLIA	62306	CT	MERSA MATRUH	EGYPT
43285	T	MANGALORE/PANAMBUR	INDIA	17340	C	MERSIN	TURKEY
65352	C	MANGO	TOGO	48674	C	MERSING	MALAYSIA
82533	C	MANICORE	BRAZIL	16420	C	MESSINA	ITALY
71722	T	MANIWAKI, QUE.	CANADA	76680	C	MEXICO (CENTRAL), D.F.	MEXICO
03797	C	MANSTON	U KINGDOM	72202	C	MIAMI, FL.	USA
76654	C	MANZANILLO, COL.	MEXICO	60195	C	MIDELT	MOROCCO
67341	C	MAPUTO/MAVALANE	MOZAMBIQUE	72265	C	MIDLAND/MIDLANDREG., TX.	USA

# STATION LIST RECENT DATA

16080	T	MILANO/LINATE	ITALY	41675	C	MULTAN	PAKISTAN
94693	C	MILDURA AIRPORT	AUSTRALIA	08430	T	MURCIA	SPAIN
11464	C	MILESOVKA	CZECH REP	08433	C	MURCIA/SANJAVIER	SPAIN
60430	C	MILIANA	ALGERIA	44231	C	MUREN	MONGOLIA
72640	C	MILWAUKEE/GEN.MITCHELL, WI.	USA	22113	CT	MURMANSK	RUSSIAN FEDERATION
47945	CT	MINAMIDAITOJIMA	JAPAN	47899	C	MUROTOMISAKI	JAPAN
47991	CT	MINAMITORISHIMA	JAPAN	72636	C	MUSKEGON/COUNTY,MI.	USA
43369	CT	MINICOY	INDIA	63756	C	MWANZA	U REP TANZANIA
72658	C	MINNEAPOLIS/ST.PAULINTL,MN.	USA	25173	C	MYS SHMIDTA	RUSSIAN FEDERATION
26850	C	MINSK	BELARUS	25399	C	MYS UELEN	RUSSIAN FEDERATION
29866	C	MINUSINSK	RUSSIAN FEDERATION	61049	C	N'GUIGMI	NIGER
96449	C	MIRI	MALAYSIA ERATION	60557	C	NAAMA	ALGERIA
89592	CT	MIRNYJ	USSR N	47817	C	NAGASAKI	JAPAN
72773	C	MISSOULA/JOHNSON-BELLF.,MT.	USA	47636	C	NAGOYA	JAPAN
47585	C	MIYAKO	JAPAN	42867	CT	NAGPUR SONEGAON	INDIA
47927	C	MIYAKOJIMA	JAPAN	47936	CT	NAHA	JAPAN
47830	C	MIYAZAKI	JAPAN	41128	C	NAJRAN	SAUDI ARABIA
68242	C	MMABATHO	SOUTH AFRICA	48431	C	NAKHONRATCHASIMA	THAILAND
72223	C	MOBILE/BATESFIELD, AL.	USA	48400	C	NAKHONSAWAN	THAILAND
30673	C	MOGOCA	RUSSIAN FEDERATION	67237	C	NAMPULA	MOZAMBIQUE
47165	C	MOKPO	REP KOREA	58606	C	NANCHANG	CHINA
72544	C	MOLINE/QUADCITY, IL.	USA	07180	T	NANCY/ESSEY	FRANCE
76342	C	MONCLOVA,COAH.	MEXICO	91680	CT	NANDI	FIJI
07560	C	MONT AIGOUAL	FRANCE	59431	C	NANNING	CHINA
07607	C	MONT-DE-MARSAN	FRANCE	07222	C	NANTES	FRANCE
87393	C	MONTE CASEROS AERO	ARGENTINA	23205	CT	NAR'JAN-MAR	RUSSIAN FEDERATION
78388	C	MONTEGO BAY/SANGSTER	JAMAICA	61233	C	NARA	MALI
76393	C	MONTERREY,N.L.	MEXICO	04270	T	NARSARSUAQ	GREENLAND
83437	C	MONTES CLAROS	BRAZIL	72327	CT	NASHVILLE/METROPOLITAN,TN.	USA
72226	C	MONTGOMERY/DANNELLYAL.	USA	82598	C	NATAL	BRAZIL
07643	C	MONTPELLIER	FRANCE	82599	T	NATAL (AEROPORTO)	BRAZIL
71836	T	MOOSONEE,ONT.	CANADA	71813	C	NATASHQUAN,QUE.	CANADA
61265	C	MOPTI	MALI	65319	C	NATITINGOU	BENIN
76665	C	MORELIA,MICH.	MEXICO	91683	C	NAUSORI	FIJI
27612	CT	MOSKVA	RUSSIAN FEDERATION	41749	C	NAWABSHAH	PAKISTAN
60457	C	MOSTAGANEMVILLE	ALGERIA	47909	CT	NAZE	JAPAN
94821	CT	MOUNT GAMBIER AERO	AUSTRALIA	64700	CT	NDJAMENA	CHAD
88889	T	MOUNT PLEASANT AIRPORT	UK FALKLANDISLANDS	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	10557	C	NEUHAUS A.R.	GERMANY
10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY	89002	CT	NEUMAYER	GERMANY
17292	C	MUGLA	TURKEY	87715	C	NEUQUENAERO	ARGENTINA
42147	C	MUKTESHWARKUMAON	INDIA	10270	C	NEURUPPIN	GERMANY

