

NOVEMBER 2003

VOL. 56 NO. 11



ISSN 0027-0296

MONTHLY

CLIMATIC

DATA

FOR THE WORLD

PREPARED IN COOPERATION WITH THE  
WORLD METEOROLOGICAL ORGANIZATION

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

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

Director  
National Climatic Data Center

**noaa**

National  
Oceanic and  
Atmospheric Administration

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

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

# SURFACE

## NOVEMBER 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>EUROPE</b>																
<b>NORWAY</b>																
01001	JAN MAYEN	7056N	00840W	9	1000.3	1001.5	1.2	4.5	6.1	2.0	16	89	23	4		
01008	SVALBARD LUFTHAVN	7815N	01528E	29	1006.5	1010.0	-6.7	3.6	2.8	.3	4	17	4	4		
01025	TROMSO/LANGNES	6941N	01855E	10	1009.3	1010.4	2.4	3.0	5.8	.9	8	74	-31	2		
01028	BJORNOYA	7431N	01901E	16	1005.3	1007.2	-3	3.4	5.5	1.3	14	56	23	5		
01098	VARDO	7022N	03106E	15	1010.5	1012.3	1.8	3.1	6.0	1.1	9	35	-24	1		
01152	BODO VI	6715N	01422E	20	1009.2	1010.8	3.6	2.4	6.0	.8	9	40	-60	1	33	
01241	ORLAND III	6342N	00936E	7	1008.2	1009.3	4.6	2.0	6.4	.2	4	23	-76	0		
01317	BERGEN/FLORIDA	6023N	00520E	36	1005.4	1009.7	6.8	2.1	8.1	1.1	20	199	-60	2		
01384	OSLO/GARDERMOEN	6012N	01105E	204	989.9	1015.0	1.2	2.7	6.4	1.3	16	107	18	4		
01415	STAVANGER/SOLA	5853N	00538E	9	1009.7	1010.7	6.7	2.1	8.0	.7	13	103	-33	2		
<b>SWEDEN</b>																
02080	KARESUANDO	6826N	02230E	325	972.7	1014.2	-7.1	2.0	3.9	.7	6	14	-20	0	31	
02128	GUNNARN	6458N	01742E	281	981.2	1016.8	-5.1	.5	4.2	.4	6	23	-25	1		
02196	HAPARANDA	6550N	02409E	6	1015.2	1016.0	-1.7	2.5	5.4	1.0	8	31	-28	1	34	
02226	FROSON	6312N	01430E	360	968.1	1014.9	-1.5	.7	5.3	.6	5	28	-3	3	36	
02366	TIMRA/MIDLANDA	6231N	01727E	7	1015.0	1015.5	-1.3	.7	5.5	.5	12	56	1	3		
02418	KARLSTAD FLYGPLATS	5922N	01328E	50	1002.0	1015.3	3.0	1.8	7.1	.9	15	109	38	5	28	50
02512	GOTEBORG/SAVE	5747N	01153E	16	1012.8	1015.0	5.1	1.4	8.5	1.3	11	66	-18	3	33	57
02550	JONKOPING/AXAMO	5745N	01405E	218	988.1	1015.9	3.3	1.8	7.3	.9	13	77	11	4		
02590	VISBY FLYGPLATS	5740N	01821E	41	1010.9	1017.1	5.5	1.6	8.3	1.0	10	52	-5	3	10	21
<b>FINLAND</b>																
02801	KILPISJARVI	6903N	02047E	476	955.1	1014.6	-5.7		4.1		4	19		1		
02805	KEVO	6945N	02702E	101	1001.1	1013.8	-4.8		4.4		2	9		0	8	
02836	SODANKYLA	6722N	02639E	179	993.5	1016.1	-4.1	3.3	4.6		6	21	-18	1	20	
02869	KUUSAMO	6558N	02911E	263	984.1	1017.4	-3.4	2.8	4.8		7	32	-15	2		
02875	OULU	6456N	02522E	15	1014.8	1016.6	-5	2.6	5.6		7	27	-4	3	10	
02897	KAJAANI	6417N	02741E	136	1000.9	1017.8	-1.3	2.5	5.4		11	35	-7	2		
02929	JOENSUU	6240N	02938E	117	1003.8	1018.9	-1	2.6	6.0		14	47	-7	2		
02935	JYVASKYLA	6224N	02541E	145	1000.3	1018.0	.4	2.6	6.1		10	43	-16	2	15	
02942	NIINISALO	6151N	02228E	136	1001.4	1017.2	1.3	2.6	6.6		11	47	-12	3		
02963	JOKIOINEN	6049N	02330E	103	1004.7	1017.7	2.1	2.5	7.0		9	44	-11	2	15	43
02972	TURKU	6031N	02216E	59	1010.1	1017.5	2.8	2.2	7.0		16	71	0	3	14	34
02974	HELSINKI-VANTAA	6019N	02458E	56	1011.5	1018.7	2.8	2.7	7.2		10	46	-26	2	33	92
<b>UNITED KINGDOM</b>																
03005	LERWICK	6008N	00111W	84	993.8	1003.8	7.5	2.4	9.1		22	120	-23	2	52	168
03026	STORNOWAY	5813N	00619W	13	999.5	1001.3	8.1	2.3	8.9		20	103	-30	2	44	102
03066	KINLOSS	5739N	00334W	7	1003.3	1003.9	7.5	2.1	8.2		9	27	-35	1	81	165
03091	ABERDEEN/DYCE AIRPORT	5712N	00213W	65	997.4	1005.4	7.3	2.3	8.6		11	72	-3	3	71	115
03100	TIREE	5630N	00653W	12	1001.6	1002.7	8.9	1.8	10.2		25	184	61	5	54	113
03162	ESKDALEMUIR	5519N	00312W	242	978.1	1007.4	6.6	2.5	8.9		21	207	55	4	41	75
03257	LEEMING	5418N	00132W	40	1005.2	1009.1	7.5	1.6	9.1		11	51	-2	3	64	100

## SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
<b>03302 VALLEY</b>	5315N	00432W	11		1006.9	1008.1	9.7	1.6	10.1		16	92	-7	3	68	103
03334 MANCHESTER AIRPORT	5321N	00217W	68		1001.1	1009.6	8.3	2.0	9.3		14	62	-16	3	64	107
<b>03377 WADDINGTON</b>	5310N	00031W	68		1002.4	1010.7	8.0	2.0	9.4		12	45	-10	3	81	125
03502 ABERPORTH	5208N	00434W	133		993.3	1009.4	8.8	1.3	9.8		17	111	19	4	73	116
03740 LYNEHAM	5130N	00159W	145		994.0	1011.7	8.3	2.0	9.8		15	94	31	5	82	115
03797 MANSTON	5121N	00121E	55		1006.7	1012.7	9.4	2.1	10.3		13	110	45	5	68	94
<b>03808 CAMBORNE</b>	5013N	00519W	88		1000.7	1011.2	10.3		10.9		16	92		3	85	115
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1010.9	1012.1	9.0	2.0	10.2		18	164	80	5	77	103
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		998.0	1005.7	7.7	1.7	9.9		13	89	11	4	74	125
<b>IRELAND</b>																
<b>03953 VALENTIA OBSERVATORY</b>	5156N	01015W	30		1003.3	1006.9	9.9	.8	10.6	.8	26	291	144	6	54	100
03955 CORK AIRPORT	5151N	00829W	162		988.3	1007.9	8.3	1.0	10.1	.8	15	125	16	4	90	135
03957 ROSSLARE	5215N	00620W	25		1005.3	1008.4	9.6	1.2	10.6	1.1	16	105	7	4	101	135
03962 SHANNON AIRPORT	5242N	00855W	20		1004.2	1006.6	9.2	1.6	10.6	1.4	18	111	16	4	75	125
03967 CASEMENT AERODROME	5318N	00626W	93		995.8	1007.0	8.4		9.8		7	54			94	140
03969 DUBLIN AIRPORT	5326N	00615W	85		997.0	1007.3	7.9	.8	9.5	.8	8	55	-9	3	91	125
03973 CONNAUGHT AIRPORT	5345N	00849W	209		980.0	1005.2	6.9		9.6		24	157			74	
03976 BELMULLET	5414N	01000W	10		1002.7	1003.9	9.4	1.4	10.3	1.2	24	166	39	5	57	110
<b>03980 MALIN HEAD</b>	5522N	00720W	25		995.5	1000.8	8.8	1.0	9.8	1.1	19	99	-16	2	60	135
<b>ICELAND</b>																
04030 REYKJAVIK	6408N	02156W	61		987.3	994.8	2.7	1.6	6.0	.5	14	78	6	3	58	
04063 AKUREYRI	6541N	01805W	27		994.1	997.5	.5	.9	5.4	.3	14	81	27	4	16	
04082 AKURNES	6418N	01513W	21		994.0	996.6	3.3		6.6		18	131			6	
<b>GREENLAND</b>																
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	41			1002.8	-4.6	1.3	3.2		6	23	-15			
<b>04250 NUUK (GODTHAAB)</b>	6410N	05145W	70			1000.9	-2.9	.7	2.3		5	26	-48			
<b>04320 DANMARKSHAVN</b>	7646N	01840W	12			1013.1	-16.1	3.8	1.0		6	16	4			
04339 ILLOQQORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1006.8	-6.3		2.9		12	79	60			
<b>04360 TASIILAQ (AMASSALIK)</b>	6536N	03738W	52			1000.1	-1.6	3.1	4.1		11	73	-23			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			998.3	-.1	1.1	4.0							
<b>DENMARK &amp; FAROE IS.</b>																
<b>06011 THORSHAVN</b>	6201N	00646W	55			999.0	6.7	1.9	8.5		18	149	6			
06030 AALBORG	5706N	00951E	13			1014.0	6.7	2.3	8.7		10	66				
<b>06186 KOEBENHAVN/LANDBOHOEJTSKOLEN</b>	5541N	01233E	7			1016.0	7.3		9.0		9	30				
06190 ROENNE	5504N	01445E	16			1017.2	7.2	1.5	9.9		4	23				
<b>NETHERLANDS</b>																
06235 DE KOOY	5255N	00447E	14		1013.2	1013.3	8.2	1.1	10.0	1.3	12	51	-40	1	73	135
<b>06260 DE BILT</b>	5206N	00511E	15		1013.9	1014.2	8.0	2.1	9.7	1.3	10	40	-41	1	69	125
<b>BELGIUM</b>																
06447 UCCLLE	5048N	00421E	104		1002.6	1014.9	8.3	2.3	9.8	1.3	10	65	-13	4	63	98
<b>LUXEMBOURG</b>																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		971.8	1017.4	6.5		8.6		15	48	-35	2	55	100

# SURFACE

# NOVEMBER 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>SWITZERLAND</b>																
06660 ZURICH (TOWN/VILLE) .	4723N	00834E	569		950.7	1018.8	5.4	1.4	7.9	1.2	7	78	-4	3	90	155
<b>06680 SAENTIS</b>	4715N	00921E	2500		748.9	3047 Z	-1.0	3.0	3.4	.3	11	119	-92	1	140	106
06700 GENEVE-COINTRIN	4615N	00608E	416		969.4	1019.6	6.0	1.0	8.1	1.3	8	54	-34	2	84	140
06770 LUGANO	4600N	00858E	276		987.4	1020.8	8.5	1.7	8.9	1.7	12	179	53	4	92	84
<b>FRANCE</b>																
07005 ABBEVILLE	5008N	00150E	77		1004.8	1014.4	8.3		10.0		11	39			66	90
07015 LILLE	5034N	00306E	52		1008.6	1014.4	8.1		9.8		13	55			40	60
07020 LA HAGUE	4943N	00156E	9		1011.1	1012.6	11.6		11.8		12	110				
07027 CAEN	4911N	00027W	78		1005.6	1013.8	9.1	1.6	10.4		13	80	-4	3	80	95
07037 ROUEN	4923N	00111E	157		996.0	1014.7	7.9		9.8		10	53			57	85
07070 REIMS	4918N	00402E	99		1004.8	1015.9	7.7		9.6		8	31			54	80
07110 BREST	4827N	00425W	99		1001.2	1012.7	10.3	1.4	11.2		22	196	76	5	72	90
07117 PLOUMANACH	4850N	00328W	71		1005.6	1012.7	10.9		11.4		17	93				
<b>07130 RENNES</b>	4804N	00144W	37		1008.7	1014.0	10.1		11.0		13	97			78	95
07139 ALENCON	4827N	00007E	144		997.2	1014.7	8.3		10.3		13	83			71	100
07149 PARIS-ORLY	4844N	00224E	96		1004.5	1015.5	8.4		10.0		11	43				
<b>07190 STRASBOURG</b>	4833N	00738E	154		998.7	1017.8	6.7	1.8	8.8		5	40	-6	3	74	130
07207 LE TALUT	4718N	00313W	43		1008.8	1014.0	12.0		12.3		13	140				
07222 NANTES	4710N	00136W	27		1011.1	1014.3	10.1	1.8	11.0		14	108	22	3	82	90
07255 BOURGES	4704N	00222E	166		996.1	1016.2	8.2	1.7	10.1		11	69	10	4	69	90
07280 DIJON	4716N	00505E	227		989.5	1017.7	6.7	1.4	9.1		9	68	4	4	83	124
07299 BALE-MILHOUSE	4736N	00731E	271		984.7	1018.2	6.2		8.2		4	45			92	140
07314 CHASSIRON	4602N	00125W	22		1011.9	1014.9	12.0		12.6		10	82			118	135
07335 POITIERS	4635N	00019E	129		1000.9	1015.5	8.9		10.2		13	88			90	105
07434 LIMOGES	4552N	00111E	402		967.8	1016.0	9.0		9.9		13	83			97	120
07460 CLERMONT-FERRAND	4547N	00310E	332		977.1	1016.6	8.3		9.0		9	47			118	135
07471 LE BUY	4505N	00346E	833		920.3		5.4		7.9		10	67			107	130
07481 LYON/SATOLAS	4544N	00505E	248		988.7	1017.7	8.6		9.0		5	59			94	135
07510 BORDEAUX/MERIGNAC	4450N	00042W	61		1008.6	1015.4	10.9		11.4		12	70	-24	2	95	100
07535 GOURDON	4445N	00124E	264		984.7	1016.2	9.8		10.0		11	88			96	105
07560 MONT AIGOUAL	4407N	00335E	1567		841.5		4.2		6.7		14	0075		6		
07591 EMBRUN	4434N	00630E	876		916.3		6.8		6.4		7	69			134	95
07607 MONT-DE-MARSAN	4355N	00030W	63		1008.5	1015.8	9.9		11.2		10	75			110	120
<b>07630 TOULOUSE/BLAGNAC</b>	4338N	00122E	153		997.0	1016.2	10.9		11.1		11	49	1	3	114	115
07643 MONTPELLIER	4335N	00358E	6		1016.0	1017.0	11.3		11.1		12	260			142	100
07661 CAP CEPET	4305N	00556E	136		1000.6	1016.9	12.8		12.1		7	48				
07690 NICE	4339N	00712E	10		1013.6	1016.9	12.9		11.4		10	56	-48	1	117	75
07747 PERPIGNAN	4244N	00252E	48		1010.9	1016.6	12.5		11.6		5	81	23	4	122	85
07761 AJACCIO	4155N	00848E	9		1015.3	1016.5	13.6		12.6		10	104	9	3	127	95
07790 BASTIA	4233N	00929E	12		1015.4	1016.9	13.7		12.9		12	199			95	75
<b>SPAIN</b>																
08001 LA CORUNA	4322N	00825W	67		1006.5	1014.6	13.8	1.2	12.3	.6	15	297	181	6	106	96
08015 OVIEDO	4321N	00552W	339		974.1	1014.1	11.6	.8	11.4	1.3	15	219	126	6	112	96
08023 SANTANDER	4328N	00348W	59		1007.9	1015.0	13.9	1.4	12.3	1.5	11	116	-48	2	116	115
<b>08027 SAN SEBASTIAN/IGUELDO</b>	4318N	00203W	259		984.2	1014.9	13.0	2.1	10.6	.6	13	134	-41	2	130	129

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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.
08045 VIGO/PEINADOR	4213N	00838W	255		986.4	1017.1	12.0	.9	12.3	.9	17	349	146	5	90	78
08075 BURGOS/VILLAFRIA	4222N	00338W	891		914.4	1489 Y	7.6	1.7	8.9	.8	11	68	6	4	87	79
08084 LOGRONO/AGONCILLO	4227N	00220W	363		974.0	1017.3	9.8	.7	10.2	1.3	11	36	-3	4	103	89
08141 VALLADOLID	4139N	00446W	739		930.9	1016.4	8.7	1.3	9.5	1.3	11	69	17	4	110	95
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		986.2	1017.0	10.9	1.1	10.5	1.1	7	42	6	4	127	90
<b>08181 BARCELONA/AEROPUERTO</b>	4117N	00204E	6		1016.2	1016.7	14.9	2.4	13.5	2.4	3	16	-58	2	143	99
08184 GERONA/COSTA BRAVA	4154N	00246E	129		1001.3	1016.8	12.0	1.6	11.0	-.1	6	33	-48	2	115	78
<b>08202 SALAMANCA/MATACAN</b>	4057N	00530W	795		924.8	1017.0	8.4	1.4	9.4	.7	9	56	12	4	114	86
08221 MADRID/BARAJAS	4027N	00333W	582		949.2	1017.4	9.6	.7	9.5	.7	8	53	-6	3	136	93
08238 TORTOSA	4049N	00030E	50		1009.7	1015.6	14.3	.8	12.0	1.2	6	179	119	5	148	94
08261 CACERES	3928N	00620W	405		971.1	1018.9	12.0	.3	11.3	1.4	9	72	-2	3	102	70
<b>08280 ALBACETE/LOS LLANOS</b>	3857N	00151W	704		936.5	1018.1	10.0	1.4	10.6	1.6	5	24	-14	2	120	81
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1008.7	1016.1	15.3	1.8	12.5	1.4	6	14	-48	2	142	88
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1015.6	1016.2	14.9	1.8	14.9	2.0	5	37	-9	3	139	84
08314 MENORCA/MAHON	3952N	00414E	82		1006.0	1016.1	15.9	1.5	15.1	2.3	6	77	0	3	114	75
08330 BADAJOZ/TALAVERA LA REAL	3853N	00649W	192		994.9	1016.9	13.0	.9	12.6	1.4	9	79	-12	4	108	67
08348 CIUDAD REAL	3859N	00355W	629		944.8	1018.2	10.7	1.7	10.5	.8	7	47	-7	3	91	62
08359 ALICANTE	3822N	00030W	82		1006.5	1016.2	16.1	1.2	13.4	1.7	6	36	-6	3	145	81
08373 IBIZA/ES CODOLA	3852N	00123E	12		1014.1	1016.2	16.3	.8	14.7	1.4	7	98	48	5	151	91
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1012.5	1016.2	15.6		13.3		6	74		3	159	85
<b>08410 CORDOBA/AEROPUERTO</b>	3751N	00451W	92		1006.8	1017.8	14.1	1.2	13.2	1.9	7	71	-16	3	148	84
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1015.9	1016.2	15.2	.9	14.6	1.9	6	93	51	5	149	94
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1014.2	1017.4	15.2	.8	13.6	.6	7	164	56	5	181	99
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1015.7	1016.5	15.8	.7	13.2	.6	7	78	-37	3	165	98
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1012.9	1015.4	16.6	.4	13.2	.2	5	33	2	4	167	90
<b>GIBRALTAR</b>																
08495 GIBRALTAR	3609N	00521W	5		1016.7	1017.3	15.9				7	75		1	159	110
<b>PORTUGAL</b>																
<b>08506 HORTA (ACORES)</b>	3831N	02838W	62		1012.7	1020.1	16.5	-.3	15.0	-.5	18	145	30	4	115	112
<b>08535 LISBOA/GEOP</b>	3843N	00909W	95		1005.0	1016.4	14.7	.2	13.7	.9	9	131	17	4	122	78
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1004.4	1016.4	13.2	.9	12.3	.6	12	263	111	5	124	89
08558 EVORA/C. COORD	3832N	00754W	246		987.9	1017.4	12.5		12.4		10	56			116	
08575 BRAGANCA	4148N	00644W	692		936.4	1018.0	8.8	.8	9.6	.8	12	108	19	4	106	78
<b>GERMANY</b>																
10035 SCHLESWIG	5432N	00933E	48		1009.1	1014.8	6.4	1.5	8.9	1.0	11	51	-54	1	49	98
10055 WESTERMARKELSDORF	5432N	01104E	9		1014.6	1015.7	7.1		9.4		7	31			62	105
10091 ARKONA	5441N	01326E	42		1011.6	1016.8	6.8		8.9		8	36			48	90
<b>10147 HAMBURG-FUHLBUETTEL</b>	5338N	00959E	15		1013.6	1015.5	7.2	2.1	9.0	1.2	7	53	-18	2	58	109
10161 BOLTENHAGEN	5400N	01112E	17		1013.8	1015.9	6.9		9.1		6	25			63	110
10162 SCHWERIN	5339N	01123E	68		1007.8	1016.2	6.7		8.9		8	29		1	58	110
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1014.7	1016.1	7.0	1.7	8.9	1.0	7	25	-27	1	53	102
10184 GREIFSWALD	5406N	01324E	6		1016.1	1016.8	6.2		8.7		8	31		1	47	85
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1013.4	1014.0	7.2		9.4		14	52			53	95
10261 SEEHAUSEN	5254N	01144E	23		1013.3	1016.2	6.5		8.9		5	31			68	140
10270 NEURUPPIN	5254N	01249E	39		1011.7	1017.3	6.4		9.1		5	26		1	56	135
10291 ANGERMUENDE	5302N	01400E	35		1010.7	1017.5	5.7		8.4		4	32			49	95

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
10338 HANNOVER	5228N	00941E	59		1009.0	1016.3	7.6	2.6	9.2	1.4	7	37	-15	1	68	117
10361 MAGDEBURG	5208N	01136E	85		1006.7	1017.2	6.7		8.9		6	21		2	78	140
10379 POTSDAM	5223N	01304E	100		1005.4	1017.8	6.1	1.9	8.6	1.2	6	35	-12	2	71	131
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1011.5	1017.6	6.5		8.7		6	38			69	130
10385 BERLIN-SCHOENEFELD	5223N	01331E	50		1011.4	1017.6	5.9		8.4		6	31			77	
<b>10393 LINDENBERG</b>	5213N	01407E	104		1005.1	1018.3	5.8	1.7	8.5	1.2	6	29	-15	2	88	176
10410 ESSEN	5124N	00658E	161		996.0	1015.5	8.2	2.5	9.2	1.3	12	49	-34	1	83	151
10453 BROCKEN	5148N	01037E	1153		882.4	1454 Y	2.7		6.6		16	103			72	140
10460 ARTERN	5123N	01118E	166		997.6	1018.0	6.2		8.8		4	33			73	160
10469 LEIPZIG-SCHKEUDITZ	5125N	01214E	149		1001.1	1017.8	6.3		8.1		5	30		2	96	195
10474 WITTENBERG	5153N	01239E	106		1004.3	1017.4	6.2		8.6		6	24			76	140
10480 OSCHATZ	5118N	01306E	152		999.4	1018.1	6.3		8.3		4	30			105	180
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		990.1	1018.5	6.3		8.0		8	32			121	205
10496 COTTBUS	5147N	01419E	70		1009.7	1018.2	6.2		8.5		6	31			94	165
10499 GOERLITZ	5110N	01457E	240		989.2	1018.3	5.8	1.9	8.0	1.0	4	24	-27	1	96	168
10548 MEININGEN	5034N	01023E	453		963.4	1018.2	4.7		7.9		7	37		1	75	175
10552 SCHMUECKE	5039N	01046E	948		906.7	1467 Y	2.9		7.0		10	66			69	165
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		978.5	1017.6	5.8		8.3		5	31			85	140
10557 NEUHAUS A.R.	5030N	01108E	268			1467 Y	3.3		7.1		6	52			79	
10567 GERA-LEUMNITZ	5053N	01208E	311		980.0	1017.8	5.7		8.0		3	18			101	150
10577 CHEMNITZ	5048N	01252E	420		967.3	1017.9	6.4		7.7		6	24			116	190
10578 FICHTELBERG	5026N	01257E	1215		877.4	1469 Y	2.2	3.1	6.3	1.1	7	33	-55	1	103	172
10609 TRIER-PETRISBERG	4945N	00640E	273		983.8	1016.0	7.3	2.7	9.2	1.6	10	49	-25	1	56	114
10628 GEISENHEIM	4959N	00757E	123		1002.6	1017.7	7.2	2.1	8.7	1.2	7	38	-11	2	73	146
10727 KARLSRUHE	4902N	00822E	145		1000.2	1017.9	7.2	1.9	9.0	1.3	6	43	-22	2	86	148
10738 STUTTGART- ECHTERDINGEN	4841N	00914E	391		971.2	1018.2	5.7		7.6		7	39		2	104	140
10763 NUERNBERG	4930N	01103E	318		980.3	1019.0	5.4	1.5	7.8	.9	5	23	-21	1	86	151
10870 MUENCHEN, FLUGHAFEN	4822N	01148E	447		964.9	1019.0	4.1	1.3	7.7	1.2	4	25	-30	1	76	127
10929 KONSTANZ	4741N	00911E	447		964.8	1018.7	5.4	1.1	8.4	1.2	7	49	-16	3	53	102
10946 KEMPTEN	4743N	01020E	705		934.7	1018.6	4.1		7.1		5	48			105	120
10961 ZUGSPITZE	4725N	01059E	2962		707.2	3043 Z	-4.3	2.8	2.9	.2	12	78	-80	1	151	114
<b>10962 HOHENPEIßENBERG</b>	4748N	01101E	986		903.4	1481 Y	5.8	3.2	6.8	.9	6	49	-24	2	126	137
<b>AUSTRIA</b>																
11028 ST. POELTEN	4811N	01537E	284		984.7	1019.3	5.4		7.6	.8	4	26	-23	2	82	139
11035 WIEN/HOHE WART	4814N	01621E	209		994.7	1020.2	6.7		8.5	1.4	5	25	-25	1	70	111
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	593		948.8	1019.8	5.0		7.2		6	38		3	118	135
<b>11146 SONNBLICK</b>	4703N	01257E	3111		696.3	3066 Z	-5.4		2.8	.2	12	141	-56	5	156	130
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		964.9	1019.4	4.4		7.0	.4	5	32	-42	1	107	134
11155 FEUERKOGEL	4749N	01344E	1621		836.3	1488 Y	3.6		5.0		6	56		1	139	135
11212 VILLACHERALPE	4636N	01340E	2160		784.3	1510 Y	-3		4.5		11	168		4	138	120
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		963.9	1021.4	5.3		8.1	1.6	9	97	11	4	42	65
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		976.2	1020.3	5.9		8.7	1.9	7	59	0	3	95	120
<b>CZECH REPUBLIC</b>																
11423 PRIMDA	4940N	01240E	748		930.2		2.7		7.2		3	12		1	41	90
<b>11464 MILESOVKA</b>	5033N	01356E	836		919.9		2.6		7.1		3	8		0	78	130
11487 KOCELOVICE	4928N	01350E	522		956.7	1019.8	3.8		7.4		3	20		1	61	125
11518 PRAHA/RUZYNE	5006N	01415E	380		975.3	1019.9	4.4	1.4	7.4	.8	2	8	-23	0	82	155



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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
11520 PRAHA-LIBUS	5000N	01427E	303		982.9	1020.0	4.7		7.6		2	6		0	84	155
11603 LIBEREC	5046N	01501E	399		970.9	1019.5	5.7		7.9		7	21		0	64	155
11659 PRIBYSLAV	4935N	01546E	536		956.0	1020.5	5.3		7.8		4	21		1	57	130
11723 BRNO/TURANY	4910N	01642E	246		990.8	1020.9	5.8	2.3	8.6	1.8	6	33	-4	3	59	116
11782 OSTRAVA/MOSNOV	4941N	01807E	260		989.0	1020.8	6.2	2.5	8.5	1.7	5	36	-8	2	60	111
<b>SLOVAKIA</b>																
11903 SLIAC	4839N	01909E	315		984.0	1022.6	4.7	1.6	7.9	1.2	9	35	-34	1	72	144
11934 POPRAD/TATRY	4904N	02015E	695		939.1		3.6	2.3	6.9	1.2	3	14	-30	1	115	135
<b>POLAND</b>																
12120 LEBA	5445N	01732E	2		1017.6	1018.3	5.6		8.4		8	33		1	28	
12160 ELBLAG	5410N	01926E	43		1014.1	1019.6	5.7		8.3		5	45		2	34	85
12205 SZCZECIN	5324N	01437E	3		1017.0	1017.9	6.1	1.7	8.5	1.0	5	27	-19	1	40	95
12295 BIALYSTOK	5306N	02310E	151		1002.6	1021.5	4.2	2.0	7.7	1.0	5	52	6	4	33	95
12330 POZNAN	5225N	01650E	92		1008.3	1019.2	5.4	1.6	8.2	1.0	4	25	-14	2	61	153
12375 WARSZAWA-OKECIE	5210N	02058E	107		1007.7	1020.9	4.9	1.7	7.8	.8	4	23	-18	1	63	150
12424 WROCLAW II	5106N	01653E	121		1004.3	1019.8	5.5	1.6	8.2	1.0	7	16	-27	0	70	135
12497 WLODAWA	5133N	02332E	179		999.8	1022.1	4.7		7.9		5	18		1	46	95
12566 KRAKOW	5005N	01948E	237		992.0	1021.4	4.8	1.6	7.8	.9	4	18	-27	1	50	104
<b>HUNGARY</b>																
12843 BUDAPEST/LORINC	4726N	01911E	139		1004.5	1021.8	7.0	2.2	8.6	1.2	4	39	-13	3	93	139
12882 DEBRECEN	4729N	02136E	109		1008.9	1022.3	6.8	2.3	8.5	1.1	7	30	-15	2	105	150
12942 PECS/POGANY	4606N	01814E	203		996.8	1021.7	7.5	2.4	8.1	.6	5	63	7	4	111	137
12982 SZEGED	4615N	02006E	83		1011.9	1022.1	7.0	1.9	8.9	1.3	5	33	-8	3	98	123
<b>SLOVENIA</b>																
14008 KREDARICA	4623N	01351E	2515		749.7	3058 Z	-1.6		3.8		9	90		2	117	105
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	298		985.0	1021.0	8.2		9.0		10	131		3	50	85
<b>CROATIA</b>																
14236 ZAGREB/GRIC	4549N	01559E	162		1000.7	1020.4	9.2		9.7		8	13		2	87	130
14445 SPLIT/MARJAN	4331N	01626E	128		1003.7	1019.0	14.2		10.7		8	92		3	132	95
<b>BOSNIA AND HERZGOVINA</b>																
14654 SARAJEVO/BEJELAVE	4352N	01826E	638		946.5	1022.1	7.3	2.0	8.1	1.2	8	35	-59	1	92	114
<b>YUGOSLAVIA</b>																
13274 BEOGRAD	4448N	02028E	132		1005.8	1021.9	9.2	2.2	9.0	1.3	3	23	-31	1	102	115
13463 PODGORICA-GRAD	4226N	01917E	50		1015.1	1022.1	13.6		10.9		9	255		4	118	90
<b>ROMANIA</b>																
15085 BISTRITA	4708N	02430E	367		978.3	1023.2	4.7	1.5	7.2	.4	7	37	-10	2	134	172
15090 IASI	4710N	02738E	104		1010.8	1023.5	5.5	1.2	7.6	.3	1	4	-31	1	49	67
15120 CLUJ-NAPOCA	4647N	02334E	413		973.1	1023.4	4.6	2.2	7.1	.6	6	39	9	4	71	96
15247 TIMISOARA	4546N	02115E	88		1010.9	1021.5	7.5	1.9	8.2	.4	5	31	-17	2	82	95
15260 SIBIU	4548N	02409E	444		969.0	1023.1	5.4	1.7	7.2	.3	3	20	-14	2	78	94
15360 SULINA	4509N	02940E	9		1021.9	1022.6	8.0	.2	9.9	.4	2	11	-11	2	44	51

# 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.
							°C	°C	mb	mb	mm	mm	mm	mm	hr	
15420 BUCURESTI/IMH	4430N	02608E	91		1011.1	1023.1	6.4	1.2	8.5	.7	6	69	20	5	81	93
15480 CONSTANTA	4413N	02838E	14		1022.3	1023.9	8.7	.7	10.3	.9	6	26	-16	2	56	55
<b>BULGARIA</b>																
15552 VARNA	4312N	02755E	43		1017.3	1022.6	9.0	.2	9.7	.5	4	34	-16	3	83	80
15614 SOFIA (OBSERV.)	4239N	02323E	595		952.3	1023.3	6.6	1.5	8.0	1.1	4	70	17	4	121	126
<b>ITALY</b>																
16045 UDINE/RIVOLTO	4559N	01302E	53		1013.6	1019.9	10.1		10.2		7	144	37	5	76	65
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1011.6	1020.0	9.5		10.7		8	99	24	4	92	100
16158 PISA/S. GIUSTO	4341N	01023E	6		1017.0	1017.7	12.5		12.5		12	270	148	6	106	95
16325 MARINA DI GINOSA	4026N	01653E	12		1016.8	1018.2	15.0		15.2		2	36	-15	1		
16420 MESSINA	3812N	01533E	51		1011.7	1018.2	17.8		16.9		8	99	-7	3	137	99
16429 TRAPANI/BIRGI	3755N	01230E	14		1016.5	1016.9	17.0		16.2		11	135	71	5	163	103
<b>MALTA</b>																
16597 LUQA	3551N	01429E	91		1009.8	1018.4	18.0	1.0	15.5	.8	10	85	5	4	171	90
<b>GREECE</b>																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1022.0	1022.6	12.7	1.8	11.7	1.3	4	24	-33	1	96	82
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1018.4	1019.0	16.0	1.8	14.5	1.8	8	114	-66	2	109	82
16648 LARISSA (AIRPORT)	3938N	02225E	74		1012.6	1021.6	12.0	1.2	12.1	1.7	3	8	-50	1	74	59
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1019.0	1020.8	15.6	.2	13.4	1.0	2	65	15	4	113	75
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1018.2	1019.5	15.0	.3	13.3	.6	9	58	-84	1	152	101
16746 SOUDA (AIRPORT)	3529N	02407E	151		1001.4	1019.5	16.4	.8	14.4	1.6	7	158	86	5	116	76
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1014.6	1019.2	17.3	.7	13.9	1.0	6	53	-5	4	147	99
<b>TURKEY</b>																
17022 ZONGULDAK	4127N	03148E	137		1005.4	1022.0	10.8	-1.1	10.4	1.3	10	118	-24	3	93	85
17030 SAMSUN	4117N	03618E	4		1022.7	1023.2	11.5	-1.0	11.1	.9	8	64	-25	2	118	115
17034 GIRESUN	4055N	03823E	37		1016.7	1021.3	11.9	-.7	9.4	-1.0	9	91	-51	1		
17040 RIZE	4102N	04031E	9		1019.7	1020.8	11.7	.1	11.2	.5	14	197	-52	2	70	90
17050 EDIRNE	4140N	02634E	51		1016.7	1023.0	9.1	.0	9.6	.1	1	9	-55	0	92	85
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1018.0	1022.0	10.8	-.8	11.3	.5	7	82	-6	3	92	75
17074 KASTAMONU	4122N	03347E	800		928.1	1022.7	5.2	.0	6.6	-.3	3	8	-21	1	127	110
17084 CORUM	4033N	03457E	776		930.8	1022.6	5.9	-.3	6.7	-.1	3	16	-20	1	139	135
17090 SIVAS	3945N	03701E	1285		875.4	1022.2	5.3	.7	6.5	.4	6	33	-5	2	110	90
17092 ERZINCAN	3945N	03930E	1218		883.8	1023.7	5.2	.2	6.8	.4	6	41	2	4	126	95
17096 ERZURUM	3957N	04110E	1758		826.6	1025.4	-.7	-2.0	4.4	-.6	4	35	-1	5	109	75
17098 KARS	4037N	04306E	1775		824.9	1024.3	.6	.2	4.9	-.1	8	59	34	6	133	95
17112 CANAKKALE	4008N	02624E	6		1022.0	1022.8	11.2	-.7	11.4	.1	1	8	-80	0	138	95
17116 BURSA	4011N	02904E	100		1009.8	1022.0	10.0	-.9	9.6	-.1	7	68	-12	1	129	95
17130 ANKARA/CENTRAL	3957N	03253E	891		918.0	1021.5	8.0	.9	7.5	.4	2	5	-28	1	152	105
17170 VAN	3827N	04319E	1662		834.9	1020.5	4.5	.5	6.5	.9	7	60	18	4	162	95
17188 USAK	3841N	02924E	919		914.0	1020.4	8.5	.7	7.6	-.2	2	29	-29	2		
17190 AFYON	3845N	03032E	1034		902.6	1022.2	7.0	.2	7.3	.2	1	3	-27	1	149	95
17199 MALATYA/BOLGE	3821N	03819E	948		912.4	1022.1	8.1		7.9		5	34		2	148	95
17210 SIIRT	3755N	04157E	896		917.9	1021.4	9.6	-.5	8.3	.8	7	111	30	5	139	90
17220 IZMIR/GUZELYALT	3826N	02710E	29		1016.5	1020.0	14.2	.2	11.9	.6	3	16	-71	1	190	115

# SURFACE

## NOVEMBER 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>17240 ISPARTA</b>	3745N	03033E	997		906.2	1021.5	7.4	.0	7.3	.2	2	14	-32	1	189	120
17244 KONYA	3758N	03233E	1031		902.8	1022.2	6.6	.4	6.3	-.7	2	10	-22	1	185	120
17250 NIGDE	3758N	03441E	1210		883.6	1022.2	6.0	.0	6.8	.7	4	50	20	5	162	105
17255 KAHRAMANMARAS	3736N	03656E	572		952.2	1019.2	11.7	.1	9.5	1.0	5	41	-36	2	129	90
17270 SANLIURFA	3708N	03846E	549		953.9	1017.7	12.7	.2	9.1	.4	5	36	-6	3	177	95
17280 DIYARBAKIR	3753N	04012E	677		940.8	1019.9	8.8	-.6	7.6	-.6	8	63	11	4	169	100
17285 HAKKARI	3734N	04346E	1728		828.8	1017.6	7.0	1.9	6.2	.6	8	92	-4	3	161	110
17292 MUGLA	3713N	02822E	646		943.9	1019.4	11.2	.8	9.5	.2	4	137	2	3	189	120
17300 ANTALYA	3642N	03044E	54		1010.5	1016.6	15.5	.7	11.0	-.4	5	54	-95	2	215	110
17340 MERSIN	3648N	03438E	3		1017.7	1018.1	17.1	2.1	11.7	-.3	3	36	-39	2	210	120
17351 ADANA/BOLGE	3659N	03521E	27		1015.3	1018.6	15.4		10.1		3	22		2	188	100
<b>CYPRUS</b>																
17609 LARNACA AIRPORT	3453N	03338E	2		1017.5	1017.8	17.7	.8	12.7		1	3	-40		216	97
<b>RUSSIAN FEDERATION (EUROPE)</b>																
22113 MURMANSK	6858N	03303E	51		1008.4	1014.9	-1.0	4.0	5.1	1.2	8	17	-24	2	6	
22165 KANIN NOS	6839N	04318E	49		1008.2	1014.4	.3	2.8	5.4	.9	12	49	4	2	0	
22550 ARHANGEL'SK	6430N	04044E	8		1017.7	1018.7	-2.0	2.6	5.1	.9	14	60	6	5	3	
22602 REBOLY	6350N	03049E	182		995.4	1018.4	-1.4	2.8	4.6	.2	8	45	-6	5	15	
22837 VITEGRA	6101N	03627E	56		1013.9	1021.1	-.3	2.3	5.6	.8	12	63	4	3	15	58
<b>ESTONIA</b>																
26038 TALLINN	5923N	02435E	34		1014.8	1018.9	3.3	2.1			11	44	-24	1	5	17
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26063 ST. PETERBURG	5958N	03018E	6		1019.9	1020.7	2.4	2.3	6.7	1.1	7	57	2	4	21	78
<b>ESTONIA</b>																
26214 VILSANDI	5823N	02149E	6		1017.4	1018.9	5.3	1.4			11	55	-18	2	4	10
26242 TARTU	5818N	02644E	68		1011.4	1020.2	2.3	2.0			12	72	24	5	6	19
<b>LATVIA</b>																
26346 ALUKSNE	5726N	02702E	193		996.2	1021.1	1.3		6.7		16	89				
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26477 VELIKIE LUKI	5621N	03037E	106		1008.6	1021.6	1.8	1.9	6.4	.7	10	52	7		20	54
<b>LITHUANIA</b>																
26509 KLAJPEDA	5544N	02104E	7		1018.3	1019.3	5.0	1.1	7.8	.7	8	42	-48	1	12	30
26524 SIAULIAI	5556N	02319E	107		1006.8	1020.2	3.5	1.7	7.5	1.1	10	47	-11	2	15	36
26629 KAUNAS	5453N	02350E	77		1011.3	1021.0	3.7	1.9	7.7	1.2	7	35	-18	10	24	
26730 VILNIUS	5438N	02506E	156		1002.0	1021.4	3.0	1.8	7.3	1.0	7	30	-27		15	45
<b>BELARUS</b>																
26850 MINSK	5356N	02738E	231		994.7	1022.5	2.4	1.6	6.9	.9	7	25	-27	1	14	39
<b>RUSSIAN FEDERATION (EUROPE)</b>																
27037 VOLOGDA	5919N	03955E	130		1005.9	1022.4	-.8	2.6	5.4	.8	4	29	-14	1	2	6

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## NOVEMBER 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
27199 KIROV	5836N	04938E	158		1003.2	1023.4	-2.2		4.8		12	46		3	11	35
<b>27595 KAZAN'</b>	5536N	04917E	116		1010.0	1025.1	- .8	2.3	5.1	.7	6	21	-23	1	30	73
<b>27612 MOSKVA</b>	5550N	03737E	156		1004.2	1023.8	1.1	2.3	6.2	1.2	9	52	-5			
<b>UKRAINE</b>																
33345 KYIV	5024N	03034E	167		1003.8	1024.6	3.4	1.3	7.1	.8	7	30	-21	2		
33393 L'VIV	4949N	02357E	323		983.6	1023.2	5.0	2.5	7.4	.9	9	37	-9	2	68	121
33506 POLTAVA	4936N	03433E	160		1004.4	1024.5	2.8	1.3	6.9	.7	6	26	-23	2		
33562 VINNYTSIA	4914N	02836E	298		987.3	1024.0	3.3	1.4	7.3	1.1	10	35	-6	3	36	62
<b>33587 UMAN'</b>	4846N	03014E	216		998.0	1024.7	3.7	1.6	7.3	.8	6	21	-22	1		
33631 UZHGOROD	4838N	02216E	124		1008.1	1022.5	7.1	2.5	8.0	1.0	5	31	-27	1	107	170
33658 CHERNIVTSI	4822N	02554E	246		993.2	1023.6	4.5	1.6	7.3	.8	4	14	-22	1	45	66
<b>REPUBLIC OF MOLDOVA</b>																
33815 KISINEV	4701N	02859E	173		1001.4	1023.6	5.4	1.0	7.9	.9	4	10	-30	1	41	55
<b>UKRAINE</b>																
33837 ODESA	4626N	03046E	42		1018.5	1023.7	6.7	.9	8.8	.9	5	25	-17	2	41	53
33846 MIKOLAIV	4702N	03157E	50		1017.6	1023.8	5.4	1.0	8.1	.7	3	8	-28	1		
33889 IZMAIL	4522N	02851E	30		1019.4	1023.1	7.2	1.5	8.7	1.0	5	18	-19	2	47	50
33910 HENICHES'K	4610N	03449E	15		1021.0	1022.9	5.9	.5			7	32	1	3	29	43
<b>33915 ASKANIYA-NOVA</b>	4627N	03353E	30		1019.8	1023.5	5.4	1.0	8.2	.7	5	29	-5	3	53	71
33946 SIMFEROPOL'	4441N	03408E	181		1000.0	1022.2	6.2	-1	8.5	.5	6	58	14	4	80	70
33983 KERCH	4524N	03625E	49		1016.1	1022.2	6.5	-3	8.6	.0	8	37	1	4	69	76
33990 YALTA	4529N	03410E	72		1012.9	1021.7	9.4	-1	9.6	.5	6	30	-38	2	78	79
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34123 VORONEZ	5142N	03913E	149		1006.2	1024.9	1.5		6.2		6	31		3		
34172 SARATOV	5134N	04602E	156		999.7	1025.1	- .4	.8	5.6	.5	8	37	-20	1	12	20
<b>UKRAINE</b>																
34300 KHARKIV	4958N	03608E	155		1005.8	1025.2	2.3	1.0	6.7	.6	6	42	-2	4	12	26
<b>KAZAKHSTAN</b>																
34398 ZHALPAKTAL	4940N	04929E	10		1024.3	1025.6	.5	1.1	5.8	.6	6	16	-14			
<b>UKRAINE</b>																
34519 DONETS'K	4804N	03746E	225		996.4	1024.6	2.5	.5	6.7		6	44	2	4		
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34880 ASTRAHAN'	4617N	04803E	-23		1027.6	1025.2	3.3	.1	6.9	.3	5	44	27	6		
<b>ARMENIA</b>																
37789 YEREVAN	4008N	04428E	907		894.6	1529 Y	6.1	-4	6.9	-1	10	64	42	5	166	120
<b>AZERBAIJAN</b>																
37860 MASHTAGA	4032N	05000E	28		1020.9	1024.3	10.3	.5	10.6	2.1	5	55	19		40	43
<b>UZBEKISTAN</b>																

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
38178 AK-BAJTAL	4309N	06420E	234		995.5	1024.3	4.3	.9	6.5	1.2	5	44	33	6	110	70
<b>SYRIAN ARAB REPUBLIC</b>																
40001 KAMISHLI	3703N	04113E	455		964.6	1019.3	13.5	-1.1	9.5	.7	6	70	33			
40007 ALEPPO INT. AIRPORT	3611N	03712E	384		972.4	1019.7	11.8	-1.5	9.7	.1	7	52	16			
40022 LATTAKIA	3532N	03546E	7		1015.1	1016.0	17.1	-1.4	11.9	.0	8	116	21	0		
40030 HAMA	3507N	03645E	303		983.0	1018.8	12.7	.0	10.7	1.0	8	22	-18			
40045 DEIR EZZOR	3519N	04009E	212		994.9	1020.7	13.3	.0	10.0	1.1	5	29	17			
40061 PALMYRA	3433N	03818E	404		971.4	1018.7	13.0	-1.2	9.3	.6	2	15	1		202	95
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609		947.4	1017.8	13.1	1.3	8.7	.4	3	40	19		190	92
<b>ISRAEL</b>																
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1011.0	1016.5	19.7		13.9		4	28		2		
40199 EILAT	2933N	03457E	12		1015.1	1015.4	22.4	1.3	10.8		0	0	-4	3	231	85
<b>JORDAN</b>																
40310 MA'AN	3010N	03547E	1070		896.5	1514 Y	14.2	.7	10.1	1.9	0	T	-4	3	233	95
<b>ASIA</b>																
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
20069 OSTROV VIZE	7930N	07659E	10		1016.5	1017.9	-21.8	-1.0	.9	-1.4	4	9	-4	2		
20292 G.MO IM.E.K. FEDOROVA	7743N	10418E	15		1011.3	1020.5	-25.2	-2.5			1	3	-10			
20674 OSTROV DIKSON	7330N	08024E	47		1011.2	1017.6	-20.8	-1.9	1.4	-1.1	6	15	-7	2		
20891 HATANGA	7159N	10228E	33		1017.0	1021.6	-28.9	-2.5	.6	-1.2	6	24	4	4	6	
21432 OSTROV KOTEL'NYJ	7600N	13552E	9		1019.2	1021.3	-27.1	-3.9	3.3	2.4		17	8			
23205 NAR'JAN-MAR	6738N	05302E	12		1015.1	1016.6	-6.6	3.1	3.7	.6	13	33	-4	3	5	
23330 SALEHARD	6632N	06640E	16		1016.6	1018.9	-16.7	-1.2	1.8	-1.2	11	24	-3		10	
23472 TURUHANSK	6547N	08756E	38		1015.6	1020.9	-24.1	-5.5	1.0	-1.6	11	35	-11		41	
23552 TARKO-SALE	6455N	07749E	27		1015.8	1019.6	-21.8	-5.6	1.3	-1.7	8	25	-14		16	
23724 NJAKSIMVOL'	6226N	06052E	51		1015.0	1021.8	-10.5	.7	2.6	.0	10	26	-14		40	
23804 SYKTYVVKAR	6143N	05050E	119		1006.4	1021.7	-3.7	2.7	4.3	.6	14	44	-3	3	17	77
23884 BOR	6136N	09001E	58		1014.3	1022.2	-18.8	-4.2	1.5	-1.7	17	55	-4	2	49	153
23933 HANTY-MANSIJSK	6101N	06902E	46		1015.9	1022.2	-12.0	-1.4	2.4	-1.5	7	19	-22		36	82
24125 OLENEK	6830N	11226E	220		994.6	1025.6	-28.8	-1.3	.5	-1.1	3	8	-10		8	
24143 DZARDZAN	6844N	12400E	39		1020.0	1025.5	-30.1	.1	.5	.0	2	11	-8			
24266 VERHOJANSK	6733N	13323E	137		1007.4	1027.2	-34.1	2.6	.5	.2	6	17	7		6	
24507 TURA	6416N	10014E	168		1000.2	1026.2	-28.1	-3.1	.7	-1.3	9	28	2	5	30	
24641 VILJUJSK	6346N	12137E	111		1010.4	1026.1	-27.1	.1	.6	-1.2	3	10	-8		46	
24688 OJMJAON	6315N	14309E	741		925.9	1029.6	-36.1	1.1	.4	.1	7	20	9		45	
24738 SUNTAR	6209N	11739E	133		1007.0	1026.7	-25.4	-1.7	.9	-1.2	1	7	-11		82	
24817 ERBOGACEN	6116N	10801E	291		985.9	1025.2	-22.1	-1.0	1.2	-1.1	6	18	-7		68	117
24959 JAKUTSK	6201N	12943E	101		1011.5	1025.8	-28.2	1.0	.5	-1.1	1	6	-9		94	
25173 MYS SHMIDTA	6854N	17922W	4		1011.7	1012.2	-14.1	2.5	2.2	.5	10	31	-18			
25248 ILIRNEJ	6715N	16758E	353		970.5	1018.8	-25.2	3.2	1.0	.3	4	6	-15			
25325 UST'-OLOJ	6633N	15925E	127		1001.3	1018.9	-23.9	4.0	1.1	.4	4	10	-12			
25399 MYS UELEN	6610N	16950W	3		1005.6	1006.0	-6.3	2.9	3.9	1.0	12	34	-9		10	
25400 ZYRJANKA	6544N	15054E	43		1015.0	1021.1	-24.4	3.9	1.1	.5	13	52	31		3	