# STATION LIST RECENT DATA

42182	CT	NEW DELHI/SAFDARJUNG	INDIA	01241	CT	ORLAND	NORWAY
72231	C	NEW ORLEANS/MOISANTINT., LA	USA	72205	C	ORLANDO/JETPORT,FL.	USA
93309	C	NEW PLYMOUTH AWS	N ZEALAND	40712	C	ORUMIEH	IRAN, ISLAMIC REP
72503	C	NEW YORK/LA GUARDIA,NY.	USA	47772	C	OSAKA	JAPAN
48877	C	NHA TRANG	VIET NAM	47122	T	OSAN AB	REP KOREA
61052	CT	NIAMEY-AERO	NIGER	10480	C	OSCHATZ	GERMANY
07690	C	NICE	FRANCE	47675	C	OSHIMA	JAPAN
17250	C	NIGDE	TURKEY	01384	C	OSLO/GARDERMOEN	NORWAY
02942	C	NIINISALO	FINLAND	11782	C	OSTRAVA/MOSNOV	CZECH REP
32618	C	NIKOL'SKOE	RUSSIAN FEDERATION	20674	CT	OSTROV DIKSON	RUSSIAN FEDERATION
31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION	21432	C	OSTROV KOTEL'NYJ	RUSSIAN FEDERATION
98429	C	NINOY AQUINO INTER- NATIONAL	PHILIPPINES	20069	C	OSTROV VIZE	RUSSIAN FEDERATION
61230	C	NIOU DU SAHEL	MALI	65503	C	OUAGADOUGOU	BURKINA FASO
23724	C	NJAKSIMVOL'	RUSSIAN FEDERATION	65502	C	OUAHIGOUYA	BURKINA FASO
41710	C	NOKKUNDI	PAKISTAN	60580	C	OUARGLA	ALGERIA
70200	CT	NOME	USA	60265	C	OUARZAZATE	MOROCCO
94996	CT	NORFOLK ISLAND AERO	AUSTRALIA	64458	C	OUESSO	CONGO
72308	C	NORFOLK/INT.,VA.	USA	60115	C	OIJDA	MOROCCO
72556	C	NORFOLK/KARLSTEFAN, NE.	USA	02875	C	OULU	FINLAND
71043	CT	NORMAN WELLS UA, N.W.T.	CANADA	60421	C	OUM EL BOUAGHI	ALGERIA
72340	C	NORTH LITTLE ROCK/MUNICIPAL	USA	08015	C	OVIEDO	SPAIN
72562	CT	NORTH PLATTE/LEEBIRD, NE.	USA	47663	C	OWASE	JAPAN
61415	C	NOUADHIBOU	MAURITANIA	91765	CT	PAGO PAGO/INT. AIRPORT	SAMOA
61442	C	NOUAKCHOTT	MAURITANIA	96109	C	PAKANBARU/SIMPANGTIGA	INDONESIA
91592	CT	NOUMEA (NLE-CALEDONIE)	N CALEDONIA	48955	C	PAKSE	LAO PDR
89512	C	NOVOLAZAREVSKAJA	USSR	96221	C	PALEMBANG/TALANGBETUTU	INDONESIA
10763	C	NUERNBERG	GERMANY	08306	C	PALMA DE MALLORCA/SONSAN JU	SPAIN
04250	C	NUUK (GODTHAAB)	GREENLAND	80479	C	PALMICHAL	VENEZUELA
62790	C	NYALA	SUDAN	40061	C	PALMYRA	SYRIAN ARAB REP
33837	C	ODESA	UKRAINE	97072	C	PALU/MUTIARA	INDONESIA
31088	CT	OHOTSK	RUSSIAN FEDERATION	43363	C	PAMBAN	INDIA
47815	C	OITA	JAPAN	41739	C	PANJGUR	PAKISTAN
24688	C	OJMJAKON	RUSSIAN FEDERATION	41560	C	PARACHINAR	PAKISTAN
24125	CT	OLENEK	RUSSIAN FEDERATION	65330	C	PARAKOU	BENIN
72792	C	OLYMPIA, WA.	USA	87374	C	PARANA AERO	ARGENTINA
47655	C	OMAEZAKI	JAPAN	93417	CT	PARAPARAUMUAERODROME	N ZEALAND
44215	C	OMNO-GOBI	MONGOLIA	82287	C	PARNAIBA	BRAZIL
28698	CT	OMSK	RUSSIAN FEDERATION	41759	C	PASNI	PAKISTAN
47598	C	ONAHAMA	JAPAN	87289	C	PASO DE LOS LIBRES AERO	ARGENTINA
91699	C	ONO-I-LAU	FIJI	86460	C	PASO DE LOS TOROS	URUGUAY
87016	C	ORAN AERO	ARGENTINA	42492	T	PATNA	INDIA
60461	C	ORAN PORT	ALGERIA	82791	C	PATOS	BRAZIL
60490	C	ORAN/ES SENIA	ALGERIA	06610	T	PAYERNE	SWITZERLAND
35121	CT	ORENBURG	RUSSIAN FEDERATION	12942	C	PECS/POGANY	HUNGARY

# STATION LIST RECENT DATA

86097	C	PEDRO JUAN CABALLERO	PARAGUAY	71197	C	PORT-AUX-BASQUES,NFLD.	CANADA
87544	C	PEHUAJO AERO	ARGENTINA	61998	CT	PORT-AUX-FRANCAIS(ILES KERG	OCEAN ISLANDS
48601	CT	PENANG/BAYANLEPAS	MALAYSIA	72698	C	PORTLAND/INT.,OR.	USA
72688	C	PENDLETON,OR.	USA	72606	C	PORTLAND/INTNLJET PORT, ME	USA
72532	C	PEORIA/GREATERPEORIA, IL.	USA	83967	C	PORTO ALEGRE	BRAZIL
80210	C	PEREIRA/MATECANA	COLOMBIA	83971	T	PORTO ALEGRE (AERO- PORTO)	BRAZIL
87852	C	PERITO MORENO AERO	ARGENTINA	83064	C	PORTO NACIONAL	BRAZIL
07747	C	PERPIGNAN	FRANCE	82825	C	PORTO VELHO	BRAZIL
94610	CT	PERTH AIRPORT	AUSTRALIA	82824	T	PORTO VELHO (AEROPORTO)	BRAZIL
41530	C	PESHAWAR	PAKISTAN	08546	C	PORTO/SERRADO PILAR	PORTUGAL
82983	C	PETROLINA	BRAZIL	87178	C	POSADAS AERO.	ARGENTINA
32540	T	PETROPAVLOVSK-KAMCATSKIJ	RUSSIAN FEDERATION	83332	C	POSSE	BRAZIL
72408	C	PHILADELPHIA/INT.,PA.	USA	10379	C	POTSDAM	GERMANY
48378	C	PHITSANULOK	THAILAND	12330	C	POZNAN	POLAND
72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA	48500	C	PRACHUAPKHIRIKHAN	THAILAND
48826	C	PHU LIEN	VIET NAM	11520	CT	PRAHA-LIBUS	CZECH REP
78970	CT	PIARCO INT. AIRPORT, TRINIDAD	TRINIDAD AND TOBAGO	11518	C	PRAHA/RUZYNE	CZECH REP
68174	C	PIETERSBURG	SOUTH AFRICA	16245	T	PRATICA DI MARE	ITALY
87679	C	PIGUE AERO	ARGENTINA	86065	C	PRATS-GIL	PARAGUAY
87349	C	PILAR OBSERVATORIO	ARGENTINA	68262	C	PRETORIA	SOUTH AFRICA
16158	C	PISA/S. GIUSTO	ITALY	11659	C	PRIBYSLAV	CZECH REP
84691	C	PISCO	PERU	11423	C	PRIMDA	CZECH REP
72520	C	PITTSBURGH/GREATERPITT.,PA.	USA	71869	C	PRINCE ALBERT,SASK.	CANADA
84401	C	PIURA	PERU	04390	C	PRINS CHRISTIAN SUND	GREENLAND
61990	C	PLAISANCE(MAURITIUS)	MAURITIUS	72507	C	PROVIDENCE/GREENSTATE, RI.	USA
07117	C	PLOUMANACH	FRANCE	80002	C	PROVIDENCIA (ISLA)/EL EMBRUJ	COLOMBIA
65518	C	PO	BURKINAFASO	84515	C	PUCALLPA	PERU
72578	C	POCATELLO/NUM.,ID.	USA	85574	C	PUDAHUEL	CHILE
13463	C	PODGORICA-GRAD	YUGOSLAVIA	80457	C	PUERTO AYACUCHO	VENEZUELA
61612	C	PODOR	SENEGAL	80139	C	PUERTO CARRENO/A.GUAUQUEA	COLOMBIA
47138	CT	POHANG	REP KOREA	86086	C	PUERTO CASADO	PARAGUAY
07335	C	POITIERS	FRANCE	87896	C	PUERTO DESEADO AERO	ARGENTINA
91348	C	PONAPE, CAROLINE ISLANDS.	USA	78767	C	PUERTO LIMON	COSTA RICA
71095	C	POND INLET, N.W.T.	CANADA	85799	CT	PUERTO MONTT	CHILE
83702	C	PONTA PORA	BRAZIL	85934	CT	PUNTA ARENAS	CHILE
43063	C	POONA	INDIA	70249	C	PUNTILLA	USA
11952	T	POPRAD-GANOVCE	SLOVAKIA	47159	C	PUSAN	REP KOREA
11934	C	POPRAD/TATRY	SLOVAKIA	56137	C	QAMDO	CHINA
80421	C	PORLAMAR (AEROPUERTO INT. DE	VENEZUELA	54857	C	QINGDAO	CHINA
43333	CT	PORT BLAIR	INDIA	50745	C	QIQIHAR	CHINA
68842	CT	PORT ELIZABETH	SOUTH AFRICA	67283	C	QUELIMANE	MOZAMBIQUE
71109	CT	PORT HARDY UA,B.C.	CANADA	41660	C	QUETTA AIRPORT	PAKISTAN
94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA	80144	C	QUIBDO/EL CARANO	COLOMBIA
62641	C	PORT SUDAN	SUDAN	72797	C	QUILLA YUTE,WA.	USA