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
25563 ANADYR'	6447N	17734E	61		1000.1	1008.1	-10.5	4.7	3.1	1.1	15	124	97		43	
25703 SEJMCHAN	6255N	15225E	205		990.1	1019.0	-23.2	6.0	.9	.3	14	61	33	5	22	
25744 KAMENSKOE	6226N	16605E	10		1006.5	1007.8	-14.1	4.0	2.0	.4	9	57	22			
25954 KORF	6021N	16600E	4		1003.5	1004.0	-6.9	2.7	3.5	.9	9	63	18	5	80	111
28224 PERM'	5801N	05618E	171		1003.2	1025.3	-5.2		3.9		11	31			51	100
28275 TOBOL'SK	5809N	06815E	50		1017.4	1023.7	-10.5	-2.2	2.6	-.6	8	25	-10		78	130
28440 EKATERINBURG	5650N	06038E	283		989.0	1025.1	-6.3	-.7	3.1	-.3	5	12	-18	1		
<b>KAZAKHSTAN</b>																
28679 PETROPAVLOVSK	5450N	06909E	142		1008.1	1026.8	-9.9	-2.6	2.5	-.9	4	10	-16	2	64	86
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
28698 OMSK	5501N	07323E	122		1009.5	1025.7	-10.1	-2.6	2.5	-.8	8	29	1		112	158
<b>KAZAKHSTAN</b>																
28766 BLACOVESSENSKA	5422N	06658E	151		1006.6	1026.4	-9.1		2.6		5	16		3		
28879 KOKSHETAY	5317N	06923E	229		997.2	1027.1	-7.7	-1.6	2.7	-.7	3	13	-2	0	91	103
28952 KUSTANAI	5313N	06337E	156		1007.5	1027.3	-6.9	-1.4	3.1	-.6	6	11	-13		123	137
28966 RUZAEVKA	5249N	06658E	227		997.7	1027.2	-8.3		2.6		8	19				
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29231 KOLPASEVO	5819N	08257E	75		1012.4	1022.6	-14.2	-3.7	2.1	-.7	14	38	3		54	96
29263 ENISEJSK	5827N	09209E	79		1013.8	1024.4	-13.7	-2.6	2.0	-.5	16	48	3	3	60	136
29282 BOGUCANY	5823N	09727E	133		1007.5	1025.3	-14.5	-2.4	1.8	-.4	11	29	4	5	47	109
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		990.0	1026.0	-9.7		2.2		9	30		2		
<b>KAZAKHSTAN</b>																
29807 IRTYSHSK	5321N	07527E	94		1014.3	1026.7	-9.5	-2.4	2.4	-.9	5	13	-8			
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29838 BARNAUL	5326N	08331E	184		1003.6	1027.8	-9.1	-2.3	2.7	-.6	10	33	-1		100	133
29866 MINUSINSK	5342N	09142E	254		995.1	1028.2	-7.9	.0	2.5	-.3	8	19	7		61	111
30230 KIRENSK	5746N	10804E	259		993.4	1028.6	-19.3	-3.5	1.5	-.4	8	18	-9		75	134
30309 BRATSK	5617N	10145E	416		973.0	1027.1	-11.4	-1.8	2.3	-.4	7	21	0		77	138
30469 KALAKAN	5507N	11646E	613		948.0	1030.0	-22.2	.2	1.1	.1	3	8	1	3	137	122
30554 BAGDARIN	5428N	11335E	903		913.5	1029.3	-19.8	-1.7	1.1	-.1	2	5	0	3		
30635 UST'-BARGUZIN	5325N	10901E	461		967.2	1026.4	-9.7	-1.2	2.6	.1	13	58	23	5		
30673 MOGOCA	5345N	11944E	625		946.2	1029.8	-22.1	-3.3	1.0	-.2	3	8	0	3	156	117
30710 IRKUTSK	5216N	10419E	469		967.9	1028.4	-10.5	-2.1	2.4	-.4	7	25	7		87	94
30758 CHITA	5205N	11329E	671		941.8	1029.3	-16.9	-3.1	1.5	-.2	5	13	8	5	130	97
31004 ALDAN	5837N	12522E	79		989.7	1029.2	-18.6	-.5	.7	-.6	5	13	-24			
31088 OHOTSK	5922N	14312E	6		1009.1	1009.9	-14.3	.3	1.6	.2	2	8	-16	1	123	115
31168 AJAN	5627N	13809E	8		1014.8	1016.0	-12.7	-2.0	1.2	-.4	1	21	-13		114	108
31253 BOMNAK	5443N	12856E	357		975.1	1025.0	-20.3	-.3	1.0	-.4	3	13	-6	1	143	131
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		1007.6	1016.5	-11.2	-.9	2.1	-.2	11	42	-8			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1009.5	1019.2	-13.7	-.1	1.7	-.1	5	19	0		160	120
31510 BLAGOVESSENSK	5015N	12734E	132		1006.1	1023.6	-11.5	-.8	1.9	-.1	9	22	9			
31735 HABAROVSK	4831N	13510E	76		1009.6	1021.4	-8.0	-.3	2.4	-.1	7	46	24		165	104
31960 VLADIVOSTOK	4307N	13154E	183		999.7	1023.5	-.8	.5	4.1	.0	4	15	-23		143	85

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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	
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1014.0	1017.0	- .5	1.5	5.0	.6	11	98	17	4	103	89
32583 PETROPAVLOVSK- KAMCATSKIJ	5259N	15839E	24		1004.1	1007.1	- .8		3.9		7	65		2		
32618 NIKOL'SKOE	5512N	16559E	18		1001.3	1003.5	1.5	1.1	5.8	.6	17	121	46	6	59	102
<b>KAZAKHSTAN</b>																
35067 ESIL'	5153N	06620E	221		999.0	1027.6	-7.4		2.8		3	13		3		
35078 ATBASAR	5149N	06822E	304		988.9	1028.4	-8.4	-1.5	2.7	-.7	2	10	-13	2	101	109
35108 URALSK	5115N	05117E	37		1021.5	1026.2	- .8	1.3	5.1	.3	8	31	-4	1	52	81
<b>RUSSIAN FEDERATION ( IN ASIA )</b>																
35121 ORENBURG	5141N	05506E	117		1012.0	1027.1	-2.7	.5	4.2	-.1	7	20	-17	1	52	83
<b>KAZAKHSTAN</b>																
35188 AKMOLA	5108N	07122E	350		983.8	1028.7	-6.9	-1.0	2.9	-.6	5	17	-4	3	123	123
35217 DZHAMBEJTY	5015N	05234E	32		1020.4	1024.5	- .4		4.7		6	22				
35229 AKTJUBINSK	5017N	05709E	219		998.8	1026.8	-3.1	-.1	4.2	-.1	6	22	-4	4	50	64
35376 BERLIK	4953N	06931E	349		983.3	1028.0	-6.3		3.1		3	10			121	
35394 KARAGANDA	4948N	07309E	553		959.6	1029.7	-7.1	-2.0	2.8	-.7	8	28	1		115	106
35406 TAIPAK	4903N	05152E	2		1025.1	1025.3	2.3	2.5	5.5	.3	8	14	-8	0	62	74
35416 ULL	4904N	05441E	128		1014.2		.0	1.0	5.1	.3	10	28	2	1		
35426 TEMIR	4909N	05707E	234		997.3	1027.0	-1.9		4.6		5	25		4		
35746 ARALSKOE MORE	4647N	06139E	62		1018.2	1026.4	.6	.9	5.0	.2	6	18	4	5	125	90
35796 BALHASH	4648N	07505E	350		985.3	1030.0	-4.8	-2.4	3.4	-.7	6	31	18	5	150	99
35849 KAZALINSK	4546N	06207E	68		1016.6	1025.3	1.3	.9	5.3	.5	5	32	18	5		
35925 SAM	4524N	05607E	88		1014.1	1025.3	2.9	1.0	6.2	.6	6	25	14			
35953 DZHUSALY	4530N	06405E	103		1012.2	1025.2	1.3		5.5		3	19		5		
36003 PAVLODAR	5218N	07656E	122		1011.7	1027.8	-8.9		2.7		5	19		4	108	30
36177 SEMIPALATINSK	5025N	08018E	196		1004.2	1029.6	-6.6	-1.7	2.9	-.6	5	17	-9	1	125	113
36208 LENINOGORSK	5020N	08333E	811		929.2	1029.0	-7.8	-2.1	2.6	-.4	6	43	-1	4		
36428 BOL'SHE NARYMSKOE	4912N	08431E	401		979.0	1030.7	-7.1		2.8		9	37			138	120
36535 KOKPEKTY	4845N	08222E	512				-8.5	-.2	2.5	-.4	9	55	17		138	117
36859 ZHARKENT	4410N	08004E	645		949.7	1027.9	2.0	.1	5.3	.3	6	46	30		144	83
36870 ALMATY	4314N	07656E	851		925.5	1027.3	1.3	-.4	5.7	.6	12	126	71	6	69	54
38062 KYZYLORDA	4451N	06530E	130		1008.6	1025.0	2.6	1.5	5.2	.1		24	9	0		
38069 CIILI	4410N	06645E	153		1006.1	1025.2	3.8		6.1		6	35				
38198 TURKESTAN	4316N	06813E	207		999.2	1024.8	6.1	2.2	7.0	1.5	6	55	33			
<b>UZBEKISTAN</b>																
38262 CHIMBAJ	4257N	05949E	66		1015.5	1023.8	4.5	1.0	7.6	2.2	10	45	34	6	94	63
<b>KAZAKHSTAN</b>																
38328 SHYMKENT	4219N	06942E	604		952.2	1024.4	6.7		7.6		9	141		6	80	
38334 AUL TYRARA RYSKULOVA	4229N	07018E	808		929.2	1024.7	5.7		6.8		11	160		5		
38341 ZHAMBYL	4251N	07123E	651		947.2	1025.5	4.5		6.8		8	75		5	75	
38343 KOULAN	4257N	07245E	683		943.7	1026.0	3.5		6.4		11	77		5		
<b>UZBEKISTAN</b>																
38396 URGENCH	4134N	06034E	101		1012.3	1024.9	5.7		6.8		3	17		5		
38403 BUZAUBAJ	4145N	06228E	98		1012.9	1024.7	6.2		5.3		2	15		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.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
38413 TAMDY	4144N	06437E	237		995.9	1025.2	6.5	.7	5.4	-.1	3	17	8	4	108	66
<b>KAZAKHSTAN</b>																
38439 CARDARA	4122N	06800E	275		991.0	1024.5	8.0		7.9		8	101				
<b>UZBEKISTAN</b>																
38457 TASHKENT	4116N	06916E	488		965.4	1023.9	8.5	.7	7.8	1.2	11	111	66	5	102	68
<b>TURKMENISTAN</b>																
38507 TURKMENBASHI	4003N	05300E	-13			1023.1	9.1	-.2	9.1	1.1	6	27	11		140	87
38545 DARGANATA	4028N	06217E	142		1005.7	1025.3	7.3		7.1		1	15				
<b>UZBEKISTAN</b>																
38611 NAMANGAN	4059N	07135E	474		967.6	1025.2	7.6		7.9		7	28		4	111	70
38618 FERGANA	4022N	07145E	577		954.5	1023.3	7.6	1.1	8.2	1.1	5	31	17	4	102	68
38683 BUHARA	3943N	06437E	226		995.7	1023.6	8.0		8.4		6	27		5		
<b>TURKMENISTAN</b>																
38687 CHARDZHEV	3905N	06336E	190		1000.5	1024.1	8.8	.7	8.2	1.4	3	17	7		122	63
<b>UZBEKISTAN</b>																
38696 SAMARKAND	3934N	06657E	724		937.6	1022.8	7.8	.3	7.1	.5	7	53	25	5	112	65
38812 KARSHI	3848N	06543E	376		977.9	1023.2	9.4		9.1		6	52		5		
38927 TERMEZ	3714N	06716E	310		985.9	1023.3	10.2	.2	7.9	.4	3	15	6	4	195	100
<b>SAUDI ARABIA</b>																
40356 TURAIF	3141N	03844E	852		920.4	1516 Y	14.2		8.1		1	26			214	
40357 ARAR	3054N	04108E	549		954.8	1017.4	18.9		9.6		3	17				
40360 GURIAT	3124N	03716E	504		958.9	1017.2	14.7		8.4		1	7			238	
40361 AL-JOUF	2947N	04006E	689		941.0	1017.1	16.9		7.7		5	64				
40362 RAFHA	2937N	04329E	444		965.8	1017.5	17.1		9.9		3	132			93	
40373 AL QAYSUMAH	2819N	04607E	360		975.4	1016.6	19.5		7.7		1	20				
40375 TABUK	2822N	03636E	768		928.9	1015.1	18.3		9.3						242	
40377 HAFR AL-BATIN	2754N	04532E	414		970.3	1018.1	19.1		8.4							
40394 HAIL	2726N	04141E	1013		905.2	1535 Y	17.3		8.8		6	48			231	
40400 WEJH	2612N	03628E	21		1010.0	1012.8	25.5		18.0		0	T			247	
40405 GASSIM	2618N	04346E	650		943.1	1016.2	19.6		9.5		2	8				
40416 DHAHRAN	2616N	05009E	17		1013.7	1015.6	22.2	-.1	15.4	2.3	3	4	-1			
40417 KING FAHAD INT. AIRPORT	2627N	04949E	12		1015.4	1017.0	21.6		18.1		1	1				
40420 AL AHSA	2518N	04929E	178		996.4	1017.0	28.8		11.6		0	0				
40430 MADINAH	2433N	03942E	636		942.2	1012.6	24.6	1.2	10.4	3.1	2	16	7		242	
40437 KING KHALED INT. AIRPORT	2456N	04643E	612		947.9	1017.3	20.2		8.6		1	43			221	
40438 RIYADH	2443N	04644E	620			1017.7	21.7	1.0	8.6	.4	1	5	0		233	
40439 YENBO	2409N	03804E	10		1010.6	1011.8	27.8		23.1		1	11				
41024 JEDDAH (KING ABDUL AZIZ INT.)	2142N	03911E	17		1010.0	1011.9	27.6	.6	22.9	.7					209	
41030 MAKKAH	2126N	03946E	240		983.9	1010.7	28.3		24.2		3					
41036 TAIIF	2129N	04033E	1454		857.1	1015.1	19.9	1.3	9.0	.0	3	20	-1		243	
41055 AL BAHA	2018N	04138E	1662		837.9	1522 Y	20.0		9.9		0	0			269	
41061 WADI AL DAWASSER AIRPORT	2030N	04512E	622		944.9	1014.4	22.9		9.6		0	0			294	



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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	
41084 BISHA	1959N	04237E	1163		886.7	1524 Y	23.7		8.3			4			373	
41112 ABHA	1814N	04239E	2093		796.0	1525 Y	16.5		10.6						296	
41114 KHAMIS MUSHAIT	1818N	04248E	2056		799.5	1523 Y	18.0		12.0		0	0			303	
41128 NAJHRAN	1737N	04425E	1210		882.8	1535 Y	20.8		8.9		0	0			282	
41136 SHARURAH	1728N	04707E	725		933.7	1013.7	24.0		10.4		0	0			283	
41140 GIZAN	1654N	04235E	7		1010.9	1011.8	29.7		28.7		0	0				
<b>BAHRAIN</b>																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		1016.6	1016.8	24.1	-0.4	20.1	-1.5	2	1	-2	4	100	
<b>UNITED ARAB EMIRATES</b>																
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		1013.1	1015.9	25.3	1.3	20.6	1.7	0	0	-1	4	285	97
<b>PAKISTAN</b>																
41515 DROSH	3534N	07147E	1465			1496 Y	10.9	-1.7	4.4		5	45	20	0		
41530 PESHAWAR	3401N	07135E	360		973.5	1015.2	17.0	-0.6	12.8		2	42	30	5	235	100
41560 PARACHINAR	3352N	07005E	1725		830.3	1527 Y					0	0	-17	0		
41571 ISLAMABAD AIRPORT	3337N	07306E	508						10.3		2	21	4	0		
41594 SARGODHA	3203N	07240E	188		992.5	1014.2	18.6		11.9		2	25	-7	5		
41598 JHELUM	3256N	07343E	234		987.9	1015.1	17.9	-0.8	13.0		1	27	18	5		
41600 SIALKOT	3230N	07432E	256		948.5	1014.9	17.8	0	13.9		1	42	33	0		
41620 ZHOB	3121N	06928E	1407		860.3	1514 Y	12.9	-0.7	4.0		0	0	-3	3		
41624 DERA ISMAIL KHAN	3149N	07055E	173		995.2	1015.0	18.4	-0.7	12.2		0	T	-2	3		
41640 LAHORE CITY	3133N	07420E	215		989.9	1014.8	19.7	0.2	12.6		1	16	12	5		
41660 QUETTA AIRPORT	3015N	06653E	1587		843.7	1529 Y	9.7	0.5	5.3		2	30	25	2		
41675 MULTAN	3012N	07126E	123		1001.4	1015.7	18.6	-1.1	10.6		0	T	-2	4		
41685 BAR KHAN	2953N	06943E	1097			1514 Y	16.5	-0.8	3.7		0	0	-5	0		
41710 NOKKUNDI	2849N	06245E	683		941.3	1016.7	17.6	-0.8	4.7		0	0	-1	5		
41712 DAL BANDIN	2853N	06424E	850		921.6	1533 Y	14.8	-0.8	5.0		0	0	-2	3		
41715 JACOBABAD	2818N	06828E	56		1008.4	1014.9	21.1	-1.0	13.3		0	0	-1	4		
41718 KHANPUR	2839N	07041E	88		1004.1	1014.5	19.0	-0.7	11.5		0	0	-1	4		
41739 PANJGUR	2658N	06406E	981		906.6	1510 Y	16.1	-0.5	6.7		0	0	-1	4		
41744 KHUZDAR	2750N	06638E	1232		878.1	1499 Y	16.1	-0.6	5.9		1	3	-2	0	305	
41749 NAWABSHAH	2615N	06822E	38		1011.8	1014.8	21.0	-0.9	13.1		0	0	-1	4		
41756 JIWANI	2504N	06148E	57		1008.0	1014.4	23.6	-0.3	18.9		0	0	-4	5		
41759 PASNI	2516N	06329E	6		1012.7	1013.5	23.7		12.3		0	0	-1	5		
41768 CHHOR	2531N	06947E	6		1013.7	1014.3	20.4	-2.0	10.3		0	0	-3	5		
41780 KARACHI AIRPORT	2454N	06708E	22		1011.8	1014.6	23.7	-0.2	12.6		0	0	-1	5		
<b>INDIA</b>																
42027 SRINAGAR	3405N	07450E	1587		846.0	1545 Y	8.1	0	7.5		2	15	-13	3	147	
42071 AMRITSAR	3138N	07452E	234		988.1	1015.2	15.9	-2.0	14.6		1	20	14	5	208	95
42147 MUKTESHWAR KUMAON	2928N	07939E	2311		778.6	3189 Z	11.7	0.5	6.9		3	12	2	4		
42165 BIKANER	2800N	07318E	224			1014.3	20.4	-1.1	8.7		0	0	-3	4		
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216		990.1	1014.9	19.9	-0.9	11.3		0	0			168	68
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111		1002.1	1015.0	21.8	1.0	20.5		0	0	-19	1	209	
42339 JODHPUR	2618N	07301E	224			1014.1	23.6		8.5		0	0		4		
42410 GAUHATI	2606N	09135E	54		1008.1	1014.3	22.9	0.7	22.9		2	21	-4	3	215	93
42452 KOTA AERODROME	2509N	07551E	274			1014.4	24.2	1.6	11.4		0	0	-20	3		

# SURFACE

## NOVEMBER 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		1002.9	1014.3	23.8	2.1	19.0		0	0	-9	3	170	66
42587 DALTONGANJ	2403N	08404E	221		987.9	1014.1	23.5	1.7	21.1		0	0	-9	3		
42619 SILCHAR	2445N	09248E	29		1010.8	1014.1	23.5		24.5		1	8		2		
42647 AHMADABAD	2304N	07238E	55		1006.9	1013.1	26.1	1.4	16.1		0	0	-14	4	263	96
<b>42671 SAGAR</b>	2351N	07845E	551		952.3	1013.9	24.3	1.9	14.1		0	0	-19	3		
<b>42731 DWARKA</b>	2222N	06905E	11		1012.2	1013.5	26.1	-2	19.2		0	0	-2			
42754 INDORE	2243N	07548E	567		950.2	1013.1	23.9	2.1	14.3		0	T	-21	3	254	93
42867 NAGPUR SONEGAON	2106N	07903E	310		978.9	1014.1	24.1	1.1	20.2		1	3	-14	3	268	102
42909 VERAVAL	2054N	07022E	8		1011.7	1012.6	27.5	1.3	20.4		0	0	-33	4		
42933 AKOLA	2042N	07702E	282		981.3	1013.0	25.7	1.7	15.3		0	0	-20	3		
42971 BHUBANESWAR	2015N	08550E	46		1009.1	1014.3	24.5	-4	22.9		3	10	-38	4	231	106
<b>43041 JAGDALPUR</b>	1905N	08202E	553		952.9	1014.7	21.9	.2	18.2		0	0	-26	1		
43057 BOMBAY/COLABA	1854N	07249E	11		1010.3	1011.5	29.1	1.1	26.5		0	0	-23	2	243	99
<b>43063 POONA</b>	1832N	07351E	559		950.5	1012.4	23.7	1.4	17.6		1	2	-26	2	254	94
<b>43128 HYDERABAD AIRPORT</b>	1727N	07828E	545		953.1	1013.5	23.3	.1	19.1		0	0	-29	2	261	106
43185 MACHILIPATNAM	1612N	08109E	3						25.3		1	2	-114	1	243	
43192 GOA/PANJIM	1529N	07349E	60		1004.3	1011.1	28.9	1.3	26.5		2	9	-26	2	262	96
43198 BELGAUM/SAMBRA	1551N	07437E	747		929.5	1011.1	24.1	1.3	16.5	.1	01	0001	-37	1		
<b>43279 MADRAS/MINAMBAKKAM</b>	1300N	08011E	16		1010.7	1012.5	27.0	.9	26.6		10	83	-326	1	177	97
<b>43295 BANGALORE</b>	1258N	07735E	921		910.9	1519 Y	22.9	.7	18.8		1	27	-25	2	194	102
43314 KOZHIIKODE	1115N	07547E	5		1010.1	1010.7	28.5	1.0	29.1		7	114	-58	3		
43363 PAMBAN	0916N	07918E	11		1009.7	1011.1	26.9	-5	30.7		23	482	242	6		
<b>43369 MINICOY</b>	0818N	07309E	2		1010.2	1010.4	27.7	.2	31.7		15	307	162	6	145	67
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1003.1	1010.4	27.1	.3	29.7		15	129	-77	3	128	77
<b>SRI LANKA</b>																
43418 TRINCOMALEE	0835N	08115E	7		1002.3	1011.0	26.2	-5	30.3	2.1	27	602	268			
43466 COLOMBO	0654N	07952E	7		1008.7	1009.9	27.4	.7	31.4	2.9	16	374	64	141	67	
43497 HAMBANTOTA	0607N	08108E	20		1008.5	1010.2	27.0	.2	30.3	2.0	21	374	186			
<b>MONGOLIA</b>																
44203 RINCHINLHUMBE	5107N	09940E	1583		841.4	1037.7	-19.7	.7	1.0	-1.1		2	-3	1		
44207 HATGAL	5026N	10009E	1668		830.6	1030.5	-12.2	1.5	1.5	.0	1	4	-1	3		
<b>44212 ULAAN-GOM</b>	4959N	09205E	939		915.4	1034.6	-11.3	-8	2.1	-2	2	4	-2	3	120	120
44213 BARUUNTURUUN	4939N	09424E	1232		880.9	1034.0	-14.0	.3	1.7	-1	3	10	1	5		
44214 UIGI	4856N	08956E	1715		827.1	1029.0	-9.6	-1.1	1.5	-6	0	T	-1	1		
44215 OMNO-GOBI	4901N	09143E	1590		840.7	1029.6	-10.5	.4	1.7	-1	0	T	-1	1		
<b>44218 HOVD</b>	4801N	09134E	1405		860.4	1029.5	-10.3	-6	1.4	-6	1	2	1	4		
44225 TOSONTSENGEL	4844N	09812E	1723		827.7	1037.4	-17.1	1.6	1.4	.1	3	3	-4	2		
44230 TARIALAN	4934N	10200E	1235		880.2	1032.2	-11.5	-1.2	1.6	-3		2	0	4		
<b>44231 MUREN</b>	4934N	10010E	1283		872.3	1030.3	-10.6	.8	1.5	-3	0	T	-1	1		
44232 HUTAG	4923N	10242E	938		912.6	1033.6	-15.5	-4.3	1.8	-2	2	12	9	5		
44237 ERDENEMANDAL	4832N	10123E	1509		847.9	1028.5	-10.9	-1.3	2.0	-1	1	3	1	4		
<b>44239 BULGAN</b>	4848N	10333E	1208		879.3	1029.6	-14.4	-3.6	1.8	.0	2	7	4	4		
44241 BARUUNKHARAA	4855N	10604E	807		927.9	1032.4	-16.7	-5.7	1.5	-5	4	36	31	3		
44256 DASHBALBAR	4933N	11424E	705		936.2	1027.2	-15.8	-5.5	2.8	.8	5	18	14	6		
<b>44259 CHOIBALSAN</b>	4805N	11433E	747		932.6	1027.6	-12.3	-2.5	1.8	-3	1	5	2	4		
44265 BAITAG	4607N	09128E	1186		892.8	1038.9	-8.9	-5	2.8	.2	2	7	1	4		
<b>44272 ULIASTAI</b>	4745N	09651E	1759		822.1	1032.2	-14.7	-1.5	1.1	-5	1	4	0	3	155	89

# SURFACE

# NOVEMBER 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
44275 BAYANBULAG	4650N	09805E	2255		771.9	1035.9	-17.2	-2.3	1.1	-.6	2	6	4	1		
44277 ALTAI	4624N	09615E	2181		779.8	1025.4	-11.2	-.8	2.4	.7	2	5	3	5		
44282 TSETSERLEG	4727N	10128E	1691		828.1	1028.0	-10.1	-2.6	1.7	-.3	3	14	9	4		
44284 GAIUUT	4642N	10008E	2126		785.7	1037.6	-17.8	-2.8	1.3	.0	1	3	1	3		
44285 HUIJIRT	4654N	10246E	1662		831.9	1030.5	-13.8	-3.0	1.8	-.1	2	8	5	5		
44287 BAYANHONGOR	4608N	10041E	1859		811.8	1030.7	-11.8	-.9	1.7	-.1	1	3	1	4		
<b>44288 ARVAIHEER</b>	4616N	10247E	1813		815.5	1026.6	-8.8	-1.7	2.3	.3	1	4	2	4		
44292 ULAAN-BAATOR	4755N	10652E	1306		870.1	1030.5	-12.7	.5	1.8	-.1	4	19	16	3	186	105
44294 MAANTI	4718N	10729E	1430		860.6	1036.4	-14.3	-1.4	1.4	-.4	1	4	1	4		
44298 CHOIR	4627N	10813E	1286		871.1	1027.4	-11.2	-.9	1.8	-.4	0	T	-4	1		
44302 BAYAN-OVOO	4747N	11207E	926		911.3	1028.3	-13.8	-3.0	1.8	-.1	6	12	7	5		
44305 BARUUN-URT	4641N	11317E	981		906.1	1028.7	-10.9	-.6	2.1	.0		4	2	4	179	86
44313 KHALKH-GOL	4737N	11837E	688		939.3	1027.3	-12.1	-.8	1.3	-.8	2	10	5	5		
44314 MATAD	4710N	11538E	907		915.2	1029.1	-11.4	-1.8			2	5	2	4		
44336 SAIKHAN-OVOO	4527N	10354E	1316		870.5	1031.0	-10.7	-2.0	1.8	-.1	5	9	8	6		
<b>44341 MANDALGOVI</b>	4546N	10617E	1393		860.1	1028.4	-10.3	-1.6	1.8	-.3	2	3	1	4		
44347 TSOGT-OVOO	4425N	10519E	1298		872.2	1028.9	-8.6	-2.0	1.9	-.5	1	3	1	4		
44352 BAYANDELGER	4544N	11222E	1101			1027.3	-9.4	-.7	2.1	-.2	2	3	1	5		
44358 ZAMYN-UUD	4344N	11154E	964		909.8	1027.8	-6.3	.3	3.0	.5	01	1	0	4		
<b>44373 DALANZADGAD</b>	4335N	10425E	1465		854.2	1028.2	-6.9	-1.8	2.7	.3	2	6	4	5	210	90
<b>NEPAL</b>																
44454 KATHMANDU AIRPORT	2742N	08522E	1337		868.1	1518 Y	16.4		15.7						226	95
<b>HONG KONG, CHINA</b>																
45004 KING'S PARK	2219N	11410E	66		1009.1	1016.8	21.8	.2	18.3	.9	4	48	14	4	183	101
<b>REPUBLIC OF KOREA</b>																
47101 CHUNCHON	3754N	12744E	75		1013.9	1023.2	7.4	2.8	7.8	1.3	8	66	23	5	108	76
47105 KANGNUNG	3745N	12854E	27		1018.8	1022.0	10.6	1.9	8.2	1.2	12	252	174	5	115	67
47108 SEOUL	3734N	12658E	87		1012.4	1022.9	9.5	2.9	8.3	1.4	8	69	16	4	114	76
47115 ULLUNGDO	3729N	13054E	223		994.8	1021.2	11.1	1.8	10.2	1.8	8	53	-55	1	100	84
47133 TAEJON	3618N	12724E	78		1014.4	1022.7	10.0	3.5	9.1	1.6	9	33	-15	3	123	83
47138 POHANG	3602N	12923E	6		1021.6	1022.1	12.6	3.2	10.6	2.8	10	158	107	6	135	75
47159 PUSAN	3506N	12902E	71		1012.7	1021.2	13.1	2.1	10.6	2.3	8	58	-6	4	140	75
47165 MOKPO	3447N	12623E	56		1017.7	1022.2	11.6	1.5	10.5	1.4	10	50	-1	4	134	87
47168 YOSU	3444N	12744E	68		1013.3	1021.3	12.9	2.4	9.6	1.3	7	56	7	4	140	72
47184 CHEJU	3331N	12632E	24		1019.0	1021.8	14.4	2.0	12.8	2.4	11	113	34	5	103	80
<b>JAPAN</b>																
47401 WAKKANAI	4525N	14141E	11		1016.7	1018.1	4.5	1.3	5.9	.4	16	114	-14	2	44	76
47407 ASAHIKAWA	4346N	14222E	116		1005.5	1020.0	3.0	1.2	6.1	.4	13	87	-30	1	79	123
47409 ABASHIRI	4401N	14417E	43		1013.4	1018.8	4.8	1.6	5.9	.3	7	36	-27	1	137	121
47412 SAPPORO	4303N	14120E	26		1016.8	1020.0	6.2	1.9	6.5	.6	11	64	-34	1	106	106
47418 KUSHIRO	4259N	14424E	37		1014.6	1019.5	4.9	1.2	6.4	.4	6	106	34	4	161	100
47420 NEMURO	4320N	14535E	39		1014.3	1019.0	6.1	1.2	7.1	.7	5	95	15	3	131	94
47421 SUTTSU	4248N	14014E	38		1015.5	1020.1	6.4	1.4	6.9	.6	12	85	-52	1	61	103
47426 URAKAWA	4210N	14247E	37		1015.6	1020.1	7.4	1.9	7.3	.8	9	69	-24	3	149	118
47430 HAKODATE	4149N	14045E	43		1015.1	1020.4	7.2	2.1	7.5	.7	8	79	-24	2	113	103

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NOVEMBER 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
47575 AOMORI	4049N	14046E	3		1020.5	1020.9	8.0	1.8	7.7	.4	14	111	-24	2	94	108
47582 AKITA	3943N	14006E	21		1018.7	1021.3	9.2	1.8	8.3	.6	10	118	-63	1	108	129
47585 MIYAKO	3939N	14158E	46		1015.0	1020.8	8.8	1.1	8.6	1.4	9	101	6	4	140	98
47598 ONAHAMA	3657N	14054E	5		1020.3	1020.9	12.3	1.8	11.5	2.3	11	193	106	5	109	70
47600 WAJIMA	3723N	13654E	14		1019.4	1021.1	12.4	2.3	11.0	1.4	15	212	-24	3	89	105
47602 AIKAWA	3802N	13815E	17		1019.0	1021.1	12.7	2.1	10.6	1.3	13	146	-12	3	96	105
47605 KANAZAWA	3635N	13638E	33		1016.8	1020.8	13.6	2.8	11.8	2.0	13	199	-66	2	90	92
47618 MATSUMOTO	3615N	13758E	611		949.2	1021.2	9.7	2.9	9.4	2.3	13	170	123	6	120	77
47624 MAEBASHI	3624N	13904E	113		1007.4	1021.0	12.5	2.2	10.1	2.0	12	112	67	5	130	78
47636 NAGOYA	3510N	13658E	56		1013.3	1020.0	14.5	3.0	12.7	3.2	13	190	120	5	122	78
47648 CHOSHI	3544N	14052E	28		1016.9	1020.2	15.1	1.5	14.4	3.1	14	305	183	5	85	64
47655 OMAEZAKI	3436N	13813E	47		1013.7	1019.3	16.6	2.6	14.9	3.6	16	314	179	5	111	69
47662 TOKYO	3541N	13946E	36		1016.4	1020.8	14.4	1.8	11.3	2.1	14	230	141	5	88	65
47663 OWASE	3404N	13612E	27		1016.4	1019.6	15.6	2.8	14.8	4.1	15	1050	802	6	101	66
47675 OSHIMA	3445N	13222E	79		1010.2	1019.7	15.5	2.5	14.4	3.0	17	597	399	5	91	73
47678 HACHIJOJIMA	3306N	13947E	80		1000.4	1018.6	18.8	1.7	18.6	4.1	19	500	245	5	54	51
47740 SAIGO	3612N	13320E	31		1017.3	1021.1	13.4	2.2	11.6	1.6	13	152	8	3	82	71
47741 MATSUE	3527N	13304E	22		1018.4	1021.0	13.7	2.7	12.1	1.6	16	182	45	5	91	82
47750 MAIZURU	3527N	13519E	22		1018.5	1021.2	13.4	2.6	12.5	2.1	19	233	95	5	63	68
47755 HAMADA	3454N	13204E	20		1017.9	1020.4	14.8	2.4	13.1	2.9	14	170	59	5	108	97
47772 OSAKA	3441N	13531E	83		1010.5	1020.3	15.5	2.6	12.8	2.9	12	171	106	6	113	80
47778 SHIONOMISAKI	3327N	13546E	75		1009.8	1018.7	17.3	2.4	15.7	4.2	16	477	283	5	125	76
47800 IZUHARA	3412N	12918E	19		1018.3	1020.5	15.6	3.4	13.7	3.6	11	217	111	5	102	72
47807 FUKUOKA	3335N	13023E	15		1018.2	1020.0	16.1	3.1	13.1	2.5	16	125	45	5	111	85
47815 OITA	3314N	13137E	13		1018.6	1020.2	15.7	3.0	14.1	3.4	11	209	148	6	100	70
47817 NAGASAKI	3244N	12952E	35		1015.4	1019.6	16.7	3.0	14.0	2.8	13	166	81	5	118	87
47827 KAGOSHIMA	3133N	13033E	31		1015.2	1018.9	18.9	4.4	15.7	3.4	11	207	120	6	149	99
47830 MIYAZAKI	3155N	13125E	7		1017.2	1018.9	17.6	3.8	15.6	3.4	9	165	64	5	125	77
47837 TANEGASHIMA	3044N	13100E	18		1016.3	1018.4	20.6	2.9	18.2	3.4	11	206	89	5	115	86
47843 FUKUE	3242N	12850E	26		1016.6	1019.7	16.7	2.9	14.0	2.5	16	242	113	5	124	95
47887 MATSUYAMA	3350N	13247E	34		1016.0	1020.0	15.3	2.6	13.3	3.0	13	156	90	6	107	74
47891 TAKAMATSU	3419N	13403E	10		1019.2	1020.4	14.9	2.9	13.1	2.8	12	142	77	5	98	66
47898 SHIMIZU	3243N	13301E	33		1014.9	1018.8	18.8	3.0	16.1	4.4	12	417	282	6	124	75
47899 MUROTOMISAKI	3315N	13411E	186		996.9	1018.9	16.9	2.5	15.5	4.0	16	495	351	6	126	77
47909 NAZE	2823N	12930E	7		1017.0	1017.9	22.2	2.4	19.3	2.5	12	135	-55	3	57	66
47918 ISHIGAKIJIMA	2420N	12410E	7		1015.3	1016.1	24.3	1.8	23.3	2.5	12	122	-47	3	90	83
47927 MIYAKOJIMA	2447N	12517E	41		1011.5	1016.2	23.9	1.8	23.0	2.7	15	311	166	5	84	78
47936 NAHA	2612N	12741E	53		1010.8	1016.9	23.8	2.4	21.5	2.9	14	120	4	3	86	72
47945 MINAMIDAITOJIMA	2550N	13114E	20		1014.0	1016.3	24.0	1.7	24.7	4.5	10	194	72	5	133	109
47971 CHICHIJIMA	2705N	14211E	8		1017.0	1017.9	24.7	1.6	25.1	3.3	7	30	-118	1	145	112
47991 MINAMITORISHIMA	2418N	15358E	9		1015.3	1016.2	26.0	-1.1	23.5	-2.9	6	19	-58		215	104
<b>THAILAND</b>																
48327 CHIANG MAI	1847N	09859E	314		976.6	1012.3	24.3	.5	22.0	-5	1	6	-47	2	253	108
48354 UDON THANI	1723N	10248E	182		992.0	1012.3	25.9	1.3	23.0	1.3						
48378 PHITSANULOK	1647N	10016E	45		1006.5	1011.7	27.9	1.8	25.8	1.0	0	T	-31	1	284	115
48400 NAKHON SAWAN	1548N	10010E	35		1007.6	1011.6	27.8	1.4	26.6	1.0	01	1	-34	0	273	110
48431 NAKHON RATCHASIMA	1458N	10205E	188		1012.2	1012.2	26.6	2.0	22.8	-2	0	T	-31	1		
48462 ARANYAPRATHET	1342N	10235E	49		1006.1	1011.6	27.7	1.6	25.5	.5						

# 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	
48480	CHANTHABURI	1236N	10207E	4		1010.2	1010.6	28.0	1.8	26.4	.9	0	T	-61	1	253	105
48500	PRACHUAP KHIRIKHAN	1150N	09950E	5		1010.2	1010.8	27.7	1.5	28.0	1.5	2	11	-216	0		
48517	CHUMPHON	1029N	09911E	5		1010.2	1010.7	27.3	1.5	30.1	1.8	16	206	-169	2		
48568	SONGKHLA	0712N	10036E	5		1008.5	1010.1	26.8	-1	29.2	-2	17	579	-9	6	113	72
<b>CHINA</b>																	
50527	HAILAR	4913N	11945E	611		948.3	1027.1	-12.3	.3	5.2	3.3	7	18	14	6	132	75
50745	QIQIHAR	4723N	12355E	148		1005.6	1024.9	-6.8	.3	2.3	-1	1	3	-1	3	173	92
51076	ALTAY	4744N	08805E	737		940.8	1033.2	-5.9	-1.1	2.7	-4	6	26	7	6	168	111
51431	YINING	4357N	08120E	663		947.2	1028.0	2.0	.4	5.8	.6	9	68	44	6	147	88
51463	URUMQI	4347N	08737E	919		916.6	1030.8	-3.2		3.2		5	27		4	120	95
51709	KASHI	3928N	07559E	1291		875.3	1023.7	5.8	2.1	5.4	.7	2	5	4	5	167	85
51777	RUOQIANG	3902N	08810E	889		919.9	1026.1	2.5	.8	3.6	.3	1	3	2	4	194	85
51828	HOTAN	3708N	07956E	1375		866.2	1022.7	6.3	2.4	4.6	1.0	1	3	2	6	207	95
52203	HAMI	4249N	09331E	739		937.8	1028.0	-2	-1	3.2	.0	0	T	-1	3	198	89
52533	JIUQUAN	3946N	09829E	1478		856.2	1028.1	-8	.2								
52836	DULAN	3618N	09806E	3192		691.6		-1.8	2.8	1.7	.2	2	3	0	3	206	83
52889	LANZHOU	3603N	10353E	1518		852.2		3.5	1.6	5.2	.8	4	7	3	5	144	80
53068	ERENHOT	4339N	11200E	966		909.7	1028.3	-5.8	.8	2.3	.2	2	3	1	4	190	88
53614	YINCHUAN	3829N	10613E	1112		895.9	1027.9	.7	-4	4.2	-1	2	8	4	5	141	64
53772	TAIYUAN	3747N	11233E	779		933.3	1027.4	2.4	.1	5.0	.4	5	39	27	5	128	70
54292	YANJI	4253N	12928E	178		1002.8	1025.6	-2.8	.2	3.4	.2	3	18	5	4	133	82
54342	SHENYANG	4146N	12326E	43		1020.3	1025.9	.8	.5	4.2	.0	3	22	5	4	108	66
54511	BEIJING	3956N	11617E	55		1022.7	1026.8	3.5	-8	4.9	.0	5	43	37	5	122	63
54857	QINGDAO	3604N	12020E	77		1016.3	1025.6	8.7	-3	8.3	.6	3	40	14	4	163	87
55591	LHASA	2940N	09108E	3650		653.5		5.1	2.9	2.5	-1	0	0	-1	3	277	104
56137	QAMDO	3109N	09710E	3307		682.3		3.4	1.5	3.1	.3	0	T	-4	1	213	106
56294	CHENGDU	3040N	10401E	508		961.7	1021.9	12.9	1.1	11.4	-3	2	7	-9	1		
56571	XICHANG	2754N	10216E	1599		841.2		13.9	1.1	9.7	.1	01	1	-18	1	201	105
56739	TENGCHONG	2507N	09829E	1649		837.4		12.4	.3	10.2	-6	1	5	-43	1	278	131
56778	KUNMING	2501N	10241E	1892		813.0		13.1	1.8	10.1	-1	1	6	-34	1	213	118
56985	MENGZI	2323N	10323E	1302		872.6	1016.0	16.7		12.9		0	T	0	0	207	125
57036	XI'AN	3418N	10856E	398		977.9	1026.5	6.6	-2	7.5	-1	4	33	8	5	91	76
57083	ZHENGZHOU	3443N	11339E	111		1012.3	1026.1	7.8	-1	7.5	.4	4	34	9	4	69	42
57461	YICHANG	3042N	11118E	134		1008.0	1024.3	11.7	-7	10.7	-2	5	52	4	4	66	61
57745	ZHIJIANG	2727N	10941E	273		990.1	1023.0	12.0	-2	11.3	-1	6	28	-40	2	99	104
57993	GANZHOU	2551N	11457E	125		1004.5	1021.1	16.2	.8	13.5	.4	4	25	-28	2	161	111
58362	SHANGHAI	3124N	12128E	4		1022.4	1023.6	14.0		12.7		7	40		3	121	75
58606	NANCHANG	2836N	11555E	50		1016.2	1022.2	14.0	.8	11.8	.5	3	72	18	4	173	120
59287	GUANGZHOU	2308N	11319E	8		1013.1	1018.2	20.4	1.0	17.5	1.8	2	31	-11	4	160	91
59316	SHANTOU	2324N	11641E	3		1016.9	1017.8	21.2	1.9	18.6	1.0	0	T	-39	1	187	104
59431	NANNING	2249N	10821E	73		1002.8	1017.7	19.5	.9	17.2	.8	1	3	-41	1	153	103
59758	HAIKOU	2002N	11021E	24		1013.6	1015.7	23.6	1.6	23.8	2.1	7	93	-4	4	138	89
<b>AFRICA</b>																	
<b>MADEIRA</b>																	
08522	FUNCHAL	3238N	01654W	56		1012.5	1019.4	18.6	-2	14.4	-9	8	45	-56	2	146	94

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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>SPAIN (CANARY ISLANDS)</b>																
60020 SANTA CRUZ DE TENE- RIFE, CM	2827N	01615W	36		1013.8	1018.3	20.8	.0	15.3	-1.0	5	26	-12	3	150	83
60030 LAS PALMAS DE GRAN CAN./GAN.	2756N	01523W	47		1012.3	1017.8	20.3	-.1	15.0	-1.7	4	7	-14	2	169	93
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1015.5	1017.9	20.6	.4	15.0	-2.0	2	11	-3	3	185	93
<b>WESTERN SAHARA</b>																
60096 VILLA CISNEROS	2342N	01552W	10		1014.6	1016.1	21.0				0	0		0	294	115
<b>MOROCCO</b>																
60101 TANGER(AERODROME)	3544N	00554W	21		1015.5	1017.4	15.7	-.2	14.2		7	88	-46	3	169	90
60115 OUJDA	3447N	00156W	470		962.0	1016.2	13.9	.2	11.1		8	39	2	0	181	130
60120 KENITRA	3418N	00636W	14		1015.2	1016.9	16.0	.1	14.7		8	82	-48	3	180	95
60135 RABAT-SALE	3403N	00646W	75		1007.6	1017.0	15.4	-.5	15.3		8	78	-18	3	199	95
60150 MEKNES	3353N	00532W	549		952.2	1017.2	13.4	-.8	12.1		9	71	-8	4	197	95
60155 CASABLANCA	3334N	00740W	62		1008.9	1015.6	16.5	.4	15.0		7	79	5	4		
60195 MIDELT	3241N	00444W	1515		849.6	1512 Y	9.6	-.5	9.4		5	19	-1	3	255	80
60230 MARRAKECH	3137N	00802W	466		963.3	1017.5	15.9	-.4	11.5		5	62	22	5	244	110
<b>60265 OUARZAZATE</b>	3056N	00654W	1140		890.0	1527 Y	13.8	.1	7.6		0	9999	-019	2	273	85
60318 TETUAN/SANIA RAMEL	3535N	00520W	10		1014.7	1015.9	16.3		11.2		8	103		4	119	
<b>SPAIN (CEUTA AND MELILLA)</b>																
60338 MELILLA	3517N	00257W	55		1009.7	1016.2	16.6	.0	14.2	.2	7	183	142	6	148	91
<b>ALGERIA</b>																
60351 JIJEL ACHOUAT	3653N	00549E	10		1015.2	1016.5	16.1		13.5		10	50			168	55
60353 JIJEL PORT	3650N	00547E	2		1014.8	1016.2	17.5		15.2		12	95			180	60
60360 ANNABA	3650N	00749E	4		1015.1	1016.1	16.1	.5	13.3		10	20	-54	0	136	45
60367 EL-KALA	3654N	00827E	10		1016.2	1017.8	17.4		14.4		10	78				
60387 DELLYS	3655N	00357E	12		1015.8	1016.4	17.3		14.1		9	51			137	
60390 DAR-EL-BEIDA	3643N	00315E	25		1013.2	1016.7	15.9	.7	13.9		9	58	-38	2	143	
60395 TIZI-OUZOU	3642N	00403E	195		997.5	1016.2	12.5		12.9		9	78			151	
60402 BEJAIA	3643N	00504E	2		1016.0	1016.8	15.9	.1	13.8		8	46	-53	1	161	
60403 GUELMA	3628N	00728E	227		990.7	1017.6	14.6		11.9		12	25			165	
60410 TENES	3630N	00120E	59		1013.1	1017.1	17.1		14.4		8	53			131	40
60417 BOUIRA	3623N	00354E	635		951.7	1016.7	13.3		12.2		7	78			164	50
60419 CONSTANTINE	3617N	00637E	694		937.7	1017.6	12.0	.6	10.4		8	20	-23	2	171	55
60421 OUM EL BOUAGHI	3553N	00707E	889			1506 Y	11.4		9.6		6	17			164	
60423 SOUK AHRAS	3617N	00758E	680		938.6	1017.2	12.6		10.6		3	13			151	
60425 CHLEF	3613N	00120E	143		999.7	1016.9	15.1	.3	13.2		8	82	29	0	145	
60430 MILIANA	3618N	00214E	715		934.5	1017.3	13.3	.5	11.2		10	130	27	5	142	
60437 MEDEA	3616N	00245E	981		899.0	1500 Y	10.6		10.0		9	134			130	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928				11.3		9.4		5	17			177	
60445 SETIF	3611N	00525E	1081		902.4	1507 Y	9.8		9.3		5	13			176	55
60452 ARZEW	3549N	00016W	3		1015.7	1016.3	16.8		15.3		8	60			163	50
60457 MOSTAGANEM VILLE	3553N	00007E	137		994.7	1016.1	15.1		13.6		7	75			159	
60461 ORAN PORT	3542N	00039W	22		1013.8	1016.4	17.2		14.2		7	95				
60467 M'SILA	3540N	00430E	441		965.8	1016.9	13.5		11.8		6	29			171	55
60471 BARIKA	3520N	00520E	460				13.1		11.2		5	17			173	55

# 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	%		
60476 KHENCHELLA	3525N	00709E	1116		905.5	1511 Y	11.2		9.4		5	19			160	
60490 ORAN/ES SENIA	3538N	00036W	90		1005.4	1016.2	15.4	.5	13.0		8	54	11	4	174	90
60506 MASCARA METMORE	3536N	00018E	474		961.5	1017.0	13.3		12.1		8	27			178	55
60514 KSAR CHELLALA	3510N	00219E	800		927.0	1501 Y	12.1		10.6		7	51		0	178	55
60515 BOU-SAADA	3520N	00412E	461		965.8	1019.7	14.2		11.0		5	32			174	
60517 GHAZAOUET	3506N	00152W	83		1016.4	1017.1	16.6		14.4		8	123				
60518 BENI-SAF	3518N	00121W	68		1006.7	1014.9	16.5		14.5		8	56			188	60
60520 SIDI BEL ABBES	3511N	00237W	450		961.9	1017.0	13.8		11.2		7	44			192	60
60522 MAGHNIA	3449N	00147W	426		967.2	1017.0	13.5		11.4		6	33			187	
60525 BISKRA	3448N	00544E	87		1007.2	1017.7	17.4	1.1	11.3		1	5	-13	3	209	
60531 TLEMCCEN (ZENATA)	3501N	00128W	247		988.0	1017.2	14.4		13.2		6	46			183	65
60540 EL KHEITER	3409N	00004E	1000		901.2	1486 Y	10.3		9.1		7	85			195	60
60545 LAGHOUAT	3346N	00256E	765		929.8	1509 Y	12.6		9.6		3	14			232	75
60557 NAAMA	3316N	00018W	1166		885.6	1506 Y	10.2		8.4		6	32			211	
60560 AIN SEFRA	3246N	00036W	1058		895.2	1494 Y	11.1		8.9		6	33			221	
60566 GHARDAIA	3223N	00349E	450		963.9	1018.0	16.1	.7	10.8						264	
60571 BECHAR	3137N	00214W	773		924.8	1514 Y	14.4	- .5	8.4		3	13	3	4	256	80
60581 HASSI-MESSAOUD	3140N	00609E	142		1000.1	1017.1	17.7	1.4	9.8		2	2	-2	3		
60590 EL GOLEA	3034N	00252E	397		970.8	1018.0	15.7	.5	8.8		0	0	-5	2	251	80
60607 TIMIMOUN	2915N	00017E	312		979.1	1016.1	17.1	- .1	8.8		01	1	0	5	275	
60670 DJANET	2433N	00928E	1054		908.1	1533 Y	19.6	1.4	5.3		0	0	-1	4	284	100
60680 TAMANRASSET	2247N	00531E	1378		866.9	1532 Y	19.4	2.1	5.0		1	2	0	4	267	100
<b>TUNISIA</b>																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1016.4	1016.9	18.0	2.1	16.4		2	18	-38	1	171	98
60725 JENDOUBA	3629N	00848E	144		1000.7	1017.7	15.5	1.1	12.7		4	24	-18	2	174	104
60735 KAIROUAN	3540N	01006E	68		1009.6	1017.7	17.7	1.8	13.4		2	8	-20	2	210	101
60745 GAFSA	3425N	00849E	314		979.0	1015.9	15.9	1.9	10.4		5	54	37	5	179	81
60765 GABES	3353N	01006E	5		1016.8	1017.4	18.9	2.1	13.4		1	8	-23	3	223	98
<b>NIGER</b>																
61017 BILMA	1841N	01255E	357		972.4	1012.9	23.1		8.6		0	0			300	
61024 AGADEZ	1658N	00759E	502		955.4	1011.1	27.1		5.4		0	0		0	257	85
61036 TILLABERY	1412N	00127E	210		986.6	1010.0	30.1		12.0		0	0		5	284	95
61043 TAHOUA	1454N	00515E	391			1008.2	29.2		6.7		0	0		5	278	90
61045 GOURE	1359N	01018E	460		961.5	1010.0	27.1		5.8		0	0		5	284	
61052 NIAMEY-AERO	1329N	00210E	227		984.3	1009.0	29.9		10.9						287	100
61075 BIRNI-N' KONNI	1348N	00515E	273		979.2	1009.6	28.8		10.7						101	30
61080 MARADI	1328N	00705E	373		961.1	1008.6	26.8		10.2		0	0		5	283	95
61090 ZINDER	1347N	00859E	453		960.1	1010.4	27.4		7.8		0	0		5	282	80
61096 MAINE-SOROA	1314N	01159E	337		972.2	1009.7	27.6		10.2		0	0		0	282	
<b>MALI</b>																
61202 TESSALIT	2012N	00059E	491		957.2	1011.3	27.8		5.3							
61223 TOMBOUCTOU	1643N	00300W	264		981.9	1011.4	29.2		9.3		0	0	-1	5	244	89
61226 GAO	1616N	00003W	260		981.5	1010.1	30.4	2.7	8.9		0	0	0		249	89
61233 NARA	1510N	00717W	265				28.6	1.8	12.5		1	2	-1			
61240 HOMBORI	1520N	00141W	288		978.9	1009.6	30.5	1.9	11.6		0	0	0	0		
61265 MOPTI	1431N	00406W	272				28.4	1.5	15.9		0	0	-1	0	165	59

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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	
61270 KITA	1304N	00928W	334		972.9	1010.0	26.5	.0	20.1		05	0005	0000	0		
61272 SEGOU	1324N	00609W	289		977.8	1009.9	28.3	1.5	18.4		00	0	-1	0	239	91
61277 SAN	1320N	00450W	284		978.4	1009.9	28.7	1.5	19.5		1			5		
61285 KENIEBA	1251N	01114W	132		995.9	1010.8	26.7	.0	22.1		01	1	-2	0	230	91
61291 BAMAKO/SENOU	1232N	00757W	381		968.8	1009.5	26.5	.0	16.7		1	9	7	0	238	88
61293 KOUTIALA	1223N	00528W	367		968.9	1009.5	28.4	2.9	22.2		0	0	-4	0	252	89
61296 BOUGOUNI	1125N	00730W	351		970.8	1009.5	26.9	.8	20.8		2	5	-1	3		
61297 SIKASSO	1121N	00541W	375				27.2	1.3			2	18	7	4		
<b>MAURITANIA</b>																
61415 NOUADHIBOU	2056N	01702W	3		1014.8	1015.3	21.0		28.2		0	0		2	287	120
<b>SENEGAL</b>																
61627 LINGUERE	1523N	01507W	21		1008.5	1010.8	29.7		16.2	2.7	0	0	-1	4	252	102
61641 DAKAR/YOFF	1444N	01730W	24		1008.7	1012.0	26.5		24.7	1.0	0	0	-1	5		
61679 KAOLACK	1408N	01604W	7		1011.2	1011.4	28.6		23.1		00	0	-4	0	214	84
61687 TAMBACOUNDA	1346N	01341W	50		1004.9	1010.5	28.4		19.3	3.1	0	0	-1	0	194	75
61699 KEDOUGOU	1234N	01213W	167		991.0	1009.8	26.9		21.9		3	15	11	5	193	75
<b>OCEAN ISLANDS (UK)</b>																
61901 ST. HELENA IS.	1556S	00504W	436		966.7	1017.4	18.4				3	31			133	170
<b>MAURITIUS</b>																
61974 AGALEGA	1026S	05645E	3		1011.5	1012.0	27.3	.6	29.3	1.0	11	122	-3	4	235	
<b>OCEAN ISLANDS (FRANCE)</b>																
61976 SERGE-FROLOW (ILE TROMELIN)	1553S	05431E	13		1012.2	1014.4	26.4		24.7		6	23		6	261	
61980 SAINT-DENIS/GILLOT (REUNION)	2053S	05531E	25			1016.3	24.4		21.5		8	52		6	234	
<b>MAURITIUS</b>																
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1013.4	1013.8	26.5	.9	26.8	.6	7	99	72	6		
61988 RODRIGUES	1941S	06325E	59		1009.6	1015.9	24.8	.7	23.3	.5	7	56	-7	4	256	94
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1010.9	1016.8	24.6	.8	23.3	.0	11	62	-27	3	251	104
<b>OCEAN ISLANDS (FRANCE)</b>																
61998 PORT-AUX-FRANCAIS (ILES KERG)	4921S	07015E	30		995.1	998.7	4.4	-.3	6.2		9	46	-6	3	150	86
<b>EGYPT</b>																
62306 MERSA MATRUH	3120N	02713E	29		1015.3	1018.8	19.1	1.2	15.0	1.0	2	15		3	247	111
62337 EL ARISH	3105N	03350E	38		1012.8	1016.7	18.8	1.1	15.8	1.7	3	3		3		
62378 HELWAN	2952N	03120E	141		996.9	1013.6	20.1	1.3	14.8	2.6	1	1		2	262	107
62414 ASSWAN	2358N	03247E	194		991.3	1013.6	23.4	1.9	9.7	.8					297	99
62435 KHARGA	2527N	03032E	73		1005.2	1014.5	21.8	1.5	13.9	2.8					284	98
<b>SUDAN</b>																
62600 WADI HALFA	2149N	03129E	183		991.7	1012.7	24.9	2.4	12.2		0	0	0	5	300	90
62640 ABU HAMED	1932N	03319E	312		974.8	1010.1	27.5	1.4	12.3		0	0	-1	5	315	95
62641 PORT SUDAN	1935N	03713E	2		1007.6	1012.3	28.4	1.1	24.3		1	7	-28	4	238	70
62650 DONGOLA	1910N	03029E	226		985.3	1012.2	22.5	-1.0	18.5		0	0	-1	5	311	80



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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
62660 KARIMA	1833N	03151E	249		981.3	1000.9	27.1	1.5	10.0		0	0	-T	5	318	95
62680 ATBARA	1742N	03358E	345		969.0	1007.8	28.3	.9	13.8		0	0	0	5	310	90
62721 KHARTOUM	1536N	03233E	380		965.8	1009.0	29.5	1.4	12.2		0	0	-1	5		
<b>62730 KASSALA</b>	1528N	03624E	500				30.3	1.1	11.4		0	0	-1	5	309	90
62751 WAD MEDANI	1424N	03329E	408		963.5	1008.7	26.7	-.6	15.3		0	0	-1	5	315	95
62752 GEDAREF	1402N	03524E	599		940.7	1006.6	29.6	.7	14.0		0	0	-3	5	276	80
<b>62760 EL FASHER</b>	1337N	02520E	730		928.9	1008.7	27.2	4.2	18.5		0	0	-T	5	319	90
<b>62762 SENNAR</b>	1333N	03337E	418		959.8	1006.9	27.6	.1	14.3		0	0	-1	5	312	90
<b>62770 GENEINA</b>	1329N	02227E	805		923.0	1010.4	28.7	4.7	17.0		0	0	-1	5	300	85
62771 EL OBEID	1310N	03014E	574		945.2	1008.7	27.3	1.4	18.9		0	0	-1	5	309	90
62772 KOSTI	1310N	03240E	381		965.5	1007.8	29.4	1.8	21.8		0	0	-2	5	313	90
<b>62781 EN NAHUD</b>	1242N	02826E	564		949.0	1010.3	27.1	1.2	20.9		0	0	-T	5	312	90
62790 NYALA	1203N	02453E	674		938.3	1009.5	27.5	1.0	17.2		0	0	-T	5		
62795 ABU NA'AMA	1244N	03408E	445		957.3	1006.4	29.5	1.2	13.3		0	0	-1	5	305	85
62805 DAMAZINE	1147N	03423E	470		953.7	1005.7	28.1	.2	16.8		0	T	-2	5	282	80
62810 KADUGLI	1100N	02943E	499		953.7	1008.2	32.2	4.7	13.5		0	0	-1	5	296	85
<b>62840 MALAKAL</b>	0933N	03139E	388		964.7	1008.1	27.5	.0	17.4		2	41	37	3	251	75
<b>62941 JUBA</b>	0452N	03136E	457		955.6	1007.2	29.5	1.9	24.1		11	207	161	2	198	55
<b>ETHIOPIA</b>																
63331 GONDAR	1232N	03725E	1667				21.0		9.6		0	0	-22			105
63402 JIMMA	0740N	03650E	1725		835.6		19.1		15.0		7	30	8			110
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		773.8	1011.5	15.6		8.5							
63471 DIREDAWA	0936N	04151E	1260		885.7		24.2	-2.7	12.8		1	1	-21			105
<b>KENYA</b>																
63686 ELDORET	0032N	03517E	2133		789.9	1485 Y	18.1		12.8		4	8				
<b>63723 GARISSA</b>	0028S	03938E	147		993.6	1010.0	29.2	-.7	26.6	1.8	7	106			257	102
<b>63740 NAIROBI/KENYATTA AIRPORT</b>	0119S	03655E	1624		839.1	1021.2			16.6		11	120			229	
<b>UNITED REPUBLIC OF TANZANIA</b>																
63756 MWANZA	0228S	03255E	1140		886.8	1509 Y	23.8		20.0		12	86	-80	3		
<b>KENYA</b>																
63799 MALINDI	0314S	04006E	23		1010.6		26.7		30.6		8	70				90
<b>UNITED REPUBLIC OF TANZANIA</b>																
<b>63832 TABORA AIRPORT</b>	0505S	03250E	1190		880.6	1486 Y	26.5		16.2		8	77	-60	3		
<b>63862 DODOMA</b>	0610S	03546E	1120		889.9	1518 Y	25.7		15.2							
<b>63894 DAR ES SALAAM AIRPORT</b>	0652S	03912E	55		1006.1	1012.4	27.7		27.2		4	89	-43	2		
<b>63962 SONGEA</b>	1041S	03535E	1067		896.3	1529 Y	25.3		16.6		2	23	-51	2		
63971 MTWARA	1016S	04011E	113		999.8	1012.5	27.3		26.6		3	7	-52	1		
<b>SEYCHELLES</b>																
<b>63980 SEYCHELLES INT. AIRPORT</b>	0440S	05531E	3		1010.4	1010.8	27.2	.4	28.6	.5	9	129	-86	1	229	117
<b>DEMO. REPUBLIC OF THE CONGO</b>																
64210 KINSHASA/N'DJILI	0423S	01526E	312		974.8	1009.7	25.5		26.8		13	286				

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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>CONGO</b>																
64400	POINTE-NOIRE	0449S	01154E	17	1008.4	1010.4	26.6		29.9		9	43		2	160	115
64401	LOUBOMO	0412S	01242E	330	972.5	1009.9	27.8		26.9		14	210				
64402	MOUYONDZI	0359S	01355E	512	952.6	1008.9	24.5		26.3		18	218				
64405	SIBITI	0341S	01321E	531			23.8		25.6		18	416				
64450	BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316	974.4	1009.5	25.6		26.4		17	339		4	147	90
64452	M'POUYA	0237S	01613E	312			26.6		26.6		12	203				
64454	GAMBOMA	0152S	01552E	377	967.4	1009.0	25.6		26.6		10	83		1		
64458	OUESSO	0137N	01603E	352	969.7	1009.0	24.9		27.1		12	121		0		
64459	IMPFONDO	0137N	01804E	326			25.0		27.6		11	125		2		
<b>GABON</b>																
64500	LIBREVILLE	0027N	00925E	15	1008.6	1010.0	26.1	.2	30.3		27	707	217		143	107
64503	MAYUMBA	0325S	01039E	34	1006.4	1010.5	26.0	.5	30.9		12	312	-23			
64510	BITAM	0205N	01129E	599			24.1	-.2	25.5		13	181	6			
64550	MOUILA	0152S	01101E	89		1010.5	26.1	-.6	28.9		19	269	-128			
64551	LAMBARENE	0043S	01014E	26	1007.8	1010.7	26.5	-.4	29.8		16	0332	-061			
64556	MAKOKOU	0034N	01252E	515	952.3	1008.9	23.7	-.4	25.3		19	0213	-012			
<b>CENTRAL AFRICAN REPUBLIC</b>																
64600	BERBERATI	0415N	01548E	583	944.8	1008.9	24.8		25.2		10	38				
64601	BOUAR	0558N	01538E	1020	899.1	1020.6	23.4		18.0		3	11				
64650	BANGUI	0424N	01831E	366	968.2	1009.0	25.3		26.1		7	74			171	
64655	BRIA	0632N	02159E	584	944.9	1008.6	24.6		24.2		5	85				
64656	BANGASSOU	0444N	02250E	500	953.9	1008.7	25.1		26.1		11	93				
<b>CHAD</b>																
64700	NDJAMENA	1208N	01502E	295	975.7	1009.0	28.1		10.9	.6	0	0	-1	0	229	76
<b>BENIN</b>																
65306	KANDI	1108N	00256E	292	976.7	1009.2	28.2	1.7	17.1	2.2	0	0	-1	1	278	99
65319	NATITINGOU	1019N	00123E	461	958.8	1009.8	26.2	-.2	19.1	2.5	4	64	55	5	266	101
65330	PARAKOU	0921N	00237E	393	966.4	1009.8	27.5	.9	20.5	1.2	1	18	12	5	253	105
65335	SAVE	0802N	00228E	200	986.9	1009.2	27.9	-.1	28.5	4.2	3	23	10	5	228	104
65338	BOHICON	0710N	00204E	167	991.4	1010.2	27.7	-.7	29.3	1.8	3	54	32	5	239	103
65344	COTONOU	0621N	00223E	9	1009.0	1010.1	28.4	.8	31.5	1.2	7	58	17	4	213	88
<b>TOGO</b>																
65352	MANGO	1022N	00028E	146	992.7	1010.2	28.5	.6	21.2		1	5	0	4		
65361	SOKODE	0859N	00109E	387	965.6	1009.3	26.1		24.0		2	6	-13	3		
65376	ATAKPAME	0735N	00107E	402	964.3		26.7	.1	24.7		3	28	-1	4		
65387	LOME	0610N	00115E	25	1007.5		28.5	1.2	31.2		4	25	5	4	225	94
<b>BURKINA FASO</b>																
65501	DORI	1402N	00002W	277	978.8	1009.7	28.8		12.6		0	0		5	273	
65502	Ouahigouya	1334N	00225W	336	971.8	1008.9	29.5		12.2		0	0		4	226	
65503	Ouagadougou	1221N	00131W	306	975.6	1009.5	28.9		16.9		0	0		3	276	95
65505	Dedougou	1228N	00329W	300	976.0	1009.3	29.0		15.2		1	19		6	272	
65507	FADA N'GOURMA	1202N	00022E	309	974.9	1009.2	28.4		16.3						287	

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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	%		
65510 BOBO-DIOULASSO	1110N	00419W	460		958.8	1009.4	28.1		18.2		0	T		3	253	85
<b>65516 BOROMO</b>	1145N	00256W	271		979.0	1009.1	28.5		15.9		0	0		3	262	
65518 PO	1109N	00109W	322		973.0	1008.8	28.2		17.4		1	3		4		
65522 GAOUA	1020N	00311W	335		976.8	1009.4	26.9		22.4		2	76		1	253	
<b>COTE D'IVOIRE</b>																
65545 BONDOUKOU	0803N	00247W	370		968.5	1010.0	26.2	.2	26.5	1.0	6	92	61	5		
65557 GAGNOA	0608N	00557W	210		987.0	1010.4	25.8	-.7	28.7	.9	16	200	104	5	175	97
65562 DIMBOKRO	0639N	00442W	92				27.3	-.3	29.8	1.9	10	114	54		219	108
65592 TABOU	0425N	00722W	21		1008.5	1010.8	26.2	.4	30.2	-.4	18	283	105	5	212	101
65599 SASSANDRA	0457N	00605W	66		1002.5	1010.0	26.4	.2	30.5	1.1	15	148	29	5	212	95
<b>COMOROS</b>																
<b>67005 DZAUDZI/PAMANZI (MAYOTTE)</b>	1248S	04517E	7			1012.9	27.1		28.3		7	88		6	220	
<b>MADAGASCAR</b>																
<b>67009 DIEGO-SUAREZ</b>	1221S	04918E	105		1001.1	1012.9	26.7	.4	24.7	.8					269	96
67027 MAJUNGA	1540S	04621E	18		1010.0	1012.1	28.6	.9	27.0	-.1	3	94	-24	3	294	102
<b>67083 ANTANANARIVO/IVATO</b>	1848S	04729E	1276		875.8	1532 Y	20.3	.6	17.6	.4	12	167	-20	3	239	103
<b>67095 TAMATAVE</b>	1807S	04924E	6		1014.6	1015.3	24.9	.6	25.9	.1	11	121	-48	2	254	108
<b>67161 TULEAR</b>	2323S	04344E	8		1011.8	1012.7	26.9	1.6	18.1	.3	1	2	-19	2		
<b>MOZAMBIQUE</b>																
67297 BEIRA	1948S	03454E	16		1011.0	1012.8	26.7		27.1		4	0196		5	258	
<b>ZIMBABWE</b>																
67775 HARARE (KUTSAGA)	1755S	03108E	1480				22.7	1.5	14.2		4	39	-62	1		
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		867.1	1516 Y	23.1		15.1		8	45	-46	1	245	110
<b>SOUTH AFRICA</b>																
68262 PRETORIA	2544S	02811E	1306		871.4	1526 Y	23.3		17.0		9	65	55	2	221	87
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		832.6	1518 Y	18.9		13.2		8	44	33	1	236	95
<b>68424 UPINGTON</b>	2842S	02127E	850		921.7	1551 Y	25.7		10.4		2	25	24	4	358	104
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		860.9	1462 Y	20.7		12.3		6	42	37	3		
68461 BETHLEHEM	2825S	02833E	1690		832.5	1510 Y	18.4		14.5		8	59	54	2	262	89
68512 SPRINGBOK	2967S	01790E	1007		900.9	1508 Y	19.5		11.4		1	1	-4	3	343	116
68538 DE AAR	3065S	02400E	1287		870.8	1495 Y	21.7		10.8		3	43	38	5	329	111
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1014.2	1015.8	21.9		20.1		11	61	51	1	167	101
<b>68618 CALVINIA</b>	3128S	01946E	975		904.4	1509 Y	18.8		9.0		0	0	-10	0	352	212
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1010.8	1015.8	18.7		13.9		1	6	5	2	330	107
68828 GEORGE AIRPORT	3401S	02223E	190		993.9	1016.2	17.5		14.4		3	12	11	3	227	73
68842 PORT ELIZABETH	3398S	02562E	69		1008.6	1015.8	18.6		16.1		2	7	3	0	276	110
<b>68858 EAST LONDON</b>	3302S	02750E	125		1001.2	1015.9	19.7				5	29	18	1		
<b>68906 GOUGH ISLAND</b>	4021S	00953W	54		1009.3	1015.9	13.4		12.4		15	226	200	3	133	83
<b>68994 MARION ISLAND</b>	4653S	03752E	21		1000.1	1002.8	6.0		7.4		18	182	165	3	139	87
<b>N AMERICA</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.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>USA (ALASKA)</b>																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1006.8	-16.1	2.6			3	9	3	3		
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1005.6	-10.2	3.2	3.1		9	70	55	5		
70200 NOME	6430N	16526W	7			1005.5	-6.0	2.9	4.0		13	77	51	5		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			1008.7	-3.8	4.6	5.3		17	105	78	6		
70231 MCGRATH	6258N	15537W	103			1010.1	-9.9	5.4			11	68	36	5		
70249 PUNTILLA	6206N	15245W	560				-10.7		3.2		0	9999				
70261 FAIRBANKS/INT.	6449N	14752W	138			1011.1	-12.6	3.7				42	22	5		
70273 ANCHORAGE/INT.	6110N	15001W	40			1008.4	-5.7	.3	6.5		11	65	37	4		
70308 ST. PAUL	5709N	17013W	9			1008.9	2.1	1.5	6.5		18	59	-12	3		
70316 COLD BAY	5512N	16243W	31			1013.4	2.7	1.4	6.7		21	98	-8	3		
70326 KING SALMON	5841N	15639W	15			1010.5	-2.8	2.6	6.5		14	79	42	5		
70341 HOMER/MUNICIPAL	5938N	15130W	22			1008.1	-1.1	.8	6.5		13	39	-27	2		
70361 YAKUTAT	5931N	13940W	9			1007.1	-.7	-.3	6.4		17	265	-103	6		
70398 ANNETTE ISLAND	5502N	13134W	34			1011.5	3.6	-.5	6.5		18	269	-27	2		
<b>USA</b>																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1016.7	25.8	1.6	24.4		6	89	17	4		
72202 MIAMI, FL.	2549N	08017W	4			1017.4	24.4	1.3	23.0		9	169	102	5		
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1017.8	23.9	1.5	22.0		9	175	56	5		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1018.9	21.5	1.5	20.0		5	62	4	4		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1019.9	18.4	1.8	17.3		4	20	-35	2		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1020.6	17.1	2.0	16.2		7	43	-12	6		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1020.4	16.6	1.9	14.8		3	22	-41	1		
72211 TAMPA/INT., FL.	2758N	08232W	3			1018.8	21.7	2.0	19.1		4	22	-23	2		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1020.1	17.1	1.7	15.6		5	72	-26	3		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1020.5	15.6	2.3	12.5		6	54	-15	3		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1020.6	14.1	1.3	13.8		5	20	-43	1		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1020.7	14.1	2.4	12.8		7	106	8	4		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1020.3	17.4	2.0	14.5		4	94	-10	4		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1020.6	15.5	1.8	13.8		3	101	-2	4		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1020.2	19.0	2.8	16.8		4	156	44	4		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1020.4	14.5		13.0		7	144		5		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1020.3	14.9	1.7	13.8		4	139	17	4		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1020.3	17.7	1.9	16.5		5	93	-15	3		
72242 GALVESTON, TX.	2918N	09448W	16			1019.5	20.1	2.2	19.6		3	41	-44	6		
72243 HOUSTON/INTERCONTI- NENTAL,	2958N	09521W	33			1019.3	18.3	2.2	16.6		6	199	103	5		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1019.1	15.4	1.7	13.1		7	71	-42	2		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1017.8	21.8	1.4	21.8		4	11	-27	6		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1018.3	20.0	1.3	21.2		1	22	-18	2		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1018.2	17.2	1.4	14.3		1	8	-58	1		
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189			1018.9	16.7	.6	13.3		5	34	-26	2		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1018.9	18.7	1.5	18.0		3	90	28	4		
72256 WACO, MADISON-COOPER, TX.	3137N	09713W	155			1018.9	16.0	1.7	14.3		7	35	-26	6		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1018.2	15.2	1.8	12.2		5	80	22	4		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1018.5	13.7	.7	11.0		4	19	-8	3		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1016.7	12.9	1.5	9.3		2	4	-13	2		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1018.0	13.6	.9	10.6		5	64	27	5		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1016.6	11.0	1.1	7.4		4	12	-7	3		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
72270 EL PASO/INT., TX.	3148N	10624W	1194			1015.6	13.0	1.7	6.3		2	14	3	4		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1015.8	15.1	.0	7.2		1	26	9	4		
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337			1016.0	16.7	.1	6.7		2	17	1	4		
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9			1018.0	16.0	-.7	11.3		3	15	-21	3		
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1017.6	15.3	-1.1	11.1		2	20	-24	3		
72304 CAPE HATTERAS, NC.	3516N	07533W	3				16.4	2.5			4	83	-43	1		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1020.4	13.6	2.9	11.9		5	46	-29	1		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1019.7	14.4	3.0	12.4		4	63	-9	3		
72310 COLUMBIA, SC.	3357N	08107W	69			1020.4	14.8	2.2	13.7		4	31	-42	2		
72312 GREENVILLE/SPATANBURG, SC	3454N	08213W	296			1020.0	13.3	2.4	11.8		10	93	1	3		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1020.4	13.0	1.8	12.0		4	21	-61	6		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1020.3	10.7	2.1	10.4		8	99	8	4		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1020.4	12.4	2.7	11.0		3	41	-34	2		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210			1021.2	12.6	2.3	11.3		10	136	19	4		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1020.3	11.6	2.3	11.0		9	121	26	4		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1020.4	12.0	2.0	10.8		10	106	2	4		
72340 NORTH LITTLE ROCK/MUNICIPAL	3450N	09215W	165				12.3		12.7		7	122		3		
72344 FORT SMITH/MUN., AR.	3520N	09422W	141			1019.1	12.2	1.9	10.8		10	118	17	4		
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1017.7	12.8	1.5	10.1		5	47	8	4		
72365 ALBUQUERQUE/INT., NM.	3503N	10637W	1620			1017.3	7.7	.9	4.7		2	12	2	4		
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664			1017.5	11.6	-1.2	6.6		2	16	6	4		
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100			1019.4	11.3	-.7	8.2		2	10	-24	2		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1020.2	12.0	2.2	11.6		4	86	6	4		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20			1019.7	11.7	1.8	10.3		7	107	28	5		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1018.9	10.3	2.1	10.4		6	123	39	5		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1019.0	9.9	2.2	10.6		7	112	22	4		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1018.8	10.3	2.3	12.2		6	67	-17	3		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1019.9	11.2	2.6	9.9		9	106	25	5		
72412 BECKLEY(RALEIGH CTY.MUN),WV.	3747N	08107W	766			1020.4	8.9	2.6	9.4		11	170	95	6		
72414 CHARLESTON/KANAWHA.,WV.	3822N	08136W	299			1019.7	9.8	1.6	9.1		10	232	141	6		
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267			1018.9	8.8	2.0	9.7		10	102	15	4		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301			1019.9	9.6		11.2		13	151		5		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1019.4	11.4	3.0	10.1		12	145	51	4		
72425 HUNTINGTON, WV	3822N	08233W	255			1019.5	10.4	2.3	10.0		10	198	115	6		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1018.7	8.4	2.3	9.5		10	73	-8	6		
72429 DAYTON/. COX, OH	3952N	08407E	306			1019.3	7.9	1.8	8.5		10	98	20	5		
72432 EVANSVILLE/REG., IN.	3803N	08732W	118			1019.6	10.1	2.2	10.5		11	112	18	4		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1018.6	9.6	1.7	9.7		9	136	53	5		
72438 INDIANAPOLIS/I.-MUN/WEI.,IN.	3944N	08616W	246			1018.5	8.3	2.2	9.1		12	93	11	4		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1018.1	7.1	1.0	8.8		10	123	59	5		
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274			1018.2	7.8	1.1	9.2		6	52	-22	3		
72476 GRAND JUNCTION/WALKER F.,CO.	3907N	10832W	1475			1019.0	2.7	-2.0	5.5		8	26	8	5		
72483 SACRAMENTO/EXECUTIVECA.	3831N	12130W	8			1019.2	10.9	-.9	9.6		7	40	-29	3		
72486 ELY/YELLAND, NV.	3917N	11451W	1909			1019.3	-.8	-2.0			7	19	2	4		
72488 RENO/INT., NV.	3930N	11947W	1341			1018.7	4.8	.2			1	3	-19	2		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1019.3	12.2	-.5	10.9		8	55	-17	4		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1017.9	10.5	1.9	9.7		8	98	2	3		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1017.6	8.0	1.3	7.7		10	45	-67	1		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1017.5	6.8	1.3	7.1		9	80	-22	2		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	o <sub>c</sub>	o <sub>c</sub>	mb	mb		mm	mm		hr	
72509 BOSTON/LOGAN INT., MA	4222N	07102W	9			1017.2	7.7	.3	7.1		9	67	-40	2		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1017.5	6.9	1.7	8.9		8	88	11	4		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1017.9	5.1	1.6	7.9		7	73	-10	3		
72517 ALLENTOWN/A.-BETHLEHEM-, PA.	4039N	07526W	117			1018.8	8.2	2.0	9.0		6	86	-12	6		
<b>72519 SYRACUSE/HANCOCK, NY.</b>	4307N	07607W	124			1016.8	5.6	.9	7.9		12	80	-14	3		
<b>72520 PITTSBURGH/GREATER PITT., PA.</b>	4030N	08013W	373			1019.1	7.7	2.0	9.4		9	87	15	4		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1018.0	7.1	1.5	9.2		11	80	4	6		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1018.0	7.1	2.1	8.6		12	76	-3	4		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1016.6	6.1	1.4	7.9		14	104	7	4		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1017.0	5.6	.9	8.2		14	108	34	5		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1016.8	5.5	1.1	7.8		8	113	39	5		
<b>72532 PEORIA/GREATER PEORIA, IL.</b>	4040N	08941W	202			1018.0	6.1	1.0	8.3		7	86	18	5		
72533 FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252			1018.3	6.9	1.7	8.9		9	61	-9	3		
72535 SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236			1017.7	6.3	1.4	8.2		9	106	23	5		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1017.3	7.4	3.0	8.1		7	51	-20	2		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1017.0	6.9	2.3	8.2		9	75	8	6		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1017.4	5.0	.8	6.9		7	71	8	4		
<b>72546 DES MOINES/MUN., IA.</b>	4132N	09339W	294			1018.0	3.3	-.6	6.1		7	134	89	6		
<b>72556 NORFOLK/KARL STEFAN, NE.</b>	4159N	09726W	473			1017.8	2.1	-.2	5.0		2	26	1	4		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1018.8	1.7	-.7	5.5		3	30	3	4		
<b>72562 NORTH PLATTE/LEE BIRD, NE.</b>	4108N	10041W	849			1018.5	1.5	-.4	4.6		2	18	2	4		
72564 CHEYENNE, WY.	4109N	10449W	1872			1016.3	.8		3.6		3	7		2		
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1016.9	-1.0	-1.6	3.9		3	8	-11	6		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1019.1	2.9	-2.0	5.6		10	49	17	5		
<b>72576 LANDER/HUNT, WY.</b>	4249N	10844W	1694			1018.3	-4.3	-3.9	3.4		1	2	-18	0		
<b>72578 POCATELLO/NUM., ID.</b>	4255N	11236W	1365			1020.4	.0	-2.0			6	28	-1	4		
<b>72583 WINNEMUCCA/MUN., NV.</b>	4054N	11748W	1322			1019.5	1.3	-1.9			4	12	-11	3		
<b>72594 EUREKA, CA.</b>	4048N	12410W	18				8.9	-2.0			14	147	-16	3		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1019.2	6.3		8.1		11	61		3		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1017.0	4.7		6.2		9	57		1		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1016.6	4.8	1.1	6.6		9	78	-53	2		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1016.4	4.2	1.5	6.3		13	107	28	5		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1016.6	5.1	1.8	7.6		13	201	117	6		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1016.3	5.7	1.6	8.2		13	160	80	6		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1016.8	5.8	1.7	7.7		11	144	78	6		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1016.6	4.5	1.3	7.1		8	100	37	6		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1016.5	2.9	1.0	6.5		8	191	138	6		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1016.9	.0	-.3	5.3		8	28	-12	3		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1016.1	2.3	1.0	6.3		8	116	62	6		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1017.3	-.1	-.7	5.0		2	15	-12	3		
<b>72654 HURON/HURON REGIONAL, SD.</b>	4423N	09813W	393			1017.6	-1.9	-2.1	4.7		1	25	7	3		
<b>72658 MINNEAPOLIS/ST. PAUL INTL, MN.</b>	4453N	09313W	255			1016.6	.0	-.7	4.8		4	18	-21	2		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1017.8	-1.8	-3.4	4.2		3	13	-1	3		
<b>72666 SHERIDAN/COUNTY, WY.</b>	4446N	10658W	1209			1017.0	-2.1	-2.4	3.6		2	16	-5	3		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1016.3	-.7	-2.4	3.6		4	8	-13	1		
<b>72681 BOISE/MUN., ID.</b>	4334N	11613W	874			1019.7	3.2	-1.2	6.4		8	26	-11	3		
<b>72688 PENDLETON, OR.</b>	4541N	11851W	456			1018.1	3.8	-1.5	6.5		8	25	-15	3		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1018.2	7.4	-.4	7.5		15	104	-31	3		
<b>72712 CARIBOU/MUN., ME.</b>	4652N	06801W	190			1014.6	.4	1.1	5.3		11	97	7	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	
72734 SAULT STE. MARIE, MI.	4628N	08422W	221			1014.6	1.3	.7	5.9		10	129	42	5		
72745 DULUTH/INT. ,MN.	4650N	09211W	432			1015.4	-3.0	-1.0	4.4		5	43	-2	2		
72747 INT.FALLS/FALLS INT.MN.	4834N	09323W	361			1015.7	-5.4	-1.5	3.8		4	24	-5	1		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1017.0	-3.9	-1.7	4.3			14	-4	1		
<b>72764 BISMARCK/MUN. ,ND.</b>	4646N	10045W	506			1017.1	-5.4	-3.5	3.4		2	11	-1	2		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1017.9	-9.4	-6.7	3.1		5	14	3	4		
<b>72768 GLASGOW/INTL, MT.</b>	4813N	10637W	700			1017.1	-6.4	-4.8	3.5		1	11	4	2		
<b>72772 HELENA/COUNTY-CITY, MT.</b>	4636N	11200W	1188			1019.5	-1.8	-1.6	3.6		2	5	-7	1		
72773 MISSOULA/JOHNSON-BELL F.,MT.	4655N	11405W	972			1020.5	-3.0	-3.2			5	28	8	3		
72781 YAKIMA/YAKIMA AIR TERM. ,WA.	4634N	12032W	325			1018.6	1.2	-2.5			2	3	-23	1		
72785 SPOKANE/INT. ,WA.	4738N	11732W	721			1017.9	-1.1	-2.8	4.9		12	41	-13	3		
<b>72792 OLYMPIA, WA.</b>	4658N	12254W	61			1017.6	4.5	-1.3	7.1		15	221	17	6		
72797 QUILLAYUTE, WA.	4757N	12433W	62			1016.3	5.8		7.5		16	447		4		
<b>CANADA</b>																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74			1001.7	1011.4	-16.2	3.5	1.7	7	34	17	6	20	
<b>71066 HIGH LEVEL, ALTA</b>	5837N	11710W	338			968.7	1011.7	-12.9	-1	2.1	3	7	-22	1		
<b>71069 SLAVE LAKE, ALTA</b>	5518N	11447W	581			941.2	1013.4	-8.7	-2.3	2.7	4	12	-7	2		
<b>71078 LYNN LAKE, MAN.</b>	5652N	10105W	357			965.9	1011.1	-11.9	.6	2.3	5	10	-21	1	89	170
<b>71079 THOMPSON WEATHER OFFICE-MAN.</b>	5548N	09751W	204			983.0	1011.5	-11.7	.1	2.0	7	19	-14	1		
<b>71090 CLYDE,N.W.T.</b>	7029N	06831W	26			1004.1	1008.5	-16.5	.7	1.5	5	28	8	5		
<b>71095 POND INLET, N.W.T.</b>	7242N	07758W	55			1000.6	1008.1	-20.3		1.0	4	5		1		
71101 SANDSPIT,B.C.	5315N	13149W	6			1011.0	1011.8	5.4	.1		11	100	-89	1		
71109 PORT HARDY,B.C.	5041N	12722W	22			1012.0	1014.7	3.8	-1.4	6.7	17	160	-106	1		
<b>71197 PORT-AUX-BASQUES, NFLD.</b>	4734N	05910W	40			1009.4	1014.9	3.2	.2	6.3	14	82	-71	1		
<b>71600 SABLE ISLAND,N.S.</b>	4356N	06001W	4			1014.8	1015.4	7.8	.8	7.6	13	108	-38	1		
<b>71603 YARMOUTH, N.S.</b>	4350N	06605W	43			1010.6	1015.9	5.7	.9	8.0	11	80	-54	1	101	105
<b>71727 BAGOTVILLE,QUE.</b>	4820N	07100W	159			994.1	1014.0	-1.0	1.3	4.7	10	74	-4	4		
<b>71803 GANDER INT.AIRPORT, NFLD.</b>	4857N	05434W	151			993.1	1011.8	2.1	.7	6.0	12	140	32	5	92	125
<b>71813 NATASHQUAN,QUE.</b>	5011N	06149W	11			1009.8	1011.1	-.7	.7	5.1	12	113	-5	4		
<b>71816 GOOSE,NFLD.</b>	5319N	06025W	49			1002.7	1008.8	-2.3	1.7	4.1	10	56	-23	2	71	95
71827 LA GRANDE RIVIERE, QUE	5338N	07742W	195			985.6	1010.2	-5.0		4.0	15	74		4		
<b>71828 SCHEFFERVILLE,QUE.</b>	5448N	06648W	518			944.4	1009.0	-7.7	1.4	3.3	16	76	8	4		
<b>71842 SIOUX LOOKOUT,ONT.</b>	5007N	09154W	390			966.3	1015.0	-5.8	-.6	3.6	12	37	-11	2		
<b>71867 THE PAS, MAN.</b>	5358N	10106W	271			979.1	1013.3	-9.6	-1.9	2.6	3	7	-19	1	116	145
<b>71869 PRINCE ALBERT,SASK.</b>	5313N	10541W	428			960.8	1014.5	-9.5	-2.0	2.5	2	6	-10	2		
<b>71887 KAMLOOPS,B.C.</b>	5042N	12027W	346			974.9	1017.6	-1.4	-3.1	4.3	4	26	4	3		
<b>71905 KUUJJUARAPIK, QUE.</b>	5517N	07746W	10			1006.9	1008.2	-3.8	1.2	4.1	22	80	18	4		
<b>71906 KUUJJUAQ, QUE.</b>	5806N	06825W	37			1002.0	1007.0	-5.9	2.4	3.6	13	49	2	3		
<b>71907 INUKJUAQ, QUE</b>	5827N	07807W	6			1001.6	1004.9	-4.6	2.5	3.9	20	63	19	5		
<b>71909 IQALUIT,N.W.T.</b>	6345N	06833W	34			1000.7	1005.1	-8.7	4.0	3.0	10	21	-9	2		
<b>71910 CAPE DORSET, N.W.T.</b>	6413N	07632W	50			998.8	1004.8	-6.4		3.3	13	44	4	4		
<b>71924 RESOLUTE,N.W.T.</b>	7443N	09459W	67			1000.1	1009.2	-20.5	3.8	1.1	5	23	18	6	0	
<b>71926 BAKER LAKE, N.W.T.</b>	6418N	09605W	18			1004.1	1006.5	-16.4	4.2	1.7	10	32	13	5	34	
<b>71935 HAY RIVER,N.W.T.</b>	6050N	11547W	166			988.7	1010.0	-11.5	.9	2.2	3	10	-22	1		
<b>71945 FORT NELSON,B.C.</b>	5850N	12235W	382			963.3	1011.3	-10.6	2.7	2.3	6	10	-11	1		
<b>71950 SMITHERS,B.C.</b>	5449N	12711W	523			949.5	1013.1	-4.3	-1.8	3.7	5	18	-36	1		
<b>71957 INUVIK,N.W.T.</b>	6818N	13329W	68			1001.6	1010.7	-17.4	4.1	1.7	12	29	12	5		
<b>71964 WHITEHORSE, Y.T.</b>	6043N	13504W	703			924.1	1010.9	-11.4	-1.4	2.5	9	27		5		

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					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>MEXICO</b>																
76342 MONCLOVA, COAH.	2653N	10125W	615		947.7	1018.3	18.9		13.9		4	12		3	176	
76382 TORREON, COAH.	2532N	10327W	1124		890.0	1012.2	20.3		15.2		0	0		0	225	
76390 SALTILLO, COAH	2527N	10059W	1790		824.8	1014.3	15.5		10.5		4	7		0	261	
76393 MONTERREY, N.L.	2552N	10012W	512		958.3	1017.0	19.3		16.7		7	43		5	141	170
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1009.8	1015.5	20.9		16.9		1	1		0	263	
76405 LA PAZ, B.C.S.	2416N	11025W	18		1012.1	1014.2	23.8		19.3		1	2		3	257	
76423 DURANGO, DGO	2402N	10440W	1872		816.6	1013.3	16.5		9.9		0	0		1	246	
76458 COLONIA JUAN CARRAS-CO MAZAT	2312N	10625W	4		1012.1	1012.6	25.6	1.9	23.5	.7	0	0	-23	0	235	98
76548 TAMPICO, TAMPS	2213N	09751W	9		1015.0	1018.0	23.6	1.0	21.3	-1.1	5	155	121	6	183	124
76556 TEPIC, NAY	2131N	10454W	922		911.6	1012.0	22.5		19.0		0	0		0	266	
76577 GUANAJUATO, GTO.	2101N	10115W	1999		806.1	1014.4	16.8	.7	12.7	1.6	0	0	-15	1	243	96
76634 TULANCINGO, HGO.	2005N	09822W	2181		789.1	1022.8	15.8		10.3		4	16		3	236	
76647 VALLADOLID, YUC.	2042N	08813W	22		1012.1	1015.1	25.8		25.8		7	78		5	214	
76654 MANZANILLO, COL.	1903N	10420W	3		1010.6	1011.0	27.4		29.2		0	0		0	227	
76665 MORELIA, MICH.	1942N	10111W	1913		813.1	1014.4	17.4	1.4	12.8	1.2	2	17	2	3	233	123
76675 TOLUCA, MEX	1918N	09940W	2720		739.4	1015.0	11.5		9.7		5	32			242	
76692 HACIENDA YLANG YLANG VER.	1909N	09607W	13		1015.0	1016.9	24.5	.0	24.7	.7	5	0146	0092	5	199	112
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1014.6	1015.7	26.0		27.4		16	160		5	182	170
76743 VILLAHERMOSA, TAB	1759N	09255W	10		1015.1	1015.9N	24.9		19.4		13	323			148	170
76750 CHETUMAL, Q.ROO	1829N	08818W	9		1012.9	1013.9	25.4		26.9		12	43		2	167	160
76805 ACAPULCO, GRO.	1650N	09956W	13		1010.5	1010.9	28.3	.8	30.7	.9	0	0	-50	0	283	111
76848 COMITAN, CHIS.	1615N	09208W	1530		839.0	1009.9	17.0		15.4		6	20		3	204	
76903 TAPACHULA, CHIS.	1455N	09216W	182		1003.4	1016.8	27.8		28.6		5	52		3	194	
<b>JAMAICA</b>																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1012.4	1012.5	27.8		29.8		10	80			238	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1010.0	1011.6	28.2		25.2		5	70		4	236	
<b>PUERTO RICO AND US POSS</b>																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1012.6	26.5	-2	28.7		22	286	136	6		
<b>BELIZE</b>																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1013.6	1014.1	25.9	.5	28.4		19	392	210	5	173	95
<b>NICARAGUA</b>																
78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1003.8	1010.1	26.7		27.1		7	116		5	247	80
<b>COSTA RICA</b>																
78762 JUAN SANTAMARIA	1000N	08413W	939		908.6	1009.7	22.3	.7	22.1		18	180	45	4		
78767 PUERTO LIMON	1000N	08303W	3		1010.1		26.4	1.3	29.2		17	172	-195	1	104	71
<b>ST.MAARTEN, ST.EUST., SABA</b>																
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1013.2	1013.7	26.6	-3	27.1	-4	19			5	186	81
<b>ST.MARTIN, ST.BARTH., GUAD.</b>																
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1011.2		26.3	.0	28.8		22	434	214	5	131	70



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					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>MARTINIQUE</b>																
78925 LE LAMENTIN	1436N	06100W	7		1011.1	1012.0	27.1	.8	29.4	.9	24	227	3	2	157	69
<b>BARBADOS</b>																
78954 GRANTLEY ADAMS	1304N	05929W	56		1005.7	1012.1	27.6		32.7		15	234		4	227	65
<b>TRINIDAD AND TOBAGO</b>																
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1008.5	1011.0	27.1	1.2	31.2	3.0	15	205	-22	3	185	94
<b>CURACAO AND BONAIRE</b>																
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1010.1	1011.0	28.0	.3	30.1	.7	10	128	32	4	239	105
<b>COLOMBIA</b>																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1011.2	1011.3	27.7	.4	31.8	1.5	25	676	380	2	134	71
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				27.7	.4	30.5	.2	23	340	44	3	148	78
<b>S AMERICA</b>																
<b>COLOMBIA</b>																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1008.9	1009.4	29.1	1.3	30.6	2.0	7	124	80	3	203	90
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1008.8	1009.0	28.3	.7	32.4	2.1	9	215	83	1	158	76
80028 BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30		1007.6	1009.3	28.0	.6	32.6	2.7	8	191	112	4	169	87
80084 APARTADO/LOS CEDROS	0748N	07642W	20				27.3	-1	30.2	.3	13	119	40	1	144	74
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				27.5	.2	29.3	.6	17	378	107	2	171	105
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		881.0		21.5		22.1		13	209	98	1	151	100
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		974.0	1008.6	26.6	-1	27.5	1.3	11	337	220	2	195	103
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		991.9	1004.3	27.5	.6	29.8	1.0	5	28	-63	5	175	84
80112 RIONEGRO/J. M. CORDOVA	0608N	07526W	2142		790.4		26.4		25.6		15	205	114	1	196	94
80139 PUERTO CARRENO/A. GUAUQUEA	0610N	06730W	55				28.9	.9	28.2	1.1	10	106	3	3	207	96
80144 QUIBDO/EL CARANO	0543N	07637W	53				28.6	2.6	29.6	.4	24	538	-157	1	131	118
80210 PEREIRA/MATECANA	0449N	07544W	1342		861.1		21.4	.5	19.9	.6	16	320	42	2	135	87
80214 IBAGUE/PERALES	0426N	07509W	928				22.1	-9	22.3	-6	16	227	59	1	145	101
80222 BOGOTA/ELDORADO	0442N	07408W	2546		751.8		12.9	-5	12.4	-3	17	133	45	1	116	87
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		958.4	1008.0	25.6	.5	25.8	.6	20	548	145	1	163	116
80241 LAS GAVIOTAS	0433N	07055W	167		988.0	1007.0	26.2	.1	28.3	.5	9	257	70	4	157	87
80259 CALI/ALFONSO BONILLAARAGON	0333N	07623W	969		905.3		22.5		22.1		12	171	74	2	160	105
80315 NEIVA/BENITO SALAS	0258N	07518W	443		957.3	1005.8	26.7	-2	26.2	1.0	13	309	101	1	186	113
80370 IPIALES/SAN LUIS	0049N	07738W	2961				11.7	.4	11.1	.0	12	69	-46	1	136	116
80398 LETICIA/VASQUEZ COBO	0433S	06932W	84		1002.8	1011.2	26.0	-2	29.4	.0	17	357	56	1	168	113
<b>VENEZUELA</b>																
80403 CORO	1125N	06941W	17				28.7	1.1	30.6		5	125	68	5	212	84
80407 MARACAIBO-LA CHINITA	1034N	07144W	65		1000.8	1008.0	27.6	.3	30.1		6	54	-17	3	148	73
80410 BARQUISIMETO	1004N	06919W	614		940.6	1008.0	24.5	.6	24.8		5	29	-19	2	194	87
80413 MARACAY - B.A. SUCRE	1015N	06739W	437		961.6	1009.7	26.7	2.1	28.6		12	133	81	5	214	87
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1004.2	1009.6	27.9	1.2	19.2		9	29	-25	3	175	90
80416 CARACAS/LA CARLOTA	1030N	06653W	835		917.4		24.2	2.2	23.4		6	33	-40		164	78
80419 BARCELONA	1007N	06441W	7		1008.4	1009.3	28.2	1.5	30.5		3	22	-22	2	216	85

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					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	%		
80420 CUMANA	1027N	06411W	4		1009.4	1010.0	27.7		28.4		7	91			219	90
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19		1007.8	1010.0	27.9		31.8		6	66			260	100
<b>80423 GUIRIA</b>	1035N	06219W	14		1002.7	1004.4	26.3	-.6	23.1		14	196	99	5	205	95
<b>80425 MENE GRANDE</b>	0949N	07056W	28				27.5	.8	31.0		13	189	42	4	145	71
80426 VALERA	0921N	07037W	582				24.7		26.0		13	75			141	95
80427 ACARIGUA	0933N	06914W	225				26.3	.5	28.9		5	49	-62		187	87
80428 GUANARE	0901N	06944W	163				26.9	1.0	28.0		8	160	49		191	87
80431 SAN JUAN DE LOS MORROS	0955N	06720W	429				24.5		23.0		11	192			201	85
80432 CARRIZAL	0925N	06655W	161		987.6	1005.6	26.8		29.5		7	68			277	105
80434 VALLE DE LA PASCUA	0913N	06601W	125		989.9	1004.9	26.9		27.3		3	28			216	
80435 MATURIN	0945N	06311W	66		1002.0	1009.5	27.2	1.0	29.7		9	48	-87	1	206	94
80437 EL VIGIA	0838N	07139W	103				26.6		25.9		19	322			150	
<b>80438 MERIDA</b>	0836N	07111W	1498		849.5	1492 Y	19.9	1.2	18.3		16	234	39	4	198	100
80442 CALABOZO	0856N	06725W	101				27.7		19.2		5	155			222	
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378				26.4	1.0	23.5		9	184	72	4	170	93
80448 GUASDUALITO	0714N	07048W	131				26.2	.2	28.9		7	96	-9		199	92
<b>80450 SAN FERNANDO DE APURE</b>	0754N	06725W	48				27.7	.8	30.9		6	36	-8	3	241	92
<b>80453 TUMEREMO</b>	0718N	06127W	181		980.0	1005.8	26.6	1.3	30.7		8	60	-43	2	195	100
80457 PUERTO AYACUCHO	0536N	06730W	74		1002.6	1011.1	27.4	.7	22.3		10	138	11	4	197	89
<b>80462 SANTA ELENA DE UAIREN</b>	0436N	06107W	907				22.3	.8	22.5		14	390	276	6	213	99
80472 VALENCIA	1010N	06756W	431		960.3	1007.8	25.7		27.3		9	78			198	
80475 STO. DOMINGO (B.A.)	0735N	07204W	327				24.8		24.1		10	203			176	110
<b>SURINAME</b>																
81225 ZANDERIJ	0527N	05512W	15		1008.5	1010.9	26.9				13	133				
<b>FRENCH GUIANA</b>																
<b>81405 CAYENNE/ROCHAMBEAU</b>	0450N	05222W	9		1009.3	1010.2	26.9		29.9		12	113	-40	2	203	90
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1009.1	1009.9	27.7		29.3		11	88	-54	2	172	82
81415 MARIPASOULA	0338N	05402W	106		998.3	1010.3	26.9		28.6		12	149	37	4		
<b>BRAZIL</b>																
<b>82024 BOA VISTA</b>	0249N	06039W	90				29.0		30.0		5	29		2		
82098 MACAPA	0002N	05103W	15		1008.5	1010.3	28.5	.8	29.7		2	12	-46	1	280	111
<b>82106 SAO GABRIEL DA CACHOEIRA</b>	0008S	06705W	90				27.1		31.6		12	254		4	153	
82191 BELEM	0127S	04828W	10		1008.4	1009.0	27.7	1.3	30.5		15	137	26	4	224	110
82212 FONTE BOA	0232S	06610W	56		1002.4	1010.7	26.1		28.8		8	72		2	194	
82246 BELTERRA	0238S	05457W	176		991.4	1011.1	26.7	1.0	30.8		6	63	-14	3	209	103
82280 SAO LUIZ	0232S	04418W	51		1004.3	1010.1	27.9	.9	29.4		2	5	-5	4	242	99
82287 PARNAIBA	0305S	04147W	22		1003.8	1006.5	28.3	.7	26.9		01	1	-7	3	289	100
82397 FORTALEZA	0346S	03836W	26		1008.6	1011.7	27.8	.6	27.5		3	19	6	4	295	104
<b>82410 BENJAMIN CONSTANT</b>	0423S	07002W	65				26.9		31.1		14	332		5	164	
<b>82425 COARI</b>	0405S	06308W	46		1004.5	1010.0	28.1		30.7		8	114		1	180	
82445 ITAITUBA	0416S	05559W	45		1006.5	1011.7	27.9	.4	33.1		9	169	41	4	85	49
82533 MANICORE	0549S	06118W	50		1004.2	1009.8	27.0		28.3		12	214	3	3	152	
82562 MARABA	0521S	04909W	95		998.7	1009.5	27.5	1.1	29.2		5	146	-6	3	92	83
<b>82571 BARRA DO CORDA</b>	0530S	04516W	153		992.0	1011.6	28.0	1.3	28.3		8	137	60	4	209	135
82578 TERESINA	0505S	04249W	74		1000.9	1010.9	28.8	.1	29.1		7	76	12	4	228	98
<b>82586 QUIXERAMOBIM</b>	0512S	03918W	212		985.5	1009.0	28.5	1.7	23.3		0	0	-7	2	255	98