# STATION LIST RECENT DATA

82586	C	QUIXERAMOBIM	BRAZIL	72483	C	SACRAMENTO/EXECUTIVECA.	USA
60135	C	RABAT-SALE	MOROCCO	06680	C	SAENTIS	SWITZERLAND
40362	C	RAFHA	SAUDI ARABIA	42671	C	SAGAR	INDIA
72306	C	RALEIGH/RALEIGH-DURHAMNC.	USA	60536	C	SAIDA	ALGERIA
93994	C	RAOUL ISLAND KERMADECIS.	N ZEALAND	47740	C	SAIGO	JAPAN
91958	CT	RAPA	FRENCH POLY.	44336	C	SAIKHAN-OVOO	MONGOLIA
72662	C	RAPID CITY/REGIONALAIRPORT,	USA	61980	C	SAINT-DENIS/GILLOT(REUNION)	OCEAN ISLANDS
91843	C	RAROTONGA	COOK ISLANDS	61600	C	SAINT-LOUIS	SENEGAL
22602	C	REBOLY	RUSSIAN FEDERATION	41316	CT	SALALAH	OMAN
82900	CT	RECIFE (CURADO)	BRAZIL	08202	C	SALAMANCA/MATACAN	SPAIN
87270	C	RECONQUISTA AERO	ARGENTINA	23330	CT	SALEHARD	RUSSIAN FEDERATION
07070	C	REIMS	FRANCE	72572	C	SALT LAKE CITY/INTL, UT.	USA
96171	C	RENGAT/JAPURA	INDONESIA	87047	C	SALTA AERO	ARGENTINA
07130	C	RENNES	FRANCE	76390	C	SALTILLO, COAH	MEXICO
72488	C	RENO/INT., NV.	USA	86360	C	SALTO	URUGUAY
87155	CT	RESISTENCIA AERO.	ARGENTINA	86210	C	SALTOS DEL GUAIRA	PARAGUAY
71924	T	RESOLUTEUA, N.W.T.	CANADA	83229	CT	SALVADOR	BRAZIL
04030	C	REYKJAVIK	ICELAND	11150	C	SALZBURG-FLUGHAFEN	AUSTRIA
72401	C	RICHMOND/BYRD, VA.	USA	35925	C	SAM	KAZAKHSTAN
91948	C	RIKITEA	FRENCH POLY.	17030	CT	SAMSUN	TURKEY
44203	C	RINCHINHUMBE	MONGOLIA	61277	C	SAN	MALI
82915	C	RIO BRANCO	BRAZIL	80001	C	SAN ANDRES (ISLA)/SESQUICENT	COLOMBIA
87736	C	RIO COLORADO	ARGENTINA	72263	C	SAN ANGELO/MATHIS, TX.	USA
87453	C	RIO CUARTO AERO	ARGENTINA	80447	C	SAN ANTONIO DEL TACHIRA	VENEZUELA
87925	C	RIO GALLEGOS AERO	ARGENTINA	87784	C	SAN ANTONIO OESTE AERO	ARGENTINA
80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	72253	C	SAN ANTONIO/INT., TX.	USA
40438	C	RIYADH	SAUDI ARABIA	72290	C	SAN DIEGO/LINDBERGH, CA.	USA
72411	C	ROANOKE/MUN., VA.	USA	80450	C	SAN FERNANDO DE APURE	VENEZUELA
86565	C	ROCHA	URUGUAY	72494	C	SAN FRANCISCO/INTL, CA.	USA
72644	C	ROCHESTER/MUN., MN.	USA	87311	C	SAN JUAN AERO	ARGENTINA
72529	C	ROCHESTER/R-MONROECTY., NY.	USA	80431	C	SAN JUAN DE LOS MORROS	VENEZUELA
94374	C	ROCKHAMPTON AERO	AUSTRALIA	78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO AND US
61988	C	RODRIGUES	MAURITIUS	87909	C	SAN JULIAN AERO	ARGENTINA
06190	C	ROENNE	DENMARK & FAROE IS.	87436	C	SAN LUIS AERO	ARGENTINA
87480	C	ROSARIO AERO	ARGENTINA	86185	C	SAN PEDRO	PARAGUAY
03957	C	ROSSLARE	IRELAND	87509	C	SAN RAFAEL AERO	ARGENTINA
10170	C	ROSTOCK-WARNEMUENDE	GERMANY	08027	C	SAN SEBASTIAN/IGUELDO	SPAIN
89062	C	ROTHERA POINT	U KINGDOM	96491	C	SANDAKAN	MALAYSIA
91650	C	ROTUMA	FIJI	71101	C	SANDSPIT, B.C.	CANADA
07037	C	ROUEN	FRANCE	17270	C	SANLIURFA	TURKEY
51777	C	RUOQIANG	CHINA	60020	C	SANTA CRUZ DE TENE- RIFE, CM	SPAIN
28966	C	RUZAEVKA	KAZAKHSTAN	80462	C	SANTA ELENA DE UAIREN	VENEZUELA
96001	C	SABANG/CUTBAU	INDONESIA	08515	C	SANTA MARIA (ACORES)	PORTUGAL
71600	CT	SABLE ISLAND, N.S.	CANADA	80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA