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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	
82598	NATAL	0546S	03512W	45		1006.8	1012.1	27.4		28.9		3	16		2	307	105
82678	FLORIANO	0646S	04301W	123		995.5	1011.1	29.9	-.3	24.6		8	83	-8	3	246	126
<b>82704</b>	<b>CRUZEIRO DO SUL</b>	0738S	07240W	170		985.5	1004.9	26.0		28.4		12	161		2	119	
82723	LABREA	0715S	06450W	60		1001.2	1009.4	26.6		30.3		11	130		1	132	
82765	CAROLINA	0720S	04728W	192		989.1	1013.0	26.7	.8	29.2		9	103	-63	1	146	103
82784	BARBALHA	0719S	03918W	409		964.4	1016.0	28.8	2.0	22.5		3	37	33	3	278	109
82791	PATOS	0701S	03716W	249		982.0	1009.6	29.2		18.3		0	0		2	311	115
82825	PORTO VELHO	0846S	06305W	95		998.8	1005.7	24.9	-.8	28.2		12	172	-35	2	107	55
<b>82861</b>	<b>CONCEICAO DO ARAGUAIA</b>	0815S	04912W	160		990.4	1007.3	26.7	.9	28.7		15	238	45	4	162	108
82900	RECIFE (CURADO)	0803S	03455W	7		1012.0	1012.9	27.0	1.1	26.2		8	27	-20	2	266	100
82915	RIO BRANCO	0958S	06748W	136		991.0	1008.7	26.0	.3	29.2		11	117	-89	1	156	121
82983	PETROLINA	0923S	04029W	370		969.2	1010.6	28.1	-.1	20.3		1	40	-10	3	262	104
83096	ARACAJU	1055S	03703W	6		1012.4	1013.1	26.4	.3	27.5		10	130	84	5	246	94
83186	JACOBINA	1111S	04028W	484		957.9	1011.0	25.2	-.1	20.7		5	80	-6	2	197	102
<b>83229</b>	<b>SALVADOR</b>	1301S	03831W	51		1007.7	1013.6	27.5	2.0	27.2		10	133	15	3	221	104
83235	TAGUATINGA	1216S	04626W	660		943.1	1009.2			22.6		16	354	113	5	145	99
<b>83236</b>	<b>BARREIRAS</b>	1209S	04500W	440		960.3	1008.5	26.3	1.0	23.8		9	153	-22	2	229	122
83242	LENCOIS	1234S	04123W	438		962.8	1011.8	25.2	.9	20.2		7	118	-37	2	180	128
<b>83264</b>	<b>VERA (GLEBA CELESTE)</b>	1212S	05630W	415				25.9	1.1	27.0		15	324	61	4	155	135
83288	BOM JESUS DA LAPA	1316S	04325W	440		960.1	1008.3	27.9	1.9	21.6		5	84	-57	1	239	126
83332	POSSE	1406S	04622W	950		919.4	1008.6	24.8	1.3	20.7		13	136	-87	1	162	118
83344	VITORIA DA CONQUISTA	1457S	04053W	893		916.2	1012.1	21.5	.3	18.6		5	56	-68	1	196	132
<b>83361</b>	<b>CUIABA</b>	1533S	05607W	179		992.3	1012.7	26.5	-.7	27.8		11	222	68	5	158	81
83377	BRASILIA	1547S	04756W	1158		885.6	1010.3	21.7	.0	19.3		18	276	38	4	129	91
83423	GOIANIA	1641S	04917W	729		928.7	1009.6	24.9	.9	22.5		13	265	45	4		
83437	MONTES CLAROS	1643S	04352W	646		939.2	1009.6	25.6	2.2	19.1		5	56	-155	1	213	132
83492	TEOFILO OTONI	1751S	04130W	356		972.9	1010.9	25.6	2.0	22.1		10	120	-60	2	167	123
<b>83498</b>	<b>CARAVELAS</b>	1744S	03915W	3		1014.2	1014.7	25.9	.8	24.6		7	118	-58	1	213	89
83552	CORUMBA	1900S	05739W	130		991.8	1009.1	27.9	.9	31.7		5	66	-78	2		
83579	ARAXA	1934S	04656W	1004		900.8	1011.3	21.8	.5	19.9		18	289	81	5	152	86
83587	BELO HORIZONTE	1950S	04356W	850		911.6	1010.7	23.0	.8	18.6		13	212	-15	3	188	104
83592	CARATINGA	1948S	04209W	609		945.1	1012.6	23.5	.9	21.2		8	69	-119	1	162	104
83618	TRES LAGOAS	2047S	05138W	313				26.1	.3			10	156	21	3	209	100
83648	VITORIA	2019S	04020W	36		1010.0	1014.2	25.5	1.1	24.7		7	35	-135	0	184	
83676	CATANDUVA	2108S	04858W	536				23.7	-.9	21.3		13	105	-28	3	163	76
83698	CAMPOS	2145S	04120W	11		1012.2	1013.6	25.1		25.1		8	79		1		
83702	PONTA PORA	2232S	05544W	650		935.7	1010.8	23.7	.9	19.5		10	204	-8	4	227	103
83766	LONDRINA	2323S	05111W	566		948.1	1012.0	23.8	1.7	20.1		7	98	-57	2	224	115
<b>83781</b>	<b>SAO PAULO</b>	2330S	04637W	792		923.7	1012.3	21.2	.9	18.0		11	99	-46	2		
83836	IRATI	2528S	05038W	837		914.1	1010.4	18.9		16.6		12	172		5	200	
<b>83842</b>	<b>CURITIBA</b>	2526S	04916W	923				18.6	.4			9	153	30	4	190	125
<b>83881</b>	<b>IRAI</b>	2711S	05314W	247		983.2	1012.7	22.1	.0	19.6		11	148	-14	3	212	98
83897	FLORIANOPOLIS	2735S	04834W	2		1012.5	1012.7	22.4	.9	20.6		7	108	-21	2	191	110
83967	PORTO ALEGRE	3001S	05113W	47		1007.8	1013.5	21.6	.3	19.3		7	137	33	4	205	95
83980	BAGE	3120S	05406W	217		983.9	1011.8	19.7	-.4	18.1		12	194	82	5	236	107
83997	ST.VITORIA DO PALMAR	3331S	05321W	24		1009.3	1013.6	18.4	.2	17.5		7	182	87	5	222	94
<b>PERU</b>																	
84370	TUMBES	0333S	08024W	27		1006.8	1009.7	24.8		25.0		1	2		5		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
84377 IQUITOS	0345S	07315W	126		998.2	1008.8	26.3		28.0		15	616	356	6		
84401 PIURA	0511S	08036W	55		1008.5	1015.4	23.3		20.7							
84452 CHICLAYO	0647S	07950W	34		1011.0	1014.1	20.8		18.5							
84455 TARAPOTO	0627S	07623W	282		980.9	1015.8	28.5		28.0		8	123	27	4		
84501 TRUJILLO	0806S	07902W	30		1010.3	1014.3	19.4		18.3		2	9	9	6		
84515 PUCALLPA	0825S	07436W	149		991.5	1009.2	28.0		27.9		5	26				
84628 LIMA-CALLAO/AEROP. INTERNACI	1200S	07707W	13		1011.8	1013.4	19.1		18.1						110	
84686 CUZCO	1333S	07159W	3249		687.0		14.0		7.8		6	31	-47	1		
84691 PISCO	1345S	07617W	7		1011.8	1012.5	19.7		18.3							
84735 JULIACA	1529S	07009W	3826		643.5		12.7		7.0		2	25	-30	2		
84752 AREQUIPA	1619S	07133W	2539		753.0		16.1		5.7							
84782 TACNA	1804S	07018W	469		963.2	1016.0	19.9		14.8							
<b>BOLIVIA</b>																
85033 GUAYARAMERIN	1049S	06521W	130		993.2	1008.8	26.7		19.5		9	178		2		
85041 COBIJA	1102S	06847W	235		982.7	1013.6	26.8		20.1		10	141		2		
85043 RIBERALTA	1100S	06607W	141		992.0	1009.0	27.5		20.7		10	270		4		
85109 SAN RAMON	1318S	06442W	140		990.7	1006.7	27.8		20.0		5	72				
85114 MAGDALENA	1320S	06407W	141		990.6	1006.7	27.9		19.8		7	42		1		
85123 SANTA ANA	1346S	06526W	144		991.9	1008.3	27.7		19.0		7	152		2		
85141 RURRENABAQUE	1428S	06734W	204		985.1	1008.2	26.9		20.0		5	93		1		
85151 APOLO	1444S	06830W	1415		857.0		23.0		15.5		5	31		0		
85152 SAN BORJA	1452S	06652W	194		985.6	1008.3	27.5		18.0		4	26		0		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		991.0	1009.4					4	60		1		
85154 TRINIDAD	1449S	06455W	155		990.6	1008.6	27.4		18.2		5	46		0		
85175 ASCENSION DE GUARAYOS	1543S	06306W	247		980.8	1008.8	28.0		17.7		5	38		1		
85195 SAN JAVIER	1616S	06228W	534		950.0	1010.1	25.9		17.6		5	55		1		
85196 CONCEPCION	1609S	06201W	497		953.2	1009.4	26.3		16.8		6	75		2		
85201 LA PAZ/ALTO	1631S	06811W	4038		628.8		9.2		3.7		8	21		1		
<b>CHILE</b>																
85406 ARICA	1821S	07020W	55		1009.8	1014.1	20.3	1.2	15.6	-.3					221	100
85418 IQUIQUE	2032S	07011W	48		1008.6	1014.2	19.8	1.4	14.4	-.8					300	110
85442 ANTOFAGASTA	2326S	07027W	140		998.0	1014.7	17.9	1.0	15.2	.7					277	100
85469 ISLA DE PASCUA	2710S	10926W	69		1010.8	1018.8	20.2		17.8							
85470 COPIAPO	2718S	07025W	290		978.7	1012.5	17.2	.8	14.1	.7	12	113		5	190	85
85488 LA SERENA	2955S	07112W	146		999.0	1015.0	15.2	.9	13.7	.5					265	95
85574 PUDAHUEL	3323S	07047W	474		959.1	1013.4	18.1		11.4		2	10		4	303	100
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		964.0	1013.0	18.9		12.7		2	14		4	267	100
85585 ISLA JUAN FERNANDEZ	3337S	07849W	30		1014.6	1018.2	14.9		12.6		5	41		4	148	85
85629 CURICO	3458S	07113W	220								2	33		4	273	105
85672 CHILLAN	3635S	07202W	148		998.1	1012.7	15.7	.8	12.4	.4	5	57	10	4	266	90
85743 TEMUCO	3846S	07238W	93		1005.5	1016.7	13.3	.6	11.4	-.1	8	81		5	176	80
85766 VALDIVIA	3938S	07305W	19								10	121		5	174	70
85782 OSORNO	4036S	07303W	58								9	126		5		
85799 PUERTO MONTT	4126S	07306W	90		1005.1	1015.9	11.8	.2	11.7	.6	14	131	120	4	118	70
85864 COYHAIQUE	4536S	07206W	311		973.2	1010.1	9.6	-1.4	7.9	-.8	12	92		5	187	
85874 BALMACEDA	4555S	07142W	522		948.0	1008.9	8.1	-1.1	7.2	-.1	7	39		11	4	
85934 PUNTA ARENAS	5300S	07051W	43		992.9	998.8	7.8	-.4	5.7	-1.8	9	24		3	258	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.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>URUGUAY</b>																
86330 ARTIGAS	3023S	05630W	120		997.1	1010.8	21.0	-.4	16.9	.4	8	157	30	5	250	96
86350 RIVERA	3053S	05532W	241		983.8	1011.6	20.5		16.9		9	165		4	252	100
86360 SALTO	3123S	05757W	33		1006.0	1010.6	21.1	.4	16.4	.1	9	264	135	5	264	104
86430 PAYSANDU	3220S	05802W	61		1004.4	1012.1	20.5		16.1		8	146		4	262	100
86440 MELO	3222S	05413W	100		999.6	1011.5	19.4	.5	16.7	.4	10	131	28	4	258	110
86460 PASO DE LOS TOROS	3248S	05631W	75		1002.2	1011.1	19.7	-.3	16.6	.3	10	188	80	5	254	106
86490 MERCEDES	3315S	05804W	17		1009.2	1011.3	19.8	.0	16.4	1.6	11	0146	0055	5	247	98
86500 TREINTA Y TRES	3313S	05423W	46		1006.1	1011.6	19.2	.5	15.2	-.2	8	133	29	4	242	107
86560 COLONIA	3427S	05750W	23		1007.7	1011.0	19.0	-.5	16.8	.6	11	173	65	4	251	105
86565 ROCHA	3429S	05418W	18		1009.9	1012.2	17.6	.0	15.4	-1.0	7	157	74	5	240	103
86580 CARRASCO	3450S	05600W	32		1007.6	1011.2	18.0	-.3	14.6	-.2	8	163	69	4	245	98
<b>ARGENTINA</b>																
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3459		671.8	3107 Z	13.0	1.0	6.2	-.9	2	9	-21	2	276	
87016 ORAN AERO	2309S	06419W	357		965.3	1004.9	26.6	1.8	18.9	-2.2	5	125	33	5	212	122
87022 TARTAGAL AERO	2239S	06349W	450		956.5	1006.2	26.5		17.8		7	154			269	
87046 JUJUY AERO	2423S	06505W	905		907.7	1476 Y	24.6		14.3		5	35		2	266	125
87047 SALTA AERO	2451S	06529W	1221		876.3	1484 Y	21.8	1.5	14.1	-1.2	4	66	1	4	268	157
87078 LAS LOMITAS	2442S	06035W	130		993.4	1008.0	27.3	1.2	20.2	.7	6	43	-64	1	282	108
87097 IGUAZU AERO	2544S	05428W	270		979.7	1009.5	23.3		20.9		9	178		3	179	
87121 TUCUMAN AERO	2651S	06506W	450		957.1	1006.9	25.5		17.2		6	39			270	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		985.3	1007.6	26.6	1.9	14.4	-3.3	1	1	-66	1	309	145
87155 RESISTENCIA AERO.	2727S	05903W	52		1003.4	1009.4	23.7		19.2		9	164		4	201	95
87162 FORMOSA AERO	2612S	05814W	60		1001.0	1007.9	24.4	-.1	20.5	-1.0	6	204	33	4	256	100
87163 B.DE IRIGOYEN AERO	2615S	05309W	815		920.7	1500 Y	19.2		16.7		9	275			229	
87166 CORRIENTES AERO.	2727S	05846W	62		1003.0	1010.1	23.4	-.2	19.2	-.9	8	204	59	5	279	107
87178 POSADAS AERO.	2722S	05558W	125		995.6	1009.8	23.4	-.3	18.6	-1.3	11	235	79	4	158	
87213 CHILECITO AERO	2914S	06726W	945			1498 Y	25.3		13.2		2	10			104	
87217 LA RIOJA AERO.	2923S	06649W	429		958.0	1005.2	27.3	1.9	15.1	-.8	0	0	-43	0	273	108
87222 CATAMARCA AERO.	2836S	06546W	454		953.7	1003.5	27.9		13.5		1	23		2	246	100
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		968.8	1008.0			16.8	-.3	5	34	-61	1		
87257 CERES AERO	2953S	06157W	88		999.3	1009.4	22.3	-.2	17.2	-.7	6	97	-7	3	313	117
87270 RECONQUISTA AERO	2911S	05942W	53		1004.3	1010.4	22.8	.2	18.2	-1.9	8	174	44	4	255	99
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1002.4	1010.5	21.8	-.5	17.8	-.5	7	112	-31	3	214	105
87311 SAN JUAN AERO	3134S	06852W	598		940.5	1006.4	24.7		8.9		0	0		1	300	90
87320 CHAMICAL AERO	3022S	06617W	461		955.4	1006.4	26.2	2.2	13.9	-.1	1	6	-51	1	307	
87322 CHEPES	3120S	06636W	658			1010.3	26.0	2.3	18.2	2.6	4	66	26	4		
87328 VILLA DOLORES AERO	3157S	06508W	569		944.2	1006.9	24.6	2.1	12.5	-.8	4	49	-17	2		
87344 CORDOBA AERO	3119S	06413W	474		955.9	1009.0	22.2	1.4	12.9	-2.3	3	95	-12	3	306	127
87349 PILAR OBSERVATORIO	3140S	06353W	338		971.3	1009.7	22.4	1.9	13.1	-1.6	3	0032	-062	1	288	108
87393 MONTE CASEROS AERO	3016S	05739W	54		1004.9	1011.1	22.0	.0	17.9	-.1	8	166	21	4	266	102
87395 CONCORDIA AERO	3118S	05801W	38		1006.9	1011.2	21.0	-.4	17.0	-.1	7	208	68	5	216	
87418 MENDOZA AERO	3250S	06847W	704		929.3	1006.5	23.8	2.1	9.5	-1.8	1	8	-7	3	354	120
87436 SAN LUIS AERO	3316S	06621W	713			1017.3	24.4	3.0	10.4	-1.2	3	10	-67	1	319	106
87448 VILLA REYNOLDS AERO	3344S	06523W	486		954.1	1008.5	22.7	2.8	11.5	-2.0	2	8	-73	0	278	104
87453 RIO CUARTO AERO	3307S	06414W	420		961.3	1009.0	22.1	2.2	11.5	-2.2	3	190	69	0	289	
87467 MARCOS JUAREZ AERO	3242S	06209W	114		996.5	1011.2	22.0	1.5	14.8	-1.4	3	18	-81	0	282	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	mm	mm	hr	%
87480 ROSARIO AERO	3255S	06047W	25		1007.4	1010.3	21.0	.7	16.4	.0	8	94	-4	3	256	95
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1008.7	1011.0	20.6	.3	16.1	-.1	10	147	46	4	230	93
87506 MALARGUE AERO	3530S	06935W	1425		856.0	1484 Y	17.8	2.2	5.3	-2.4	1	3	-19	2	326	
87509 SAN RAFAEL AERO	3435S	06824W	748		925.4	1008.1	21.2	1.7	11.5	.4	2	12	-32	1	276	98
87532 GENERAL PICO AERO	3542S	06345W	145		1000.7	1010.0	20.7	1.1	12.4	-1.5	6	54	-46	1	145	
<b>87534 LABOULAYE</b>	3408S	06322W	137		994.3	1010.2	20.9	1.0	13.8	-.8	5	39	-68	1	291	105
87544 PEHUAJO AERO	3552S	06154W	87		1005.8	1011.2	18.4	-.2	13.5	-1.8	6	144	37	4	285	108
87548 JUNIN AERO	3433S	06057W	81		1001.4	1010.8	19.7	.7	14.3	-.7	8	127	18	4	257	98
87550 NUEVE DE JULIO	3527S	06053W	76		1001.8	1010.8	19.5	.0	14.5	-1.2	10	136	33	4		
87563 LAS FLORES AERO	3604S	05906W	38		1007.0	1011.3	18.4		15.8		10	231		5	258	
87576 EZEIZA AERO	3449S	05832W	20		1009.5	1011.8	19.4	.4	15.3	.2	10	184	86	5	196	
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1011.2	1011.9	19.9	-.2	16.8	.4	10	133	29	4	244	106
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1008.8	1011.7	20.1	-.2	16.0	.4	11	228	120	5	244	97
87593 LA PLATA AERO	3458S	05754W	19		1009.1		16.9	-1.4	16.5	.7	9	177	84	5	259	115
87596 PUNTA INDIO B.A.	3522S	05717W	22		1009.7	1012.2	17.9	-.4	16.5	.3	11	166	68	5	253	100
87623 SANTA ROSA AERO	3634S	06416W	191		988.2		19.4	.1	13.2	-.3	6	68	-33	2	286	105
87641 AZUL AERO	3650S	05953W	147		995.1	1012.4	16.2		13.2		9	175		5	262	105
87645 TANDIL AERO	3714S	05915W	175		991.6	1012.2	15.5		12.6		10	0128		4	211	85
87648 DOLORES AERO	3621S	05744W	9		1011.3	1012.4	17.2	-.2	14.8	-.4	10	179	93	5	176	74
87688 TRES ARROYOS	3820S	06015W	115		998.0	1011.6	16.9		11.8		3	67		3	271	105
<b>87692 MAR DEL PLATA AERO</b>	3756S	05735W	21			1012.9	15.3	-.6	13.2	-.8	8	125	50	5	200	110
<b>87715 NEUQUEN AERO</b>	3857S	06808W	271			1010.2	20.3	1.0	7.6	-.5	3	13	4	4	285	101
87736 RIO COLORADO	3901S	06405W	79		1000.6	1010.0	20.4		14.2		4	53			284	
<b>87750 BAHIA BLANCA AERO</b>	3844S	06210W	83		1001.0	1010.7	19.0	.6	11.3	-.6	2	54	-7	3	288	109
87765 BARILOCHE AERO	4109S	07110W	840		917.3	1474 Y	10.6	.0	7.2	-.7	6	29	5	4	280	91
87774 MAQUINCHAO	4115S	06844W	888		910.5	1461 Y	11.5	-2.1	7.0	.5	4	150	138	4		
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1007.4	1009.6	18.4	-.4	8.9	-1.2	3	14	-4	1	250	
87791 VIEDMA AERO	4051S	06301W	7		1009.4	1010.2	17.6		8.7		2	23		4	318	115
87800 EL BOLSON AERO	4158S	07131W	337		973.1	1012.8	14.1		9.7		8	42			198	
<b>87803 ESQUEL AERO</b>	4256S	07109W	785		919.0	1010.1	11.0	-.2	6.6	.1	3	31	12	3	272	
87823 P.MADRYN AERO	4244S	06504W	136		992.3	1008.3	16.4		8.1		3	12			255	
87852 PERITO MORENO AERO	4631S	07101W	429		955.3		11.0		5.7		1	4			262	
<b>87860 COMODORO RIVADAVIA AERO</b>	4547S	06730W	46		1001.0	1006.5	15.2	-.7	6.0	-1.1	2	5	-5	3	289	124
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		971.4	1001.8	12.8		5.9		1	2			240	
87896 PUERTO DESEADO AERO	4744S	06555W	80		993.8	1003.4	12.3	-.5	7.8	-.4	2	9	0	3		
87909 SAN JULIAN AERO	4919S	06745W	62		995.5	1003.0	12.2		7.1		1	7		2	256	
<b>87925 RIO GALLEGOS AERO</b>	5137S	06917W	19		997.9	1000.2	9.7	-1.4	6.2	-.7	6	48	27	5	260	
87938 USHUAIA AERO	5448S	06819W	14		987.2	994.1	6.2	-1.6	7.5	.0	4	47	13	5	154	
<b>ANTARCTICA</b>																
<b>ARGENTINA (ANTARCTIC)</b>																
<b>88963 BASE ESPERANZA</b>	6324S	05659W	13		981.8	984.6	-3.7	-2.0	4.0		6	23	-42	0	146	
<b>88968 BASE ORCADAS</b>	6045S	04443W	4		982.8	984.3	-1.5	-.2	4.9		26	130	86	6	34	55
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	198		960.3	985.0	-7.0		3.4		11	29			92	
89066 BASE SAN MARTIN	6808S	06708W	4		952.3	953.1	-1.0		3.5		7	24			188	
<b>UNITED KINGDOM (ANTARCTIC)</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.	
89022 HALLEY	0°	0°	m		mb	mb	°C	°C	mb	mb					hr		
89022 HALLEY	7530S	02639W	30		984.2	988.1	-12.4		2.0						257	90	
<b>UKRAINE (ANTARCTIC)</b>																	
89063 VERNADSKY	6515S	06416W	11		983.1	984.5	-1.9		4.2		02	0015		0	715		
<b>USSR (ANTARCTIC)</b>																	
89050 BELLINGSHAUSEN	6212S	05856W	16		983.3	985.2	-2.1		4.6		13	25	25		97		
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		969.1	983.8	-5.0		2.1		2	50	48		30		
<b>GERMANY (ANTARCTIC)</b>																	
89002 NEUMAYER	7040S	00815W	50		981.1	986.4	-9.0		2.7						317	155	
<b>ARGENTINA (ANTARCTIC)</b>																	
89034 BASE BELGRANO II	7752S	03437W	256		957.8	988.9	-8.3		2.3		6	23			197		
<b>CHILE (ANTARCTIC)</b>																	
89056 CENTRO MET. ANTARTICO'' PDTE. ED	6211S	05859W	48		979.9	985.0	-2.1		4.7	-1	8	16		2	78	100	
<b>JAPAN (ANTARCTIC)</b>																	
89532 SYOWA	6900S	03935E	21		983.2	985.9	-5.6	.8	2.7	.1					260		
<b>AUSTRALIA (ANTARCTIC)</b>																	
89564 MAWSON	6736S	06252E	16		985.8	987.8	-6.4		1.8						335	131	
89571 DAVIS	6834S	07757E	13		983.4	986.4	-4.6		2.5			2		1	3	263	115
89611 CASEY	6617S	11031E	42		977.4	982.7	-6.2		2.9		2	12					
<b>FRANCE (ANTARCTIC)</b>																	
89642 DUMONT D'URVILLE	6640S	14001E	43		979.7	985.1	-8.2		2.0						361		
<b>SW PACIFIC</b>																	
<b>MALAYSIA (PENIN. MALAYSIA)</b>																	
48601 PENANG/BAYAN LEPAS	0518N	10016E	4		1009.5	1009.8	27.5	1.0	29.6	.3	16	198	-33	3			
48615 KOTA BHARU	0610N	10217E	5		1010.0	1010.6	26.7	.8	30.8	2.5	24	486	-170	3			
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22		1007.2	1009.7	27.2	1.1	30.5	1.3	26	472	197	6			
48657 KUANTAN	0337N	10313E	16		1008.5	1010.3	26.3	1.0	30.7	1.7	24	427	84	5			
48665 MALACCA	0216N	10215E	9		1008.8	1009.8	27.1	1.0	30.0	.5	13	104	-127	1			
<b>SINGAPORE</b>																	
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1008.1	1009.9	27.1	.8	31.2	1.8	15	152	-100	1	127	98	
<b>USA (PACIFIC OCEAN NORTH)</b>																	
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1015.9	24.6	.4	23.2		11	120	-18	1			
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1015.5	26.0	.9	23.1		3	15	-61	2			
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1015.9	23.3	-1	21.0		25	454	86	4			
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1007.3	28.1	.4	31.9		17	347	66	4			
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1008.8	27.3	.2	31.4		20	242	-157	1			
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1008.6	28.9	1.1	30.9		13	105	-165	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	
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3			1008.4	28.6	1.3	31.1		13	223	-102	1		
91408 KOROR, PALAU IS.	0720N	13429E	33			1008.1	28.2	.3	31.3		18	337	50	4		
91413 YAP, CAROLINE IS.	0929N	13805E	16			1007.3	28.3	1.0	32.2		17	372	142	5		
<b>NEW CALEDONIA</b>																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18			1011.4	24.0	.0	19.7		2	7	-56	1	212	85
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72			1006.4	23.1	-.3	20.1		7	59	-3	4	232	93
<b>FIJI</b>																
91650 ROTUMA	1230S	17703E	26			1010.4	27.7		31.1		23	297		3	161	80
91680 NANDI	1745S	17727E	25				26.3	.1	24.4		10	90	-49	2	213	96
91683 NAUSORI	1803S	17834E	7			1014.1	23.4		25.6		18	90		1		
91699 ONO-I-LAU	2040S	17843W	28			1013.5	24.1		28.1		8	98		3		
<b>NEW CALEDONIA (DETACHED IS.)</b>																
91753 HIHIPO (ILE WALLIS)	1314S	17610W	27			1006.2	27.4		31.1		25	330		3	162	80
<b>SAMOA (USA)</b>																
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3			1009.8	27.7		30.8		21	517		5		
<b>COOK ISLANDS (NEW ZEALAND)</b>																
91843 RAROTONGA	2112S	15949W	7			1013.2	24.0		23.6		9	135		4	227	250
<b>FRENCH POLY. (MARQUESAS)</b>																
91925 ATUONA	0948S	13902W	52			1004.9	26.8		26.4		10	43	-26	2	214	87
<b>FRENCH POLY. (SOCIETY IS)</b>																
91929 BORA-BORA	1626S	15145W	3			1011.0	27.3		28.9		13	139		2	182	
91938 TAHITI-FAAA	1733S	14937W	2			1011.5	26.8		27.7		11	134	-28	3	168	81
<b>FRENCH POLY. (TUAMOTU IS)</b>																
91943 TAKAROA	1429S	14502W	3			1011.3	27.8		29.3		14	192	-13	4	228	100
91945 HEREHRETUE	1952S	14500W	3			1012.9	25.5		26.7		10	166		3	203	100
91948 RIKITEA	2308S	13458W	89			1005.4	22.9		22.8		8	86	-169	0	161	90
<b>FRENCH POLY. (AUSTRAL IS)</b>																
91954 TUBUAI	2321S	14929W	3			1013.7	23.2		23.0		13	123	2	3	186	95
91958 RAPA	2737S	14420W	2			1015.8	20.6		19.3		13	156		3	131	90
<b>PAPUA NEW GUINEA</b>																
92001 KIUNGA W.O.	0605S	14111E	35			1004.2	1008.2		30.0			266			175	
92003 DARU W.O.	0905S	14312E	9			1008.7	1009.7		28.9		11	65			220	
92004 WEWAK W.O.	0335S	14340E	4			1007.2	1007.6		31.2		13	166				
92014 MADANG W.O.	0513S	14548E	5			1007.2	1007.8		30.9		19	375		3	191	95
92035 PORT MORESBY W.O.	0923S	14713E	58			1001.8	1007.6		26.7		7	129		5	212	85
92044 MOMOTE W.O.	0204S	14726E	5			1007.2	1007.8		31.7		19	389		5	128	85
92047 NADZAB W.O.	0634S	14643E	70			999.1	1007.0		28.1		11	42		0	205	140
92076 KAVIENG W.O.	0234S	15049E	4			1007.3	1007.8		31.7		22	309			172	
92077 GURNEY W.O.	1019S	15020E	23			1006.8	1009.5		29.8		14	362			142	



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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	
92087 MISIMA W.O.	1041S	15250E	7		1008.2	1009.0			31.2		20	539			165	
<b>NEW ZEALAND</b>																
93012 KAITAIA	3506S	17316E	54				15.2		13.9		11	71	-30	3	214	110
93292 GISBORNE AERODROME AWS	3839S	17759E	5			1012.1	15.4	- .4	12.0		9	80	24	5	4	
93309 NEW PLYMOUTH AWS	3901S	17411E	32			1013.6	13.3		12.4		13	117		4	4	
93417 PARAPARAUMU AERODROME	4054S	17459E	12			1011.9	13.7	- .4	12.3		8	50	-32	2	205	100
93615 HOKITIKA AERODROME AWS	4243S	17059E	40			1012.2	11.5		11.4		13	187		3		
93678 KAIKOURA	4225S	17342E	101			1009.4	12.9		9.8							
93780 CHRISTCHURCH	4329S	17233E	30			1009.0	12.7		9.7		4	26		2	272	130
93844 INVERCARGILL AERODROME	4625S	16819E	4			1007.7	10.8	- .6	9.8		18	143	61	5	169	95
93947 CAMPBELL ISLAND AWS	5233S	16909E	19			995.5	6.8		7.6		27	124		4		
93987 CHATHAM ISLANDS AWS	4357S	17634W	49			1008.6	11.5		11.5		11	35		1		
93994 RAOUL ISLAND KERMADEC IS.	2915S	17755W	49			1017.5	18.1		15.1		5	77		4		
<b>AUSTRALIA</b>																
94120 DARWIN AIRPORT	1225S	13053E	31		1005.3	1009.2	29.1		28.8		13	201	70	5	246	96
94150 GOVE AIRPORT	1217S	13649E	54		1003.4	1009.4	27.4		25.9		2	6		3	291	100
94203 BROOME AIRPORT	1757S	12214E	7		1008.2	1009.2	28.9		26.8		1	6	-2	4	340	
94212 HALLS CREEK AMO	1814S	12740E	424		961.6	1008.0	30.8		15.8		7	36	1	4		
94238 TENNANT CREEK MET OFFICE	1938S	13411E	375		968.0	1009.6	30.2		11.0		5	10	-22	2	281	97
94287 CAIRNS AERO	1653S	14545E	3		1011.8	1012.7	26.1		22.2		7	18	-82	1	299	122
94294 TOWNSVILLE AERO	1915S	14645E	9		1012.4	1013.4	26.6		21.3		4	8	-46	2	333	119
94299 WILLIS ISLAND	1618S	14959E	6		1011.1	1012.1	26.6		25.0		2	10	-21	2		
94312 PORT HEDLAND AIRPORT	2022S	11838E	9		1008.2	1009.1	28.3		20.8		0	0	-1	1		
94326 ALICE SPRINGS AERO	2348S	13353E	546		951.0	1011.8	26.4		10.8		4	17	-10	2	240	79
94332 MT ISA AERO	2041S	13929E	340		972.6	1010.5	28.4		11.6		5	28	4	4	302	102
94346 LONGREACH AIRPORT	2326S	14417E	192		990.5	1012.2	28.8		9.7		1	3	-22	2		
94367 MACKAY MO	2107S	14913E	30		1011.0	1014.6	25.1		20.9		6	13	-75	1	292	105
94374 ROCKHAMPTON AERO	2323S	15029E	14		1013.9	1015.5	24.5		17.6		2	9	-68	1		
94403 GERALDTON AIRPORT	2848S	11442E	33		1009.3	1013.4	20.8		14.2		3	13	1	4		
94430 MEEKATHARRA AIRPORT	2637S	11833E	517		952.6	1010.3	27.0		8.2		3	23	10	5		
94461 GILES	2502S	12817E	598		944.7	1010.6	26.3		11.1		7	111	89	6	297	96
94610 PERTH AIRPORT	3156S	11559E	31		1012.1	1014.5	21.1		12.8		5	46	24	5	332	
94647 EUCLA	3141S	12853E	102		1004.4	1016.5	18.4		13.6		3	19		4		
94653 CEDUNA AIRPORT	3208S	13342E	16		1014.1	1015.9	20.1		12.0		2	10	-8	3	310	110
94693 MILDURA AIRPORT	3414S	14205E	52		1010.1	1016.2	21.7		9.0		4	17	-4	3	322	100
94711 COBAR	3129S	14550E	264		985.1	1015.3	23.3		9.5		4	11	-20	2	324	104
94767 SYDNEY AIRPORT	3356S	15110E	5		1017.5	1018.1	18.9		15.1		10	92	-9	3	243	100
94776 WILLIAMTOWN AERODROME	3248S	15150E	8		1016.8	1017.8	18.7		14.7		11	114	38	4	230	98
94791 COFFS HARBOUR MO	3019S	15307E	5		1016.7	1017.5	19.7		15.7		6	70	-65	2	276	114
94802 ALBANY AIRPORT	3456S	11748E	69		1008.7	1017.0	15.6		13.4		8	36	-11	2	215	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1010.5	1018.8	14.8		11.2		5	44	-1	3	243	111
94866 MELBOURNE AIRPORT	3740S	14451E	132		1004.0	1018.2	16.1		10.7		6	26	-37	1	245	
94907 EAST SALE AIRPORT	3806S	14708E	8		1017.4	1018.4	15.4		11.8		9	34	-24	2	248	112
94910 WAGGA AIRPORT	3510S	14727E	213		991.5	1016.5	19.1		10.1		4	27	-13	3	318	105
94926 GANBERRA AMO	3518S	14912E	580		950.6	1017.5	15.9		10.7		6	74	10	4	285	106
94968 LAUNCESTON AIRPORT	4132S	14712E	178		996.0	1017.2	13.4		9.7						301	121
94975 HOBART AIRPORT	4250S	14729E	27		1013.2	1016.5	14.3		8.9			2	-44	0	291	135

## SURFACE

NOVEMBER 2003

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>AUSTRALIA (ADDITIONAL IS. )</b>																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1017.1	1017.9	19.2		15.9		10	146	26	4		
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1004.5	1018.2	18.2		14.2		3	6	-91	0	289	128
94998 MACQUARIE ISLAND	5429S	15856E	6		993.1	994.1	4.2		6.9		24	67	-3	3	128	125
<b>INDONESIA (SUMATRA)</b>																
96001 SABANG/CUT BAU	0552N	09519E	126		996.6	1010.9	26.3		29.7		16	206			121	
96109 PAKANBARU/SIMPANGTIGA	0028N	10127E	31		1006.1	1010.0	27.0		29.2		16	462		4	112	75
96171 RENGAT/JAPURA	0028N	10219E	46		1006.8	1009.3	26.7		29.9		15	343		5	117	115
96221 PALEMBANG/TALANGBETUTU	0254S	10442E	10		1009.6	1011.1	26.7		30.1		19	406			124	60
<b>BRUNEI DARUSSALAM</b>																
96315 BRUNEI AIRPORT	0456N	11456E	15			1009.5	27.4		30.9	.7	17	152	-207	1	233	114
<b>MALAYSIA (SABAH &amp; SARAWAK)</b>																
96413 KUCHING	0129N	11020E	27		1007.8	1010.4	26.2		28.9		18	313		2		
96421 SIBU	0220N	11150E	8		1006.7	1010.3	26.2		29.6		19	456		5	129	80
96441 BINTULU	0312N	11302E	5		1007.2	1009.9	26.4	.1	29.6		20	533	106	5	173	105
96449 MIRI	0420N	11359E	18		1007.7	1009.6	27.0	1.5	31.1		18	289	-33	2		
96465 LABUAN	0518N	11515E	30		1006.3	1009.6	27.8		30.5	.0	19	332		3	239	110
96471 KOTA KINABALU	0556N	11603E	3		1009.3	1009.6	27.1		29.6		13	182		1		
96481 TAWAU	0416N	11753E	20		1006.8	1008.8	26.4		29.4		13	131	-19	3	233	120
96491 SANDAKAN	0554N	11804E	13		1008.0	1009.2	28.1	1.3	31.6		16	263		2	257	145
<b>INDONESIA (KALIMANTAN)</b>																
96633 BALIKPAPAN/SEPINGGAN	0116S	11654E	3		1008.2	1009.0	27.7		31.5		13	180		4	102	90
<b>INDONESIA (JAWA)</b>																
96745 JAKARTA/OBSERVATORY	0611S	10650E	8		1008.9	1009.8	32.2		29.2		8	195		5	91	70
96805 CILACAP	0744S	10901E	6			1010.2	27.0		30.1		19	506			127	80
96933 SURABAYA/PERAK	0713S	11243E	3		1008.9	1009.6	29.0		30.0		10	193		5	149	85
<b>AUSTRALIA (OCEAN ISLANDS)</b>																
96996 COCOS ISLAND AERO	1211S	09649E	3		1012.1	1012.5	26.1		25.4		6	32	-66	2		
<b>INDONESIA (SULAWESI)</b>																
97180 UJUNG PANDANG/HASANUDDIN	0504S	11933E	14		1006.8	1008.7	26.8		29.0		19	288		3	194	100
<b>INDONESIA (NUSATENGGA)</b>																
97230 DENPASAR/NGURAH-RAI	0845S	11510E	1			1009.5	28.0		31.0		13	171		3	220	
97260 SUMBAWA BESAR/SUMBAWA BESAR	0826S	11725E	3		1007.7	1008.4	28.3		28.9		8	96		3	254	125
<b>INDONESIA (MALUKU/IRIAN JAYA)</b>																
97900 SAUMLAKI	0759S	13118E	24		1006.5	1009.6	29.0		29.6		2	8		0	286	125

# SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION			SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
OVERDUE MARCH 2003	o'	o'	m		mb	mb	o c	o c	mb	mb		mm	mm		hr	
<b>S AMERICA</b>																
<b>GUYANA</b> 81002 TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1009.4	1012.9	26.7	1.6	26.3	-.1	6	34	-100	1		
AUGUST 2003																
<b>S AMERICA</b>																
<b>GUYANA</b> 81002 TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1010.0	1013.5	26.8	1.0	29.6	1.2	13	224	6			
SEPTEMBER 2003																
<b>EUROPE</b>																
<b>IRELAND</b> 03953 VALENTIA OBSERVATORY	5156N	01015W	30		1015.6	1019.2	14.3	.6	13.6	.2	14	64	-61	2	113	105
<b>ASIA</b>																
<b>THAILAND</b>																
48354 UDON THANI	1723N	10248E	182		986.4	1006.5	27.6	.4	30.3	.9	19	299	45	4		
48431 NAKHON RATCHASIMA	1458N	10205E	188		986.3	1007.3	27.4	.5	29.6	.8	16	142	-102	2		
48455 BANGKOK	1344N	10034E	20		1007.4	1007.8	28.3	.5	30.4	-.1	17	208	-136	1	117	76
48480 CHANTHABURI	1236N	10207E	4		1007.6	1007.9	27.2	.5	31.0	.6	20	377	-98	2	78	61
48568 SONGKHLA	0712N	10036E	5		1008.9	1009.6	28.0	.1	29.1	.2	13	157	27	4	196	104
OCTOBER 2003																
<b>ASIA</b>																

# SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°	° C	mb	mb		mm	mm		hr	
<b>PAKISTAN</b>																
41530 PESHAWAR	3401N	07135E	360		969.7	1009.9	23.3	- .4	17.6		2	70	61	5	291	109
41560 PARACHINAR	3352N	07005E	1725		829.7	1519 Y	15.3	-1.4	6.7		2	18	-4	3	300	106
41571 ISLAMABAD AIRPORT	3337N	07306E	508		953.5	1010.7	22.3	- .1	14.7		1	6	-23	2		
41594 SARGODHA	3203N	07240E	188		988.7	1009.7	25.7		18.7		0	0	-70	1		
41598 JHELUM	3256N	07343E	234		983.5	1010.1	24.6	- .3	18.3		1	10	-2	3	287	100
41600 SIALKOT	3230N	07432E	256		981.3	1010.1	23.8	.1	19.7		0	T	-14	1	284	
41620 ZHOB	3121N	06928E	1407		860.3	1507 Y	20.1	.2	7.4		0	0	-2	4		
41624 DERA ISMAIL KHAN	3149N	07055E	173		990.1	1009.7	24.9	- .4	19.6		0	0	-4	4	273	96
41640 LAHORE CITY	3133N	07420E	215		985.7	1010.1	25.9	.3	17.8		0	0	-12	2	277	96
41660 QUETTA AIRPORT	3015N	06653E	1587		842.5	1516 Y	16.1	1.5	7.0		00	T	-3	5		
41675 MULTAN	3012N	07126E	123		996.3	1010.5	26.1	- .3	16.0		0	0	-1	4	291	106
41685 BAR KHAN	2953N	06943E	1097		890.5	1493 Y	23.0	.0	7.3		0	0	-3	0	316	
41710 NOKKUNDI	2849N	06245E	683		935.7	1012.2	25.7	1.1	5.9		0	0	-1	5	315	109
41712 DAL BANDINI	2853N	06424E	850		919.0	1505 Y	22.9	1.1	4.6		0	0	-1	5		
41715 JACOBABAD	2818N	06828E	56		1003.8	1010.2	27.9	.1	21.9		0	0	-2	5	298	103
41718 KHANPUR	2839N	07041E	88		998.9	1009.0	26.1	.5	17.3		0	0	-1	5	303	99
41739 PANJGUR	2658N	06406E	981		904.3	1500 Y	23.2	1.1	7.4		0	0	-1	5		
41744 KHUZDAR	2750N	06638E	1232		876.6	1490 Y			7.0		0	0	-5	0	320	
41749 NAWABSHAH	2615N	06822E	38		1006.3	1009.7	28.1	.4	17.2		0	0	-2	5	306	102
41768 CHHOR	2531N	06947E	6		1009.1	1009.7	27.4	- .4	16.5		0	0	-2	5	337	
41780 KARACHI AIRPORT	2454N	06708E	22		1007.9	1010.6	28.9	1.0	20.7		0	0	-1	5		
<b>INDIA</b>																
42027 SRINAGAR	3405N	07450E	1587		844.1	1527 Y			11.1		1	9	-24	2	246	
42339 JODHPUR	2618N	07301E	224		985.5	1010.1	27.9	2.8	11.4		0	0	-143	0		
42587 DALTONGANJ	2403N	08404E	221		984.3	1010.3	25.9	- .2	27.6		9	130	64	5		

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>EUROPE - NORWAY</b> <b>JAN MAYEN</b> 01001 NOV 2003 7056N 00840W OB 3									<b>EUROPE - NORWAY</b> <b>BJORNOYA</b> 01028 NOV 2003 7431N 01901E OB 3									<b>EUROPE - NORWAY</b> <b>BODO</b> 01152 NOV 2003 6715N 01424E OB 3								
030	23141	0	-69.2	24.5	0	90	265	23	030	22987	0	-72.1	24.6	0	90	288	21	030	23220	0	-69.4	26.4	0	93	288	22
050	20045	0	-64.5	25.1	0	89	259	18	050	19942	0	-67.8	24.7	0	91	288	19	050	20138	0	-65.2	27.0	0	92	282	18
100	15740	0	-58.2	25.8	0	85	241	14	100	15698	0	-60.9	24.7	0	89	281	16	100	15860	0	-59.8	27.2	0	90	270	14
150	13171	0	-55.2	24.1	0	84	228	14	150	13160	0	-57.9	22.1	0	89	277	16	150	13313	0	-57.4	25.0	0	89	263	16
200	11333	0	-55.1	18.4	0	80	215	15	200	11345	0	-58.2	16.6	0	87	274	18	200	11495	0	-57.3	19.4	0	85	256	16
300	8752	0	-54.1	8.4	0	66	199	14	300	8792	0	-54.3	9.5	0	79	266	17	300	8922	0	-52.4	10.4	0	68	254	16
500	5305	0	-29.6	7.6	0	63	189	10	500	5339	0	-29.4	9.2	0	78	263	12	500	5434	0	-26.6	11.3	0	73	250	11
700	2819	0	-12.4	8.5	0	61	188	8	700	2856	0	-13.1	8.2	0	64	251	8	700	2921	0	-10.0	12.1	0	66	246	8
850	1309	0	-3.8	5.4	0	49	161	6	850	1353	0	-5.1	7.2	0	37	234	4	850	1402	0	-2.0	7.7	0	69	233	6
1001	* 9		1.3	1.5					1006	* 18		-3	1.3					1008	* 33		3.6	5.3				
<b>EUROPE - NORWAY</b> <b>ORLAND</b> 01241 NOV 2003 6342N 00936E OB 3									<b>EUROPE - NORWAY</b> <b>STAVANGER/SOLA</b> 01415 NOV 2003 5852N 00540E OB 3									<b>EUROPE - SWEDEN</b> <b>SUNDSVALL-HARNOSAND FPL</b> 02365 NOV 2003 6232N 01727E OB 3								
030	23570	22	-62.2	25.2	9	94	249	16	030	23511	1	-64.0	22.0	1	76	287	13	030								
050	20411	22	-60.7	26.2	9	96	239	13	050	20335	0	-61.7	21.6	0	83	271	11	050	20262	12	-63.7	28.7	9	87	281	14
100	16080	22	-59.2	25.2	9	92	244	13	100	16007	0	-58.7	20.4	0	77	253	11	100	15937	0	-59.9	28.6	1	88	271	12
150	13521	22	-56.6	22.2	9	86	244	15	150	13449	0	-56.2	19.8	0	73	244	13	150	13415	0	-57.8	27.4	0	86	263	14
200	11699	22	-56.9	17.2	9	80	239	16	200	11620	0	-56.1	15.5	0	68	238	16	200	11600	0	-58.2	19.4	0	80	258	16
300	9102	22	-48.5	11.4	9	66	239	16	300	9026	0	-49.4	9.7	0	66	228	19	300	9019	0	-50.6	12.4	0	76	254	15
500	5541	22	-20.9	12.6	9	83	235	15	500	5492	0	-23.7	9.8	0	68	218	13	500	5502	0	-24.5	12.2	0	72	244	10
700	2974	22	-5.1	8.9	9	89	240	13	700	2947	0	-7.4	9.5	0	69	208	10	700	2964	0	-7.5	14.0	0	63	233	6
850	1427	22	2.3	9.5	9	89	239	9	850	1412	0	.4	5.6	0	73	188	9	850	1431	0	-.8	10.8	0	57	212	5
1010	* 10		6.8	4.4					1007	* 14		7.1	3.6					1015	* 6		-1.3	.5				
<b>EUROPE - SWEDEN</b> <b>GOTEBOG/LANDVETTER</b> 02527 NOV 2003 5740N 01218E OB 3									<b>EUROPE - FINLAND</b> <b>SODANKYLA</b> 02836 NOV 2003 6722N 02639E OB 3									<b>EUROPE - FINLAND</b> <b>JYVASKYLA</b> 02935 NOV 2003 6224N 02541E OB 3								
030									030	23193	1	-70.3	23.1	1	92	296	22	030	23312	14	-69.9	21.1	9	91	297	19
050	20376	13	-62.2	24.7	9	64	281	7	050	20093	0	-66.5	24.8	0	93	293	19	050	20184	1	-66.1	22.9	1	91	295	16
100	16036	2	-59.7	23.8	2	76	260	11	100	15832	0	-60.7	27.1	0	91	292	16	100	15945	0	-60.7	24.9	0	86	291	13
150	13494	1	-57.7	21.9	1	64	247	11	150	13300	0	-57.9	25.6	0	87	285	15	150	13412	0	-58.8	22.8	0	83	286	14
200	11677	0	-58.5	14.4	0	60	244	14	200	11495	0	-58.0	17.5	0	82	283	16	200	11608	0	-59.1	14.6	0	78	281	16
300	9095	0	-49.1	9.9	0	61	241	16	300	8926	0	-52.2	7.8	0	72	280	15	300	9034	0	-50.5	8.2	0	74	276	16
500	5543	0	-21.9	11.6	0	64	235	12	500	5441	0	-27.0	10.7	0	68	276	10	500	5514	0	-24.3	11.3	0	72	279	11
700	2987	0	-5.7	11.5	1	68	216	9	700	2931	0	-10.6	10.9	0	55	269	6	700	2976	0	-7.5	13.3	0	59	271	7
850	1439	0	1.8	9.8	0	62	214	7	850	1416	0	-3.4	5.6	0	48	248	5	850	1444	0	-1.0	9.4	0	49	245	5
1004	* 155		3.4	2.6					993	* 179		-3.9	1.0					1000	* 145		.3	.7				

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>EUROPE - UNITED KINGDOM</b> <b>LERWICK</b> 03005 NOV 2003 6008N 00111W OB 3									<b>EUROPE - UNITED KINGDOM</b> <b>CAMBORNE</b> 03808 NOV 2003 5013N 00519W OB 3									<b>EUROPE - IRELAND</b> <b>VALENTIA OBSERVATORY</b> 03953 NOV 2003 5156N 01015W OB 3								
030	23456	0	-64.3		0	84	274	17	030	23641	0	-59.9		0	39	285	5	030	23623	0	-59.8	27.4	0	54	278	8
050	20307	0	-60.9		0	82	265	13	050	20445	0	-60.3		0	42	269	4	050	20435	0	-59.5	27.1	0	59	267	7
100	15966	0	-56.9		0	80	248	12	100	16114	0	-59.5		0	72	266	9	100	16086	0	-58.2	26.2	0	76	264	12
150	13390	0	-54.3		0	78	236	15	150	13566	0	-57.0		0	75	268	14	150	13520	0	-55.5	24.2	0	76	263	17
200	11543	0	-53.9		0	74	233	17	200	11744	0	-56.3		0	71	268	18	200	11685	0	-54.7	19.6	0	72	263	21
300	8928	0	-49.8		0	68	225	19	300	9127	0	-46.2		0	64	259	20	300	9052	0	-46.2	12.4	0	69	261	22
500	5415	0	-25.1	11.3	0	73	215	14	500	5549	0	-20.6	11.8	0	71	244	14	500	5487	0	-22.1	12.1	0	70	251	16
700	2888	0	-8.4	9.1	0	78	207	11	700	2979	0	-5.0	13.9	0	67	247	9	700	2933	0	-6.1	10.6	0	70	244	12
850	1356	0	.4	5.2	0	77	202	10	850	1429	0	3.0	6.2	0	58	241	7	850	1390	0	1.9	3.7	0	65	236	10
994	* 84		7.8	2.6					1001	* 88		10.6	2.5					1003	* 30		10.2	2.7				
<b>EUROPE - ICELAND</b> <b>KEFLAVIKURFLUGVOLLUR</b> 04018 NOV 2003 6358N 02236W OB 3									<b>EUROPE - GREENLAND</b> <b>AASIAAT (EGEDSMINDE)</b> 04220 NOV 2003 6842N 05251W OB 3									<b>EUROPE - GREENLAND</b> <b>NARSARSUAQ</b> 04270 NOV 2003 6109N 04526W OB 3								
030	23391	5	-63.5	29.4	7	88	266	22	030	23076	0	-67.1	22.1	0	87	254	22	030	23402	0	-61.2	24.1	1	96	253	23
050	20217	0	-59.8	29.4	1	82	252	16	050	19964	0	-62.7	24.2	0	83	251	16	050	20211	0	-57.6	25.8	1	96	249	18
100	15827	0	-54.1	30.8	1	75	242	13	100	15627	0	-56.2	27.4	0	79	241	11	100	15790	0	-53.6	27.4	1	87	247	13
150	13212	0	-51.5	31.1	1	67	234	12	150	13038	0	-54.0	27.1	0	75	238	9	150	13172	0	-52.0	27.0	1	82	251	14
200	11339	0	-50.4	15.4	1	61	225	12	200	11189	0	-53.6	23.8	0	61	233	8	200	11309	0	-51.8	24.3	1	72	256	13
300	8702	0	-50.5	13.8	1	51	208	11	300	8601	0	-54.4	9.7	0	23	211	4	300	8689	0	-51.4	10.6	0	55	264	12
500	5243	0	-30.2	10.8	1	41	194	5	500	5191	0	-33.9	10.6	0	36	195	4	500	5237	0	-31.2	10.7	0	45	276	7
700	2764	0	-13.2	9.4	0	39	156	4	700	2758	0	-18.8	9.6	0	23	214	2	700	2775	0	-15.6	9.2	0	9	342	1
850	1258	0	-4.0	4.3	0	43	119	6	850	1287	0	-10.3	7.6	0	10	261	1	850	1284	0	-6.7	9.3	0	36	77	2
990	* 54		2.8	3.1					998	* 41		-4.6	3.0					999	* 4		-3.5	6.0				
<b>EUROPE - GREENLAND</b> <b>DANMARKSHAVN</b> 04320 NOV 2003 7646N 01840W OB 3									<b>EUROPE - GREENLAND</b> <b>ILLOQQORTOORMIUT (SCORESBYSU)</b> 04339 NOV 2003 7029N 02157W OB 3									<b>EUROPE - GREENLAND</b> <b>TASIILAQ (AMASSALIK)</b> 04360 NOV 2003 6536N 03738W OB 3								
030	22913	0	-72.0	22.0	0	79	259	20	030	23132	0	-68.4	21.5	1	93	256	24	030	23227	0	-64.9	23.6	0	87	254	24
050	19872	0	-67.1	23.6	0	80	249	17	050	20031	0	-63.8	23.7	0	90	252	19	050	20083	0	-60.6	25.8	0	83	248	18
100	15612	0	-59.6	25.9	0	82	238	14	100	15711	0	-56.9	26.3	1	84	238	14	100	15707	0	-54.8	28.0	0	73	242	12
150	13057	0	-56.4	25.5	0	79	237	13	150	13127	0	-54.1	26.7	1	85	224	12	150	13103	0	-52.7	27.6	0	63	242	10
200	11228	0	-56.2	20.0	0	78	228	13	200	11278	0	-53.5	23.6	0	80	212	11	200	11241	0	-52.0	24.8	0	52	242	8
300	8675	0	-56.3	8.0	0	65	221	14	300	8684	0	-54.5	7.4	0	56	188	10	300	8634	0	-53.7	8.6	0	24	227	5
500	5257	0	-31.8	9.4	0	57	228	8	500	5259	0	-31.5	8.2	0	48	155	6	500	5209	0	-32.8	7.2	0	21	130	3
700	2803	0	-17.3	8.4	0	45	223	5	700	2798	0	-15.7	4.9	3	25	110	3	700	2762	0	-16.9	5.0	0	54	116	5
850	1334	0	-13.8	6.9	0	22	256	2	850	1315	0	-10.4	3.1	5	36	22	4	850	1280	0	-8.3	3.7	0	65	84	6
1012	* 12		-16.2	4.3					998	* 69		-6.2	3.0					994	* 52		-.2	3.8				

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - DENMARK & FAROE IS. THORSHAVN 06011 NOV 2003 6201N 00646W OB 3									EUROPE - DENMARK & FAROE IS. KOBENHAVN/JAEGERSBORG 06181 NOV 2003 5546N 01232E OB 3									EUROPE - BELGIUM UCCLE 06447 NOV 2003 5048N 00421E OB 3								
030	23429	0	-64.2	27.1	0	89	272	18	030	23494	0	-64.0	24.2	0	71	286	12	030	23610	21	-60.3	29.4	9	63	273	8
050	20277	0	-60.7	28.0	0	88	262	14	050	20354	0	-62.4	25.0	0	67	278	9	050	20448	20	-59.9	30.2	9	65	261	7
100	15918	0	-56.2	29.1	0	82	243	13	100	16049	0	-60.4	24.2	0	62	258	8	100	16131	20	-59.8	27.6	9	56	261	6
150	13325	0	-53.2	29.2	0	78	234	14	150	13514	0	-58.2	23.1	0	53	250	9	150	13594	20	-58.3	21.8	9	54	273	9
200	11469	0	-52.2	26.5	0	75	229	16	200	11698	0	-59.4	13.0	0	51	241	12	200	11784	20	-58.4	13.5	9	49	262	10
300	8846	0	-50.6	12.2	0	67	219	17	300	9123	0	-48.6	9.4	0	47	243	12	300	9201	20	-47.3	9.7	9	49	245	11
500	5353	0	-26.6	10.7	0	74	209	12	500	5565	0	-21.5	12.1	0	54	233	10	500	5615	20	-19.4	13.3	9	52	237	9
700	2838	0	-9.7	9.2	0	72	205	10	700	3001	0	-4.8	11.1	0	54	225	8	700	3030	20	-2.6	13.6	9	54	234	8
850	1314	0	-1.3	4.2	0	53	204	7	850	1452	0	2.5	10.6	0	54	210	6	850	1469	20	4.8	9.5	9	64	216	9
993	* 55		6.8	2.5					1011	* 42		7.1	1.6					1004	* 104		9.9	3.6				
EUROPE - SWITZERLAND PAYERNE 06610 NOV 2003 4649N 00657E OB 3									EUROPE - FRANCE NANCY/ESSEY 07180 NOV 2003 4841N 00613E OB 3									EUROPE - FRANCE NIMES/COURBESSAC 07645 NOV 2003 4352N 00424E OB 3								
030	23639	0	-59.6		0	43	280	5	030									030								
050	20450	0	-61.2		0	35	270	4	050	20461	4	-61.0		4	33	271	3	050	20480	4	-60.4		4	56	279	5
100	16149	0	-60.9		0	64	271	6	100	16140	0	-60.4		0	59	275	5	100	16180	0	-61.1		0	75	287	8
150	13622	0	-59.4		0	55	274	8	150	13604	0	-58.9		0	60	272	8	150	13656	0	-59.4		0	63	292	10
200	11821	0	-59.2	9.6	0	53	278	10	200	11801	0	-59.1		0	57	269	10	200	11856	0	-59.0		0	52	292	11
300	9226	0	-46.5	10.1	0	41	260	8	300	9209	0	-46.6		0	47	267	9	300	9250	0	-45.5		0	45	277	10
500	5636	0	-19.3	10.8	0	49	241	7	500	5618	0	-19.7	10.0	0	50	250	7	500	5650	0	-18.7	14.1	1	48	257	6
700	3050	0	-2.7	10.9	0	53	229	5	700	3036	0	-3.2	11.5	0	60	244	6	700	3056	0	-1.7	14.4	1	32	237	3
850	1486	0	5.4	8.5	0	47	228	3	850	1475	0	5.0	9.5	0	50	237	5	850	1486	0	6.4	7.9	1	17	218	2
960	* 491		4.3	1.3					991	* 217		6.3	1.3					1010	* 62		9.4	2.1				
EUROPE - FRANCE AJACCIO 07761 NOV 2003 4155N 00848E OB 3									EUROPE - SPAIN LA CORUNA 08001 NOV 2003 4322N 00825W OB 3									EUROPE - SPAIN SANTANDER 08023 NOV 2003 4328N 00348W OB 3								
030									030	23667	28	-57.2	31.7	9	31	12	2	030	23663	11	-58.3		9	47	60	3
050	20483	6	-61.0		6	60	281	6	050	20486	24	-61.6	27.6	9	50	268	2	050	20478	2	-61.5		2	41	29	2
100	16197	3	-62.3		5	73	270	8	100	16203	17	-63.5	22.3	9	73	282	5	100	16198	1	-62.6		1	49	2	3
150	13680	3	-60.0		3	75	280	11	150	13701	13	-61.0	19.2	9	70	286	8	150	13668	1	-60.5		1	48	351	5
200	11884	3	-59.5		3	56	286	12	200	11902	13	-59.1	12.3	9	69	290	10	200	11881	0	-58.7		0	46	343	6
300	9285	2	-45.7		3	45	294	9	300	9285	9	-44.1	10.2	9	59	279	8	300	9268	0	-45.1	11.0	0	35	354	5
500	5675	1	-18.2	12.3	2	54	264	7	500	5656	2	-16.4	13.1	4	59	269	6	500	5650	0	-17.5	15.3	0	26	8	2
700	3076	2	-1.1	15.3	2	56	265	5	700	3047	2	-1.7	12.4	9	62	254	5	700	3051	0	-1.9	11.7	0	27	36	2
850	1505	2	6.8	7.7	1	38	242	3	850	1481	2	5.1	5.8	9	50	252	3	850	1483	0	6.8	4.1	0	26	41	1
1016	* 9		17.5	6.2					1008	* 67		14.0	4.1					1009	* 59		14.4	4.2				

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>EUROPE - SPAIN</b> MADRID/BARAJAS 08221 NOV 2003 4030N 00335W OB 3								<b>EUROPE - SPAIN</b> MURCIA 08430 NOV 2003 3800N 00110W OB 3								<b>EUROPE - GIBRALTAR</b> GIBRALTAR 08495 NOV 2003 3609N 00520W OB 3										
030	23694	2	-58.0	29.7	3	32	269	2	030	23706	25	-58.0	31.2	9	66	254	4	030	23702	0	-58.3	23.8	2	67	262	6
050	20504	0	-61.4	26.8	0	60	278	2	050	20513	12	-61.8	28.5	9	77	268	3	050	20514	0	-62.6	20.6	1	76	266	6
100	16236	0	-63.3	23.1	0	69	289	5	100	16256	1	-63.4	25.6	3	82	280	5	100	16269	0	-64.8	16.4	0	77	285	10
150	13724	0	-60.3	18.9	0	67	301	7	150	13749	1	-60.3	21.6	3	68	288	7	150	13775	0	-61.5	13.5	1	69	291	14
200	11929	0	-58.6	14.5	0	58	307	8	200	11949	1	-58.1	16.1	2	63	290	8	200	11985	0	-58.4	10.8	0	62	298	16
300	9307	0	-44.3	11.4	0	50	302	7	300	9327	0	-44.4	11.9	1	51	289	6	300	9356	0	-42.8	11.1	0	51	303	13
500	5680	0	-16.6	14.4	0	50	291	4	500	5700	0	-16.6	13.5	1	50	286	4	500	5710	0	-15.6	13.9	0	47	293	8
700	3070	0	-1.0	11.3	0	39	269	2	700	3086	0	-1.1	14.2	1	37	279	2	700	3086	0	1.0	13.8	0	45	277	5
850	1498	0	6.7	7.2	0	38	226	2	850	1508	0	7.5	7.9	1	25	280	1	850	1503	0	8.2	8.5	0	32	252	3
944	* 633		10.7	4.4					1011	* 62		15.5	5.0					1016	* 4		16.6	4.4				
<b>EUROPE - PORTUGAL</b> LAJES/SANTA RITA (ACORES) 08508 NOV 2003 3844N 02704W OB 3								<b>EUROPE - PORTUGAL</b> LISBOA/GAGO COUTINHO 08579 NOV 2003 3846N 00908W OB 3								<b>EUROPE - GERMANY</b> SCHLESWIG 10035 NOV 2003 5432N 00933E OB 3										
030	23761	1	-58.3						030	23715	0	-57.7	24.9	7	40	269	2	030	23554	0	-63.2		0	66	287	10
050	20583	11	-62.6						050	20527	0	-62.4	21.4	7	71	284	3	050	20398	0	-61.6		0	63	275	8
100	16342	1	-65.2						100	16275	0	-64.3	17.0	7	78	289	5	100	16083	0	-59.4	26.5	0	65	258	8
150	13859	1	-63.9						150	13783	0	-61.6	13.7	7	76	294	9	150	13535	0	-57.9	23.5	0	58	250	10
200	12082	0	-59.5						200	11993	0	-58.6	10.8	6	73	297	12	200	11723	0	-58.9	15.1	0	54	248	13
300	9441	0	-40.6	10.7					300	9360	0	-42.5	10.2	6	61	293	9	300	9139	0	-48.5	10.4	0	53	238	14
500	5759	0	-13.4	15.4					500	5709	0	-15.1	15.0	6	63	289	6	500	5575	0	-21.0	11.8	0	58	232	11
700	3118	0	2.0	15.9					700	3083	0	1.0	16.3	6	54	285	3	700	3004	0	-4.5	12.2	0	60	225	9
850	1526	0	8.6	8.7					850	1502	0	6.9	5.4	6	40	275	2	850	1451	0	3.2	10.3	0	59	220	8
1006	* 113		16.7	5.9					1005	* 105		14.8	3.7					1010	* 48		6.5	1.4				
<b>EUROPE - GERMANY</b> GREIFSWALD 10184 NOV 2003 5406N 01324E OB 3								<b>EUROPE - GERMANY</b> EMDEN-FLUGPLATZ 10200 NOV 2003 5323N 00714E OB								<b>EUROPE - GERMANY</b> BERGEN 10238 NOV 2003 5249N 00956E OB										
030	23550	0	-63.6		1	68	285	11	030	23584	0	-61.9		0	61	286	10	030	23569	0	-62.3		1	68	281	10
050	20404	0	-61.9		1	60	282	8	050	20418	0	-61.2		0	59	272	7	050	20415	0	-61.6		1	55	279	6
100	16091	0	-59.8	27.7	1	58	265	8	100	16094	0	-59.5	25.9	0	69	256	9	100	16100	0	-59.7	10.4	0	63	256	8
150	13551	0	-58.1	24.1	1	48	259	9	150	13546	0	-57.5	21.6	0	64	250	11	150	13560	0	-57.9	9.4	0	49	257	8
200	11745	0	-59.7	14.9	0	46	252	12	200	11729	0	-58.3	14.4	0	61	247	14	200	11752	0	-58.9	8.6	0	48	254	11
300	9162	0	-48.2	10.8	0	43	248	11	300	9138	0	-48.2	9.7	0	58	238	15	300	9164	0	-47.8	8.4	0	45	242	11
500	5593	0	-20.9	12.3	0	45	238	8	500	5571	0	-20.9	11.5	0	62	231	12	500	5595	0	-20.4	8.8	0	48	235	9
700	3021	0	-3.9	13.1	0	44	231	6	700	2998	0	-4.2	11.7	0	65	229	9	700	3020	0	-3.7	10.4	0	49	224	7
850	1465	0	3.4	10.2	0	46	223	5	850	1443	0	3.9	11.0	0	67	226	8	850	1465	0	3.7	6.8	0	50	225	6
1017	* 6		6.5	1.8					1014	* 5		7.3	1.4					1008	* 69		7.0	2.0				



# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>EUROPE - GERMANY LINDENBERG</b> 10393 NOV 2003 5213N 01407E OB 3								<b>EUROPE - GERMANY ESSEN</b> 10410 NOV 2003 5124N 00658E OB 3								<b>EUROPE - GERMANY MEININGEN</b> 10548 NOV 2003 5034N 01023E OB 3										
030	23578	0	-62.5		0	60	288	9	030	23469	2	-60.8	30.0	2	58	285	9	030	23607	0	-61.4		1	53	290	8
050	20416	0	-61.8		0	45	280	5	050	20311	2	-60.3	30.1	2	50	273	6	050	20432	0	-61.0		1	49	275	6
100	16106	0	-60.2	28.5	0	46	271	6	100	16008	2	-59.3	28.7	2	63	261	8	100	16120	0	-60.3	27.3	1	55	263	7
150	13571	0	-58.9	25.5	0	45	260	8	150	13481	2	-58.0	26.1	2	58	263	10	150	13583	0	-58.8	23.2	1	54	261	9
200	11769	0	-59.8	14.7	0	37	258	9	200	11683	2	-58.6	15.8	2	59	257	13	200	11778	0	-59.6	15.0	1	48	263	10
300	9186	0	-48.0	9.0	0	32	254	8	300	9106	2	-47.6	9.7	2	60	245	14	300	9190	0	-47.7	10.9	1	43	254	10
500	5612	0	-20.4	11.1	0	30	256	6	500	5554	2	-20.6	12.7	2	56	245	10	500	5613	0	-20.1	11.6	1	43	246	7
700	3034	0	-3.7	10.9	0	33	237	5	700	2996	2	-3.8	11.3	2	59	245	8	700	3032	0	-3.6	12.1	1	50	239	7
850	1476	0	4.0	9.7	0	40	230	4	850	1448	2	4.2	8.1	2	63	242	7	850	1473	0	4.1	8.9	1	57	230	6
1005	* 104		6.2	2.3					997	* 153		8.6	3.1					964	* 453		4.9	1.3				
<b>EUROPE - GERMANY STUTTGART/SCHNARRENBERG</b> 10739 NOV 2003 4850N 00912E OB 3								<b>EUROPE - GERMANY MUENCHEN-OBERSCHLEISSHEIM</b> 10868 NOV 2003 4815N 01133E OB 3								<b>EUROPE - AUSTRIA WIEN/HOHE WARTE</b> 11035 NOV 2003 4814N 01621E OB 3										
030	23644	0	-60.1	27.6	0	54	282	7	030	23625	0	-60.5		0	49	286	7	030	23612	11	-61.3		9	64	284	11
050	20461	0	-60.9	27.4	0	45	264	4	050	20450	0	-61.2		0	42	271	5	050	20444	10	-61.1		9	49	276	5
100	16143	0	-60.3	26.0	0	50	265	5	100	16141	0	-60.5	26.5	0	55	269	6	100	16138	10	-60.3		9	57	270	7
150	13607	0	-58.8	21.9	0	58	272	8	150	13606	0	-59.1	21.8	0	50	270	7	150	13607	9	-59.6		9	52	263	8
200	11810	0	-59.0	15.1	0	43	276	9	200	11803	0	-59.3	15.2	0	40	275	8	200	11809	9	-59.6		9	40	256	9
300	9216	0	-47.0	10.8	0	39	263	9	300	9209	0	-47.4	11.1	0	35	280	8	300	9209	7	-46.8		7	26	248	6
500	5630	0	-19.6	12.3	0	40	257	6	500	5628	0	-19.9	12.4	0	38	267	6	500	5629	0	-20.3	12.6	0	31	245	5
700	3046	0	-3.2	10.8	0	37	239	4	700	3045	0	-3.4	11.6	0	45	253	4	700	3049	0	-3.1	14.1	0	49	253	7
850	1484	0	4.8	8.2	0	27	250	2	850	1484	0	5.1	9.7	0	44	248	4	850	1490	0	4.2	7.6	0	45	241	5
980	* 315		7.2	4.1					961	* 489		4.4	2.2					996	* 200		7.3	2.9				
<b>EUROPE - CZECH REPUBLIC PRAHA-LIBUS</b> 11520 NOV 2003 5000N 01427E OB 3								<b>EUROPE - SLOVAKIA POPRAD-GANOVCE</b> 11952 NOV 2003 4902N 02019E OB 3								<b>EUROPE - HUNGARY BUDAPEST/LORINC</b> 12843 NOV 2003 4726N 01911E OB 3										
030	23595	0	-61.8	27.9	0	55	291	8	030	23585	0	-61.9	27.8	1	63	293	9	030	23619	4	-60.8		6	59	292	8
050	20433	0	-61.6	28.0	0	42	279	5	050	20428	0	-61.7	27.7	0	53	289	6	050	20446	3	-61.5		5	45	287	5
100	16125	0	-60.3	27.2	0	47	267	5	100	16130	0	-60.8	26.3	0	49	276	6	100	16141	1	-60.8		2	52	273	6
150	13590	0	-59.1	24.4	0	43	259	7	150	13601	0	-59.6	22.4	0	42	265	7	150	13612	1	-59.6		1	48	262	7
200	11789	0	-59.5	14.9	0	31	262	7	200	11804	0	-59.5	13.9	0	28	254	7	200	11815	0	-59.5		1	39	255	8
300	9198	0	-47.2	10.1	0	20	258	5	300	9214	0	-47.2	9.5	0	20	230	5	300	9218	0	-47.1	9.6	0	28	229	7
500	5621	0	-20.2	11.2	0	22	261	4	500	5637	0	-20.3	11.3	0	25	238	5	500	5641	0	-20.4	11.3	0	33	237	6
700	3043	0	-3.3	12.4	0	23	236	3	700	3058	0	-3.8	10.6	0	33	225	5	700	3062	0	-3.8	11.6	0	37	232	4
850	1484	0	3.9	8.2	0	34	214	3	850	1504	0	2.7	6.2	0	56	227	4	850	1507	0	3.3	6.4	0	43	229	4
983	* 303		5.9	2.9					938	* 706		5.0	3.4					1004	* 139		7.8	3.3				

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>EUROPE - HUNGARY</b> <b>SZEGED</b> 12982 NOV 2003 4615N 02006E OB									<b>EUROPE - YUGOSLAVIA</b> <b>BEOGRAD/KOSUTNJAK</b> 13275 NOV 2003 4446N 02025E OB 1									<b>EUROPE - CROATIA</b> <b>ZAGREB/MAKSIMIR</b> 14240 NOV 2003 4549N 01602E OB 3									
030	23625	3	-61.0		3	65	293	9	030										030	23626	0	-60.4		0	55	293	7
050	20459	2	-61.3		2	58	286	6	050	20453	5	-61.4		5	64	283	6	050	20449	0	-61.3		0	49	282	5	
100	16162	0	-61.1		0	62	285	8	100	16160	2	-61.2		2	61	289	6	100	16151	0	-60.9		0	59	269	6	
150	13634	0	-59.5		0	51	270	7	150	13638	1	-59.9		1	65	267	9	150	13623	0	-59.9		0	61	265	9	
200	11839	0	-59.8		0	48	257	10	200	11843	0	-59.9		0	55	261	10	200	11827	0	-59.3		0	53	260	10	
300	9240	0	-46.6	10.1	1	27	242	6	300	9247	0	-46.3		0	48	257	10	300	9227	0	-46.4		0	40	266	9	
500	5656	0	-20.2	12.1	0	38	245	6	500	5660	0	-19.8	13.4	0	45	245	7	500	5647	0	-20.0	12.3	0	44	258	6	
700	3075	0	-3.4	10.9	0	42	244	5	700	3077	0	-2.8	12.6	0	45	260	4	700	3065	0	-2.9	12.9	0	46	237	5	
850	1516	0	4.1	7.3	0	29	233	2	850	1517	0	4.8	8.4	0	47	235	3	850	1507	0	3.7	4.8	0	46	219	4	
1012	* 83		5.2	1.4					997	* 203		8.6	3.7						1005	* 128		8.6	2.9				
<b>EUROPE - ROMANIA</b> <b>BUCURESTI/IMH</b> 15420 NOV 2003 4430N 02608E OB 1									<b>EUROPE - BULGARIA</b> <b>SOFIA (OBSERV.)</b> 15614 NOV 2003 4239N 02323E OB 0									<b>EUROPE - ITALY</b> <b>MILANO/LINATE</b> 16080 NOV 2003 4526N 00917E OB 3									
030									030	23638	16	-58.7	25.2	9	82	279	10	030	23449	8	-60.7	23.2	8	38	272	5	
050	20444	3	-61.5	24.0	3	71	289	7	050	20458	6	-61.0	24.3	6	80	270	7	050	20310	4	-62.1	22.0	4	40	283	4	
100	16164	0	-61.3	21.9	0	76	287	7	100	16169	1	-62.0	22.2	2	76	277	8	100	16046	1	-61.9	20.0	1	64	263	6	
150	13651	0	-60.8	18.3	1	65	284	10	150	13658	1	-60.7	20.1	1	77	273	12	150	13531	1	-60.6	17.3	1	57	289	8	
200	11863	0	-61.2	9.1	1	45	282	9	200	11874	1	-61.0	11.9	1	59	265	11	200	11741	1	-60.7	9.9	1	49	277	9	
300	9277	0	-47.1	7.7	0	25	287	6	300	9286	1	-46.5	9.5	1	49	260	9	300	9160	1	-48.2	5.0	1	44	259	8	
500	5689	0	-19.6	11.7	0	28	258	4	500	5688	1	-18.3	13.9	1	54	259	7	500	5594	1	-21.1	10.6	1	36	243	5	
700	3105	0	-3.1	10.6	1	34	271	4	700	3092	1	-2.1	10.7	1	44	253	5	700	3030	0	-4.7	8.1	0	35	201	3	
850	1548	0	4.2	8.0	0	32	302	3	850	1528	1	5.5	6.4	1	25	264	1	850	1481	0	1.9	2.0	0	40	142	2	
1014	* 91		5.5	2.0					953	* 595		10.9	7.0					1006	* 103		8.5	1.7					
<b>EUROPE - ITALY</b> <b>PRATICA DI MARE</b> 16245 NOV 2003 4139N 01226E OB 3									<b>EUROPE - ITALY</b> <b>BRINDISI</b> 16320 NOV 2003 4039N 01757E OB 3									<b>EUROPE - ITALY</b> <b>CAGLIARI/ELMAS</b> 16560 NOV 2003 3915N 00904E OB /									
030	23657	0	-59.0	25.7	0	54	279	5	030	23607	0	-59.2	27.5	1	65	282	6	030	23679	0	-58.4	29.2	0	56	261	5	
050	20469	0	-60.6	24.8	0	62	272	5	050	20427	0	-61.0	26.1	0	75	273	7	050	20494	0	-61.2	28.0	0	77	256	7	
100	16161	0	-62.1	21.8	0	80	270	9	100	16153	0	-62.8	22.3	0	89	271	11	100	16214	0	-62.6	24.5	0	84	271	11	
150	13647	0	-60.6	18.7	0	76	270	11	150	13650	0	-61.0	19.7	0	89	268	14	150	13702	0	-60.3	21.2	0	79	268	14	
200	11856	0	-60.2	11.2	0	61	272	12	200	11863	0	-60.0	12.8	1	82	268	15	200	11908	0	-59.5	13.0	0	69	269	16	
300	9260	0	-46.0	9.5	0	52	269	10	300	9272	0	-46.5	10.3	1	69	265	13	300	9302	0	-45.1	10.2	0	53	263	11	
500	5663	0	-18.9	13.2	0	59	262	7	500	5678	0	-18.7	15.0	1	63	253	9	500	5688	0	-17.8	15.1	0	50	244	7	
700	3071	0	-1.7	13.0	0	52	236	5	700	3085	0	-1.8	13.7	0	50	254	4	700	3082	0	-1.1	17.4	0	47	254	5	
850	1502	0	6.5	5.9	0	55	206	4	850	1516	0	6.5	7.9	0	29	206	3	850	1505	0	7.7	7.7	0	36	240	4	
1013	* 32		14.5	3.9					1019	* 10		16.2	4.8					1017	* 5		16.2	2.9					

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>EUROPE - TURKEY SAMSUN</b> 17030 NOV 2003 4117N 03618E OB 3									<b>EUROPE - TURKEY ISTANBUL/GOZTEPE</b> 17062 NOV 2003 4058N 02905E OB 3									<b>EUROPE - TURKEY ANKARA/CENTRAL</b> 17130 NOV 2003 3957N 03253E OB 3								
030	23631	0	-60.2	30.2	0	90	285	10	030	23639	8	-60.2	30.6	9	76	307	7	030	23640	0	-59.8	30.3	1	75	280	8
050	20458	0	-61.6	29.5	0	84	288	9	050	20464	7	-61.6	29.9	9	73	306	5	050	20467	0	-61.9	28.6	1	89	288	9
100	16169	0	-61.7	25.9	0	93	280	11	100	16172	4	-62.0	25.8	9	85	285	12	100	16183	0	-62.4	24.7	2	93	281	12
150	13652	0	-59.8	21.8	1	88	288	13	150	13662	4	-60.5	20.0	9	87	282	14	150	13672	0	-59.8	21.3	2	88	282	14
200	11853	0	-59.3	14.8	0	68	286	12	200	11884	2	-60.2	13.1	9	68	295	13	200	11873	0	-59.0	14.7	1	74	290	13
300	9255	0	-46.5	12.3	0	47	291	9	300	9275	0	-46.1	11.6	6	53	284	9	300	9272	0	-46.1	13.7	1	59	291	10
500	5673	0	-19.8	10.8	0	40	295	5	500	5680	0	-18.8	14.6	1	48	292	6	500	5677	0	-19.0	12.4	0	45	307	6
700	3093	0	-3.4	10.4	0	15	289	1	700	3087	0	-1.8	13.6	0	31	300	2	700	3088	0	-2.3	13.6	1	42	318	3
850	1532	0	5.4	9.3	0	53	282	3	850	1521	0	5.5	7.8	1	22	279	2	850	1524	0	5.5	8.0	3	19	253	1
1022	* 4		10.5	3.5					1017	* 33		10.4	3.2					918	* 891		5.3	3.6				
<b>EUROPE - TURKEY IZMIR/GUZELYALT</b> 17220 NOV 2003 3826N 02710E OB 3									<b>EUROPE - TURKEY ISPARTA</b> 17240 NOV 2003 3745N 03033E OB 3									<b>EUROPE - TURKEY DIYARBAKIR</b> 17280 NOV 2003 3753N 04012E OB 3								
030	23672	0	-59.4	30.6	2	76	290	8	030	23675	0	-59.0	28.9	1	80	280	8	030	23649	0	-59.0	29.7	9	88	277	11
050	20497	0	-61.7	29.8	1	83	286	8	050	20498	0	-61.8	27.3	1	89	282	9	050	20474	0	-62.0	28.1	9	94	270	11
100	16222	0	-63.0	26.4	1	91	278	14	100	16224	0	-63.6	23.8	3	94	276	16	100	16201	0	-62.8	24.6	9	91	274	16
150	13717	0	-60.6	23.3	0	92	280	17	150	13718	0	-60.8	19.7	2	92	275	19	150	13694	0	-60.5	21.0	9	92	271	20
200	11922	0	-59.6	16.3	0	81	285	16	200	11919	0	-58.3	14.6	1	82	277	16	200	11894	0	-58.4	15.3	9	86	268	22
300	9320	0	-45.6	14.6	0	67	283	13	300	9312	0	-45.4	12.2	0	69	286	12	300	9286	0	-45.6	13.4	9	73	269	16
500	5708	0	-17.6	16.9	0	65	284	7	500	5703	0	-17.5	16.1	0	73	296	9	500	5685	0	-18.6	13.8	9	62	264	10
700	3104	0	-4	17.1	0	48	311	4	700	3099	0	-1.3	11.1	0	42	318	3	700	3092	0	-1.8	13.9	9	44	250	4
850	1528	0	7.9	11.7	0	18	353	1	850	1527	0	6.9	7.3	0	14	356	1	850	1521	0	7.4	10.7	9	9	305	1
1017	* 29		12.5	4.5					907	* 997		3.6	2.0					941	* 677		7.3	4.8				
<b>EUROPE - CYPRUS ATHALASSA</b> 17607 NOV 2003 3509N 03324E OB 2									<b>EUROPE - RUSSIAN FEDERATION (EUROPE) MURMANSK</b> 22113 NOV 2003 6859N 03307E OB 3									<b>EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK</b> 22550 NOV 2003 6437N 04030E OB 3								
030									030	23090	15	-71.5	25.0	9	91	289	19	030	23152	14	-70.3	8.8	9	92	295	21
050									050	20005	9	-67.2	24.5	9	94	301	19	050	20091	7	-67.1	8.6	7	94	303	19
100	16254	0	-64.3	29.3	1	95	274	19	100	15759	4	-61.1	23.7	4	94	297	17	100	15849	1	-60.9	8.4	1	93	309	17
150	13758	0	-61.3	28.1	2	94	271	23	150	13239	3	-58.0	21.3	3	90	292	16	150	13326	1	-58.2	7.7	1	86	307	16
200	11960	0	-57.7	24.1	0	91	272	25	200	11426	2	-58.0	16.1	2	84	291	16	200	11516	0	-58.5	6.6	0	80	309	18
300	9341	0	-44.9	18.3	0	83	271	18	300	8879	1	-53.4	10.4	1	73	289	15	300	8946	1	-51.4	6.7	0	58	305	15
500	5718	0	-16.7	21.6	0	76	278	9	500	5411	0	-28.0	9.5	0	60	292	10	500	5449	0	-26.3	9.4	0	59	303	10
700	3106	0	.2	16.9	0	57	289	5	700	2912	0	-12.2	8.2	0	51	286	6	700	2939	0	-11.2	8.6	0	47	290	6
850	1524	0	9.2	11.7	0	27	315	2	850	1404	0	-4.2	4.4	0	47	265	5	850	1428	0	-4.4	6.6	0	39	267	4
998	* 161		22.1	11.0					999	* 121		-1.8	2.0					1017	* 4		-1.8	1.6				

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>ST. PETERBURG (VOEJKOVO)</b> 26063 NOV 2003 5957N 03042E OB 3									<b>EUROPE - LATVIA</b> <b>RIGA</b> 26422 NOV 2003 5658N 02403E OB									<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>KAZAN'</b> 27595 NOV 2003 5536N 04917E OB 3									
030	23386	3	-66.8	20.8	7	89	298	19	030										030	23387	14	-65.5	8.2	9	90	300	21
050	20274	1	-64.4	19.9	1	87	299	15	050	20343	16	-63.6	24.4	9	73	300	11	050	20245	8	-63.8	7.6	8	92	305	17	
100	15997	0	-60.7	19.5	0	84	293	13	100	16049	15	-60.7	21.7	9	72	292	10	100	15955	6	-59.9	6.8	6	92	311	15	
150	13460	0	-59.0	15.1	0	76	291	14	150	13520	15	-59.3	16.9	9	60	271	11	150	13422	5	-58.8	5.7	5	89	316	17	
200	11662	0	-59.9	10.3	0	72	286	16	200	11722	15	-60.5	11.4	9	46	266	10	200	11619	3	-60.5	4.8	3	81	324	18	
300	9092	0	-49.8	8.2	0	67	284	17	300	9146	15	-48.6	10.0	9	52	249	10	300	9061	2	-49.9	5.1	2	76	328	18	
500	5549	0	-22.9	10.6	0	64	284	11	500	5587	15	-21.3	12.1	9	44	243	7	500	5531	1	-24.4	9.9	1	62	323	10	
700	3004	0	-7.1	10.3	0	57	276	7	700	3022	15	-4.8	9.6	9	52	247	6	700	3003	1	-9.8	9.4	1	36	304	4	
850	1470	0	-5	7.4	0	43	255	4	850	1471	15	3.1	10.2	9	53	246	5	850	1489	1	-4.2	7.3	1	27	251	3	
1011	* 78		1.6	1.8					1016	* 26		3.5	1.1					1010	* 116		-1.8	1.8					
<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>MOSKVA (DOLGOPRUDNYJ)</b> 27612 NOV 2003 5545N 03757E OB 0									<b>EUROPE - RUSSIAN FEDERATION (EUROPE)</b> <b>ROSTOV-NA-DONU</b> 34731 NOV 2003 4715N 03949E OB 3									<b>EUROPE - ISRAEL</b> <b>BET DAGAN</b> 27595 NOV 2003 5536N 04917E OB 3									
030									030										030								
050	20159	13	-64.8	7.7	9	89	304	18	050									050									
100	15945	10	-61.3	7.9	9	84	311	14	100									100	16314	0	-66.0		2	96	269	26	
150	13422	7	-60.4	6.4	7	80	308	15	150									150	13841	0	-62.6		0	96	266	30	
200	11651	6	-61.9	5.5	6	73	301	18	200	11843	14	-60.5	2.5	9	52	344	7	200	12051	0	-58.0		0	95	265	31	
300	9108	1	-48.4	6.2	1	63	303	14	300	9197	6	-47.5	2.6	6	51	325	10	300	9411	0	-41.8	14.9	0	92	263	25	
500	5556	1	-21.8	9.8	1	60	308	10	500	5604	4	-21.4	10.4	4	47	319	7	500	5755	0	-14.8	19.4	0	87	264	12	
700	3008	0	-6.6	8.8	0	52	300	6	700	3047	4	-4.2	12.0	4	33	337	3	700	3122	0	2.3	15.3	0	67	248	6	
850	1479	0	-1.4	5.9	0	33	309	3	850	1502	4	1.3	8.3	4	10	11	1	850	1528	0	11.6	10.2	0	53	234	2	
999	* 200		.4	1.3					1014	* 78		3.3	1.9					1013	* 35		19.8	6.7					
<b>EUROPE - JORDAN</b> <b>MAFRAQ</b> 27612 NOV 2003 5545N 03757E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OSTROV DIKSON</b> 20674 NOV 2003 7330N 08024E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HATANGA</b> 20891 NOV 2003 7159N 10228E OB 3									
030	23712	14	-58.9		9	76	270	12	030	22707	19	-71.7		9	85	313	9	030									
050	20546	1	-62.8		8	87	273	13	050	19720	8	-67.5		8	78	337	7	050	19826	25	-65.3	7.5	9	74	291	4	
100	16309	0	-61.6		5	98	267	21	100	15489	7	-60.2		9	86	352	8	100	15581	21	-58.7	7.5	9	69	345	3	
150	13832	0	-62.2		2	96	269	28	150	12937	7	-56.7		7	83	358	9	150	12983	19	-57.6	6.2	9	68	347	4	
200	12038	0	-57.6		1	87	267	32	200	11109	7	-55.5		7	82	358	10	200	11136	16	-57.2	5.0	9	51	337	4	
300	9401	0	-42.4		1	83	280	33	300	8527	6	-55.7		6	79	6	13	300	8551	10	-58.2	3.9	9	16	340	3	
500	5751	0	-15.4	22.5	2	85	265	13	500	5167	6	-38.4	5.2	6	67	14	10	500	5181	5	-38.8	4.7	5	20	157	3	
700	3122	0	1.8	16.7	4	80	244	9	700	2778	6	-23.8	5.8	6	54	28	6	700	2796	5	-23.8	5.4	5	26	156	3	
850	1531	0	11.1	10.5	2	59	212	6	850	1341	6	-17.6	4.4	6	30	38	3	850	1362	5	-18.8	4.5	5	24	198	2	
940	* 687		14.4	5.7					1011	* 47		-19.8	2.3					1018	* 33		-29.1	2.9					

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>NAR'JAN-MAR</b> 23205 NOV 2003 6738N 05302E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SALEHARD</b> 23330 NOV 2003 6632N 06640E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>TURUHANSK</b> 23472 NOV 2003 6547N 08756E OB 3										
030	23065	6	-69.6		7	94	312	18	030																			
050	19996	3	-65.8		3	92	318	17	050	19816	5	-67.3	6.6	5	93	320	15	050	19654	12	-67.1	8.4	9	94	289	11		
100	15735	2	-60.3		2	93	320	17	100	15540	0	-61.5	6.1	0	94	329	15	100	15481	3	-60.2	8.1	4	86	317	8		
150	13192	2	-57.9		2	91	322	18	150	13008	0	-58.8	5.5	0	92	331	15	150	12937	3	-57.2	7.5	3	82	328	9		
200	11388	1	-58.7		1	84	323	19	200	11206	0	-59.1	4.8	0	86	328	16	200	11113	3	-56.6	6.1	3	72	328	9		
300	8827	0	-52.8		0	73	322	19	300	8667	0	-55.6	4.4	0	74	330	17	300	8550	2	-56.0	4.9	2	55	325	10		
500	5360	0	-29.6	5.3	0	66	318	12	500	5259	0	-33.4	5.1	0	70	328	12	500	5181	2	-38.0	5.5	2	42	313	6		
700	2889	0	-15.6	5.5	0	61	307	8	700	2832	0	-19.7	4.8	0	67	335	8	700	2797	0	-24.6	4.8	0	36	271	3		
850	1402	0	-8.3	4.3	0	51	286	5	850	1375	0	-13.9	3.6	0	52	329	5	850	1366	0	-19.1	4.3	0	31	227	2		
1015	* 12		-6.6	2.3					1017	* 16		-18.4	2.6															
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SYKTYVKAR</b> 23804 NOV 2003 6140N 05051E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HANTY-MANSIJSK</b> 23933 NOV 2003 6101N 06902E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OLENEK</b> 24125 NOV 2003 6830N 11226E OB 3										
030	23153	11	-67.8	8.0	9	92	302	21	030	23093	20	-67.0		9	95	291	19	030	22822	17	-66.7	8.0	9	94	237	12		
050	20073	1	-65.9	7.3	1	91	313	19	050	20009	10	-64.9		9	87	310	15	050	19675	8	-66.1	7.2	9	87	242	9		
100	15820	0	-61.0	6.7	0	92	320	17	100	15713	9	-59.7		9	88	318	15	100	15402	4	-60.8	6.5	7	50	228	3		
150	13286	0	-58.8	6.1	0	90	319	18	150	13153	8	-57.9		8	86	323	14	150	12868	4	-58.6	5.8	5	22	229	2		
200	11479	1	-58.8	5.2	0	82	320	19	200	11321	8	-57.0		7	78	324	14	200	11060	4	-58.4	4.7	5	22	182	2		
300	8920	1	-52.8	5.2	0	68	321	18	300	8763	6	-54.5		6	66	320	15	300	8532	4	-58.6	3.8	7	26	168	4		
500	5438	0	-27.9	7.8	0	58	312	11	500	5330	6	-32.2	4.9	7	62	322	11	500	5180	2	-37.7	5.2	5	30	216	4		
700	2944	0	-13.2	7.5	0	52	301	6	700	2879	5	-17.6	5.9	6	63	315	7	700	2792	3	-23.4	5.9	4	31	246	3		
850	1445	0	-6.7	4.9	0	39	283	4	850	1405	5	-11.2	6.0	7	66	308	6	850	1360	3	-18.7	4.2	3	31	255	2		
1007	* 116		-4.1	1.6					1015	* 46		-13.2	2.0															
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHOJANSK</b> 24266 NOV 2003 6734N 13324E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>TURA</b> 24507 NOV 2003 6416N 10014E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JAKUTSK</b> 24959 NOV 2003 6201N 12943E OB 0										
030	22991	8	-62.4	9.2	8	97	233	19	030	22820	6	-65.8	8.4	9	97	264	17	030	23178	11	-58.6	9.5	9	96	239	20		
050	19834	5	-61.1	8.5	5	93	229	14	050	19727	4	-64.6	8.1	4	91	267	12	050	19923	3	-58.3	9.0	3	91	245	16		
100	15514	4	-57.7	7.3	4	69	201	6	100	15443	3	-59.9	7.4	3	75	282	7	100	15532	0	-56.1	8.1	0	77	248	9		
150	12933	2	-56.9	6.1	2	47	165	3	150	12895	3	-57.4	6.4	3	64	293	6	150	12947	0	-54.5	7.0	0	55	258	5		
200	11119	2	-58.9	4.8	2	56	123	5	200	11073	4	-56.7	5.2	3	48	295	5	200	11107	0	-54.8	5.7	0	28	274	2		
300	8592	2	-57.4	4.3	2	69	104	9	300	8519	3	-58.3	3.7	3	33	290	5	300	8543	0	-57.3	4.2	0	30	56	3		
500	5225	0	-35.8	5.3	1	62	98	8	500	5188	2	-39.5	4.2	2	26	272	4	500	5184	0	-37.4	5.0	0	52	4	4		
700	2807	0	-21.9	5.1	0	64	85	5	700	2811	2	-24.7	4.8	2	33	253	3	700	2793	1	-24.1	4.6	1	73	344	5		
850	1370	0	-19.8	2.9	2	44	56	3	850	1363	2	-19.6	4.0	2	27	235	2	850	1370	0	-20.8	3.5	1	83	321	6		
1007	* 138		-34.4	2.9					1000	* 168		-29.1	3.4															

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SEJMCHAN</b> 25703 NOV 2003 6255N 15225E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KORF</b> 25954 NOV 2003 6021N 16600E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHNEE DUBROVO</b> 28445 NOV 2003 5644N 06104E OB 0									
030	23330	4	-54.7	10.0	4	97	243	27	030	23446	12	-53.8	10.7	9	97	246	22	030	23170	4	-66.2	7.8	4	95	290	25	
050	20052	3	-54.7	9.3	3	95	238	20	050	20200	7	-53.5	9.8	7	96	242	18	050	20064	2	-64.6	7.4	3	94	298	21	
100	15610	1	-53.5	8.2	1	79	226	11	100	15722	6	-51.6	8.8	6	86	234	13	100	15789	0	-60.0	7.0	0	91	310	18	
150	12993	1	-52.2	7.3	1	60	219	7	150	13097	5	-50.3	7.6	5	72	232	10	150	13248	0	-58.2	6.2	0	90	314	17	
200	11131	1	-52.2	6.0	1	42	200	5	200	11217	4	-50.9	6.3	4	65	232	11	200	11440	0	-59.1	5.3	0	82	317	17	
300	8527	0	-55.1	4.1	0	35	153	7	300	8597	4	-53.1	4.4	4	33	241	7	300	8882	0	-53.0	4.9	0	70	315	17	
500	5158	0	-37.9	3.8	0	38	118	6	500	5196	5	-34.9	4.5	4	12	221	2	500	5419	0	-29.6	6.6	0	70	315	12	
700	2768	0	-23.6	3.4	0	58	84	6	700	2770	4	-19.0	4.9	4	10	212	1	700	2943	0	-14.7	7.5	0	68	307	8	
850	1335	0	-20.9	3.0	0	79	31	7	850	1302	4	-11.3	4.1	5	37	56	4	850	1454	0	-9.2	5.6	0	66	304	7	
991	* 205		-24.3	3.9					1005	* 4		-7.4	4.3						988	* 290		-8.4	3.0				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OMSK</b> 28698 NOV 2003 5456N 07324E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KOLPASEVO</b> 29231 NOV 2003 5819N 08254E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>EMEL'JANOVO</b> 29572 NOV 2003 5611N 09237E OB 0									
030	23140	2	-63.2	8.0	2	95	280	27	030	22935	20	-64.8	8.4	9	98	273	34	030	23137	18	-57.6	11.2	9	98	265	24	
050	19999	2	-63.0	7.5	2	93	286	23	050	19801	16	-64.2	8.3	9	98	278	25	050	19950	3	-61.2	9.3	4	96	274	21	
100	15720	0	-59.4	6.7	0	90	293	19	100	15525	16	-60.2	7.6	9	95	285	18	100	15624	0	-58.8	7.7	0	91	281	18	
150	13170	0	-57.6	5.9	0	89	295	19	150	12976	15	-57.8	6.7	9	91	288	16	150	13071	0	-56.9	6.4	0	87	285	17	
200	11359	0	-58.5	4.9	0	85	298	18	200	11162	15	-57.9	5.7	9	83	295	15	200	11249	0	-57.4	5.1	0	80	288	17	
300	8805	0	-53.6	4.2	0	77	301	18	300	8609	15	-55.9	4.5	9	69	300	14	300	8698	0	-56.7	4.0	0	77	285	20	
500	5368	0	-31.1	4.9	0	74	299	13	500	5222	15	-36.7	5.0	9	70	295	11	500	5308	0	-35.1	4.7	0	74	279	15	
700	2914	0	-16.3	7.5	0	72	290	9	700	2819	15	-22.6	5.7	9	67	291	8	700	2891	0	-20.7	4.8	0	83	270	12	
850	1438	0	-10.8	7.7	0	70	291	8	850	1377	15	-17.3	4.9	9	59	281	5	850	1436	0	-14.1	6.2	0	83	264	11	
1013	* 90		-12.0	1.9					1012	* 75		-19.5	3.4						999	* 206		-12.4	4.1				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KIRENSK</b> 30230 NOV 2003 5746N 10804E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>CHITA</b> 30758 NOV 2003 5205N 11329E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ALDAN</b> 31004 NOV 2003 5837N 12522E OB 3									
030	23226	7	-56.9	9.0	8	98	254	23	030	23431	9	-51.3	15.3	9	98	251	25	030	23256	7	-54.9	10.7	7	96	242	26	
050	19962	1	-58.7	7.5	2	96	262	18	050	20148	6	-54.2	13.9	6	97	259	20	050	19996	4	-55.6	9.6	4	93	247	18	
100	15587	0	-56.9	6.4	0	93	270	14	100	15729	2	-54.9	11.2	2	98	271	21	100	15578	2	-54.7	8.3	2	90	259	12	
150	13010	0	-55.7	5.6	0	85	277	13	150	13129	1	-54.0	9.5	1	96	270	21	150	12979	2	-53.8	7.2	2	81	269	9	
200	11179	0	-55.9	4.5	0	81	280	12	200	11288	0	-54.6	7.6	0	93	277	21	200	11133	2	-54.3	5.8	2	78	280	8	
300	8621	0	-58.0	3.3	0	69	280	12	300	8716	0	-55.6	5.8	0	81	283	21	300	8565	2	-57.2	4.3	2	62	310	8	
500	5263	0	-37.5	3.5	0	66	280	9	500	5318	0	-34.1	6.2	0	76	297	12	500	5205	0	-37.8	5.2	0	73	317	7	
700	2866	0	-22.8	4.2	0	70	267	6	700	2895	0	-19.8	6.2	0	67	308	7	700	2825	0	-25.2	4.9	1	81	321	7	
850	1425	0	-17.2	3.4	0	74	250	6	850	1443	0	-15.6	4.2	1	47	322	4	850	1406	0	-21.8	3.6	1	78	302	6	
993	* 259		-21.2	1.8					942	* 671		-20.1	2.5						938	* 79		-23.6	2.9				

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>BLAGOVESCENSK</b> 31510 NOV 2003 5032N 12730E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HABAROVSK</b> 31736 NOV 2003 4832N 13514E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VLADIVOSTOK (SAD GOROD)</b> 31977 NOV 2003 4316N 13203E OB 3								
030									030	23698	19	-52.7	11.2	9	98	244	16	030	23752	18	-53.1	11.7	9	94	260	13
050	20231	22	-49.9	9.7	9	99	246	29	050	20399	12	-54.0	10.7	9	98	248	22	050	20495	15	-56.4	10.7	9	97	266	23
100	15712	21	-51.9	8.4	9	99	251	28	100	15925	6	-53.9	9.0	6	98	260	29	100	16094	14	-55.9	9.7	9	99	264	35
150	13086	21	-51.9	7.4	9	98	254	26	150	13309	5	-52.5	7.7	5	97	262	32	150	13511	11	-54.1	8.6	9	99	262	42
200	11223	21	-52.5	6.1	9	97	256	27	200	11443	3	-53.5	6.3	3	95	264	34	200	11665	7	-53.9	7.7	7	98	260	46
300	8678	14	-54.2	5.5	9	85	264	22	300	8830	2	-50.2	5.5	2	91	267	32	300	9040	5	-46.7	7.3	4	96	261	38
500	5299	6	-33.7	6.1	5	83	275	15	500	5352	2	-29.8	6.3	2	87	270	22	500	5497	3	-24.4	8.9	4	92	269	24
700	2869	2	-20.4	6.0	2	80	274	9	700	2887	1	-16.8	6.7	1	82	270	12	700	2979	2	-10.1	9.8	4	87	272	16
850	1413	1	-15.0	4.9	1	63	291	6	850	1414	2	-11.2	7.1	2	83	267	9	850	1476	1	-6.6	8.3	2	72	314	9
1001	* 177		-15.1	4.2					1012	* 72		-10.2	4.8					1014	* 82		-2.0	6.0				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JUZHNO-SAHALINSK</b> 32150 NOV 2003 4657N 14243E OB 1									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>PETROPAPLOVSK-KAMCATSKIJ</b> 32540 NOV 2003 5305N 15835E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ORENBURG</b> 35121 NOV 2003 5141N 05506E OB 3								
030	23651	18	-52.4	12.3	9	98	258	15	030	23691	4	-50.9	12.8	4	92	246	16	030	23315	8	-63.9	9.9	8	94	289	23
050	20371	16	-54.5	11.5	9	98	259	21	050	20367	2	-51.7	12.1	2	94	246	18	050	20194	2	-62.9	9.6	2	91	296	17
100	15941	10	-54.1	10.4	9	97	259	31	100	15863	1	-50.5	10.7	1	94	250	22	100	15918	0	-60.0	9.0	0	89	304	14
150	13345	6	-53.5	9.3	6	97	261	36	150	13218	0	-49.7	9.6	0	93	251	24	150	13379	0	-58.3	8.2	0	87	309	14
200	11502	3	-53.6	8.2	3	93	265	38	200	11339	0	-49.9	8.4	0	91	253	27	200	11574	0	-58.8	7.2	0	76	312	15
300	8892	3	-49.4	7.6	3	90	265	39	300	8696	0	-49.3	6.9	0	79	255	24	300	9015	0	-51.6	7.1	0	59	311	14
500	5396	3	-27.7	9.2	3	88	266	24	500	5248	0	-32.2	7.3	0	79	251	15	500	5513	0	-25.3	8.3	0	54	310	10
700	2910	3	-13.6	7.7	3	88	264	16	700	2808	0	-17.8	6.3	0	75	268	12	700	2998	0	-10.5	9.3	0	42	301	5
850	1419	2	-7.9	4.6	5	80	271	10	850	1336	0	-9.7	4.5	0	73	286	9	850	1490	0	-5.4	8.2	0	20	268	2
1015	* 24		-1.7	2.9					998	* 84		-2.6	6.1					1012	* 117		-3.8	2.7				
<b>ASIA - SAUDI ARABIA</b> <b>HAFR AL-BATIN</b> 40373 NOV 2003 2820N 04607E OB									<b>ASIA - SAUDI ARABIA</b> <b>TABUK</b> 40375 NOV 2003 2822N 03636E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>HAIL</b> 40394 NOV 2003 2726N 04141E OB 3								
030	23717	18	-57.4	24.8	9	88	246	7	030	23715	5	-58.6	23.8	5	80	264	9	030	23739	6	-57.9	24.4	7	74	265	7
050	20558	16	-64.5	22.1	9	89	266	8	050	20548	5	-64.8	19.9	5	86	270	8	050	20583	6	-64.9	20.2	7	82	267	8
100	16388	14	-68.6	14.2	9	97	266	25	100	16368	4	-68.2	15.5	4	95	271	26	100	16418	2	-69.6	15.3	2	98	270	26
150	13952	12	-63.2	12.7	9	97	264	32	150	13916	4	-63.6	14.3	4	96	272	33	150	13986	2	-63.8	14.5	2	97	267	32
200	12169	12	-58.7	11.6	9	97	264	31	200	12129	4	-57.5	13.9	4	95	270	32	200	12202	2	-57.3	13.0	2	96	269	31
300	9499	10	-39.8	12.3	9	95	262	25	300	9473	4	-39.8	15.4	4	92	268	25	300	9541	2	-39.2	12.3	2	93	263	25
500	5805	10	-12.1	18.0	9	92	257	15	500	5780	4	-12.2	21.8	4	89	269	13	500	5837	2	-11.5	16.1	2	93	258	14
700	3150	10	4.1	13.6	9	68	263	8	700	3122	4	5.1	21.9	4	80	232	5	700	3178	2	4.7	9.5	2	91	241	8
850	1538	11	15.5	16.0	9	45	270	3	850	1511	4	15.3	14.2	4	41	145	2	850	1557	2	15.2	13.9	2	62	161	3
974	* 358		23.5	21.2					929	* 768		19.9	15.0					905	*1013		18.5	15.0				