# STATION LIST RECENT DATA

87623	CT	SANTA ROSA AERO	ARGENTINA	40848	C	SHIRAZ	IRAN, ISLAMIC REP
08023	CT	SANTANDER	SPAIN	72248	C	SHREVEPORT/REG.LA.	USA
87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA	41600	C	SIALKOT	PAKISTAN
85577	C	SANTIAGO QUINTA NORMAL	CHILE	26524	C	SIAULIAI	LITHUANIA
78486	C	SANTO DOMINGO	DOMINICAN REP	15260	C	SIBIU	ROMANIA
82106	C	SAO GABRIEL DA CACHOEIRA	BRAZIL	96073	C	SIBOLGA/PINANGSORI	INDONESIA
82280	C	SAO LUIZ	BRAZIL	96421	C	SIBU	MALAYSIA
83781	C	SAO PAULO	BRAZIL	60520	C	SIDI BEL ABBES	ALGERIA
47412	CT	SAPPORO	JAPAN	17210	C	SIIRT	TURKEY
41594	C	SARGODHA	PAKISTAN	61297	C	SIKASSO	MALI
65599	C	SASSANDRA	COTE D'IVOIRE	42619	C	SILCHAR	INDIA
72734	C	SAULT STE. MARIE, MI.	USA	33946	C	SIMFEROPOL'	UKRAINE
72207	C	SAVANNAH/MUNICIPAL,GA.	USA	48698	CT	SINGAPORE/CHANGIAIRPORT	SINGAPORE
48947	C	SAVANNAKHET	LAO PDR	72557	C	SIOUX CITY/MUN.,IA.	USA
65335	C	SAVE	BENIN	72651	C	SIOUX FALLS/FOSS FIELD, SD.	USA
48938	C	SAYABOURY	LAO PDR	71842	C	SIOUX LOOKOUT,ONT.	CANADA
71828	C	SCHEFFERVILLE,QUE.	CANADA	17090	C	SIVAS	TURKEY
10035	CT	SCHLESWIG	GERMANY	62417	C	SIWA	EGYPT
10552	C	SCHMUECKE	GERMANY	60355	C	SKIKDA	ALGERIA
10162	C	SCHWERIN	GERMANY	71069	C	SLAVE LAKE, ALTA	CANADA
98430	C	SCIENCE GARDEN	PHILIPPINES	11903	C	SLIAC	SLOVAKIA
72793	C	SEATTLE/S.-TACOMA,WA.	USA	71950	C	SMITHERS,B.C.	CANADA
41256	CT	SEEB, INTERNATIONALAIRPORT	OMAN	02836	CT	SODANKYLA	FINLAND
61272	C	SEGOU	MALI	15614	CT	SOFIA (OBSERV.)	BULGARIA
25703	CT	SEJMCHAN	RUSSIAN FEDERATION	65361	C	SOKODE	TOGO
96837	C	SEMARANG	INDONESIA	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	16746	C	SOUDA (AIRPORT)	GREECE
47108	C	SEOUL	REP KOREA	60423	C	SOUK AHRAS	ALGERIA
71811	T	SEPT-ILES UA,QUE.	CANADA	72535	C	SOUTH BEND/ST.JOSEPHCO.,IN.	USA
61976	C	SERGE-FROLOW(ILE TROMELIN)	OCEAN ISLANDS	72785	C	SPOKANE/INT.,WA.	USA
60445	C	SETIF	ALGERIA	68512	CT	SPRINGBOK	SOUTH AFRICA
08391	C	SEVILLA/SANPABLO	SPAIN	72439	C	SPRINGFIELD/CAPITAL,IL.	USA
63980	C	SEYCHELLESINT. AIRPORT	SEYCHELLES	42027	CT	SRINAGAR	INDIA
58362	CT	SHANGHAI	CHINA	61986	C	ST. BRANDON(ST. RAPHAEL)	MAURITIUS
03962	C	SHANNON AIRPORT	IRELAND	61901	CT	ST. HELENA IS.	OCEAN ISLANDS
59316	C	SHANTOU	CHINA	72434	C	ST. LOUIS/LAMBERT,ST., MO.	USA
41136	C	SHARURAH	SAUDI ARABIA	70308	C	ST. PAUL	USA
70414	T	SHEMYA AFB	USA	26063	CT	ST. PETERBURG	RUSSIAN FEDERATION
54342	C	SHENYANG	CHINA	11028	C	ST. POELTEN	AUSTRIA
72666	C	SHERIDAN/COUNTY,WY.	USA	71801	T	ST.JOHN'S UA,NLFD	CANADA
47898	C	SHIMIZU	JAPAN	83997	C	ST.VITORIADO PALMAR	BRAZIL
47778	CT	SHIONOMISAKI	JAPAN	01415	CT	STAVANGER/SOLA	NORWAY