# 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 - SAUDI ARABIA</b> <b>KING FAHAD INT. AIRPORT</b> 40417 NOV 2003 2627N 04949E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>MADINAH</b> 40430 NOV 2003 2433N 03942E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>KING KHALED INT. AIRPORT</b> 40437 NOV 2003 2456N 04643E OB 3								
030	23749	16	-57.5	24.4	9	73	253	5	030	23731	8	-57.0	24.8	8	51	262	4	030	23773	13	-57.4	25.0	9	55	254	4
050	20581	15	-64.6	18.4	9	87	251	6	050	20567	6	-65.8	20.0	6	64	263	3	050	20602	13	-65.6	19.9	9	64	263	4
100	16431	2	-71.1	13.1	2	98	260	27	100	16425	3	-71.4	14.6	5	95	268	23	100	16469	4	-71.9	14.1	3	98	260	24
150	13995	2	-64.0	12.7	2	97	262	35	150	14006	3	-64.0	14.2	3	97	270	31	150	14035	3	-64.0	13.6	3	97	261	31
200	12208	2	-57.2	11.7	2	96	263	33	200	12226	3	-56.7	13.3	3	96	273	31	200	12250	3	-56.7	13.3	3	96	264	29
300	9544	2	-38.4	12.4	2	96	263	26	300	9556	3	-37.6	13.0	3	95	267	25	300	9576	3	-37.9	12.3	3	95	261	24
500	5831	2	-10.5	18.3	2	93	264	14	500	5828	2	-9.7	20.1	2	94	260	13	500	5848	3	-9.5	21.3	3	94	264	13
700	3162	2	6.0	15.5	2	83	275	8	700	3152	2	6.4	11.6	2	86	209	8	700	3175	2	6.0	13.6	2	74	267	5
850	1544	2	15.4	15.8	2	60	299	4	850	1524	2	18.9	15.5	2	59	146	3	850	1546	2	16.9	15.9	2	34	204	2
1014	* 12		23.0	14.8					942	* 636		26.4	20.2					947	* 612		22.8	19.2				
<b>ASIA - SAUDI ARABIA</b> <b>JEDDAH (KING ABDUL AZIZ INT.</b> 41024 NOV 2003 2142N 03911E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>ABHA</b> 41112 NOV 2003 1814N 04239E OB									<b>ASIA - UNITED ARAB EMIRATES</b> <b>ABU DHABI INTER. AIRPORT</b> 41217 NOV 2003 2426N 05439E OB 3								
030	23759	5	-57.4	22.9	5	62	105	3	030	23719	8	-57.6	23.4	8	98	93	10	030	23740	20	-59.4		9	72	130	4
050	20594	5	-66.1	16.5	5	24	88	1	050	20566	8	-66.5	18.9	8	86	99	5	050	20584	4	-65.1		6	43	236	3
100	16508	2	-74.3	10.8	2	91	271	18	100	16525	3	-76.8	11.9	3	86	258	12	100	16474	0	-72.9		1	95	259	25
150	14099	2	-65.2	11.4	2	97	270	28	150	14138	3	-66.2	12.4	3	97	268	23	150	14054	0	-64.6		1	94	255	34
200	12310	2	-55.7	12.4	2	95	276	29	200	12347	3	-54.3	13.7	4	95	271	24	200	12265	0	-56.3	14.7	1	93	253	35
300	9618	2	-36.0	13.5	2	94	270	22	300	9640	3	-34.5	16.4	3	90	264	15	300	9585	0	-37.0	14.2	1	95	260	26
500	5860	2	-7.5	21.2	2	87	255	11	500	5863	3	-6.6	20.0	4	72	249	6	500	5845	0	-8.8	27.2	0	95	265	14
700	3162	2	8.4	14.2	2	82	195	7	700	3170	2	9.7	11.0	2	28	185	1	700	3161	0	7.1	18.8	0	78	284	6
850	1524	2	19.4	9.4	2	74	166	5	795	*2093		17.8	13.0					850	1536	0	16.9	16.9	0	44	309	3
1010	* 17		29.4	6.3														1012	* 27		26.0	7.6				
<b>ASIA - OMAN</b> <b>SEEB, INTERNATIONAL AIRPORT</b> 41256 NOV 2003 2335N 05817E OB 1									<b>ASIA - OMAN</b> <b>SALALAH</b> 41316 NOV 2003 1702N 05405E OB 3									<b>ASIA - BANGLADESH</b> <b>DHAKA</b> 41923 NOV 2003 2346N 09023E OB /								
030									030	23738	14	-57.9	30.3	9	98	100	12	030	23793	17	-57.3		9	56	92	4
050	20617	10	-64.5	17.7	9	16	243	5	050	20575	6	-66.1	20.7	7	83	88	6	050	20640	16	-64.3		9	50	282	3
100	16522	2	-74.4	17.9	2	96	258	23	100	16544	3	-78.5	15.4	3	77	241	9	100	16557	16	-80.0		9	94	258	18
150	14116	0	-65.5	11.4	1	98	254	35	150	14174	2	-67.3	14.8	3	93	246	17	150	14173	15	-66.1		9	96	261	27
200	12328	0	-56.4	15.0	1	92	251	38	200	12388	1	-54.3	17.5	4	89	249	18	200	12375	15	-53.2		9	94	263	29
300	9634	0	-36.0	19.0	1	95	259	27	300	9666	1	-33.2	21.2	5	75	252	11	300	9645	15	-33.0	23.3	9	91	271	26
500	5876	0	-8.0	35.0	2	92	266	13	500	5873	1	-5.9	28.2	4	15	26	1	500	5853	15	-6.4	29.3	9	94	277	16
700	3179	0	7.8	16.0	1	76	298	7	700	3160	1	9.4	28.9	4	75	93	4	700	3142	15	10.0	35.2	9	89	287	8
850	1553	0	17.4	17.2	1	31	312	5	850	1531	1	17.1	13.4	4	86	44	6	850	1520	15	14.2	14.0	9	63	339	3
1015	* 8		22.1	8.1					1011	* 20		21.0	8.0					1013	* 9		19.8	1.8				



# UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
ASIA - INDIA SRINAGAR 42027 NOV 2003 3405N 07450E OB 3									ASIA - INDIA NEW DELHI/SAFDARJUNG 42182 NOV 2003 2835N 07712E OB 3									ASIA - INDIA JODHPUR 42339 NOV 2003 2618N 07301E OB 3										
030									030									030										
050									050									050										
100									100	16535	8	-69.2						100	16542	9	-69.5							
150	13791	8	-63.3						150	14094	4	-61.7						150	14075	9	-64.7							
200	12004	2	-58.7						200	12274	3	-50.8			3	89	295	29	200	12278	5	-54.1			9	96	271	34
300	9400	1	-43.9	5.8	9	96	255	22	300	9561	1	-35.5	14.0	2	86	297	26	300	9565	2	-36.5	3.0	9	82	270	26		
500	5754	0	-6.7	18.4	9	87	245	8	500	5810	1	-9.4	17.2	1	90	296	15	500	5825	1	-9.5	14.1	0	89	265	16		
700	3129	0	3.0	6.7	9	58	110	2	700	3131	0	6.2	17.2	0	79	307	7	700	3138	0	6.7	17.2	0	87	261	6		
845	*1587		7.6	6.0					850	1535	0	15.5	12.5	0	79	312	4	850	1520	0	16.2	18.8	0	45	251	2		
									982	* 216		18.3	8.3					988	* 224		23.6	19.6						
ASIA - INDIA LUCKNOW/AMAUSI 42369 NOV 2003 2645N 08053E OB 3									ASIA - INDIA GAUHATI 42410 NOV 2003 2606N 09135E OB 3									ASIA - INDIA PATNA 42492 NOV 2003 2536N 08506E OB 3										
030									030									030										
050									050									050										
100									100									100	16439	2	-75.8							
150									150									150	14080	0	-66.1							
200	12146	9	-56.1	7.8					200									200	12257	0	-53.2							
300	9484	2	-38.1	14.6	2	88	275	27	300	9537	1	-35.9		9	92	260	33	300	9557	0	-35.2		5	95	272	21		
500	5765	0	-11.7	20.8					500	5792	0	-8.1		0	93	256	18	500	5807	0	-8.6		0	99	281	18		
700	3100	0	5.4	12.7	1	97	293	12	700	3107	0	4.4	11.3	0	79	258	5	700	3116	0	7.3		0	96	297	9		
850	1494	0	12.8	7.9	0	74	271	7	850	1504	0	13.0	5.4	0	24	273	1	850	1504	0	13.6	15.5	0	73	295	4		
999	* 128		19.6	5.6					1008	* 54		21.0	1.9					1007	* 60		19.5	2.3						
ASIA - INDIA CALCUTTA/DUM DUM 42809 NOV 2003 2239N 08827E OB 3									ASIA - INDIA NAGPUR SONEGAON 42867 NOV 2003 2106N 07903E OB 3									ASIA - INDIA BHUBANESWAR 42971 NOV 2003 2015N 08550E OB 3										
030									030									030										
050	20597	0	-61.1		1	19	29	1	050	20557	9	-65.1						050	20629	8	-64.2							
100	16479	0	-77.1		0	86	266	10	100	16510	3	-78.2						100	16573	2	-77.5							
150	14117	0	-68.6		0	74	266	20	150	14154	0	-68.1						150	14210	1	-67.4							
200	12340	0	-55.3		0	91	268	25	200	12374	0	-54.6			4	98	253	20	200	12424	0	-53.3		4	94	258	19	
300	9630	0	-34.1		0	91	274	24	300	9657	0	-33.4			3	97	257	22	300	9683	0	-32.1		0	94	263	15	
500	5847	0	-6.4		0	88	285	14	500	5867	0	-5.7			0	86	281	8	500	5879	0	-4.8		0	89	282	7	
700	3139	0	10.1	19.0	0	93	303	8	700	3152	0	9.6	19.8	0	72	319	3	700	3154	0	10.9		0	78	312	5		
850	1511	0	14.9	5.6	0	81	344	4	850	1527	0	15.9	9.7	0	64	33	2	850	1518	0	16.3	10.5	0	77	355	4		
1012	* 6		22.7	4.9					979	* 310		22.0	5.3					1008	* 46		22.4	3.8						

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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>BOMBAY/SANTACRUZ</b> 43003 NOV 2003 1907N 07251E OB 3									<b>ASIA - INDIA</b> <b>HYDERABAD AIRPORT</b> 43128 NOV 2003 1727N 07828E OB 3									<b>ASIA - INDIA</b> <b>CWC VISHAKHAPATNAM/WALTAIR</b> 43150 NOV 2003 1742N 08318E OB 3								
030									030									030								
050	20606	8	-75.5						050									050								
100	16509	6	-78.8		3	72	241	4	100									100	16556	0	-80.7		0	50	205	3
150	14152	3	-66.9		3	92	241	13	150	14193	9	-68.2		9	93	241	12	150	14200	0	-67.4		0	94	227	11
200	12358	2	-54.7		1	95	240	16	200	12411	1	-54.4		6	90	245	13	200	12409	0	-53.0		0	96	241	11
300	9636	1	-32.9		1	81	254	10	300	9682	0	-32.0		5	79	264	7	300	9672	0	-31.7		0	78	246	6
500	5841	0	-5.7		0	28	243	2	500	5874	0	-5.1		5	27	73	1	500	5861	0	-5.1	16.8	0	10	327	1
700	3126	0	9.4	17.0	0	39	55	2	700	3153	0	10.5	18.2	5	56	55	3	700	3138	0	10.8	18.1	0	56	3	3
850	1495	0	18.3	11.1	1	61	88	3	850	1517	0	17.5	7.8	5	92	74	5	850	1500	0	17.3	10.7	0	87	21	5
1008	* 14		27.6	8.5					952	* 545		22.7	7.3					1005	* 66		25.3	6.2				
<b>ASIA - INDIA</b> <b>MADRAS/MINAMBAKKAM</b> 43279 NOV 2003 1300N 08011E OB 3									<b>ASIA - INDIA</b> <b>PORT BLAIR</b> 43333 NOV 2003 1140N 09243E OB 3									<b>ASIA - INDIA</b> <b>COCHIN/WILLINGDON</b> 43353 NOV 2003 0957N 07616E OB 3								
030									030									030								
050	20689	5	-63.4		5	95	87	11	050	20559	8	-58.7						050								
100	16574	5	-78.3		5	81	103	5	100	16509	5	-79.9						100								
150	14212	4	-66.9		4	82	152	6	150	14168	1	-70.1		9	90	136	8	150								
200	12419	2	-53.0		2	75	163	7	200	12397	1	-55.1		7	63	49	4	200	12411	9	-54.4					
300	9679	0	-31.7		0	58	119	4	300	9667	0	-31.7		6	65	90	4	300	9667	5	-30.9	10.3				
500	5868	0	-5.1	11.5	0	86	91	8	500	5852	0	-6.5	11.2	3	94	88	7	500	5845	0	-4.8	8.6				
700	3151	0	9.7	12.0	0	92	82	6	700	3139	0	9.4	11.2	1	93	83	5	700	3124	0	9.7	6.4				
850	1513	0	18.0	7.1	0	94	55	7	850	1503	0	17.3	4.9	0	95	83	7	850	1492	0	18.2	5.0				
1009	* 16		25.9	4.3					1001	* 79		27.0	3.6					1009	* 3		28.9	5.2				
<b>ASIA - INDIA</b> <b>THIRUVANANTHAPURAM</b> 43371 NOV 2003 0829N 07657E OB 3									<b>ASIA - HONG KONG, CHINA</b> <b>KING'S PARK</b> 45004 NOV 2003 2219N 11410E OB 1									<b>ASIA - REPUBLIC OF KOREA</b> <b>OSAN AB</b> 47122 NOV 2003 3706N 12702E OB 3								
030	23557	8	-61.4		9	97	110	23	030	23767	0	-58.1	30.3	0	92	88	8	030	23809	1	-54.3	26.7	1	66	268	5
050	20654	5	-68.3		7	92	116	14	050	20606	0	-65.6	24.1	0	63	86	3	050	20573	0	-59.6	24.7	0	95	258	14
100	16560	2	-81.3		3	79	143	6	100	16601	0	-80.3	16.7	0	92	236	12	100	16287	0	-63.5	23.6	0	98	262	41
150	14208	0	-67.4		1	90	141	9	150	14240	0	-66.4	17.4	0	92	238	18	150	13780	0	-58.4	24.1	0	98	260	54
200	12412	0	-52.1		1	86	130	10	200	12440	0	-52.5	19.4	0	95	250	19	200	11943	0	-52.8	23.8	0	98	260	56
300	9660	0	-29.9	8.5	1	63	127	5	300	9695	0	-31.2	23.4	0	93	259	16	300	9278	0	-43.3	19.8	0	97	260	40
500	5825	0	-5.1	5.3	1	77	102	6	500	5873	0	-4.6	27.9	0	90	254	11	500	5655	0	-18.3	21.3	0	93	263	23
700	3110	0	9.3	5.9	0	87	100	6	700	3161	0	7.3	13.7	0	39	233	3	700	3064	0	-3.2	18.6	0	81	270	10
850	1479	0	17.6	3.2	0	83	87	5	850	1539	0	14.6	7.3	1	52	72	3	850	1510	0	2.9	12.3	0	38	257	3
1002	* 64		26.5	2.9					1010	* 66		20.0	4.2					1016	* 52		7.7	4.9				

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# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
ASIA - REPUBLIC OF KOREA POHANG 47138 NOV 2003 3602N 12923E OB 3									ASIA - REPUBLIC OF KOREA KWANGJU AB 47158 NOV 2003 3507N 12649E OB 3									ASIA - JAPAN WAKKANAI 47401 NOV 2003 4525N 14141E OB 2								
030	23801	0	-55.4		0	61	293	4	030	23813	1	-55.2	24.8	1	47	296	3	030	23690	2	-52.2		3	94	259	12
050	20582	0	-60.8		0	95	262	12	050	20590	1	-61.0	22.0	1	96	261	12	050	20414	0	-55.6		0	97	258	19
100	16337	0	-65.2		0	98	262	40	100	16358	1	-66.4	20.3	1	99	262	41	100	15997	0	-55.4		0	98	264	32
150	13844	0	-60.0		0	98	260	57	150	13876	1	-60.1	22.2	1	98	261	57	150	13406	0	-54.2		0	97	261	38
200	12018	0	-52.4		0	98	261	60	200	12046	0	-52.1	24.8	1	98	260	60	200	11558	0	-53.6		0	96	262	41
300	9335	0	-41.4	18.5	0	97	259	44	300	9360	0	-40.5	24.2	0	98	259	44	300	8950	0	-49.7		0	92	263	41
500	5690	0	-17.0	19.6	0	94	262	23	500	5703	0	-16.0	28.9	0	94	260	22	500	5439	0	-26.7	11.7	0	91	266	27
700	3086	0	-1.4	18.5	0	80	264	10	700	3088	0	-1.0	26.1	0	82	265	10	700	2942	0	-13.0	9.9	0	88	264	15
850	1521	0	4.3	10.5	0	21	314	2	850	1521	0	5.1	14.3	0	45	294	4	850	1442	0	-5.9	5.4	1	88	261	10
1022	* 6		11.5	5.3					1021	* 13		9.3	3.7					1017	* 11		4.2	6.3				
ASIA - JAPAN SAPPORO 47412 NOV 2003 4303N 14120E OB 2									ASIA - JAPAN NEMURO 47420 NOV 2003 4320N 14535E OB 2									ASIA - JAPAN AKITA 47582 NOV 2003 3943N 14006E OB 2								
030	23734	1	-52.9		1	95	268	10	030	23734	0	-54.5		0	88	261	9	030	23755	2	-55.2		2	86	275	7
050	20473	0	-57.1		0	97	259	18	050	20477	0	-56.8		0	98	260	17	050	20529	0	-59.5		0	97	261	15
100	16096	0	-57.4		0	98	263	34	100	16100	0	-57.1		0	98	264	33	100	16220	0	-61.4		0	97	264	39
150	13527	0	-55.9		0	97	263	45	150	13530	0	-55.6		0	97	266	43	150	13695	0	-58.2		0	98	265	54
200	11688	0	-54.4		0	96	263	46	200	11692	0	-54.6		0	96	262	47	200	11868	0	-54.1		0	96	261	52
300	9069	0	-47.4		0	92	262	42	300	9077	0	-47.1		0	91	263	42	300	9222	0	-43.8		0	92	259	43
500	5521	0	-23.7	12.0	0	93	264	27	500	5521	0	-23.4	11.6	0	93	261	27	500	5618	0	-20.1	15.5	0	93	262	26
700	2988	0	-9.0	16.0	0	90	268	16	700	2985	0	-9.0	15.6	0	91	267	16	700	3047	0	-5.1	17.8	0	90	265	16
850	1469	0	-3.5	6.6	0	70	261	9	850	1466	0	-2.7	6.7	0	78	260	8	850	1503	0	1.4	7.1	0	80	258	8
1017	* 26		5.8	5.7					1015	* 39		5.6	4.7					1021	* 7		9.1	5.2				
ASIA - JAPAN WAJIMA 47600 NOV 2003 3723N 13654E OB 2									ASIA - JAPAN TATENO 47646 NOV 2003 3603N 14008E OB 2									ASIA - JAPAN HACHIJOJIMA/OMURE 47678 NOV 2003 3307N 13947E OB 2								
030	23773	2	-55.9		2	87	279	6	030	23775	3	-56.7		3	72	288	4	030	23795	4	-57.3		5	26	337	2
050	20561	1	-60.8		1	96	258	14	050	20578	0	-62.0		1	94	259	11	050	20615	1	-64.6		1	77	257	7
100	16311	0	-64.9		0	98	262	40	100	16374	0	-67.5		0	97	264	39	100	16482	0	-71.5		0	97	264	34
150	13811	0	-59.4		0	98	264	56	150	13899	0	-60.4		0	97	267	55	150	14047	0	-62.5		1	97	268	51
200	11985	0	-53.1		0	97	262	59	200	12075	0	-52.8		0	97	266	59	200	12229	0	-52.0		0	97	269	56
300	9314	0	-42.0		0	95	260	45	300	9391	0	-40.1		0	95	264	44	300	9515	0	-36.5	15.7	0	96	267	43
500	5674	0	-17.4	17.5	0	92	263	24	500	5720	0	-15.4	17.3	0	93	261	24	500	5790	0	-11.7	15.2	0	91	260	23
700	3078	0	-2.7	15.1	0	86	258	11	700	3102	0	-.3	11.4	0	88	252	12	700	3134	0	3.2	12.7	0	77	247	10
850	1519	0	4.3	6.8	0	57	250	5	850	1527	0	6.4	3.7	0	42	240	4	850	1538	0	10.2	4.8	0	32	243	3
1020	* 14		11.5	3.6					1018	* 31		11.9	2.5					1000	* 153		18.4	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 - JAPAN</b> <b>YONAGO</b> 47744 NOV 2003 3526N 13321E OB 2									<b>ASIA - JAPAN</b> <b>SHIONOMISAKI</b> 47778 NOV 2003 3327N 13546E OB 2									<b>ASIA - JAPAN</b> <b>FUKUOKA</b> 47807 NOV 2003 3335N 13023E OB 2								
030	23782	2	-55.8		3	72	287	4	030	23781	2	-57.3		2	67	311	3	030	23782	1	-56.8		2	52	305	3
050	20581	1	-61.9		1	94	264	12	050	20602	2	-63.8		2	88	261	8	050	20593	0	-62.8		1	95	264	9
100	16377	0	-67.6		0	98	262	39	100	16457	0	-71.2		0	98	263	37	100	16426	0	-71.0		0	98	261	38
150	13904	0	-60.7		0	98	263	57	150	14020	0	-62.0		0	98	265	52	150	13982	0	-61.8		0	98	261	54
200	12082	0	-52.6		0	98	261	60	200	12201	0	-52.1		0	98	264	57	200	12161	0	-51.9		0	98	260	58
300	9390	0	-39.8		0	96	259	45	300	9487	0	-36.8	14.8	0	97	263	45	300	9449	0	-37.4		0	97	259	46
500	5718	0	-14.9	20.0	0	90	259	24	500	5772	0	-12.4	16.0	0	92	256	24	500	5749	0	-13.3	22.4	0	92	260	22
700	3099	0	-5	16.9	0	80	267	10	700	3127	0	2.3	14.3	0	82	259	11	700	3114	0	1.7	19.7	0	75	266	10
850	1527	0	6.0	6.7	0	30	246	3	850	1536	0	9.6	7.9	0	30	217	3	850	1530	0	7.8	7.8	0	40	270	4
1020	* 8		13.6	3.9					1012	* 75		16.9	3.5					1019	* 15		15.9	5.3				
<b>ASIA - JAPAN</b> <b>KAGOSHIMA</b> 47827 NOV 2003 3133N 13033E OB 2									<b>ASIA - JAPAN</b> <b>NAZE/FUNCHATOGE</b> 47909 NOV 2003 2823N 12933E OB 2									<b>ASIA - JAPAN</b> <b>ISHIGAKIJIMA</b> 47918 NOV 2003 2420N 12410E OB 2								
030	23781	1	-57.5		1	53	309	2	030	23777	1	-57.7		1	57	302	3	030	23783	2	-58.0		2	59	79	2
050	20606	1	-64.1		1	88	265	6	050	20612	0	-64.8		0	60	266	3	050	20614	2	-65.8		2	46	124	2
100	16499	0	-73.8		0	98	261	34	100	16569	0	-77.4		0	97	256	24	100	16618	0	-79.8		0	95	238	14
150	14080	0	-62.9		0	98	261	48	150	14180	0	-64.5		0	96	258	34	150	14248	0	-65.6		0	93	247	20
200	12262	0	-51.7		0	98	262	52	200	12370	0	-51.8		0	98	261	37	200	12443	0	-51.8		0	96	255	21
300	9535	0	-34.8	17.6	0	98	260	42	300	9628	0	-32.2	21.6	0	98	262	32	300	9692	0	-30.9	18.9	0	94	261	18
500	5793	0	-11.0	21.1	0	94	255	22	500	5842	0	-7.9	19.1	0	94	251	18	500	5874	0	-5.6	22.1	0	85	249	10
700	3134	0	3.6	21.3	0	78	261	9	700	3155	0	6.5	15.7	0	72	262	7	700	3165	0	8.4	10.0	0	52	206	4
850	1535	0	10.3	12.4	0	25	279	2	850	1542	0	12.3	4.4	0	23	353	2	850	1540	0	14.0	2.1	0	57	74	5
1016	* 31		18.6	5.9					984	* 295		19.4	3.1					1016	* 7		23.9	4.4				
<b>ASIA - JAPAN</b> <b>NAHA</b> 47936 NOV 2003 2612N 12741E OB 2									<b>ASIA - JAPAN</b> <b>MINAMIDAITOJIMA</b> 47945 NOV 2003 2550N 13114E OB 2									<b>ASIA - JAPAN</b> <b>CHICHIJIMA</b> 47971 NOV 2003 2705N 14211E OB 3								
030	23781	0	-58.0		0	20	333	1	030	23776	4	-57.9		4	11	297	1	030	23792	3	-58.0		4	34	346	2
050	20614	0	-65.4		0	13	270	1	050	20613	3	-66.0		4	14	149	1	050	20629	0	-66.4		0	16	60	1
100	16603	0	-78.9		0	97	249	19	100	16617	0	-79.2		1	93	249	16	100	16613	0	-78.3		0	93	269	19
150	14226	0	-65.3		0	95	254	26	150	14242	0	-65.3		0	93	257	23	150	14229	0	-65.0		0	96	272	26
200	12420	0	-51.8		0	98	258	27	200	12434	0	-51.6		0	97	262	24	200	12422	0	-51.9		0	96	277	28
300	9672	0	-31.4	20.7	0	97	261	24	300	9685	0	-31.2	17.7	0	94	265	20	300	9681	0	-32.0	18.1	0	96	270	23
500	5866	0	-7.0	19.6	0	94	252	13	500	5876	0	-6.7	15.7	0	90	254	11	500	5884	0	-7.3	19.4	0	92	267	11
700	3165	0	7.8	10.7	0	75	233	5	700	3171	0	8.6	12.9	0	55	227	3	700	3183	0	8.8	19.6	0	48	252	3
850	1544	0	13.4	2.3	0	33	57	3	850	1543	0	14.9	4.8	1	49	73	3	850	1557	0	14.3	3.3	0	46	124	3
1014	* 27		23.5	5.1					1015	* 20		23.5	2.7					1018	* 8		24.5	3.3				

# 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 - JAPAN</b> <b>MINAMITORISHIMA</b> <b>47991 NOV 2003 2418N 15358E OB 3</b>								<b>ASIA - THAILAND</b> <b>UBON RATCHATHANI</b> <b>48407 NOV 2003 1515N 10452E OB 1</b>								<b>ASIA - THAILAND</b> <b>BANGKOK</b> <b>48455 NOV 2003 1344N 10034E OB 1</b>										
030	23785	1	-58.0		1	49	63	3	030	23783	4	-57.3		4	99	90	15	030	23770	8	-58.0		9	99	85	17
050	20625	1	-68.0		1	65	93	4	050	20617	4	-66.7		4	98	85	8	050	20616	1	-67.3		1	96	85	9
100	16637	0	-78.5		0	85	307	11	100	16629	2	-81.8		2	78	135	5	100	16625	0	-82.3		0	89	115	7
150	14256	0	-64.9		0	94	305	19	150	14285	0	-66.2		1	57	190	4	150	14282	0	-66.4	13.3	0	66	165	5
200	12446	0	-51.3		0	96	306	20	200	12490	1	-51.6		0	43	210	3	200	12485	0	-51.7	14.9	0	40	185	2
300	9697	0	-31.8	25.2	0	94	305	18	300	9730	0	-29.4		0	20	80	1	300	9731	0	-29.4	19.9	0	52	80	3
500	5889	0	-5.3	33.5	0	74	316	7	500	5894	0	-3.5		0	73	80	4	500	5884	0	-3.5	22.2	0	81	75	5
700	3172	0	9.8	30.6	0	67	48	5	700	3166	0	11.0	10.2	0	44	85	2	700	3165	1	10.8	13.2	0	86	80	4
850	1546	0	14.3	4.0	0	90	74	8	850	1526	0	18.8	9.9	0	71	60	4	850	1528	1	18.8	7.4	0	93	65	5
1016	* 9		25.5	5.5					999	* 127		20.9	1.6					1012	* 20		24.8	2.9				
<b>ASIA - CHINA</b> <b>HAILAR</b> <b>50527 NOV 2003 4913N 11945E OB 3</b>								<b>ASIA - CHINA</b> <b>URUMQI</b> <b>51463 NOV 2003 4347N 08737E OB 3</b>								<b>ASIA - CHINA</b> <b>BEIJING</b> <b>54511 NOV 2003 3956N 11617E OB 3</b>										
030	23625	5	-50.0	7.2	5		252	24	030	23514	4	-56.6	6.7	4		268	22	030	23739	1	-53.1	17.1	1	93	258	14
050	20310	1	-52.8	6.6	3		258	23	050	20301	3	-60.1	6.6	3		270	23	050	20479	1	-58.3	15.7	1		259	20
100	15847	0	-53.8	6.0	0		265	24	100	15983	1	-60.3	6.0	1		276	26	100	16135	0	-59.1	18.7	0		263	34
150	13241	0	-53.4	5.6	0	96	267	26	150	13449	0	-59.0	6.5	0		277	29	150	13582	0	-57.1	18.4	0		263	43
200	11395	0	-54.8	5.2	0	93	268	27	200	11658	0	-62.3	6.7	0	97	273	30	200	11754	0	-56.2	17.1	0	98	262	42
300	8808	0	-53.3	4.4	0	91	271	29	300	9108	0	-51.1	5.2	0	96	275	27	300	9158	0	-48.2	15.1	0	97	268	33
500	5363	0	-31.5	4.8	0	90	280	19	500	5582	0	-24.2	6.8	0	95	286	18	500	5599	0	-22.0	17.1	0	90	272	19
700	2911	0	-17.9	4.9	0	83	286	10	700	3048	0	-8.3	8.2	0	63	311	5	700	3045	0	-6.9	17.9	0	83	277	10
850	1443	0	-12.8	3.7	0	50	279	4	850	1526	0	-4.4	5.4	0	17	63	1	850	1514	0	-2.4	13.1	0	67	290	6
948	* 611		-15.1	2.8					916	* 919		-4.9	4.4					1023	* 55		1.6	7.2				
<b>ASIA - CHINA</b> <b>LHASA</b> <b>55591 NOV 2003 2940N 09108E OB 3</b>								<b>ASIA - CHINA</b> <b>KUNMING</b> <b>56778 NOV 2003 2501N 10241E OB 3</b>								<b>ASIA - CHINA</b> <b>SHANGHAI</b> <b>58362 NOV 2003 3124N 12128E OB 3</b>										
030	23727	1	-56.7		1	38	263	3	030	23800	6	-56.4		9	80	90	4	030	23809	2	-57.2		2	50	59	2
050	20548	1	-66.2		1	90	276	9	050	20608	5	-64.7		9	75	269	3	050	20617	1	-63.1		1	89	246	8
100	16440	1	-71.3		1	92	269	33	100	16564	3	-77.1		9	95	253	20	100	16479	1	-71.9		1	97	256	35
150	13996	1	-62.5	7.4	1	92	267	45	150	14173	3	-64.9		3	97	252	33	150	14040	1	-62.1	23.3	1	98	254	50
200	12187	0	-53.9	10.4	0	94	271	47	200	12365	1	-52.5	15.0	1	94	262	34	200	12217	1	-51.3	24.5	1	98	254	54
300	9495	0	-38.1	11.7	0	97	275	35	300	9631	1	-32.6	18.2	1	97	264	31	300	9490	1	-35.4	26.7	1		254	46
500	5783	0	-10.0	14.0	0	90	260	9	500	5837	0	-6.5	22.3	0	95	270	19	500	5768	0	-12.5	27.3	0	95	255	20
655	*3650		-1.1	9.8					700	3139	0	5.3	7.7	0	89	262	8	700	3123	0	2.2	27.3	0	73	259	8
									814	*1892		9.9	3.0					850	1539	0	7.4	17.1	0	33	282	2
																		1023	* 4		12.3	3.0				

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED			
																											hPa	gpm	°C
<b>AFRICA - MADEIRA FUNCHAL</b> 08522 NOV 2003 3238N 01654W OB 3								<b>AFRICA - MOROCCO CASABLANCA</b> 60155 NOV 2003 3334N 00740W OB 1								<b>AFRICA - ALGERIA DAR-EL-BEIDA</b> 60390 NOV 2003 3643N 00315E OB 3													
030	23742	1	-57.7		2	72	266	4	030									030											
050	20561	1	-63.2		1	73	286	3	050									050	20530	9	-60.7		9	89	250	8			
100	16361	0	-68.0		0	88	296	5	100	16302	11	-65.5	27.3	9	84	293	12	100	16265	2	-63.9		2	83	270	12			
150	13912	0	-65.3		0	79	287	7	150	13811	9	-62.9	22.5	9	72	288	16	150	13763	1	-60.3		1	74	270	15			
200	12143	0	-59.5		0	67	301	7	200	12014	8	-57.9	18.0	9	55	302	17	200	11962	1	-58.3		1	65	270	18			
300	9498	0	-40.0		0	65	299	6	300	9373	7	-41.7	16.8	9	53	293	17	300	9339	0	-44.2		0	48	270	12			
500	5797	0	-11.7	20.2	0	65	302	5	500	5711	7	-14.4	19.9	9	66	288	13	500	5707	0	-16.6	16.0	0	50	270	8			
700	3134	0	5.3	23.6	0	48	313	3	700	3081	7	1.7	22.4	9	51	289	6	700	3092	0	.4	15.5	0	52	250	6			
850	1535	0	8.7	7.1	0	51	339	2	850	1496	7	8.8	11.2	9	63	282	5	850	1515	0	8.4	8.2	0	52	240	5			
1013	* 56		19.2	7.3					1009	* 62		15.7	3.0					1014	* 25		17.0	5.3							
<b>AFRICA - ALGERIA BECHAR</b> 60571 NOV 2003 3137N 00214W OB 3								<b>AFRICA - ALGERIA IN SALAH</b> 60630 NOV 2003 2712N 00228E OB 2								<b>AFRICA - ALGERIA TAMANRASSET</b> 60680 NOV 2003 2247N 00531E OB 3													
030									030	23778	7	-57.9		9	45	240	4	030											
050	20559	0	-61.8		0	83	260	9	050	20595	2	-62.0		5	86	260	9	050	20598	1	-64.6		2	26	260	2			
100	16324	0	-65.8		2	85	270	14	100	16389	0	-69.2		1	93	260	22	100	16462	0	-72.6		1	98	260	23			
150	13847	0	-62.9		0	82	270	19	150	13938	0	-63.4		0	93	260	28	150	14046	0	-66.0		0	97	260	34			
200	12055	0	-57.4		0	77	280	19	200	12153	0	-57.4		0	86	260	25	200	12264	0	-56.2		0	96	260	26			
300	9409	0	-41.5		0	68	280	15	300	9493	0	-39.6	19.5	0	79	260	11	300	9576	0	-36.8	21.2	1	94	260	11			
500	5748	0	-14.3	20.6	0	67	280	9	500	5799	0	-8.9	27.4	0	70	260	11	500	5839	0	-10.1	29.1	0	84	260	11			
700	3114	0	2.0	19.0	0	54	270	5	700	3144	0	5.1	22.1	1	77	250	10	700	3172	0	6.3	17.5	0	68	250	5			
850	1525	0	10.8	12.7	0	32	260	3	850	1531	0	14.7	20.7	1	23	260	2	850	1540	0	20.7	29.1	0	47	190	3			
926	* 773		15.3	10.9					985	* 293		24.4	15.5					868	*1378		20.5	23.8							
<b>AFRICA - NIGER NIAMEY-AERO</b> 61052 NOV 2003 1329N 00210E OB 2								<b>AFRICA - SENEGAL DAKAR/YOFF</b> 61641 NOV 2003 1444N 01730W OB 3								<b>AFRICA - OCEAN ISLANDS (FRANCE) MARTIN DE VIVIES (ILE AMSTER)</b> 61996 NOV 2003 3748S 07732E OB 2													
030	23728	8	-58.6						030	23740	0	-58.2	31.0	0	98	90	18	030	23804	8	-55.6								
050	20582	3	-67.4						050	20587	0	-66.6	26.7	0	92	90	8	050	20579	1	-60.4		3	88	280	8			
100	16551	2	-78.2						100	16531	0	-75.7	16.5	0	94	260	17	100	16300	0	-63.2		2	95	268	21			
150	14183	2	-68.3						150	14157	0	-68.4	13.8	0	93	270	27	150	13785	0	-59.5		2	93	267	29			
200	12401	2	-54.2						200	12381	0	-55.3	13.6	0	95	265	26	200	11978	0	-57.1		2	88	267	32			
300	9675	0	-32.4	17.7					300	9666	0	-33.3	16.3	0	91	260	18	300	9341	0	-42.2		2	87	272	28			
500	5869	0	-5.9	29.8					500	5871	0	-6.7	34.3	0	45	245	4	500	5684	0	-15.2	18.5	2	90	272	22			
700	3168	0	8.6	18.8					700	3173	0	8.1	14.6	0	55	125	4	700	3061	0	.3	17.1	2	91	275	16			
850	1526	0	22.0	26.8					850	1535	0	20.4	17.7	0	76	90	4	850	1483	0	6.7	7.4	2	86	285	12			
985	* 227		30.9	28.3					1010	* 24		26.6	5.7					1010	* 29		15.3	3.8							

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>AFRICA - OCEAN ISLANDS (FRANCE)</b> PORT-AUX-FRANCAIS (ILES KERG) 61998 NOV 2003 4921S 07015E OB 2									<b>AFRICA - EGYPT</b> MERSA MATRUH 62306 NOV 2003 3120N 02713E OB 3									<b>AFRICA - EGYPT</b> HELWAN 62378 NOV 2003 2952N 03120E OB 3									
030									030										030								
050	20356	4	-53.2		4	88	271	15	050	20610	3	-62.5	2.7	3	84	275	10	050	20603	0	-63.7	32.7	0	91	277	10	
100	15913	1	-54.3		2	94	269	25	100	16358	0	-65.9	18.1	0	97	273	22	100	16387	0	-67.1	30.7	0	96	276	19	
150	13314	0	-53.6		2	93	269	29	150	13880	0	-62.3	19.4	0	96	274	30	150	13906	0	-62.6	26.8	0	96	276	22	
200	11462	0	-53.5		2	90	268	33	200	12086	0	-57.4	16.6	0	95	273	31	200	12129	0	-56.9	20.7	0	94	276	23	
300	8834	0	-47.8		2	85	270	32	300	9438	0	-40.9	17.8	0	94	274	25	300	9473	0	-39.3	20.7	0	93	275	18	
500	5311	0	-25.9	13.0	2	84	269	22	500	5768	0	-14.1	23.5	0	86	282	11	500	5780	0	-12.3	30.6	0	87	274	10	
700	2797	0	-10.4	14.8	2	86	268	16	700	3127	0	2.8	23.0	0	77	299	6	700	3123	0	5.1	30.8	0	69	297	4	
850	1282	0	-4.0	5.0	2	86	271	13	850	1535	0	10.8	13.0	0	67	327	4	850	1520	0	12.5	14.2	0	54	19	3	
994	* 30		6.7	5.7					1015	* 29		20.4	10.1					9999	* 141		21.1	12.4					
<b>AFRICA - EGYPT</b> ASSWAN 62414 NOV 2003 2358N 03247E OB 3									<b>AFRICA - SUDAN</b> KHARTOUM 62721 NOV 2003 1536N 03233E OB 3									<b>AFRICA - ETHIOPIA</b> ADDIS ABABA-BOLE 63450 NOV 2003 0902N 03845E OB 2									
030	23797	0	-57.5		0	57	265	4	030									030									
050	20628	0	-64.2		0	95	270	5	050	20580	5	-66.7		9	95	90	19	050	20530					4	71	95	5
100	16486	0	-71.4		0	92	270	26	100	16545	1	-75.5		5	54	280	24	100	16550	11	-81.1		4	50	170	2	
150	14057	0	-64.1		0	94	270	37	150	14173	1	-66.9		3	94	275	35	150	14190	0	-68.1		3	64	275	4	
200	12264	0	-54.6	17.2	2	89	265	37	200	12384	0	-54.1		2	92	280	37	200	12410	11	-54.1		3	60	270	3	
300	9558	0	-35.2	15.1	0	91	265	28	300	9641	0	-32.7	26.9	3	69	285	29	300	9674	0	-32.1		0	13	295	1	
500	5806	0	-7.9	37.6	0	94	260	15	500	5859	0	-6.1	31.4	3	38	245	13	500	5860	0	-6.1	28.1	2	75	105	3	
700	3116	0	8.5	41.3	0	87	255	6	700	3147	0	11.2	23.8	5	33	285	25	700	3149	0	11.0	1.1	2	99	100	3	
850	1497	0	15.5	14.9	0	37	330	2	850	1494	0	22.4	21.3	5	78	35	9	772	*2354		25.0	14.0					
989	* 194		23.4	18.1					964	* 380		35.4	28.6														
<b>AFRICA - SEYCHELLES</b> SEYCHELLES INT. AIRPORT 63985 NOV 2003 0440S 05532E OB 3									<b>AFRICA - CENTRAL AFRICAN REPUBLIC</b> BANGUI 64650 NOV 2003 0424N 01831E OB /									<b>AFRICA - CHAD</b> NDJAMENA 64700 NOV 2003 1208N 01502E OB /									
030	23642	0	-59.6	30.3	1	99	90	30	030									030	23715	12	-58.8	30.6	3	98	90	23	
050	20528	0	-70.8	20.4	1	98	90	17	050									050	20565	0	-67.8	17.1	0	91	80	11	
100	16551	0	-81.9	14.8	1	53	64	6	100	16600	10	-81.9						100	16562	0	-79.2	14.0	0	48	200	5	
150	14207	0	-67.9	14.7	1	27	23	3	150	14259	3	-67.3		9	56	290	5	150	14204	0	-68.0	13.3	0	92	250	15	
200	12419	0	-53.5	16.7	1	46	40	5	200	12464	3	-52.8		7	44	166	4	200	12422	0	-54.0	14.0	0	93	230	13	
300	9679	0	-31.0	19.8	1	66	63	6	300	9720	3	-30.9	13.9	6	57	97	4	300	9690	0	-31.6	20.9	0	29	160	3	
500	5856	0	-5.6	10.9	0	88	94	6	500	5894	3	-5.7	11.7	6	80	91	6	500	5875	0	-5.4	27.3	0	40	120	3	
700	3139	0	9.9	14.4	0	37	175	2	700	3186	3	9.6	9.0	6	95	75	11	700	3169	0	9.5	13.7	1	81	90	4	
850	1501	0	17.8	7.1	0	57	254	4	850	1541	2	20.1	9.2	7	69	69	5	850	1518	0	23.1	23.6	1	76	50	5	
1009	* 4		27.6	4.1					970	* 366		25.9	4.0					977	* 295		24.1	15.0					

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND																
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED											
																											hPa	gpm	°C	°C	%	°	mps	hPa	gpm	°C	°C
<b>AFRICA - CAMEROON</b> DOUALA R.S. 64910 NOV 2003 0401N 00942E OB /									<b>AFRICA - MADAGASCAR</b> ANTANANARIVO/IVATO 67083 NOV 2003 1848S 04729E OB 1									<b>AFRICA - ZIMBABWE</b> HARARE (BELVEDERE) 67774 NOV 2003 1750S 03101E OB 3																			
030	23669	10	-58.5		9		100	31	030									030	23825	6	-58.1																
050	20553	9	-72.1		9		100	20	050	20606	7	-66.5		9	82	87	7	050	20666																		
100	16587	7	-81.4		9		320	7	100	16554	1	-76.1		4	67	292	6	100	16626	4	-76.8																
150	14225	7	-67.2		9		80	12	150	14160	1	-65.7		3	82	287	14	150	14228	3	-62.5																
200	12450	7	-52.9		9		230	7	200	12373	1	-54.4		3	76	290	14	200	12432	0	-52.8	12.4	9	72	209	9											
300	9692	7	-30.9	12.0	9		70	8	300	9654	1	-33.4	14.4	3	69	289	10	300	9696	0	-32.0	11.2	9	47	210	4											
500	5867	7	-5.7	9.5	9		80	7	500	5861	1	-6.4	14.6	3	73	277	6	500	5883	0	-6.0	12.9	9	56	153	5											
700	3156	6	9.7	7.8	9		90	12	700	3157	1	8.0	7.4	2	40	181	2	700	3169	0	10.0	7.5	5	50	141	3											
850	1511	6	18.6	6.7	7		20	6	850	1526	1	16.1	4.9	2	80	83	2	850	1522	0	19.7	7.6	5	92	65	6											
1009	* 15		29.5	6.1					877	*1276		17.7	3.4					855	*1472		20.0	6.8															
<b>AFRICA - SOUTH AFRICA</b> GOUGH ISLAND 68906 NOV 2003 4021S 00953W OB 3									<b>AFRICA - SOUTH AFRICA</b> MARION ISLAND 68994 NOV 2003 4653S 03752E OB 3									<b>N AMERICA - USA (ALASKA)</b> BARROW/W. POST W. ROGERS 70026 NOV 2003 7118N 15647W OB 3																			
030	23842	3	-55.6		4	25	223	4	030	23784	15	-51.7		9	63	274	15	030	23072	4	-65.1	10.5	5	91	273	28											
050	20611	0	-57.7		1	75	280	17	050	20499	11	-54.7		9	81	269	27	050	19935	4	-61.8	11.2	4	93	271	22											
100	16277	0	-60.7		1	92	272	42	100	16096	11	-56.9		9	93	270	54	100	15592	5	-56.5	11.9	4	93	267	15											
150	13750	0	-59.3		1	92	266	57	150	13521	11	-55.5		9	95	269	68	150	12999	3	-54.1	11.3	3	92	264	14											
200	11943	0	-57.5	15.0	1	83	262	63	200	11687	11	-55.4	17.1	9	91	267	79	200	11150	3	-53.5	10.1	3	90	261	12											
300	9303	0	-41.6	13.7	1	74	265	54	300	9047	10	-45.6	10.7	9	90	269	78	300	8547	3	-53.1	7.4	3	77	260	13											
500	5650	0	-16.3	14.5	1	84	272	43	500	5456	10	-20.2	11.3	9	91	271	58	500	5145	3	-35.5	6.3	4	63	257	8											
700	3042	0	-1.8	10.5	1	90	277	32	700	2889	10	-6.7	13.4	9	90	270	40	700	2734	3	-22.2	5.5	5	63	247	5											
850	1472	0	5.8	6.4	1	90	274	28	850	1355	10	-1.2	7.4	9	83	279	25	850	1289	3	-16.4	4.3	7	39	246	3											
1008	* 54		12.7	2.9					1003	* 21		5.1	2.6					1006	* 4		-16.0	2.0															
<b>N AMERICA - USA (ALASKA)</b> KOTZEBUE, RALPH WIEN 70133 NOV 2003 6652N 16238W OB 3									<b>N AMERICA - USA (ALASKA)</b> NOME 70200 NOV 2003 6430N 16526W OB 3									<b>N AMERICA - USA (ALASKA)</b> ANCHORAGE/INT. 70273 NOV 2003 6110N 15001W OB 3																			
030	23321	3	-60.2	21.3	3	93	268	29	030	23410	2	-57.3	19.6	3	94	263	27	030	23524	0	-57.2	20.3	5	88	283	21											
050	20115	2	-57.7	22.2	2	95	264	23	050	20173	1	-55.8	19.9	4	96	260	20	050	20278	0	-55.3	20.4	2	90	271	19											
100	15694	1	-54.1	22.7	1	97	257	17	100	15733	1	-53.0	20.2	2	95	259	17	100	15837	0	-53.8	19.9	1	91	270	19											
150	13085	1	-52.4	21.5	1	89	253	15	150	13114	1	-51.8	19.5	2	87	254	16	150	13229	0	-52.7	18.1	1	88	271	19											
200	11227	1	-52.6	18.2	2	84	249	15	200	11252	1	-52.1	16.8	3	78	254	15	200	11376	0	-54.0	14.6	1	82	269	21											
300	8614	1	-52.6	9.3	1	68	256	14	300	8631	0	-52.7	8.1	2	64	254	14	300	8762	0	-50.5	8.7	0	75	274	20											
500	5194	1	-33.9	7.8	1	55	259	9	500	5209	0	-33.4	5.1	0	58	247	10	500	5300	0	-30.6	9.1	0	65	270	10											
700	2766	1	-19.7	6.8	1	55	252	6	700	2772	0	-18.8	5.7	1	57	236	7	700	2830	0	-15.2	8.0	0	59	273	6											
850	1301	1	-12.0	3.4	2	38	244	4	850	1303	0	-11.2	4.0	2	27	228	3	850	1341	0	-8.6	4.9	0	22	261	2											
1005	* 5		-8.7	2.1					1005	* 7		-5.6	2.4					1003	* 40		-6.1	2.3															



# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND											
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED						
																											hPa	gpm	° C	° C	%	°
N AMERICA - USA (ALASKA) COLD BAY 70316 NOV 2003 5512N 16243W OB 3									N AMERICA - USA (ALASKA) YAKUTAT 70361 NOV 2003 5931N 13940W OB 3									N AMERICA - USA (ALASKA) SHEMYA AFB 70414 NOV 2003 5243N 17406E OB 3														
030	23658	3	-55.8	20.4	3	89	274	11	030	23533	3	-57.2	21.3	5	84	289	18	030														
050	20401	3	-55.1	20.4	5	94	260	13	050	20291	2	-56.0	21.3	3	85	282	16	050														
100	15958	2	-54.3	19.5	6	90	256	19	100	15871	1	-54.3	20.7	4	84	284	18	100														
150	13359	2	-53.9	17.6	7	86	252	21	150	13265	0	-53.2	18.5	2	85	285	20	150														
200	11528	1	-55.3	14.2	5	81	255	27	200	11414	0	-53.7	15.1	3	79	288	20	200	11388													
300	8921	0	-48.2	9.8	2	76	257	30	300	8801	0	-50.8	9.5	1	70	271	22	300	8750	10	-49.6											
500	5408	0	-27.5	7.8	0	80	257	23	500	5330	0	-29.5	8.4	2	68	253	12	500	5304	6	-31.1	12.4	8	71	253	18						
700	2914	0	-12.8	8.1	0	76	258	14	700	2850	0	-13.7	5.9	2	71	239	6	700	2844	6	-16.3	6.2	8	78	260	12						
850	1409	0	-4.8	2.7	0	62	256	9	850	1349	0	-4.9	5.0	0	52	219	4	850	1356	6	-7.1	3.1	6	80	267	10						
1010	* 31		3.5	2.7					1005	* 9		-1.5	1.5					1005	* 31		3.4	4.0										
N AMERICA - USA KEY WEST/INT., FL. 72201 NOV 2003 2433N 08145W OB									N AMERICA - USA SHREVEPORT/REG., LA. 72248 NOV 2003 3228N 09347W OB 2									N AMERICA - USA NEWPORT, NC 72305 NOV 2003 3447N 07653W OB 2														
030	23781	0	-57.2	11.7	0	28	52	2	030	23709	5	-59.7	20.1	6	46	248	3	030	23728	2	-58.7	20.3										
050	20611	0	-66.0	9.1	0	44	73	2	050	20554	5	-65.6	14.9	8	61	261	5	050	20562	2	-64.3	16.2										
100	16540	0	-75.7	7.4	0	71	278	8	100	16420	4	-71.4	11.3	9	94	263	17	100	16401	2	-69.9	11.6	9	88	278	15						
150	14155	0	-67.2	8.8	0	75	271	15	150	13993	4	-64.7	10.7	9	95	263	28	150	13967	2	-65.0	10.6	9	85	283	21						
200	12369	0	-54.9	10.8	0	70	269	15	200	12211	3	-56.9	9.3	9	92	260	27	200	12185	1	-57.1	9.6	8	80	280	22						
300	9655	0	-33.8	14.7	0	56	271	9	300	9530	2	-36.9	12.6	6	90	256	24	300	9517	0	-37.9	12.9	7	78	281	17						
500	5872	0	-7.0	20.4	0	32	276	3	500	5796	2	-10.3	22.5	4	83	261	16	500	5797	0	-11.1	20.6	4	79	275	14						
700	3165	0	8.5	19.2	0	33	58	2	700	3128	2	4.8	18.3	5	77	255	9	700	3137	0	3.7	16.9	2	71	271	9						
850	1540	0	14.6	5.6	1	63	94	5	850	1525	2	10.8	13.9	4	67	245	8	850	1540	0	10.7	13.7	4	49	284	4						
1016	* 6		24.0	3.7					1009	* 79		11.5	3.3					1019	* 11		11.1	2.4										
N AMERICA - USA NASHVILLE/OLD HICKORY, TN. 72327 NOV 2003 3615N 08634W OB 3									N AMERICA - USA STERLING, VA. 72403 NOV 2003 3859N 07728W OB 3									N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 NOV 2003 4108N 10041W OB 3														
030	23752	0	-57.7	12.4	6	40	252	2	030	23732	4	-58.2	18.4	4	66	241	5	030	23701	7	-58.3	22.0										
050	20568	1	-63.1	9.8	9	77	246	6	050	20548	4	-62.4	15.5	5	87	262	8	050	20513	7	-61.2	19.9										
100	16373	0	-68.4	8.9					100	16325	4	-66.3	12.9	7	93	267	22	100	16230	5	-62.2	17.6										
150	13916	0	-63.3	9.6	9	95	266	30	150	13841	3	-62.1	12.2	5	90	273	32	150	13706	5	-58.2	15.9										
200	12125	0	-56.9	10.3	9	90	264	32	200	12041	3	-56.7	9.8	6	92	271	38	200	11884	5	-55.9	12.1	9		260	37						
300	9456	0	-38.9	11.1	3	88	264	30	300	9382	3	-40.2	10.3	4	90	271	35	300	9243	5	-42.6	10.9	7		254	38						
500	5749	0	-12.6	14.2	0	88	257	23	500	5705	3	-14.7	13.6	4	88	266	24	500	5619	5	-18.6	13.7	5	86	266	22						
700	3105	0	1.6	15.0	0	79	254	13	700	3082	3	-1.1	16.5	4	83	269	14	700		4	-5.0	9.7	4	76	274	11						
850	1520	0	7.6	12.6	0	71	254	9	850	1508	3	5.9	8.5	3	77	280	10	850		4	-6.1	10.0	5	55	309	7						
999	* 180		8.8	3.9					1010	* 98		6.2	2.7					919	* 849		-5.0	3.0										