# STATION LIST RECENT DATA

71815	T	STEPHENVILLEUA,NFLD	CANADA	76548	C	TAMPICO,TAMPS	MEXICO
72403	T	STERLING,VA.	USA	97876	C	TANAH MERAH	INDONESIA
80475	C	STO.DOMINGO(B.A.)	VENEZUELA	87645	C	TANDIL AERO	ARGENTINA
03026	C	STORNOWAY	U KINGDOM	47837	C	TANEGASHIMA	JAPAN
07190	C	STRASBOURG	FRANCE	60101	C	TANGER(AERODROME)	MOROCCO
10738	C	STUTTGAERT-ECHTERDINGEN	GERMANY	76903	C	TAPACHULA,CHIS.	MEXICO
10739	T	STUTTGAERT/SCHNARRENBURG	GERMANY	84455	C	TARAPOTO	PERU
15360	C	SULINA	ROMANIA	91610	T	TARAWA	KIRIBATI
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	C	TASHKENT	UZBEKISTAN
98653	C	SURIGAO	PHILIPPINES	04360	CT	TASILAQ (AMASSALIK)	GREENLAND
47421	C	SUTTSU	JAPAN	47646	T	TATENO	JAPAN
01008	C	SVALBARDLUFTHAVN	NORWAY	96481	CT	TAWAU	MALAYSIA
94767	C	SYDNEY AIRPORT	AUSTRALIA	96797	C	TEGAL	INDONESIA
23804	CT	SYKTYVKAR	RUSSIAN FEDERATION	78720	C	TEGUCIGALPA	HONDURAS
89532	CT	SYOWA	JAPAN N	40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
72519	C	SYRACUSE/HANCOCK,NY.	USA	85743	C	TEMUCO	CHILE
12205	C	SZCZECIN	POLAND	60410	C	TENES	ALGERIA
12982	CT	SZEGED	HUNGARY	56739	C	TENGCHONG	CHINA
63832	C	TABORA AIRPORT	U REP TANZANIA	94238	C	TENNANTCREEK MET OFFICE	AUSTRALIA
65592	C	TABOU	COTE D'IVOIRE	83492	C	TEOFILO OTONI	BRAZIL
40706	C	TABRIZ	IRAN, ISLAMIC REP	76373	C	TEPEHUANES,DGO	MEXICO
40375	CT	TABUK	SAUDI ARABIA	76556	C	TEPIC,NAY	MEXICO
98550	C	TACLOBAN	PHILIPPINES	82578	C	TERESINA	BRAZIL
84782	C	TACNA	PERU	60318	C	TETUAN/SANIARAMEL	MOROCCO
47133	C	TAEJON	REP KOREA	48946	C	THAKHEK	LAO PDR
98644	C	TAGBILARAN	PHILIPPINES	71867	CT	THE PAS, MAN.	CANADA
83235	C	TAGUATINGA	BRAZIL	16622	C	THESSALONIKI/MIKRA	GREECE
91938	CT	TAHITI-FAAA	FRENCH POLY.	43371	CT	THIRUVANANTHAPURAM	INDIA
61043	C	TAHOUA	NIGER	71079	C	THOMPSON WEATHER OFFICE-MAN.	CANADA
41036	C	TAIF	SAUDI ARABIA	06011	CT	THORSHAVN	DENMARK & FAROE IS.
53772	C	TAIYUAN	CHINA	41314	C	THUMRAIT	OMAN
47891	C	TAKAMATSU	JAPAN	60511	C	TIARET	ALGERIA
91943	C	TAKAROA	FRENCH POLY.	61036	C	TILLABERY	NIGER
70251	C	TALKEETNA	USA	60607	C	TIMIMOUN	ALGERIA
72214	C	TALLAHASSEE/MUN.,FL.	USA	15247	C	TIMISOARA	ROMANIA
26038	C	TALLINN	ESTONIA	02366	C	TIMRA/MIDLANDA	SWEDEN
60680	CT	TAMANRASSET	ALGERIA	60656	C	TINDOUF	ALGERIA
67095	C	TAMATAVE	MADAGASCAR	03100	C	TIREE	U KINGDOM
61687	C	TAMBACOUNDA	SENEGAL	60395	C	TIZI-OUZOU	ALGERIA
38413	C	TAMDY	UZBEKISTAN	60531	C	TLEMCEN (ZENATA)	ALGERIA
72211	C	TAMPA/INT.,FL.	USA	28275	C	TOBOL'SK	RUSSIAN FEDERATION

# STATION LIST RECENT DATA

47662	C	TOKYO	JAPAN	44292	C	ULAAN-BAATOR	MONGOLIA
72536	C	TOLEDO/EXPRESS,OH.	USA	44212	C	ULAAN-GOM	MONGOLIA
76675	C	TOLUCA,MEX	MEXICO	44272	C	ULIASTAI	MONGOLIA
61223	C	TOMBOUCTOU	MALI	47115	C	ULLUNGDO	REP KOREA
76382	C	TORREON,COAH.	MEXICO	44304	C	UNDERKHAAN	MONGOLIA
08238	C	TORTOSA	SPAIN	91652	C	UNDU POINT	FIJI
44225	C	TOSONTSENGEL	MONGOLIA	76225	C	UNIV. DE CHIHUAHUA,CHIHUAHU	MEXICO
60555	C	TOUGGOURT	ALGERIA	68424	C	UPINGTON	SOUTH AFRICA
07630	C	TOULOUSE/BLAGNAC	FRANCE	47426	C	URAKAWA	JAPAN
94294	CT	TOWNSVILLEAERO	AUSTRALIA	51463	CT	URUMQI	CHINA
16429	C	TRAPANI/BIRGI	ITALY	17188	C	USAK	TURKEY
86500	C	TREINTA Y TRES	URUGUAY	87938	C	USHUAIA AERO	ARGENTINA
87828	C	TRELEW AERO	ARGENTINA	30635	C	UST'-BARGUZIN	RUSSIAN FEDERATION
87688	C	TRES ARROYOS	ARGENTINA	25325	C	UST'-OLOJ	RUSSIAN FEDERATION
83618	C	TRES LAGOAS	BRAZIL	61995	T	VACOAS(MAURITIUS)	MAURITIUS
10609	C	TRIER-PETRISBERG	GERMANY	85766	C	VALDIVIA	CHILE
16110	C	TRIESTE	ITALY	80472	C	VALENCIA	VENEZUELA
43418	C	TRINCOMALEE	SRI LANKA	08284	C	VALENCIA/AEROPUERTO	SPAIN
83650	T	TRINDADE(ILHA)	BRAZIL	03953	CT	VALENTIAOBSERVATORY	IRELAND
01025	C	TROMSO/LANGNES	NORWAY	80426	C	VALERA	VENEZUELA
84501	C	TRUJILLO	PERU	08141	C	VALLADOLID	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.	01098	C	VARDO	NORWAY
72274	C	TUCSON/INT.,AZ.	USA	15552	C	VARNA	BULGARIA
87121	C	TUCUMAN AERO	ARGENTINA	26477	C	VELIKIE LUKI	RUSSIAN FEDERATION
98233	C	TUGUEGARAO	PHILIPPINES	83264	C	VERA (GLEBA CELESTE)	BRAZIL
76634	C	TULANCINGO,HGO.	MEXICO	42909	C	VERAVAL	INDIA
67161	C	TULEAR	MADAGASCAR	24266	CT	VERHOJANSK	RUSSIAN FEDERATION
84370	C	TUMBES	PERU	89063	C	VERNADSKY	UKRAINE
80453	C	TUMEREMO	VENEZUELA	16090	C	VERONA/VILLAFRANCA	ITALY
60715	C	TUNIS-CARTHAGE	TUNISIA	72255	C	VICTORIA/VICTORIAREG., TX.	USA
24507	CT	TURA	RUSSIAN FEDERATION	87791	C	VIEDMA AERO	ARGENTINA
40356	C	TURAIF	SAUDI ARABIA	48940	C	VIENTIANE	LAO PDR
38507	C	TURKMENBASHI	TURKMENISTAN	08045	C	VIGO/PEINADOR	SPAIN
02972	C	TURKU	FINLAND	83208	T	VILHENA (AEROPORTO)	BRAZIL
23472	CT	TURUHANSK	RUSSIAN FEDERATION	24641	C	VILJUJK	RUSSIAN FEDERATION
48407	T	UBON RATCHATHANI	THAILAND	60096	C	VILLA CISNEROS	WESTERN SAHARA
06447	C	UCCLE	BELGIUM	87244	C	VILLA DE MARIA DEL RIO SECO	ARGENTINA
16045	C	UDINE/RIVOLTO	ITALY	87328	C	VILLA DOLORES AERO	ARGENTINA
48354	C	UDON THANI	THAILAND	87448	C	VILLA REYNOLDS AERO	ARGENTINA
44214	C	UIGI	MONGOLIA	11212	C	VILLACHERALPE	AUSTRIA
97180	C	UJUNG PANDANG/HASANUDDIN	INDONESIA	76743	C	VILLAHERMOSA,TAB	MEXICO