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND										
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED					
																											hPa	gpm	° C	° C	%
<b>N AMERICA - USA</b> MEDFORD/MEDFORD- JACKSON COU 72597 NOV 2003 4222N 12252W OB 3									<b>N AMERICA - USA</b> CHANHASSEN, MN 72649 NOV 2003 4451N 09334W OB 2									<b>N AMERICA - USA</b> INT. FALLS/FALLS INT. MN. 72747 NOV 2003 4834N 09323W OB 3													
030	23652	1	-59.2	13.0	5	55	279	6	030	23646	3	-59.0	20.7	7	67	273	9	030													
050	20465	1	-60.6	12.2	6	87	280	8	050	20452	2	-59.5	20.0	9		268	10	050										8		270	16
100	16151	0	-60.3	11.5	9		273	14	100	16106	2	-57.6	19.7	9		265	22	100	15996	5	-55.9	21.2	7	92	269	21					
150	13609	0	-57.6	11.1	9		273	16	150	13533	2	-54.7	19.2					150	13403	3	-52.8	20.3	6	91	264	25					
200	11792	0	-57.7	10.3	9		277	18	200	11693	1	-54.2	15.7	8	91	254	42	200	11547	2	-52.2	17.1	4	87	263	29					
300	9181	0	-45.7	11.2	4	58	295	19	300	9053	1	-45.7	12.0	2	84	256	42	300	8916	2	-48.9	10.8	2	79	264	29					
500	5592	0	-20.4	12.4	0	70	291	15	500	5496	1	-22.7	11.3	1	79	265	25	500	5401	2	-26.3	10.2	2	75	271	18					
700	3028	0	-6.0	11.6	0	58	266	8	700	2953	1	-7.9	10.2	1	81	277	14	700	2897	2	-12.5	8.1	2	66	279	10					
850	1485	0	1.6	5.7	0	51	203	4	850	1424	1	-1.6	10.9	3	71	274	10	850	1396	2	-6.6	7.8	2	49	280	6					
972	* 405		3.5	1.0					980	* 287		-1.6	2.7					971	* 361		-6.4	2.3									
<b>N AMERICA - USA</b> BISMARCK/MUN. ,ND. 72764 NOV 2003 4646N 10045W OB 3									<b>N AMERICA - USA</b> GREAT FALLS, MT 72649 NOV 2003 4451N 09334W OB 2									<b>N AMERICA - USA</b> SPOKANE, WA 72747 NOV 2003 4834N 09323W OB 3													
030	23586	0	-59.1	10.9	9	73	270	11	030	23538	2	-60.6	10.0	2	77	279	11	030	23594	1	-58.9	13.3	3	72	285	9					
050	20390	0	-59.1	10.7	9	96	268	15	050	20355	2	-60.0	9.8	2	93	275	13	050	20391	1	-58.8	12.6	3	89	284	12					
100	16028	0	-57.5	10.9					100	16001	1	-57.2	9.8	2	95	271	18	100	16031	1	-57.7	12.0	4	94	283	17					
150	13449	0	-54.2	11.0					150	13435	0	-55.4	9.4	2	94	277	24	150	13460	1	-55.3	11.8	3	91	283	20					
200	11598	0	-53.3	10.6	9	90	260	25	200	11597	0	-55.0	8.7	2	86	281	22	200	11624	1	-55.5	11.0	4	84	283	21					
300	8977	0	-48.5	8.7	9	84	257	24	300	8988	0	-49.6	7.4	1	80	284	23	300	9011	0	-49.0	9.4	0	76	287	21					
500	5456	0	-25.6	10.4	2	81	279	18	500	5475	0	-25.9	8.2	0	82	289	16	500	5491	0	-25.5	8.2	1	76	277	14					
700	2938	0	-10.5	8.8	4	77	285	10	700	2958	0	-10.1	9.2	0	91	282	13	700	2971	0	-10.1	7.9	0	84	270	10					
850	1423	0	-3.9	6.6	4	65	295	7	850	1437	0	-1.9	8.8	2	82	240	10	850	1451	0	-2.4	5.7	1	77	236	7					
955	* 506		-7.4	3.1					884	*1131		-4.3	5.5					931	* 728		-2.7	2.1									
<b>N AMERICA - CANADA</b> NORMAN WELLS UA, N.W.T. 71043 NOV 2003 6517N 12645W OB 3									<b>N AMERICA - CANADA</b> HALL BEACH UA, N.W.T. 71081 NOV 2003 6846N 08113W OB 3									<b>N AMERICA - CANADA</b> ALERT UA, N.W.T. 71082 NOV 2003 8230N 06220W OB 3													
030	23300	0	-60.9	24.2	2	89	290	26	030	23025	0	-66.7	22.0	2	93	271	19	030	22743	5	-72.9	23.9	8	63	246	10					
050	20107	0	-58.3	24.9	2	84	296	20	050	19908	0	-62.5	23.2	2	92	268	14	050	19686	1	-68.7	24.4	6	62	237	9					
100	15699	0	-54.3	24.9	1	78	293	16	100	15566	0	-56.1	24.3	2	81	261	9	100	15457	0	-60.5	25.8	4	58	219	7					
150	13095	0	-53.4	22.6	2	76	296	16	150	12971	0	-53.7	21.9	2	76	254	7	150	12908	0	-56.8	23.5	5	59	209	7					
200	11245	0	-54.0	16.1	1	71	298	15	200	11122	0	-53.8	16.0	2	67	243	6	200	11079	0	-55.6	17.7	5	63	208	7					
300	8656	1	-55.3	6.1	2	59	291	14	300	8541	0	-55.9	6.2	1	44	232	6	300	8511	0	-57.1	8.0	3	49	202	7					
500	5242	0	-32.6	7.9	2	64	304	10	500	5144	0	-35.0	6.1	1	37	194	4	500	5143	0	-37.0	9.7	3	43	195	5					
700	2793	0	-17.8	5.8	0	67	309	7	700	2727	0	-21.3	8.6	1	16	163	2	700	2744	0	-23.0	10.8	2	19	184	2					
850	1323	0	-12.5	4.2	1	73	306	7	850	1275	0	-15.1	5.3	1	16	98	2	850	1306	0	-18.9	8.4	2	21	90	2					
1002	* 95		-16.2	4.3					1005	* 6		-13.5	2.3					1011	* 65		-27.3	4.4									

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
N AMERICA - CANADA PORT HARDY UA, B.C. 71109 NOV 2003 5041N 12722W OB 3								N AMERICA - CANADA EDMONTON STONY PLAIN, ALTA 71119 NOV 2003 5332N 11406W OB 3								N AMERICA - CANADA SABLE ISLAND, N.S. 71600 NOV 2003 4356N 06001W OB 3										
030	23645	3	-57.4	23.8	2	75	299	10	030	23532	1	-58.4	26.0	0	91	288	14	030	23744	0	-57.1	27.5	1	65	284	6
050	20418	3	-57.2	23.3	2	82	297	11	050	20313	1	-56.7	26.4	1	90	288	14	050	20530	0	-59.2	26.1	0	84	274	10
100	16030	1	-56.4	21.4	2	86	289	18	100	15899	1	-54.1	25.2	1	92	287	18	100	16218	0	-61.2	22.7	0	91	272	19
150	13452	1	-55.3	18.9	1	82	291	21	150	13295	1	-53.7	21.7	1	87	289	19	150	13687	0	-58.9	18.3	0	90	274	29
200	11616	1	-56.2	13.9	1	74	292	24	200	11443	1	-54.4	16.7	1	82	292	20	200	11878	0	-56.7	14.1	0	82	274	32
300	9010	1	-48.3	9.7	0	66	294	25	300	8843	0	-51.4	8.3	1	75	294	21	300	9233	0	-42.5	11.9	0	80	267	30
500	5471	1	-24.6	9.4	0	69	289	16	500	5372	0	-29.3	7.9	0	84	295	16	500	5598	0	-17.9	14.9	0	83	268	22
700	2949	1	-9.9	10.6	0	63	282	9	700	2891	0	-13.6	6.8	0	85	297	11	700	3008	0	-3.5	17.7	0	74	266	13
850	1428	1	-2.2	6.5	0	38	259	4	850	1389	0	-4.6	8.1	0	73	295	7	850	1455	0	2.6	10.4	0	62	263	8
1012	* 17		2.7	2.0					920	* 766		-8.2	2.9					1016	* 4		8.1	6.1				
N AMERICA - CANADA YARMOUTH, N.S. 71603 NOV 2003 4352N 06606W OB 3								N AMERICA - CANADA MANIWAKI, QUE. 71722 NOV 2003 4623N 07558W OB 3								N AMERICA - CANADA ST. JOHN'S UA, NFLD 71801 NOV 2003 4737N 05245W OB 3										
030	23763	1	-56.4	25.4	1	78	270	9	030	23683	4	-57.1	26.2	6	91	267	14	030	23727	3	-56.3	23.5	7	69	269	7
050	20541	0	-59.6	23.2	0	91	269	11	050	20471	1	-58.9	24.8	4	95	268	15	050	20497	2	-58.1	22.9	8	85	268	9
100	16234	0	-61.2	19.3	1	93	271	23	100	16127	1	-59.4	23.4	3	94	264	25	100	16136	1	-58.3	21.0	7	92	269	18
150	13691	0	-58.5	16.2	1	90	271	31	150	13566	0	-55.2	21.8	1	92	264	34	150	13576	1	-56.6	18.7	5	87	269	24
200	11878	1	-56.5	11.5	1	84	268	35	200	11717	0	-54.0	16.2	2	92	267	41	200	11743	1	-54.9	14.9	7	81	269	25
300	9242	0	-42.3	9.8	0	83	266	32	300	9079	0	-44.0	11.5	1	87	262	37	300	9102	1	-44.4	10.6	4	83	268	29
500	5603	0	-18.0	10.4	0	81	264	23	500	5490	0	-22.0	11.8	1	85	264	24	500	5515	1	-21.1	12.1	2	83	265	22
700	3008	0	-3.0	13.6	0	77	265	15	700	2939	0	-7.6	8.8	1	83	264	16	700	2960	0	-6.8	11.8	0	78	261	14
850	1453	0	2.5	9.4	0	63	260	8	850	1414	0	-3.3	7.3	1	67	274	9	850	1423	0	.0	10.0	1	73	266	11
1011	* 9		5.1	2.3					991	* 173		-.7	2.5					996	* 140		2.9	2.3				
N AMERICA - CANADA SEPT-ILES UA, QUE. 71811 NOV 2003 5013N 06615W OB 3								N AMERICA - CANADA STEPHENVILLE UA, NFLD 71815 NOV 2003 4834N 05834W OB 3								N AMERICA - CANADA GOOSE UA, NFLD. 71816 NOV 2003 5318N 06022W OB 3										
030	23646	0	-57.5	24.4	1	88	263	17	030	23690	1	-56.4	30.2	3	85	268	13	030	23587	0	-57.7	24.5	2	88	266	19
050	20424	0	-58.1	23.8	0	93	264	18	050	20461	1	-57.8	28.6	2	88	272	13	050	20362	0	-57.1	25.0	3	92	266	18
100	16043	0	-56.3	23.0	0	92	266	24	100	16092	1	-57.6	25.7	2	91	270	22	100	15955	0	-54.5	24.0	1	92	271	23
150	13458	0	-54.2	21.5	2	92	266	32	150	13524	1	-55.8	22.0	2	89	274	29	150	13353	0	-53.0	22.0	1	90	270	26
200	11601	0	-54.0	16.4	1	85	264	36	200	11689	1	-54.8	17.4	2	83	270	33	200	11496	0	-52.9	17.7	2	85	270	30
300	8974	0	-45.9	10.1	0	79	267	35	300	9048	1	-44.9	11.3	0	82	269	34	300	8854	0	-47.6	10.4	2	79	268	28
500	5420	0	-24.2	9.2	1	79	263	22	500	5467	0	-22.3	13.1	0	84	269	24	500	5345	0	-27.3	7.4	1	74	270	18
700	2892	0	-10.0	10.6	1	74	261	13	700	2925	0	-8.8	14.2	0	77	264	15	700	2847	0	-13.2	9.1	1	65	277	12
850	1381	0	-6.1	5.7	1	53	272	7	850	1403	0	-3.0	6.0	0	69	263	10	850	1349	0	-7.3	5.9	1	54	278	7
1006	* 53		-3.3	2.0					1010	* 60		2.9	3.6					1004	* 36		-3.2	3.6				

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>N AMERICA - CANADA</b> <b>LA GRANDE IV, QUE.</b> 71823 NOV 2003 5345N 07340W OB 3								<b>N AMERICA - CANADA</b> <b>MOOSONEE, ONT.</b> 71836 NOV 2003 5116N 08039W OB 3								<b>N AMERICA - CANADA</b> <b>PICKLE LAKE, ONT.</b> 71845 NOV 2003 5127N 09012W OB 2										
030	23532	2	-58.9	24.3	2	91	261	20	030	23568	1	-58.1	27.8	2	92	262	20	030	23546	1	-58.3	29.4	0	91	267	17
050	20317	2	-57.7	24.1	2	94	264	19	050	20351	0	-57.5	27.1	0	95	264	19	050	20328	1	-57.2	29.3	1	93	269	18
100	15918	2	-54.7	23.7	2	93	263	23	100	15955	0	-55.1	26.5	0	94	266	24	100	15918	1	-54.5	28.9	1	93	265	22
150	13309	2	-52.4	22.1	2	90	262	27	150	13350	0	-52.4	24.5	1	91	261	29	150	13307	1	-51.9	27.4	0	92	264	25
200	11445	2	-52.0	18.6	2	88	260	30	200	11486	0	-51.6	20.7	0	89	259	34	200	11443	2	-51.6	21.2	1	87	264	26
300	8813	1	-49.4	10.7	2	77	256	28	300	8845	0	-47.9	13.6	1	85	262	32	300	8816	0	-50.4	11.3	0	78	265	25
500	5323	1	-28.5	6.7	1	72	259	16	500	5347	0	-28.4	10.0	0	79	264	19	500	5340	0	-28.8	7.8	0	78	275	15
700	2840	1	-14.7	6.7	1	69	264	10	700	2859	0	-14.1	12.0	0	77	266	11	700	2856	0	-14.3	8.3	0	73	280	10
850	1355	1	-10.0	2.8	1	60	265	7	850	1368	0	-8.4	5.6	0	72	271	9	850	1369	0	-9.2	6.1	0	63	283	7
972	* 307		-5.2	1.6					1012	* 10		-4.7	4.1					966	* 389		-8.7	1.6				
<b>N AMERICA - CANADA</b> <b>THE PASS UA, MAN</b> 71867 NOV 2003 5358N 10106W OB 3								<b>N AMERICA - CANADA</b> <b>KUUJUAQ, UA, QUE.</b> 71906 NOV 2003 5807N 06825W OB 3								<b>N AMERICA - CANADA</b> <b>INUKJUAQ, QUE</b> 71907 NOV 2003 5827N 07807W OB 3										
030	23489	1	-59.0	25.8	1	91	276	17	030	23430	6	-60.6	21.7	7	93	261	22	030	23369	1	-60.7	21.6	1	94	265	21
050	20274	0	-57.0	25.9	0	94	277	16	050	20225	5	-57.7	22.6	5	95	261	19	050	20173	1	-57.7	22.4	0	94	264	18
100	15856	0	-53.7	25.8	0	93	272	19	100	15807	5	-54.6	22.3	6	94	261	20	100	15763	0	-53.8	22.7	0	93	262	17
150	13242	0	-52.3	24.2	0	91	274	20	150	13211	5	-52.6	20.1	5	90	260	20	150	13146	0	-52.0	21.2	1	89	261	18
200	11379	0	-52.7	18.8	0	86	279	21	200	11339	4	-52.5	15.6	4	86	261	22	200	11279	0	-51.5	16.5	1	85	262	18
300	8766	0	-51.6	9.9	1	80	284	20	300	8725	2	-51.7	7.2	3	72	260	19	300	8669	0	-53.3	7.2	1	70	258	16
500	5313	0	-30.9	8.6	0	83	280	14	500	5259	1	-30.5	7.4	2	61	265	11	500	5230	0	-31.4	7.9	0	73	260	11
700	2846	0	-15.9	10.4	0	84	288	10	700	2798	1	-17.2	4.5	2	55	265	7	700	2775	0	-17.6	6.3	0	70	258	8
850	1365	0	-9.9	5.3	0	68	284	7	850	1325	0	-10.7	2.1	1	49	266	5	850	1302	0	-11.5	2.1	1	66	246	7
979	* 274		-10.8	2.8					1002	* 60		-5.9	2.1					1002	* 6		-4.3	2.5				
<b>N AMERICA - CANADA</b> <b>IQUALUIT, N.W.T.</b> 71909 NOV 2003 6345N 06833W OB 3								<b>N AMERICA - CANADA</b> <b>CHURCHILL UA, MAN.</b> 71913 NOV 2003 5844N 09405W OB 3								<b>N AMERICA - CANADA</b> <b>CORAL HARBOUR UA, N.W.T.</b> 71915 NOV 2003 6412N 08322W OB 3										
030	23208	3	-64.0	24.3	7	90	263	22	030	23375	4	-60.6	25.6	5	93	282	18	030	23171	1	-64.2	20.9	3	94	271	20
050	20056	2	-60.1	24.5	6	91	258	16	050	20175	4	-57.6	26.6	5	95	279	15	050	20018	1	-60.4	21.7	2	95	267	16
100	15667	1	-54.9	25.2	5	92	254	13	100	15749	4	-53.0	27.2	4	92	273	15	100	15636	1	-54.5	22.1	2	91	263	11
150	13062	1	-53.0	23.7	5	89	256	12	150	13133	4	-51.5	25.0	4	88	273	14	150	13029	1	-52.6	20.0	3	84	261	10
200	11206	1	-53.0	17.6	6	84	251	10	200	11267	4	-51.8	19.2	4	79	273	14	200	11171	1	-52.9	15.5	3	79	258	10
300	8617	1	-54.5	7.0	4	62	252	10	300	8652	4	-53.1	8.5	5	71	272	15	300	8578	1	-54.9	6.4	4	57	249	10
500	5195	1	-33.2	8.7	4	47	250	6	500	5220	4	-32.1	8.1	4	67	274	10	500	5164	1	-33.3	6.6	3	45	258	6
700	2758	1	-19.7	7.4	4	42	246	4	700	2770	4	-17.7	8.2	6	76	272	9	700	2731	1	-20.0	6.8	3	37	226	4
850	1298	1	-13.4	3.9	4	28	249	3	850	1297	4	-12.1	5.1	7	70	282	7	850	1273	1	-14.2	3.2	4	22	189	2
1002	* 34		-8.0	2.2					1004	* 29		-13.2	2.2					995	* 57		-10.5	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>N AMERICA - CANADA</b> <b>EUREKA UA, N.W.T.</b> 71917 NOV 2003 7959N 08556W OB 3								<b>N AMERICA - CANADA</b> <b>RESOLUTE UA, N.W.T.</b> 71924 NOV 2003 7442N 09458W OB 3								<b>N AMERICA - CANADA</b> <b>CAMBRIDGE BAY UA, N.W.T.</b> 71925 NOV 2003 6908N 10504W OB 3										
030	22767	3	-71.7	21.4	5	61	259	9	030	22871	4	-69.4	22.4	5	84	275	15	030	23071	3	-65.0	23.7	3	93	283	23
050	19705	0	-67.6	22.8	2	57	253	8	050	19799	2	-64.9	23.0	3	77	273	11	050	19919	0	-61.5	24.7	0	87	284	17
100	15453	0	-59.9	24.6	2	50	236	5	100	15499	2	-57.9	24.2	3	55	266	6	100	15563	0	-55.8	25.7	0	75	285	11
150	12896	0	-56.2	23.2	2	48	218	5	150	12926	2	-54.8	22.4	3	44	254	5	150	12966	0	-53.6	23.7	0	65	289	9
200	11063	0	-55.2	17.9	1	47	209	5	200	11080	2	-54.0	17.2	5	38	254	4	200	11113	0	-53.1	18.0	0	58	296	8
300	8488	0	-56.7	8.0	2	33	198	4	300	8497	2	-56.0	7.5	5	22	261	3	300	8520	0	-55.3	7.6	0	39	298	7
500	5127	0	-37.7	10.5	1	29	162	3	500	5125	2	-37.2	7.0	2	10	246	1	500	5136	0	-35.8	7.4	0	35	322	5
700	2734	0	-23.6	11.2	1	36	144	3	700	2728	2	-23.2	7.5	2	16	122	2	700	2722	0	-21.2	7.5	0	30	329	3
850	1299	0	-18.9	8.2	1	31	113	2	850	1291	2	-18.1	5.6	3	24	127	2	850	1276	0	-17.6	5.5	0	24	339	2
1012	* 10		-29.8	4.6					1000	* 40		-20.2	3.2					1005	* 26		-19.4	2.6				
<b>N AMERICA - CANADA</b> <b>BAKER LAKE UA, N.W.T.</b> 71926 NOV 2003 6419N 09600W OB 3								<b>N AMERICA - CANADA</b> <b>FORT SMITH UA, N.W.T.</b> 71934 NOV 2003 6042N 11156W OB 3								<b>N AMERICA - CANADA</b> <b>FORT NELSON UA, B.C.</b> 71945 NOV 2003 5850N 12236W OB 3										
030	23157	5	-64.6	24.3		97	280	20	030	23385	0	-60.1	26.9	0	94	291	19	030	23495	3	-58.7	29.1	5	90	297	20
050	20005	5	-60.5	25.8		94	285	15	050	20175	0	-56.9	27.5	0	92	294	16	050	20267	3	-56.0	29.7	4	84	299	16
100	15628	5	-54.3	27.0		85	281	11	100	15751	0	-53.5	27.1	0	85	294	15	100	15833	1	-53.1	28.3	1	80	297	16
150	13020	5	-52.8	24.8		79	284	10	150	13138	0	-52.1	23.9	0	80	296	14	150	13213	1	-53.2	22.8	1	79	298	19
200	11162	5	-52.6	19.3		62	284	9	200	11279	0	-53.2	18.3	1	77	301	16	200	11371	0	-53.7	17.7	2	75	297	19
300	8564	5	-55.3	8.9		42	278	8	300	8678	0	-53.4	8.2	0	68	303	16	300	8766	0	-52.1	9.0	1	66	295	19
500	5167	5	-34.4	9.7		54	274	8	500	5246	0	-32.4	8.3	0	71	302	12	500	5318	0	-30.8	7.6	2	71	291	13
700	2741	5	-20.4	10.1		38	292	4	700	2794	0	-17.3	7.2	0	74	293	9	700	2848	0	-14.9	6.1	1	81	298	10
850	1289	5	-15.5	6.2	9	15	252	2	850	1321	0	-11.5	4.5	0	68	295	7	850	1358	0	-8.0	7.1	1	69	303	7
1003	* 50		-16.1	2.3					983	* 203		-10.9	2.2					964	* 378		-11.7	2.7				
<b>N AMERICA - CANADA</b> <b>INUVIK UA, N.W.T.</b> 71957 NOV 2003 6819N 13332W OB 3								<b>N AMERICA - CANADA</b> <b>WHITEHORSE, UA, Y.T.</b> 71964 NOV 2003 6042N 13504W OB 3								<b>N AMERICA - ST. MAARTEN, ST. EUST., SABA</b> <b>JULIANA AIRPORT, ST. MAARTEN</b> 78866 NOV 2003 1803N 06307W OB 2										
030	23204	0	-62.1	23.8	0	88	284	27	030	23477	7	-58.3	30.3	6	87	296	20	030	23881	3	-56.5		3	98	93	12
050	20030	0	-59.8	23.9	0	86	283	22	050	20252	5	-56.0	30.4	3	87	292	19	050	20686	2	-64.3		2	94	86	6
100	15650	0	-55.4	23.8	1	80	285	16	100	15807	1	-54.1	28.3	0	83	290	18	100	16611	1	-76.6		1	77	306	7
150	13050	0	-53.5	21.1	0	74	284	14	150	13200	1	-52.8	25.2	0	80	288	18	150	14237	1	-66.7		1	82	292	17
200	11202	0	-54.1	15.3	0	71	284	14	200	11350	1	-54.2	18.4	1	77	287	19	200	12458	1	-53.1	34.3	1	76	299	14
300	8610	1	-55.7	5.8	0	59	276	13	300	8758	0	-52.1	9.5	0	69	282	18	300	9705	1	-31.4	43.2	1	60	309	9
500	5214	0	-33.7	7.1	0	58	266	9	500	5312	0	-30.7	7.6	0	64	278	10	500	5880	0	-6.3	21.4	0	26	333	3
700	2774	0	-18.6	6.5	0	61	268	7	700	2839	0	-14.7	7.0	0	60	267	7	700	3204	0	8.2	8.1	0	24	136	2
850	1311	0	-13.9	6.2	0	50	289	4	850	1351	0	-10.5	3.7	0	13	234	1	850	1548	0	16.8	2.9	0	58	99	4
1002	* 103		-17.1	2.9					925	* 704		-11.5	3.2					1014	* 9		25.7	1.6				

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>N AMERICA - CURACAO AND BONAIRE</b> HATO AIRPORT, CURACAO 78988 NOV 2003 1212N 06858W OB 3									<b>S AMERICA - COLOMBIA</b> BOGOTA/ELDORADO 80222 NOV 2003 0442N 07408W OB 3									<b>S AMERICA - BRAZIL</b> BELEM (AEROPORTO) 82193 NOV 2003 0123S 04829W OB 2									
030	23782	5	-58.0		5	99	92	22	030										030	23794	13	-57.3	22.9	9	99	93	30
050	20621	4	-67.5		4	96	87	10	050										050	20638	9	-67.5	18.3	9	99	88	16
100	16595	1	-78.9		1	70	302	6	100	16568	30	-81.2						100	16625	8	-79.8	13.0	9	63	272	6	
150	14239	1	-67.3		1	51	269	7	150	14220	30	-67.9						150	14264	5	-66.6	15.0	5	57	209	6	
200	12446	1	-52.6		1	46	287	6	200	12430	30	-53.3						200	12465	5	-52.4	17.0	5	67	181	6	
300	9698	1	-30.7	11.1	1	29	344	2	300	9686	30	-30.7	10.8					300	9710	5	-30.1	23.9	5	31	49	2	
500	5873	1	-5.3	9.7	1	47	83	3	500	5861	30	-5.5	7.5					500	5874	5	-5.0	23.9	5	78	85	4	
700	3154	1	10.1	8.5	2	78	113	5	700	3146	30	9.1	5.6					700	3154	6	9.9	12.4	5	94	100	9	
850	1511	1	18.4	4.2	3	85	103	6	753	*2546		9.3	.5					850	1512	5	18.5	5.2	5	96	98	8	
1004	* 62		26.1	2.4														1009	* 16		27.7	3.9					
<b>S AMERICA - BRAZIL</b> MANAUS (AEROPORTO) 82332 NOV 2003 0309S 05959W OB 2									<b>S AMERICA - BRAZIL</b> FORTALEZA 82397 NOV 2003 0346S 03836W OB									<b>S AMERICA - BRAZIL</b> NATAL (AEROPORTO) 82599 NOV 2003 0555S 03515W OB 2									
030	23790	5	-57.7	24.7	6	98	95	30	030									030	23803	14	-56.5	25.7					
050	20638	2	-68.4	17.1	2	97	93	18	050									050	20666				9	97	92	17	
100	16623	1	-81.0	10.4	1	50	241	4	100	16574	12	-79.9		9	53	251	5	100	16635	6	-77.8	14.3	9	72	259	7	
150	14267	1	-66.5	12.4	1	44	192	4	150	14225	10	-68.0		9	77	243	9	150	14258	5	-66.4	14.3	6	88	254	11	
200	12469	1	-52.4	13.7	1	56	148	5	200	12434	3	-53.9		5	53	219	5	200	12464	3	-53.1	16.1	5	62	240	8	
300	9715	1	-30.1	14.0	1	64	121	4	300	9697	1	-31.3	24.5	1	27	202	2	300	9715	2	-30.6	21.4	3	50	251	5	
500	5882	1	-5.6	11.6	1	55	100	3	500	5874	1	-4.8	34.0	1	50	89	3	500	5886	2	-4.4	25.2	3	64	92	4	
700	3164	1	9.2	5.7	1	83	86	5	700	3157	1	9.6	23.5	1	88	104	7	700	3166	2	9.9	17.9	3	92	102	6	
850	1523	1	18.2	2.4	1	91	66	7	850	1521	1	16.3	6.2	1	94	114	9	850	1528	2	16.2	3.4	2	92	116	8	
1002	* 84		26.5	2.3					1010	* 26		28.8	6.2					1009	* 52		30.0	5.6					
<b>S AMERICA - BRAZIL</b> FLORIANO 82678 NOV 2003 0646S 04301W OB 2									<b>S AMERICA - BRAZIL</b> CAROLINA 82765 NOV 2003 0720S 04728W OB 2									<b>S AMERICA - BRAZIL</b> PORTO VELHO (AEROPORTO) 82824 NOV 2003 0846S 06355W OB									
030	23686	9	-59.3		9	98	90	28	030									030	23700	14	-59.9						
050	20556	3	-69.2		3	99	90	18	050	20581	10	-69.1		9	97	96	17	050	20568	7	-69.2		9	97	88	16	
100	16569	2	-79.5		3	35	246	3	100	16589	9	-80.5		9	24	247	2	100	16567	3	-81.2		9	31	236	3	
150	14219	1	-67.9		1	68	210	9	150	14243	9	-68.2		9	82	229	7	150	14223	2	-68.2		9	42	334	4	
200	12432	1	-53.6		1	74	198	9	200	12457	9	-53.4		9	78	216	7	200	12435	2	-53.5		9	29	2	2	
300	9694	1	-31.2	17.2	1	43	175	3	300	9713	9	-30.8	12.5	9	18	191	1	300	9695	2	-31.0	12.1	9	30	148	2	
500	5873	1	-5.0	25.3	1	67	87	3	500	5884	9	-4.6	16.0	9	22	43	1	500	5870	1	-5.9	6.1	9	22	108	1	
700	3156	1	9.0	10.7	1	67	105	4	700	3166	9	8.6	5.9	9	87	84	7	700	3154	1	9.2	4.0	9	73	62	6	
850	1519	1	17.5	5.2	1	87	81	6	850	1528	8	18.4	5.2	8	66	62	4	850	1512	1	18.7	4.6	8	59	16	4	
998	* 123		28.5	6.5					991	* 192		25.7	2.2					1001	* 102		25.2	.4					

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED				
																											hPa	gpm	°C	°C
<b>S AMERICA - BRAZIL</b> <b>RECIFE (CURADO)</b> 82900 NOV 2003 0803S 03455W OB 2									<b>S AMERICA - BRAZIL</b> <b>VILHENA (AEROPORTO)</b> 83208 NOV 2003 1244S 06008W OB 2									<b>S AMERICA - BRAZIL</b> <b>SALVADOR</b> 83229 NOV 2003 1301S 03831W OB 2												
030	23673	5	-59.5		9	99	91	27	030	23706	8	-58.5		8	98	88	21	030												
050	20556	2	-69.8		9	99	90	16	050	20569	3	-66.5		4	99	98	14	050	20583	8	-67.5		9	96	91	12				
100	16557	2	-79.0		8	75	255	6	100	16547	3	-80.8		3	47	226	4	100	16561	4	-78.0		9	58	256	6				
150	14200	1	-68.1		9	84	255	11	150	14198	2	-68.3		3	75	266	9	150	14196	4	-67.9		8	74	237	12				
200	12417	1	-54.3		9	70	240	10	200	12412	2	-53.8		2	55	284	6	200	12414	2	-54.6		8	76	232	14				
300	9687	1	-31.6	23.8	8	55	247	6	300	9674	2	-31.0	16.9	2	60	245	5	300	9683	1	-31.9	17.6	3	59	229	7				
500	5871	1	-5.4	28.4	8	64	103	4	500	5856	3	-6.0	9.4	4	20	271	1	500	5872	1	-5.8	25.8	3	20	43	1				
700	3157	1	9.6	19.8	8	83	94	5	700	3146	3	8.6	4.4	4	50	323	3	700	3162	1	8.9	15.5	3	15	62	1				
850	1525	1	15.4	4.2	8	86	94	5	850	1507	2	18.7	6.6	3	57	335	3	850	1531	1	15.6	5.5	3	75	102	5				
1013	* 7		28.5	10.7					942	* 652		22.5	1.9					1009	* 51		27.8	4.8								
<b>S AMERICA - BRAZIL</b> <b>BOM JESUS DA LAPA</b> 83288 NOV 2003 1316S 04325W OB 2									<b>S AMERICA - BRAZIL</b> <b>CUIABA (AEROPORTO)</b> 83362 NOV 2003 1539S 05606W OB									<b>S AMERICA - BRAZIL</b> <b>BRASILIA (AEROPORTO)</b> 83378 NOV 2003 1552S 04756W OB 3												
030	23702	15	-58.6						030	23755	13	-58.2		9	97	88	18	030	23761	4	-58.4									
050	20561				4	99	94	13	050	20614	13	-66.5		9	96	103	12	050	20608	4	-66.5									
100	16543	2	-78.6		3	28	225	3	100	16563	7	-79.3		9	56	270	5	100	16570	2	-78.3									
150	14185	1	-68.0		3	77	215	12	150	14202	6	-68.4		9	92	262	17	150	14208	2	-68.0									
200	12402	1	-54.3		3	71	223	11	200	12418	4	-53.9		6	84	280	14	200	12427	1	-54.1									
300	9669	2	-31.7	15.2	3	55	233	6	300	9686	3	-31.6	20.8	4	67	265	7	300	9689	2	-31.6	13.8								
500	5855	0	-5.8	22.1	4	10	293	1	500	5873	0	-5.9	14.0	3	36	230	2	500	5876	1	-6.0	8.9								
700	3148	0	8.6	10.3	2	30	66	2	700	3161	0	8.8	6.9	3	27	312	2	700	3167	1	8.6	7.7								
850	1509	0	18.6	9.7	2	60	52	3	850	1521	0	19.0	8.3	3	68	2	4	850	1528	1	18.5	7.1								
961	* 440		26.8	7.0					991	* 182		25.4	4.1					897	*1061		21.0	4.0								
<b>S AMERICA - BRAZIL</b> <b>CAMPO GRANDE (AEROPORTO)</b> 83612 NOV 2003 2028S 05440W OB 2									<b>S AMERICA - BRAZIL</b> <b>TRINDADE (ILHA)</b> 83650 NOV 2003 2030S 02919W OB 2									<b>S AMERICA - BRAZIL</b> <b>GALEAO</b> 83746 NOV 2003 2249S 04315W OB 2												
030									030									030	23831	9	-57.2	25.8	9	94	81	9				
050	20631	3	-66.4		3	94	89	8	050	20617	4	-66.0		5	87	85	7	050	20657	4	-65.0	20.3	4	90	77	5				
100	16559	1	-77.3		2	83	268	10	100	16532	3	-73.4		5	62	263	7	100	16551	3	-74.2	12.7	3	83	262	10				
150	14185	1	-67.2		2	95	269	21	150	14127	3	-66.2		4	56	242	10	150	14144	3	-65.8	14.0	3	92	253	24				
200	12398	0	-54.3		2	90	272	20	200	12345	2	-56.3		3	67	239	15	200	12358	2	-54.8	13.6	2	86	264	22				
300	9672	0	-32.6	21.1	3	91	266	15	300	9645	2	-32.7	17.7	2	56	252	10	300	9633	0	-33.4	16.3	1	91	267	16				
500	5878	0	-6.8	26.2	3	50	228	4	500	5878	2	-7.9	25.1	2	47	295	4	500	5851	0	-7.9	18.8	0	78	276	7				
700	3171	0	8.8	11.0	3	62	317	4	700	3181	2	8.3	22.1	3	33	6	2	700	3155	0	7.3	6.8	0	85	297	6				
850	1535	0	18.4	10.2	3	62	339	6	850	1558	2	13.4	6.8	3	70	62	5	850	1526	0	16.5	4.7	0	70	324	5				
949	* 567		24.8	9.2					1019	* 5		26.9	6.3					1013	* 6		25.3	4.8								

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND																									
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED																				
																											hPa	gpm	° C	° C	%	°	mps	hPa	gpm	° C	° C	%	°	mps	hPa	gpm	° C	° C	%	°
<b>S AMERICA - BRAZIL</b> CURITIBA (AEROPORTO) 83840 NOV 2003 2531S 04910W OB 2									<b>S AMERICA - BRAZIL</b> PORTO ALEGRE (AERO- PORTO) 83971 NOV 2003 3000S 05111W OB 2									<b>S AMERICA - CHILE</b> ANTOFAGASTA 85442 NOV 2003 2326S 07027W OB 2																												
030	23911	6	-56.2	26.0	9	94	78	8	030	23919	10	-55.1	25.4	9	85	86	6	030																												
050	20708	4	-62.6	22.2	4	80	60	4	050	20700	7	-60.8	23.3	7	50	329	4	050	20602	5	-64.3																									
100	16551	3	-71.3	16.5	4	94	265	15	100	16488	3	-67.8	18.4	3	92	265	19	100	16506	1	-74.1																									
150	14121	2	-64.7	15.9	3	95	266	29	150	14027	3	-63.7	17.4	3	96	274	38	150	14097	0	-65.9	21.7																								
200	12324	1	-54.0	17.2	1	90	267	28	200	12225	2	-54.5	18.6	3	95	277	36	200	12312	0	-55.3	21.6																								
300	9605	1	-32.0	18.4	1	91	273	20	300	9523	1	-36.8	17.5	2	91	273	22	300	9612	0	-35.7	26.6	1	84	269	16																				
500	5836	0	-7.9	17.9	1	85	267	11	500	5785	0	-10.7	20.6	0	86	263	12	500	5848	0	-7.3	34.1	1	78	252	6																				
700	3140	0	7.8	15.0	0	76	289	7	700	3112	0	5.4	16.4	0	58	268	6	700	3136	0	10.7		3	15	310	1																				
850	1515	0	14.0	4.2	0	40	356	4	850	1507	0	13.1	10.1	0	33	269	3	850	1496	0	17.1	28.9	1	85	34	4																				
913	* 908		18.6	4.2					1013	* 3		21.4	5.2					1001	* 140		16.8	3.5																								
<b>S AMERICA - CHILE</b> ISLA DE PASCUA 85469 NOV 2003 2710S 10926W OB 1									<b>S AMERICA - CHILE</b> PUERTO MONTT 85799 NOV 2003 4126S 07306W OB 2									<b>S AMERICA - CHILE</b> PUNTA ARENAS 85934 NOV 2003 5300S 07051W OB 2																												
030	23805	5	-57.7	29.9					030	23840	1	-53.7	31.2	4	33	149	3	030	23799	2	-46.8	34.9	2	61	234	6																				
050	20623	4	-63.5	28.3					050	20585	0	-57.5	30.1	3	76	245	7	050	20432	1	-48.9	33.4	1	81	244	13																				
100	16423	3	-68.3		5	96	279	15	100	16221	0	-58.9	29.1	3	97	266	21	100	15912	1	-51.7	32.6	1	89	257	22																				
150	13972	3	-65.2		5	97	275	28	150	13676	0	-57.7	26.4	3	95	264	21	150	13281	1	-51.7	32.0	1	88	257	25																				
200	12204	3	-58.8	10.9	5	92	273	32	200	11857	0	-57.2	16.8	3	92	267	28	200	11419	1	-52.9	29.3	1	87	257	25																				
300	9532	3	-37.1	13.0	4	95	276	26	300	9235	0	-44.7	11.8	5	87	264	30	300	8805	0	-51.1	15.5	1	81	258	23																				
500	5796	3	-10.2	24.1	4	93	281	15	500	5615	0	-17.9	16.7	3	87	263	19	500	5318	0	-27.2	13.9	0	84	259	19																				
700	3124	3	4.9		4	86	285	9	700	3022	0	-3.0	12.6	3	78	264	11	700	2810	0	-10.9	10.9	0	87	255	18																				
850	1519	3	10.9	6.7	5	64	299	5	850	1464	0	3.3	4.6	4	63	293	6	850	1293	0	-2.4	5.9	0	90	262	16																				
1011	* 69		21.5	5.8					1005	* 90		9.3	.7					993	* 43		5.5	6.5																								
<b>S AMERICA - ARGENTINA</b> RESISTENCIA AERO. 87155 NOV 2003 2727S 05903W OB 2									<b>S AMERICA - ARGENTINA</b> CORDOBA AERO 87344 NOV 2003 3119S 06413W OB /									<b>S AMERICA - ARGENTINA</b> EZEIZA AERO 87576 NOV 2003 3449S 05832W OB 3																												
030	23798								030	23808	3	-57.4	31.3	4	78	76	7	030	23841	2	-55.8		6	56	50	5																				
050	20616								050	20605	0	-61.6	30.0	3	35	15	3	050	20613	2	-59.4		5	70	305	6																				
100	16470								100	16411	0	-68.0	24.9	3	94	269	22	100	16354	1	-64.5		7	97	275	24																				
150	14045	4	-65.2						150	13948	0	-63.0	21.5	4	95	272	31	150	13856	1	-60.9		9	97	270	32																				
200	12259	2	-55.6		5	91	275	32	200	12157	0	-57.0	16.3	3	90	274	31	200	12062	1	-57.3		9	91	285	36																				
300	9559	1	-36.5	21.8	2	88	263	21	300	9497	0	-39.5	14.9	2	85	266	23	300	9406	1	-40.3	14.3	9	84	275	26																				
500	5815	1	-9.0	21.5	2	77	255	11	500	5786	0	-11.3	12.1	2	85	267	15	500	5728	0	-14.2	14.7	7	80	260	15																				
700	3125	1	7.6	22.1	2	45	274	5	700	3110	0	7.5	17.9	2	33	238	3	700	3087	0	3.6	17.1	3	92	255	7																				
850	1501	1	17.1	18.9	2	43	348	5	850	1488	0	15.3	13.2	3	24	343	2	850	1486	0	12.3	14.5	4	7	140	5																				
1005	* 52		22.2	5.7					957	* 474		18.8	8.2					1011	* 20		18.4	5.5																								



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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
S AMERICA - ARGENTINA SANTA ROSA AERO 87623 NOV 2003 3634S 06416W OB /									S AMERICA - UK FALKLAND ISLANDS MOUNT PLEASANT AIRPORT 88889 NOV 2003 5149S 05827W OB									ANTARCTICA - UNITED KINGDOM (ANTARCTIC) HALLEY 89022 NOV 2003 7530S 02639W OB 2								
030	23816	1	-55.2		1	47	83	4	030	23771	0	-47.7	29.9	0	60	253	6	030	23140	3	-32.3	39.3	4	65	238	13
050	20588	1	-59.1		0	41	260	4	050	20415	0	-49.4	29.0	0	87	259	13	050	19610	2	-43.1	35.0	3	64	245	12
100	16313	1	-62.9		0	97	266	19	100	15901	0	-51.6	26.8	0	91	261	22	100	15146	1	-61.3	24.1	2	71	259	8
150	13799	1	-59.5		0	96	268	30	150	13274	0	-51.9	24.0	0	91	260	25	150	12651	1	-63.6	18.4	2	58	275	5
200	12001	1	-58.7		0	83	268	32	200	11414	0	-52.9	19.4	0	87	258	25	200	10884	1	-63.8	12.6	2	58	291	5
300	9371	0	-42.5	12.7	0	86	263	27	300	8799	0	-50.3	11.2	0	80	257	24	300	8388	1	-58.8	8.4	2	48	296	6
500	5713	0	-14.8	14.8	0	85	263	19	500	5314	0	-27.7	10.7	0	82	255	17	500	5017	1	-35.8	8.2	1	38	322	3
700	3079	0	2.6	13.0	0	74	268	10	700	2812	0	-10.9	7.5	0	84	251	14	700	2605	1	-21.2	7.3	1	36	8	3
850	1479	0	12.8	18.3	0	43	238	5	850	1293	0	-1.5	4.9	0	83	249	12	850	1150	1	-13.6	6.0	1	38	48	3
990	* 191		16.0	8.2					988	* 73		6.7	4.7					984	* 30		-11.8	3.1				
ANTARCTICA - USSR (ANTARCTIC) MIRNYJ 89592 NOV 2003 6633S 09301E OB 1									ANTARCTICA - JAPAN (ANTARCTIC) SYOWA 89532 NOV 2003 6900S 03935E OB 1									ANTARCTICA - AUSTRALIA (ANTARCTIC) MAWSON 89564 NOV 2003 6736S 06252E OB 3								
030	23606	1	-36.1	14.3	1	86	289	20	030	23142	0	-37.9		0	82	266	22	030	23247	1	-38.1	36.9	1	81	276	20
050	20103	1	-41.9	11.4	1	87	284	25	050	19686	0	-46.9		0	83	268	23	050	19789	1	-46.2	33.5	1	82	274	23
100	15521	1	-52.6	8.1	1	89	281	22	100	15246	0	-60.2		0	85	271	16	100	15310	1	-58.0	28.0	2	82	271	20
150	12927	1	-56.0	6.7	2	88	280	18	150	12739	0	-62.3		0	76	270	10	150	12774	1	-60.0	25.4	3	77	267	13
200	11101	1	-56.7	6.1	2	83	279	15	200	10967	0	-63.2		0	40	274	6	200	10977	1	-60.0	20.4	3	66	261	11
300	8523	1	-52.7	5.7	1	61	282	11	300	8459	0	-56.8		0	14	326	3	300	8440	1	-56.2	13.1	2	37	252	6
500	5073	1	-31.3	7.1	1	39	267	4	500	5049	0	-33.2	7.8	0	30	44	4	500	5037	1	-33.8	12.8	1	36	238	4
700	2618	1	-17.5	7.1	1	9	156	1	700	2614	0	-19.1	9.2	0	70	56	6	700	2607	1	-20.6	10.5	1	34	171	3
850	1169	1	-11.6	6.6	1	77	94	7	850	1151	0	-12.4	6.2	0	91	44	9	850	1154	1	-13.9	10.5	1	77	99	6
979	* 30		-7.6	4.4					984	* 21		-7.5	5.5					986	* 16		-8.6	11.3				
ANTARCTICA - AUSTRALIA (ANTARCTIC) DAVIS 89571 NOV 2003 6835N 07758W OB 3									ANTARCTICA - AUSTRALIA (ANTARCTIC) CASEY 89611 NOV 2003 6617S 11031E OB 3									ANTARCTICA - FRANCE (ANTARCTIC) DUMONT D'URVILLE 89642 NOV 2003 6640S 14001E OB 1								
030	23241	2	-37.1	37.6	4	84	283	19	030	23463	1	-37.9	35.4	4	82	292	19	030								
050	19770	1	-45.3	34.0	1	81	281	22	050	19979	1	-42.8	32.3	4	85	286	23	050	20102	1	-39.7		1	82	291	22
100	15286	1	-58.2	29.4	1	84	275	19	100	15419	1	-53.6	27.0	4	85	282	22	100	15454	0	-49.5		0	91	274	25
150	12754	1	-60.4	25.7	1	80	270	13	150	12840	0	-57.3	24.1	2	86	277	18	150	12831	0	-54.1		1	91	269	21
200	10960	0	-60.6	21.0	1	77	273	11	200	11026	0	-58.5	20.0	3	75	272	14	200	10992	0	-55.4		1	92	265	17
300	8429	0	-56.6	12.7	1	55	282	9	300	8472	0	-54.3	13.1	1	37	279	8	300	8414	0	-54.0		1	72	255	14
500	5032	0	-33.9	13.5	1	34	293	4	500	5038	0	-31.6	12.3	1	29	275	4	500	4998	0	-33.9	12.4	0	65	247	8
700	2601	0	-19.9	9.7	1	22	43	2	700	2592	0	-18.3	10.8	1	13	210	1	700	2575	0	-21.0	15.4	0	44	191	4
850	1144	0	-13.7	7.6	3	77	44	6	850	1124	0	-11.6	8.8	1	47	50	4	850	1125	0	-16.1	11.1	0	88	116	8
984	* 13		-6.2	7.8					978	* 42		-6.5	4.2					980	* 43		-8.5	8.1				

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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
SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) PENANG/BAYAN LEPAS 48601 NOV 2003 0518N 10016E OB 3									SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) KOTA BHARU 48615 NOV 2003 0610N 10217E OB 3									SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 NOV 2003 0122N 10359E OB 3								
030	23669	20	-58.4	28.3	9	98	90	30	030	23672	3	-58.6	30.1	3	99	91	30	030	23619	1	-59.6	29.7	2	98	92	32
050	20552	18	-70.1	18.4	9	96	87	16	050	20557	3	-69.8	19.5	3	96	91	15	050	20520	1	-71.2	16.3	2	95	90	16
100	16573	0	-82.0	12.6	1	83	96	12	100	16583	1	-82.3	14.6	1	86	101	13	100	16555	0	-82.3	11.1	1	71	93	10
150	14240	0	-68.3	11.0	1	96	105	14	150	14247	1	-68.2	12.7	1	95	103	14	150	14223	0	-68.8	10.1	1	95	88	13
200	12452	0	-53.1	10.4	1	85	103	9	200	12458	1	-53.0	12.9	1	81	107	8	200	12438	0	-53.3	9.8	0	87	90	8
300	9700	0	-29.9	8.6	1	81	94	5	300	9706	1	-29.7	13.9	1	82	88	6	300	9689	0	-30.0	9.7	0	75	86	5
500	5864	0	-5.0	7.8	1	84	91	5	500	5869	1	-4.7	11.5	1	87	86	6	500	5855	0	-5.1	5.9	0	62	93	4
700	3143	0	9.8	6.0	1	71	77	3	700	3147	1	9.9	7.3	1	82	77	5	700	3134	0	9.6	4.9	0	22	33	1
850	1502	0	18.4	5.2	1	68	62	3	850	1507	1	17.9	5.5	1	81	70	5	850	1494	0	18.0	4.1	0	31	315	2
1009	* 4		26.2	2.8					1010	* 5		26.0	1.6					1007	* 16		26.7	2.1				
SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII, 91285 NOV 2003 1943N 15504W OB 2									SW PACIFIC - NEW CALEDONIA NOUMEA (NLE-CALEDONIE) 91592 NOV 2003 2216S 16627E OB /									SW PACIFIC - FIJI NANDI 91680 NOV 2003 1745S 17727E OB 3								
030	23755	5	-59.0	13.8	4	93	90	8	030	23777	3	-57.9		4		78	10	030	23805	14	-56.8					
050	20591	3	-64.8	11.3	3	78	95	3	050	20605	1	-65.1		3	92	67	6	050	20650	4	-64.6					
100	16525	1	-76.4	8.7	2	88	287	12	100	16515	1	-76.5		3	95	273	20	100	16597	0	-79.3	18.3				
150	14141	1	-66.6	10.6	1	88	279	22	150	14128	0	-65.5		1	95	272	39	150	14231	0	-66.2	19.7				
200	12352	0	-54.3	13.2	1	85	279	22	200	12325	0	-52.2		1	93	277	41	200	12429	0	-52.3	20.5				
300	9635	0	-33.8	15.7	0	77	285	15	300	9588	0	-33.1	21.8	1	97	281	34	300	9680	0	-30.6	19.6				
500	5851	0	-7.1	23.2	0	38	270	4	500	5816	0	-8.5	28.9	1	87	286	13	500	5855	0	-5.6	21.7				
700	3147	1	7.6	21.7	0	36	96	3	700	3130	0	6.8	24.4	1	53	315	5	700	3144	0	9.3	21.4				
850	1532	0	13.4	2.6	1	47	97	3	850	1519	0	12.0	4.5	1	58	57	4	850	1510	0	16.7	8.4				
1015	* 11		20.8	2.5					1009	* 72		25.0	7.5					1010	* 25							
SW PACIFIC - SAMOA (USA) PAGO PAGO/INT. AIRPORT 91765 NOV 2003 1420S 17043W OB 2									SW PACIFIC - FRENCH POLY. (MARQUESAS) ATUONA 91925 NOV 2003 0948S 13902W OB 3									SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 NOV 2003 1733S 14937W OB 2								
030	23725	10	-57.5	17.3					030	23690	3	-58.1		5		88	24	030	23750	7	-57.5		7	96	88	12
050	20575	7	-68.0	8.7	8	98	89	11	050	20547	1	-69.0		1	96	81	14	050	20596	1	-65.8		2	94	80	9
100	16572	5	-81.6	5.3	6	63	249	7	100	16544	0	-79.6		0	73	263	8	100	16533	1	-78.0		1	76	264	10
150	14229	5	-67.7	6.7	6	84	248	13	150	14194	0	-67.6		0	77	266	12	150	14166	1	-67.3		1	84	246	19
200	12438	5	-53.2	8.8	6	81	267	11	200	12408	0	-53.6		0	55	260	9	200	12385	1	-54.5		1	74	253	16
300	9696	5	-30.8	12.4	7	67	270	8	300	9676	0	-31.8	21.7	0	36	258	5	300	9659	1	-32.5	12.7	2	70	262	12
500	5871	4	-5.5	11.3	5	29	347	2	500	5855	0	-4.8	28.5	0	58	93	4	500	5856	2	-6.3	15.7	2	65	279	6
700	3151	3	10.2	7.7	4	41	51	3	700	3129	0	11.1	28.4	0	67	97	4	700	3144	0	9.2	7.5	2	64	306	4
850	1508	2	17.7	2.9	3	64	84	5	850	1494	0	16.2	3.4	0	92	89	6	850	1510	0	16.7	2.9	2	36	8	2
1010	* 3		26.9	2.8					1003	* 52		30.2	7.3					1011	* 2		28.6	5.5				