# STATION LIST RECENT DATA

86233	C	VILLARRICA	PARAGUAY	51431	C	YINING	CHINA
80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA	47744	T	YONAGO	JAPAN
26730	C	VILNIUS	LITHUANIA	47168	C	YOSU	REP KOREA
48845	C	VINH	VIET NAM	72525	C	YOUNGSTOWN,OH.	USA
02590	C	VISBY FLYGPLATS	SWEDEN	98836	C	ZAMBOANGA	PHILIPPINES
83648	C	VITORIA	BRAZIL	44358	C	ZAMYN-UUD	MONGOLIA
83344	C	VITORIA DA CONQUISTA	BRAZIL	81225	C	ZANDERIJ	SURINAME
31960	C	VLADIVOSTOK	RUSSIAN FEDERATION	08160	C	ZARAGOZA/AEROPUERTO	SPAIN
27037	CT	VOLOGDA	RUSSIAN FEDERATION	57083	C	ZHENGZHOU	CHINA
22837	C	VYTEGRA	RUSSIAN FEDERATION	57745	C	ZHIJIANG	CHINA
72256	C	WACO,MADISON-COOPER,TX.	USA	41620	C	ZHOB	PAKISTAN
62751	C	WAD MEDANI	SUDAN	61695	C	ZIGUINCHOR	SENEGAL
03377	C	WADDINGTON	U KINGDOM	61090	C	ZINDER	NIGER
41061	C	WADI AL DAWASSER AIRPORT	SAUDI ARABIA	17022	C	ZONGULDAK	TURKEY
62600	C	WADI HALFA	SUDAN	10961	C	ZUGSPITZE	GERMANY
94910	CT	WAGGA AIRPORT	AUSTRALIA	06660	C	ZURICH(TOWN/VILLE).	SWITZERLAND
47600	CT	WAJIMA	JAPAN	25400	C	ZYRJANKA	RUSSIAN FEDERATION
47401	CT	WAKKANAI	JAPAN				
12375	C	WARSZAWA-OKECIE	POLAND				
72405	C	WASHINGTON/NAT.,VA.	USA				
40400	C	WEJH	SAUDI ARABIA				
72203	C	WEST PALM BEACH/INT.,FL.	USA				
10055	CT	WESTERMARKELSDORF	GERMANY				
71964	CT	WHITEHORSE,UA, Y.T.	CANADA				
72351	C	WICHITA FALLS/SHEPS AFB TX	USA				
11035	CT	WIEN/HOHEWART	AUSTRIA				
72513	C	WILKES-BARRE-SCRANTONPA.	USA				
94776	CT	WILLIAMTOWN AERODROME	AUSTRALIA				
72767	C	WILLISTON/SLOULINFIELD, ND.	USA				
72583	C	WINNEMUCCA/MUN.,NV.	USA				
10474	C	WITTENBERG	GERMANY				
12497	C	WLODAWA	POLAND				
12425	T	WROCLAWI	POLAND				
12424	C	WROCLAWII	POLAND				
57036	C	XI'AN	CHINA				
56571	C	XICHANG	CHINA				
72781	C	YAKIMA/YAKIMA AIR TERM.,WA.	USA				
70361	CT	YAKUTAT	USA				
54292	C	YANJI	CHINA				
91413	C	YAP, CAROLINEIS.	USA				
71603	CT	YARMOUTH,N.S.	CANADA				
40439	C	YENBO	SAUDI ARABIA				
57461	C	YICHANG	CHINA				
53614	C	YINCHUAN	CHINA				

**These and other publications are available from the National Climatic Data Center**

### **Hourly Precipitation Data**

This publication contains hourly precipitation amounts obtained from recording rain gages located at National Weather Service, Federal Aviation Administration, and cooperative observer stations. Published data are displayed in inches and tenths or inches and hundredths at local standard time. **HPD** includes maximum precipitation for nine (9) time periods from 15 minutes to 24 hours, for selected stations.

### **Climatological Data**

Monthly editions contain station daily maximum and minimum temperatures and precipitation. Some stations provide daily snowfall, snow depth, evaporation, and soil temperature data. Each edition also contains monthly summaries for heating and cooling degree days (65 degree F base). The July issue contains a recap of monthly heating degree days and snow data for the preceding July through June.

The Annual issue contains monthly and annual averages of temperature, precipitation, temperature extremes, freeze data, soil temperatures, evaporation, and a recap of monthly cooling degree days.

### **Storm Data**

Monthly issues contain a chronological listing, by states, of occurrences of storms and unusual weather phenomena. Reports contain information on storm paths, deaths, injuries, and property damage. An "Outstanding storms of the month" section highlights severe weather events with photographs, illustrations, and narratives. The December issue includes annual tornado, lightning, flash flood, and tropical cyclone summaries.

### **Monthly Climatic Data for the World**

This publication contains monthly means for temperature, pressure, precipitation, vapor pressure, and sunshine for approximately 2,000 surface data collection stations worldwide and monthly mean upper air temperatures, dew point depressions, and wind velocities for approximately 500 observing sites.

### **Local Climatological Data**

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