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# NOVEMBER 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL	TEMPERATURE				VECTOR WIND			LEVEL	TEMPERATURE				VECTOR WIND								
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED				
																											hPa	gpm	°C	°C
SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 NOV 2003 2308S 13458W OB									SW PACIFIC - FRENCH POLY. (AUSTRAL IS) TUBUAI 91954 NOV 2003 2321S 14929W OB									SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 NOV 2003 2737S 14420W OB 3												
030	23784	6	-57.9		6	88	68	7	030	23773	3	-58.2		3	94	74	9	030												
050	20606	1	-63.9		1	82	88	5	050	20602	0	-64.2		0	75	82	5	050	20610	8	-62.6		8	70	98	4				
100	16468	1	-72.9		1	94	262	16	100	16479	0	-74.1		0	91	262	15	100	16433	6	-70.6		6	93	257	14				
150	14065	1	-67.3		1	90	259	28	150	14083	0	-66.5		0	90	254	29	150	14001	6	-65.2		6	90	254	27				
200	12295	0	-56.5		1	92	263	29	200	12301	0	-55.1		0	85	260	29	200	12222	6	-57.2		6	87	262	30				
300	9598	0	-34.9	10.2	0	87	266	21	300	9593	0	-34.4	12.7	0	82	266	22	300	9526	1	-36.9	13.5	2	92	271	25				
500	5829	0	-8.1	14.6	0	88	272	12	500	5821	0	-7.7	20.1	0	79	269	12	500	5784	0	-10.1	23.0	0	87	275	14				
700	3137	0	7.5	21.7	0	88	275	7	700	3124	0	7.8	21.7	0	65	278	7	700	3114	0	5.1	19.9	0	56	280	5				
850	1519	0	13.6	5.4	1	31	313	2	850	1506	0	12.8	4.2	1	53	322	4	850	1510	0	10.7	6.3	0	27	334	2				
1005	* 89		24.1	4.8					1013	* 3		25.0	5.1					1016	* 2		21.9	5.2								
SW PACIFIC - NEW ZEALAND WHENUAPAI 93112 NOV 2003 3678S 17463E OB 1									SW PACIFIC - NEW ZEALAND PARAPARAUMU AERODROME 93417 NOV 2003 4054S 17459E OB 1									SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 NOV 2003 4625S 16819W OB 1												
030	23866	8	-55.0		9	96	77	9	030	23894	8	-52.4						030	23913	13	-49.3		9	33	25	2				
050	20618	2	-57.6		4	17	341	1	050	20611	3	-54.8		4	52	319	3	050	20596	6	-52.8		5	69	259	6				
100	16285	0	-60.7		1	91	270	15	100	16223	0	-57.5		1	88	269	14	100	16138	1	-54.1		1	90	263	17				
150	13748	0	-57.1		1	91	268	22	150	13652	0	-55.6		1	90	267	22	150	13530	1	-52.9		1	91	259	24				
200	11923	0	-55.8		1	83	266	23	200	11819	0	-56.1		1	82	262	24	200	11678	1	-54.3		1	92	256	28				
300	9285	0	-43.4		1	75	264	20	300	9198	0	-45.2		1	77	257	21	300	9056	0	-47.0		0	84	254	26				
500	5652	0	-17.1	19.4	0	83	261	14	500	5589	0	-18.7	15.1	1	81	260	14	500	5490	0	-21.6	13.7	0	88	255	20				
700	3046	0	-1.1	15.4	0	81	250	10	700	2999	0	-2.9	14.5	2	82	267	10	700	2929	0	-6.3	15.7	0	92	261	16				
850	1476	0	4.8	6.3	0	80	259	9	850	1439	0	3.8	7.3	2	44	302	4	850	1391	0	.2	3.9	0	90	277	13				
1012	* 27		16.9	6.5					1011	* 12		14.9	5.2					1008	* 4		11.7	5.5								
SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 NOV 2003 4357S 17634W OB 1									SW PACIFIC - NEW ZEALAND KERMADEC IS. 93997 NOV 2003 2915S 17755W OB 1									SW PACIFIC - AUSTRALIA DARWIN AIRPORT 94120 NOV 2003 1225S 13053E OB /												
030	23921	3	-51.6		2	82	54	5	030	23880	7	-56.3						030	23743	1	-58.2	31.4	1	98	90	24				
050	20619	1	-53.1		1	58	334	3	050	20681	5	-61.0		8	32	92	2	050	20595	1	-67.0	28.1	1	96	91	13				
100	16177	0	-54.8		0	87	278	14	100	16454	3	-67.7		5	97	276	20	100	16599	1	-81.7	13.8	0	30	94	2				
150	13578	0	-53.3		0	91	274	21	150	13985	3	-61.7		5	96	276	37	150	14252	0	-67.3	13.3	0	59	353	6				
200	11726	0	-53.7		0	87	276	24	200	12179	2	-54.0		4	93	274	40	200	12457	0	-52.4	16.9	0	53	284	4				
300	9104	0	-46.5		0	77	270	25	300	9479	1	-37.9		4	90	279	28	300	9703	0	-30.1	20.1	1	65	237	6				
500	5522	0	-20.6	16.1	0	78	270	18	500	5770	1	-11.9	28.6	4	86	276	14	500	5876	0	-5.1	20.3	0	25	146	2				
700	2951	0	-4.8	15.9	0	77	271	13	700	3116	1	3.6	20.7	2	67	273	7	700	3164	0	9.2	11.5	3	94	106	9				
850	1402	0	2.1	5.5	0	76	275	10	850	1522	1	7.8	7.0	2	36	269	3	850	1522	0	19.3	7.4	3	95	81	6				
1003	* 48		12.7	3.5					1013	* 49		19.5	5.6					1008	* 31		28.6	5.0								

# 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>SW PACIFIC - AUSTRALIA</b> <b>GOVE AIRPORT</b> 94150 NOV 2003 1217S 13649E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>BROOME AIRPORT</b> 94203 NOV 2003 1757S 12214E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>TOWNSVILLE AERO</b> 94294 NOV 2003 1915S 14645E OB /								
030	23713	1	-58.7	30.7	0	99	87	24	030	23741	0	-58.8	31.0	1	96	84	14	030	23785	0	-57.5	31.6	0	94	83	11
050	20576	1	-67.7	22.8	0	99	91	14	050	20585	0	-66.0	26.5	1	93	93	9	050	20617	0	-65.0	29.4	0	93	93	8
100	16589	1	-82.5	13.7	0	38	100	3	100	16561	0	-80.9	15.3	1	91	280	12	100	16571	0	-79.7	16.7	0	89	268	13
150	14250	1	-67.5	14.6	0	22	332	2	150	14207	0	-66.8	17.6	1	97	286	23	150	14208	0	-66.0	20.1	0	90	273	23
200	12456	1	-52.4	18.6	0	59	309	5	200	12411	0	-52.7	19.8	1	95	275	24	200	12404	0	-51.8	25.7	0	90	270	24
300	9700	1	-29.7	23.5	0	45	245	4	300	9667	0	-31.4	26.6	1	92	263	21	300	9656	0	-31.6	27.1	0	91	270	20
500	5872	1	-4.8	24.0	0	32	191	2	500	5866	0	-7.1	20.3	1	77	271	7	500	5855	0	-6.6	24.2	0	78	247	8
700	3157	1	9.5	17.3	0	87	114	8	700	3170	0	9.4	11.1	2	50	29	3	700	3155	0	7.8	18.0	0	58	168	6
850	1517	1	18.9	11.9	0	86	91	7	850	1521	0	22.0	16.3					850	1531	0	15.6	11.7	0	77	107	6
1005	* 54		29.6	8.1					1010	* 7		29.1	7.2					1015	* 9		29.1	11.9				
<b>SW PACIFIC - AUSTRALIA</b> <b>WILLIS ISLAND</b> 94299 NOV 2003 1618S 14959E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>PORT HEDLAND PARDOO</b> 94312 NOV 2003 2022S 11838E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>ALICE SPRINGS AERO</b> 94326 NOV 2003 2348S 13353E OB /								
030	23738	2	-58.1	31.1	2	97	83	16	030	23762	1	-58.6	29.9	3	94	81	11	030	23793	3	-58.2	30.3	4	96	81	10
050	20590	2	-66.8	28.5	2	94	94	10	050	20601	0	-65.5	24.3	2	90	88	6	050	20623	1	-64.0	27.6	3	92	102	8
100	16571	1	-81.8	15.4	1	77	259	7	100	16545	0	-78.3	15.9	3	94	282	15	100	16528	1	-74.9	21.6	3	95	268	16
150	14223	1	-67.0	17.2	1	83	274	14	150	14171	0	-66.1	17.7	1	96	281	31	150	14125	0	-64.6	23.7	2	98	274	36
200	12427	0	-52.4	20.2	0	85	277	16	200	12372	0	-52.6	20.0	0	97	278	34	200	12317	0	-52.1	26.0	2	97	268	37
300	9678	0	-30.9	25.4	0	88	275	14	300	9633	0	-32.6	24.0	0	94	268	26	300	9594	0	-35.1	20.6	2	94	266	24
500	5862	0	-5.5	26.5	0	67	254	6	500	5855	0	-8.1	22.1	0	85	281	11	500	5845	0	-10.2	15.4	2	71	268	9
700	3147	0	9.5	24.3	0	18	190	1	700	3162	0	9.6	15.8	1	79	316	7	700	3171	0	7.5	17.3	2	35	301	3
850	1518	0	15.6	8.7	0	92	106	7	850	1516	0	21.3	19.3	1	24	311	2	850	1538	0	18.6	18.9	2	54	96	4
1012	* 6		28.1	7.1					1010	* 9		28.5	12.1					953	* 546		26.9	19.4				
<b>SW PACIFIC - AUSTRALIA</b> <b>MT ISA AERO</b> 94332 NOV 2003 2041S 13929E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>GERALDTON AIRPORT</b> 94403 NOV 2003 2848S 11442E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>MEEKATHARRA AIRPORT</b> 94430 NOV 2003 2637S 11833E OB 2								
030	23767	2	-58.4	31.2	4	96	83	11	030	23792	4	-57.8	31.5	4	67	87	7	030	23806	4	-57.0	31.0	8	88	81	9
050	20605	2	-65.2	27.9	3	89	96	8	050	20614	3	-63.8	29.6	3	43	89	3	050	20629	0	-63.8	27.2	5	49	100	3
100	16555	1	-79.1	16.1	2	93	267	16	100	16430	1	-67.9	25.0	1	94	272	15	100	16474	0	-70.8	22.4	1	96	273	18
150	14190	1	-66.3	19.3	1	95	276	29	150	13959	0	-61.1	25.2	0	96	274	27	150	14031	0	-62.3	23.1	0	97	278	34
200	12387	1	-51.7	23.8	1	92	271	29	200	12147	0	-54.5	21.7	0	87	276	27	200	12220	0	-53.2	22.3	0	96	279	36
300	9641	1	-32.2	24.1	1	93	270	23	300	9475	0	-39.9	19.5	0	76	272	16	300	9523	0	-37.7	21.3	0	87	278	23
500	5856	1	-8.0	18.6	1	84	241	8	500	5783	0	-12.3	25.0	1	74	279	10	500	5809	0	-11.6	22.7	0	67	288	9
700	3171	1	7.6	16.1	1	32	150	3	700	3128	0	5.6	22.8	1	47	299	4	700	3144	0	6.7	15.6	0	79	301	7
850	1536	1	19.5	18.6	1	53	76	3	850	1511	0	15.6	20.5	1	7	233	1	850	1517	0	17.8	17.1	0	48	26	5
975	* 340		29.8	23.3					1010	* 33		20.4	9.3					954	* 517		24.0	20.6				

# 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	%
<b>SW PACIFIC - AUSTRALIA</b> GILES 94461 NOV 2003 2502S 12817E OB /								<b>SW PACIFIC - AUSTRALIA</b> PERTH AIRPORT 94610 NOV 2003 3156S 11558E OB /								<b>SW PACIFIC - AUSTRALIA</b> EUCLA 94647 NOV 2003 3141S 12853E OB															
030	23783	1	-58.4	30.5	1	95	78	10	030	23789	0	-57.2	31.5	0	56	72	6	030	23834	5	-56.3	28.2									
050	20613	1	-64.0	28.3	2	88	109	7	050	20604	0	-62.8	30.1	0	33	78	2	050	20639	3	-62.6	24.7	8	46	87	3					
100	16498	0	-73.0	20.5	0	94	274	17	100	16379	0	-65.4	27.6	0	90	269	14	100	16423	1	-66.6	20.6	6	84	276	13					
150	14081	0	-64.0	21.9	0	98	276	36	150	13884	0	-60.0	25.9	0	91	278	20	150	13939	0	-60.8	20.0	6	89	277	26					
200	12275	0	-53.0	22.5	0	96	271	38	200	12072	0	-55.5	20.9	0	84	276	21	200	12128	0	-55.0	17.7	5	83	278	26					
300	9563	0	-36.5	20.1	0	88	272	24	300	9419	0	-41.3	17.2	0	72	276	15	300	9462	0	-40.3	16.3	4	75	279	18					
500	5833	0	-11.0	19.0	0	75	276	11	500	5752	0	-14.3	25.3	0	67	265	8	500	5782	0	-13.2	20.2	4	57	275	8					
700	3163	0	7.3	14.1	0	44	299	5	700	3112	0	4.1	23.9	0	55	272	6	700	3136	0	3.9	16.3	4	47	299	5					
850	1529	0	19.6	17.7	2	64	15	6	850	1509	0	12.7	16.0	1	20	294	2	850	1531	0	13.1	13.4	4	52	302	4					
946	* 598		25.4	16.9					1014	* 31		18.4	8.0					1006	* 102		19.3	8.8									
<b>SW PACIFIC - AUSTRALIA</b> COBAR 94711 NOV 2003 3129S 14550E OB /								<b>SW PACIFIC - AUSTRALIA</b> WILLIAMTOWN AERODROME 94776 NOV 2003 3248S 15150E OB /								<b>SW PACIFIC - AUSTRALIA</b> ALBANY AIRPORT 94802 NOV 2003 3456S 11748E OB /															
030	23837	2	-56.9	31.7	3	88	75	8	030	23868	5	-55.6	32.1	9	91	84	9	030	23825	9	-56.3	31.9	9	63	59	6					
050	20639	2	-62.2	30.2	4	77	93	5	050	20651	3	-60.7	30.7	8	62	78	4	050	20621	2	-61.5	30.4	2	17	26	1					
100	16416	1	-66.3	27.7	3	92	262	15	100	16396	0	-64.3	29.0	5	83	259	12	100	16357	1	-63.7	29.6	1	91	273	13					
150	13927	1	-59.6	27.7	2	93	262	24	150	13887	0	-58.7	28.0	5	91	261	20	150	13848	1	-59.4	27.6	1	92	273	19					
200	12109	0	-54.7	21.6	1	93	256	28	200	12062	0	-54.6	22.2	5	74	250	18	200	12034	1	-56.1	20.7	1	84	272	19					
300	9448	0	-40.6	17.9	1	80	250	18	300	9404	0	-41.5	18.7	4	65	248	12	300	9380	0	-42.6	16.5	0	72	277	14					
500	5775	0	-14.4	21.7	1	68	243	8	500	5747	0	-14.8	23.2	4	62	244	6	500	5729	0	-15.0	21.8	0	64	268	9					
700	3140	0	2.3	16.2	0	61	247	6	700	3119	0	1.4	15.4	4	63	233	5	700	3098	0	2.3	20.4	1	42	275	4					
850	1541	0	13.0	15.8	0	21	257	2	850	1530	0	10.0	9.6	4	39	246	2	850	1506	0	9.9	11.2	1	13	341	1					
987	* 264		24.5	17.4					1018	* 8		21.0	8.6					1009	* 69		15.2	3.8									
<b>SW PACIFIC - AUSTRALIA</b> MOUNT GAMBIER AERO 94821 NOV 2003 3744S 14047E OB /								<b>SW PACIFIC - AUSTRALIA</b> MELBOURNE AIRPORT 94866 NOV 2003 3740S 14451E OB								<b>SW PACIFIC - AUSTRALIA</b> WAGGA AIRPORT 94910 NOV 2003 3510S 14727E OB /															
030	23837	6	-54.6	31.5	9	58	53	5	030	23908	3	-53.8	32.5	3	80	64	7	030	23850	0	-55.5	30.3	1	85	77	7					
050	20615	1	-59.2	30.0	4	17	85	1	050	20664	1	-58.5	31.1	1	19	66	1	050	20632	0	-60.1	29.0	1	36	76	2					
100	16323	0	-62.1	28.7	3	86	266	12	100	16346	0	-61.4	29.4	0	90	262	14	100	16355	0	-63.3	27.3	1	91	257	13					
150	13798	0	-58.5	27.7	2	88	264	19	150	13814	0	-57.7	27.7	0	89	257	19	150	13840	0	-58.8	25.7	1	90	258	19					
200	11988	0	-57.4	18.8	2	83	258	21	200	11996	0	-56.8	19.1	0	84	253	20	200	12022	0	-55.7	19.5	1	83	254	20					
300	9361	0	-43.1	16.6	1	67	258	14	300	9362	0	-43.3	14.3	0	58	258	13	300	9379	0	-43.0	15.7	1	65	249	12					
500	5721	0	-16.3	21.3	1	61	267	9	500	5723	0	-16.2	20.1	0	67	264	10	500	5735	0	-15.9	21.0	0	60	252	7					
700	3104	0	1.0	24.0	1	56	274	6	700	3105	0	1.0	18.0	0	59	253	6	700	3115	0	1.1	20.7	1	61	255	6					
850	1519	0	9.1	18.0	1	40	283	4	850	1519	0	9.4	15.9	1	32	258	3	850	1526	0	11.0	16.1	1	44	281	3					
1011	* 69		16.8	7.8					1006	* 132		17.3	9.5					993	* 213		21.3	12.7									

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
SW PACIFIC - AUSTRALIA HOBART AIRPORT 94975 NOV 2003 4250S 14729E OB /									SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) LORD HOWE ISLAND AERO 94995 NOV 2003 3132S 15904E OB /									SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) NORFOLK ISLAND AERO 94996 NOV 2003 2902S 16756E OB /								
030	23881	0	-52.5	32.9	2	47	36	3	030	23856	7	-56.1	32.0	9	94	78	8	030	23850	3	-56.6	29.5	3	97	75	10
050	20618	0	-56.1	31.8	0	43	271	3	050	20640	5	-60.9	30.6	6	45	85	2	050	20647	2	-61.4	28.8	2	39	29	2
100	16247	0	-58.3	29.8	0	91	264	15	100	16385	4	-64.2	28.6	5	89	261	15	100	16433	0	-67.1	26.3	0	95	273	19
150	13686	0	-56.3	27.1	0	87	259	20	150	13876	3	-58.2	29.7	4	89	262	22	150	13954	0	-60.2	26.9	0	94	275	33
200	11864	0	-57.5	17.2	0	83	256	22	200	12045	2	-54.5	23.1	2	86	268	22	200	12133	0	-53.0	24.9	0	92	277	38
300	9253	0	-45.6	12.6	0	74	253	19	300	9392	2	-42.1	16.8	2	66	262	12	300	9452	0	-39.9	20.9	1	88	280	22
500	5643	0	-18.2	15.7	0	78	255	16	500	5733	2	-14.7	19.3	2	73	260	8	500	5765	0	-13.0	26.0	1	78	276	10
700	3049	0	-1.8	18.7	0	82	253	12	700	3105	2	1.3	20.7	0	42	244	4	700	3119	0	3.0	26.6	1	48	260	4
850	1483	0	5.3	11.8	0	81	263	9	850	1522	2	7.9	7.5	0	28	281	2	850	1529	0	8.2	8.2	1	21	265	2
1014	* 27		15.9	9.9					1018	* 6		20.4	6.7					1006	* 109		20.1	7.8				
SW PACIFIC - AUSTRALIA(ADDITIONAL IS.) MACQUARIE ISLAND 94998 NOV 2003 5429S 15856E OB 3									SW PACIFIC - BRUNEI DARUSSALAM BRUNEI AIRPORT 96315 NOV 2003 0456N 11456E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 96413 NOV 2003 0129N 11020E OB 3								
030	23890	2	-45.6	33.2	3	69	298	6	030									030	23678	7	-58.7	31.0	7	98	90	30
050	20503	2	-47.5	32.5	3	82	279	12	050									050	20555	0	-70.0	17.8	0	97	91	18
100	15945	2	-49.5	31.6	4	91	267	21	100	16570	21	-81.6	11.1	9	93	89	15	100	16581	0	-81.7	11.5	0	88	88	12
150	13299	0	-50.0	29.4	5	90	260	25	150	14238	10	-68.2	10.2	9	94	92	15	150	14248	0	-68.5	10.3	0	94	88	14
200	11422	0	-50.9	25.6	4	91	258	29	200	12448	10	-52.9	10.2	9	86	97	9	200	12461	0	-53.0	9.7	0	89	93	9
300	8776	0	-47.7	17.5	2	83	256	30	300	9697	9	-30.0	10.0	9	84	99	5	300	9708	0	-29.7	7.8	0	84	97	5
500	5262	0	-27.1	11.2	1	88	260	24	500	5861	9	-5.0	7.3	9	74	87	4	500	5871	0	-4.9	5.4	0	75	92	4
700	2760	0	-11.8	9.7	1	87	258	18	700	3139	9	9.8	5.0	9	46	88	2	700	3149	0	9.7	4.1	0	13	138	1
850	1251	0	-4.7	3.8	1	85	260	14	850	1497	9	18.1	3.4	9	2	219	0	850	1508	0	18.2	4.4	0	43	269	2
993	* 6		4.7	3.3					1004	* 15		26.5	2.2					1008	* 27		24.8	1.3				
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) BINTULU 96441 NOV 2003 0312N 11302E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KOTA KINABALU 96471 NOV 2003 0556N 11603E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 NOV 2003 0416N 11753E OB 3								
030	23670	0	-58.7	29.2	1	99	91	31	030	23675	12	-58.1	29.3	9	98	94	30	030	23680	0	-58.8	30.9	1	99	92	30
050	20554	0	-70.6	18.0	0	97	90	16	050	20561	2	-69.9	20.9	2	96	89	15	050	20560	0	-70.3	18.4	1	97	88	18
100	16581	0	-81.8	13.3	0	90	90	14	100	16590	0	-82.2	13.6	0	94	93	16	100	16590	0	-82.1	14.6	0	94	90	16
150	14247	0	-68.2	11.9	0	94	88	14	150	14256	0	-67.9	12.1	0	94	95	15	150	14254	0	-68.0	13.4	0	96	90	15
200	12459	0	-52.9	11.5	0	86	90	8	200	12465	0	-52.7	13.6	1	85	97	9	200	12463	0	-52.7	13.7	0	88	93	10
300	9706	0	-29.7	9.5	0	75	92	4	300	9711	0	-29.7	12.5	1	81	99	5	300	9710	0	-29.6	18.0	0	75	99	5
500	5869	0	-4.9	6.2	0	79	99	4	500	5873	0	-4.7	10.5	0	81	86	5	500	5871	0	-4.6	11.4	0	71	93	4
700	3147	0	9.9	6.3	0	29	99	2	700	3148	0	10.1	6.3	0	53	89	2	700	3146	0	10.3	8.0	0	40	63	2
850	1505	0	18.2	4.7	0	23	252	1	850	1506	0	18.4	5.1	0	15	337	1	850	1502	0	18.9	6.0	0	34	3	2
1007	* 5		25.5	2.3					1010	* 3		26.2	2.7					1007	* 20		26.5	4.3				

# UPPER AIR

# NOVEMBER 2003

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
hPa	gpm		° C	° C		%	°	mps	hPa	gpm		° C	° C		%	°	mps	hPa	gpm		° C	° C		%	°	mps	
SW PACIFIC - AUSTRALIA (OCEAN ISLANDS) COCOS ISLAND AERO 96996 NOV 2003 1211S 09649E OB 3																											
030	23671	2	-58.9	25.5	4	98	89	23																			
050	20537	2	-67.9	18.6	4	95	84	13																			
100	16549	2	-82.0	11.8	4	16	227	1																			
150	14210	2	-68.2	12.3	4	67	321	8																			
200	12422	2	-53.3	14.4	4	81	301	9																			
300	9678	2	-30.5	20.3	3	74	262	8																			
500	5853	2	-5.4	20.8	3	34	268	2																			
700	3138	2	9.3	16.3	3	9	30	1																			
850	1506	2	15.7	5.1	3	79	107	5																			
1012	* 3		24.9	4.1																							

# 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
<b>ASIA - THAILAND</b> <b>CHIANG MAI</b> 48327 AUG 2003 1847N 09859E OB 1																											
030																											
050	20807	5	-63.1		9	99	96	21																			
100	16725	1	-77.8		2	99	88	27																			
150	14343	0	-63.8		1	98	86	20																			
200	12524	0	-48.7		0	96	88	13																			
300	9735	0	-26.4	33.5	0	93	85	6																			
500	5863	0	-2.4	7.3	0	27	85	1																			
700	3120	0	12.0	7.3	0	52	282	3																			
850	1468	0	20.0	15.8	0	87	285	4																			
971	* 314		24.7	22.8																							
<b>S AMERICA - BRAZIL</b> <b>BELEM (AEROPORTO)</b> 82193 SEP 2003 0123S 04829W OB 2									<b>S AMERICA - BRAZIL</b> <b>MANAUS (AEROPORTO)</b> 82332 SEP 2003 0309S 05959W OB 2									<b>S AMERICA - BRAZIL</b> <b>FORTALEZA</b> 82397 SEP 2003 0346S 03836W OB									
030	23925	7	-55.3	25.0	7	99	96	30	030	23911	5	-56.6	25.6	8	99	96	30	030	23787	12	-57.8		9	98	93	30	
050	20742	4	-65.6	21.7	4	96	88	13	050	20739	0	-66.0	19.6	1	90	89	10	050	20643	5	-67.7		6	95	87	10	
100	16630	3	-76.0	16.2	4	29	130	2	100	16619	0	-76.5	12.2	0	29	116	2	100	16565	2	-77.8		2	29	108	2	
150	14248	3	-66.9	16.9	4	53	260	4	150	14244	0	-67.3	13.0	0	47	274	4	150	14203	2	-67.9		2	61	277	6	
200	12454	1	-52.9	18.4	1	29	230	2	200	12451	0	-53.2	14.2	0	43	246	3	200	12419	2	-54.4		3	36	301	2	
300	9710	1	-30.6	26.7	1	50	52	3	300	9707	0	-30.9	16.0	0	22	100	1	300	9689	2	-31.9	29.0	2	44	51	4	
500	5882	1	-5.7	24.6	1	93	91	6	500	5886	0	-6.0	16.0	0	75	80	4	500	5878	2	-5.8	32.0	3	92	98	6	
700	3169	1	8.7	10.1	1	99	102	10	700	3175	0	8.5	6.3	0	93	93	7	700	3169	2	9.1	19.3	3	88	96	7	
850	1531	1	18.8	6.2	1	96	113	8	850	1538	0	18.2	3.3	0	99	80	9	850	1538	2	15.9	8.6	3	96	127	11	
1012	* 16		27.6	3.5					1004	* 84		26.0	2.2					1012	* 26		28.0	6.9					
<b>S AMERICA - BRAZIL</b> <b>FLORIANO</b> 82678 SEP 2003 0646S 04301W OB 2									<b>S AMERICA - BRAZIL</b> <b>CAROLINA</b> 82765 SEP 2003 0720S 04728W OB 2									<b>S AMERICA - BRAZIL</b> <b>PORTO VELHO (AEROPORTO)</b> 82824 SEP 2003 0846S 06355W OB									
030	23792	9	-57.9		9	99	95	26	030									030	23823	11	-57.9		9	99	91	26	
050	20656	4	-66.4		6	96	90	11	050									050	20654	11	-64.2		9	95	89	10	
100	16573	3	-77.1		5	21	168	2	100	16588	8	-77.1		8	24	150	2	100	16564	10	-76.0		9	6	211	1	
150	14209	2	-68.0		3	83	260	8	150	14223	7	-67.8		7	68	254	6	150	14190	10	-67.9		9	65	270	8	
200	12424	2	-54.3		3	79	263	8	200	12438	7	-54.1		7	75	251	8	200	12408	10	-54.6		9	67	274	8	
300	9694	2	-31.8	29.5	3	24	333	2	300	9705	7	31.8	24.0	7	31	283	2	300	9680	10	-32.1	14.0	9	65	269	6	
500	5884	2	-5.7	30.4	3	83	101	5	500	5894	7	-4.9	26.3	7	67	113	4	500	5877	10	-6.6	8.8	9	38	5	2	
700	3173	2	8.0	13.3	3	73	129	6	700	3181	6	7.7	7.8	6	93	104	7	700	3170	10	8.5	5.1	9	92	67	6	
850	1542	2	17.3	9.0	3	96	99	8	850	1546	6	19.0	9.3	6	90	75	7	850	1533	10	18.2	4.4	9	78	67	4	
1001	* 123		29.4	11.7					993	* 192		27.1	6.1					1003	* 102		24.1	.4					



# 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
<b>S AMERICA - BRAZIL</b> <b>RECIFE (CURADO)</b> 82900 SEP 2003 0803S 03455W OB 2																											
030	23820	15	-57.4																								
050	20660	6	-65.4		7	88	73	8																			
100	16578	6	-77.1		8	29	261	2																			
150	14204	4	-68.1		7	92	268	12																			
200	12422	4	-54.6		7	85	279	12																			
300	9694	3	-32.4	27.5	9	50	315	4																			
500	5883	3	-5.3	39.3	9	55	98	3																			
700	3174	3	9.2	24.4	9	64	97	4																			
850	1547	3	14.4	4.3	9	95	126	6																			
1016	* 7		27.0	10.6																							
<b>EUROPE - TURKEY</b> <b>ISPARTA</b> 17240 OCT 2003 3745N 03033E OB 3									<b>ASIA - INDIA</b> <b>NEW DELHI/SAFDARJUNG</b> 42182 OCT 2003 2835N 07712E OB 3									<b>ASIA - INDIA</b> <b>BHUBANESWAR</b> 42971 OCT 2003 2015N 08550E OB 3									
030	23847	4	-56.5	30.4	6	79	264	11	030									030									
050	20640	2	-60.6	29.0	4	91	254	16	050									050									
100	16351	2	-63.4	22.1	6	94	266	31	100	16570	1	-70.8		9	70	253	18	100									
150	13861	1	-62.4	16.1	5	93	276	41	150	14151		-62.8		4	87	250	36	150	14270	6	-67.6		8	49	182	5	
200	12078	1	-59.2	12.7	4	91	280	48	200	12348		-52.0	13.3		83	252	39	200	12465	1	-53.0		3	54	200	5	
300	9443	0	-40.8	12.6	1	83	279	30	300	9598		-33.3	12.6		96	283	33	300	9713	1	-30.5		3	36	211	2	
500	5758	0	-12.8	14.8	0	86	276	29	500	5849		-8.8	17.9		61	274	9	500	5870		-4.6	8.5		39	171	3	
700	3112	0	2.9	13.3	0	79	271	20	700	3144		8.0	18.9		60	322	6	700	3140		10.5	8.1		53	157	4	
850	1513	0	12.0	10.7	0	3	261	4	850	1516		18.6	22.5		57	328	5	850	1495		19.0	3.8		61	132	4	
904	* 997		10.0	4.5					979	* 216		24.0	8.1					1003	* 46		26.2	1.7					
<b>ASIA - INDIA</b> <b>HYDERABAD AIRPORT</b> 43128 OCT 2003 1727N 07828E OB 3									<b>ASIA - INDIA</b> <b>GOA/PANJIM</b> 43192 OCT 2003 1529N 07349E OB 3									<b>ASIA - INDIA</b> <b>MANGALORE/PANAMBUR</b> 43285 OCT 2003 1257N 07450E OB 3									
030									030									030									
050									050									050									
100									100									100									
150									150									150	14255	7	-66.0						
200	12419	5	-54.2						200	12429	6	-50.8		8	45	121	5	200	12454	4	-51.9						
300	9679	1	-31.0	9.0					300	9671	3	-30.8	13.8	2	51	72	3	300	9699	1	-29.2						
500	5850	1	-4.6	7.5					500	5855	2	-4.7	13.6	2	55	74	3	500	5857		-4.5	9.7					
700	3128		9.4	7.1					700	3139	1	9.0	18.9	1	35	70	2	700	3141		9.0	7.5					
850	1490		19.0	6.7					850	1512	1	18.4	6.9	1	43	35	2	850	1512		17.9	4.2	5	24	42	1	
948	* 545		24.6	5.3					1001	* 60		28.0	3.5					1005	* 31		26.6	2.2					

# 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>ASIA - INDIA</b> <b>COCHIN/WILLINGDON</b> 43353 OCT 2003 0957N 07616E OB 3									<b>ASIA - INDIA</b> <b>THIRUVANANTHAPURAM</b> 43371 OCT 2003 0829N 07657E OB 3									<b>AFRICA - SOUTH AFRICA</b> <b>PIETERSBURG</b> 68174 OCT 2003 2350S 02925E OB 2									
030									030									030	23810	5	-59.0						
050									050	20643	9	-64.3			9	96	105	16	050	20645	4	-64.8					
100									100	16501	4	-79.8			4	63	131	5	100	16531	2	-72.5					
150									150	14155	2	-68.5			4	79	112	11	150	14104	2	-64.2					
200	12387	6	-54.5						200	12378	1	-54.9			3	79	100	12	200	12307	1	-56.0	15.9				
300	9654	5	-31.9	8.2					300	9642		-31.1	8.9		2	65	74	5	300	9619	0	-36.2	16.3				
500	5831	1	-5.2	6.8					500	5820		-5.5	5.5		16	317	1	500	5864	0	-9.9	15.6					
700	3114		9.7	6.6					700	3108		9.2	5.8		52	292	4	700	3174	0	9.6	13.2					
850	1484		16.8	2.6					850	1480		17.3	3.4		62	296	4	850	1534	0	17.2	10.0					
1008	* 3		27.2	3.2					1001	* 64		26.7	2.6					881	*1237		16.3	7.3					

# STATION LIST RECENT DATA

06030	C	AALBORG	DENMARK & FAROE IS.	71082	T	ALERT UA, N.W.T.	CANADA
04220	CT	AASIAAT (EGEDESMINDE)	GREENLAND	08359	C	ALICANTE	SPAIN
40831	C	ABADAN	IRAN, ISLAMIC REP	94326	CT	ALICE SPRINGS AERO	AUSTRALIA
47409	C	ABASHIRI	JAPAN	42475	C	ALLAHABAD/BAMHRAULI	INDIA
07005	C	ABBEVILLE	FRANCE	72517	C	ALLENTOWN/A.-BETHLEHEM-.,PA.	USA
03091	C	ABERDEEN/DYCEAIRPORT	U KINGDOM	36870	C	ALMATY	KAZAKHSTAN
03502	C	ABERPORTH	U KINGDOM	08487	C	ALMERIA/AEROPUERTO	SPAIN
41112	C	ABHA	SAUDI ARABIA	44277	C	ALTAI	MONGOLIA
72266	C	ABILENE/MUN.,TX.	USA	51076	C	ALTAY	CHINA
41217	CT	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	97240	C	AMPENAN/SELAPARANG	INDONESIA
62640	C	ABU HAMED	SUDAN	42071	C	AMRITSAR	INDIA
62795	C	ABU NA'AMA	SUDAN	25563	C	ANADYR'	RUSSIAN FEDERATION
76805	C	ACAPULCO,GRO.	MEXICO	70273	CT	ANCHORAGE/INT.	USA
80427	C	ACARIGUA	VENEZUELA	10291	C	ANGERMUENDE	GERMANY
63450	CT	ADDIS ABABA-BOLE	ETHIOPIA	17130	CT	ANKARA/CENTRAL	TURKEY
60620	C	ADRAR	ALGERIA	60360	C	ANNABA	ALGERIA
76644	C	AEROP.INTERNACIONALMERIDA,	MEXICO	70398	C	ANNETTEISLAND	USA
87582	C	AEROPARQUEBS. AS. AERO	ARGENTINA	17300	C	ANTALYA	TURKEY
86246	C	AEROPUERTOINT GUARANI	PARAGUAY	67083	CT	ANTANANARIVO/IVATO	MADAGASCAR
17190	C	AFYON	TURKEY	85442	CT	ANTOFAGASTA	CHILE
61024	C	AGADEZ	NIGER	40718	C	ANZALI	IRAN, ISLAMIC REP
61974	C	AGALEGA	MAURITIUS	47575	C	AOMORI	JAPAN
42647	CT	AHMADABAD	INDIA	98232	C	APARRI	PHILIPPINES
47602	C	AIKAWA	JAPAN	80084	C	APARTADO/LOSCEDROS	COLOMBIA
60560	C	AIN SEFRA	ALGERIA	83096	C	ARACAJU	BRAZIL
61499	C	AIONEL ATROUSS	MAURITANIA	48462	C	ARANYAPRATHET	THAILAND
07761	C	AJACCIO	FRANCE	40357	C	ARAR	SAUDI ARABIA
31168	C	AJAN	RUSSIAN FEDERATION	80099	C	ARAUCA/SANTIAGOPEREZ	COLOMBIA
47582	CT	AKITA	JAPAN	83579	C	ARAXA	BRAZIL
61437	C	AKJOUJT	MAURITANIA	84752	C	AREQUIPA	PERU
42933	C	AKOLA	INDIA	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
72521	C	AKRON/AKRON-CANTONREG., OH.	USA	85406	C	ARICA	CHILE
04063	C	AKUREYRI	ICELAND	10091	C	ARKONA	GERMANY
04082	C	AKURNES	ICELAND	10460	C	ARTERN	GERMANY
40420	C	AL AHSA	SAUDI ARABIA	86330	C	ARTIGAS	URUGUAY
41055	C	AL BAHA	SAUDI ARABIA	44288	C	ARVAIHEER	MONGOLIA
40373	C	AL QAYSUMAH	SAUDI ARABIA	60452	C	ARZEW	ALGERIA
40361	C	AL-JOUF	SAUDI ARABIA	47407	C	ASAHIKAWA	JAPAN
08280	C	ALBACETE/LOSLLANOS	SPAIN	72315	C	ASHEVILLE/MUN.,NC	USA
94802	CT	ALBANY AIRPORT	AUSTRALIA	62414	CT	ASSWAN	EGYPT
72365	C	ALBUQUERQUE/INT.,NM.	USA	34880	C	ASTRAHAN'	RUSSIAN FEDERATION
31004	CT	ALDAN	RUSSIAN FEDERATION	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
07139	C	ALENCON	FRANCE	65376	C	ATAKPAME	TOGO
40007	C	ALEPPO INT. AIRPORT	SYRIAN ARAB REP	62680	C	ATBARA	SUDAN

# STATION LIST RECENT DATA

17607	T	ATHALASSA	CYPRUS	86011	C	BASE 5 "GRAL.A.JARA"	PARAGUAY
16716	C	ATHINAI (AIRPORT)	GREECE	89057	C	BASE ARTUROPRAT	CHILE
72219	C	ATLANTA/MUN.,GA.	USA	89034	C	BASE BELGRANOII	ARGENTINA
72407	C	ATLANTIC CITY, NJ.	USA	89059	C	BASE BERNARDOO'HIGGINS	CHILE
91925	CT	ATUONA	FRENCH POLY.	88963	C	BASE ESPERANZA	ARGENTINA
72218	C	AUGUSTA/BUSHFIELD, GA.	USA	89053	C	BASE JUBANY	ARGENTINA
72254	C	AUSTIN/ROBERTMUELLER.,TX.	USA	89055	CT	BASE MARAMBIO (CENTROMET. A	ARGENTINA
08330	C	BADAJOS/TALAVERALA REAL	SPAIN	88968	C	BASE ORCADAS	ARGENTINA
30554	C	BAGDARIN	RUSSIAN FEDERATION	89066	C	BASE SAN MARTIN	ARGENTINA
83980	C	BAGE	BRAZIL	07790	CT	BASTIA	FRANCE
71727	C	BAGOTVILLE,QUE.	CANADA	44302	C	BAYAN-OVOO	MONGOLIA
98328	C	BAGUIO	PHILIPPINES	44275	C	BAYANBULAG	MONGOLIA
87750	C	BAHIA BLANCA AERO	ARGENTINA	44352	C	BAYANDELGER	MONGOLIA
86033	C	BAHIA NEGRA	PARAGUAY	44287	C	BAYANHONGOR	MONGOLIA
41150	C	BAHRAIN (INT. AIRPORT)	BAHRAIN	60571	CT	BECHAR	ALGERIA
44265	C	BAITAG	MONGOLIA	72412	C	BECKLEY (RALEIGHCTY.MUN),WV.	USA
71926	CT	BAKER LAKE UA,N.W.T.	CANADA	54511	CT	BEIJING	CHINA
07299	C	BALE-MILHOUSE	FRANCE	60402	C	BEJAJA	ALGERIA
35796	C	BALHASH	KAZAKHSTAN	82191	C	BELEM	BRAZIL
96633	C	BALIKPAPAN/SEPINGGAN	INDONESIA	82193	T	BELEM (AEROPORTO)	BRAZIL
85874	C	BALMACEDA	CHILE	03917	C	BELFAST/ALDERGROVEAIRPORT	U KINGDOM
72406	C	BALTIMORE/BALTIMORE-WASHINGT	USA	43198	C	BELGAUM/SAMBRA	INDIA
61291	C	BAMAKO/SENOU	MALI	78583	C	BELIZE/PHILLIPGOLDSTONINTL	BELIZE
43295	C	BANGALORE	INDIA	89050	C	BELLINGSHAUSEN	USSR
64656	C	BANGASSOU	CENTRAL AFRICAN REP	03976	C	BELMULLET	IRELAND
48455	C	BANGKOK	THAILAND	83587	C	BELO HORIZONTE	BRAZIL
64650	C	BANGUI	CENTRAL AFRICAN REP	82246	C	BELTERRA	BRAZIL
41685	C	BAR KHAN	PAKISTAN	40180	C	BEN-GURIONINT. AIRPORT	ISRAEL
82784	C	BARBALHA	BRAZIL	60518	C	BENI-SAF	ALGERIA
80419	C	BARCELONA	VENEZUELA	82410	C	BENJAMIN CONSTANT	BRAZIL
08181	C	BARCELONA/AEROPUERTO	SPAIN	13274	C	BEOGRAD	YUGOSLAVIA
60471	C	BARIKA	ALGERIA	13275	T	BEOGRAD/KOSUTNJAK	YUGOSLAVIA
87765	C	BARILOCHEAERO	ARGENTINA	64600	C	BERBERATI	CENTRAL AFRICAN REP
80440	C	BARINAS	VENEZUELA	01317	C	BERGEN/FLORIDA	NORWAY
29838	C	BARNAUL	RUSSIAN FEDERATION	10385	C	BERLIN-SCHOENEFELD	GERMANY
80410	C	BARQUISIMETO	VENEZUELA	10384	C	BERLIN-TEMPELHOF	GERMANY
82571	C	BARRADO CORDA	BRAZIL	40179	T	BET DAGAN	ISRAEL
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	70219	C	BETHEL/BETHEL AIRPORT, AK.	USA
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	68461	CT	BETHLEHEM	SOUTH AFRICA
83236	C	BARREIRAS	BRAZIL	42971	CT	BHUBANESWAR	INDIA
70026	CT	BARROW/W.POST W. ROGERS	USA	97560	C	BIAK/MOKMER	INDONESIA
44305	C	BARUUN-URT	MONGOLIA	12295	C	BIALYSTOK	POLAND
44241	C	BARUUNKHARAA	MONGOLIA	42165	C	BIKANER	INDIA
44213	C	BARUUNTURUUN	MONGOLIA	72677	C	BILLINGS/LOGANINT., MT.	USA

# STATION LIST RECENT DATA

61017	C	BILMA	NIGER	16320	T	BRINDISI	ITALY
72515	C	BINGHAMTON/BROOME CO., NY.	USA	11723	C	BRNO/TURANY	CZECH REP
96441	CT	BINTULU	MALAYSIA	10453	C	BROCKEN	GERMANY
61401	C	BIR MOGHREIN	MAURITANIA	94203	CT	BROOME AIRPORT	AUSTRALIA
61075	C	BIRNI-N' KONNI	NIGER	72250	C	BROWNSVILLE/INT.,TX.	USA
41084	C	BISHA	SAUDI ARABIA	96315	CT	BRUNEI AIRPORT	BRUNEI DARUSSALAM
60525	C	BISKRA	ALGERIA	80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA
72764	CT	BISMARCK/MUN.,ND.	USA	15420	CT	BUCURESTI/IMH	ROMANIA
15085	C	BISTRITA	ROMANIA	12843	CT	BUDAPEST/LORINC	HUNGARY
64510	C	BITAM	GABON	87585	C	BUENOS AIRES OBSERVATORIO	ARGENTINA
01028	CT	BJORNOYA	NORWAY	72528	C	BUFFALO/GREATER BUFFALO, NY.	USA
31510	CT	BLAGOVESCENSK	RUSSIAN FEDERATION	67964	C	BULAWAYO(GOETZ OBSY.)	ZIMBABWE
68442	CT	BLOEMFONTEIN AIRPORT	SOUTH AFRICA	44239	C	BULGAN	MONGOLIA
82024	C	BOA VISTA	BRAZIL	08075	C	BURGOS/VILLAFRIA	SPAIN
65510	C	BOBO-DIOULASSO	BURKINA FASO	72617	C	BURLINGTON/INTL.VT.	USA
01152	CT	BODO	NORWAY	17116	C	BURSA	TURKEY
80222	CT	BOGOTA/ELDORADO	COLOMBIA	98330	C	CABANATUAN	PHILIPPINES
29282	C	BOGUCANY	RUSSIAN FEDERATION	08261	C	CACERES	SPAIN
65338	C	BOHICON	BENIN	07027	C	CAEN	FRANCE
72681	C	BOISE/MUN.,ID.	USA	16560	T	CAGLIARI/ELMAS	ITALY
83288	CT	BOM JESUS DA LAPA	BRAZIL	94287	C	CAIRNS AERO	AUSTRALIA
43057	C	BOMBAY/COLABA	INDIA	80442	C	CALABOZO	VENEZUELA
43003	T	BOMBAY/SANTACRUZ	INDIA	42807	C	CALCUTTA/ALIPORE	INDIA
31253	C	BOMNAK	RUSSIAN FEDERATION	42809	T	CALCUTTA/DUMDUM	INDIA
65545	C	BONDOUKOU	COTE D'IVOIRE	80259	C	CALI/ALFONSO BONILLA ARAGON	COLOMBIA
23884	C	BOR	RUSSIAN FEDERATION	68618	C	CALVINIA	SOUTH AFRICA
91929	C	BORA-BORA	FRENCH POLY. ON	03808	T	CAMBORNE	U KINGDOM
07510	C	BORDEAUX/MERIGNAC	FRANCE	71925	T	CAMBRIDGE BAY UA, N.W.T.	CANADA
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	85315	C	CAMIRI	BOLIVIA
65516	C	BOROMO	BURKINA FASO	83612	T	CAMPO GRANDE (AEROPORTO)	BRAZIL
72509	C	BOSTON/LOGAN INT., MA	USA	83698	C	CAMPOS	BRAZIL
60515	C	BOU-SAADA	ALGERIA	17112	C	CANAKKALE	TURKEY
64601	C	BOUAR	CENTRAL AFRICAN REP	07661	C	CAP CEPET	FRANCE
61296	C	BOUGOUNI	MALI	71910	C	CAPE DORSET, N.W.T.	CANADA
60417	C	BOUIRA	ALGERIA	72304	C	CAPE HATTERAS, NC.	USA
07255	C	BOURGES	FRANCE	68816	CT	CAPE TOWN INTNL. AIRPORT	SOUTH AFRICA
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	80416	C	CARACAS/LACARLOTA	VENEZUELA
08575	C	BRAGANCA	PORTUGAL	80415	C	CARACAS/MAIQUETIA AEROP. INT	VENEZUELA
83377	C	BRASILIA	BRAZIL	83592	C	CARATINGA	BRAZIL
83378	T	BRASILIA (AEROPORTO)	BRAZIL	83498	CT	CARAVELAS	BRAZIL
30309	C	BRATSK	RUSSIAN FEDERATION	72712	C	CARIBOU/MUN.,ME.	USA
64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO	82765	CT	CAROLINA	BRAZIL
07110	C	BREST	FRANCE	86580	C	CARRASCO	URUGUAY
64655	C	BRIA	CENTRAL AFRICAN REP	80432	C	CARRIZAL	VENEZUELA

# STATION LIST RECENT DATA

80022	C	CARTAGENA/RAFAELNUNEZ	COLOMBIA	48517	C	CHUMPHON	THAILAND
60155	CT	CASABLANCA	MOROCCO	47101	C	CHUNCHON	REP KOREA
03967	C	CASEMENT AERODROME	IRELAND	71913	T	CHURCHILLUA,MAN.	CANADA
89611	CT	CASEY	AUSTRALIA	96805	C	CILACAP	INDONESIA
72569	C	CASPER/NATRONACOUNTYI.,WY.	USA	72421	C	CINCINNATI/GREATERCIN., OH.	USA
87222	C	CATAMARCAAERO.	ARGENTINA	80444	C	CIUDAD BOLIVAR	VENEZUELA
83676	C	CATANDUVA	BRAZIL	86248	C	CIUDAD DEL ESTE	PARAGUAY
81405	C	CAYENNE/ROCHAMBEAU	FRENCH GUIANA	08348	C	CIUDAD REAL	SPAIN
94653	C	CEDUNA AIRPORT	AUSTRALIA	07460	C	CLERMONT-FERRAND	FRANCE
89056	C	CENTRO MET.ANTARTICO''PDTE.ED	CHILE	15120	C	CLUJ-NAPOCA	ROMANIA
87257	C	CERES AERO	ARGENTINA	71090	C	CLYDE,N.W.T.	CANADA
87320	C	CHAMICAL AERO	ARGENTINA	82425	C	COARI	BRAZIL
48480	C	CHANTHABURI	THAILAND	94711	CT	COBAR	AUSTRALIA
38687	C	CHARDZHEV	TURKMENISTAN	85041	C	COBIJA	BOLIVIA
72414	C	CHARLESTON/KANAWHA.,WV.	USA	85223	C	COCHABAMBA	BOLIVIA
72208	C	CHARLESTON/MUN.,SC.	USA	43353	T	COCHIN/WILLINGDON	INDIA
72314	C	CHARLOTTE/DOUGLAS,NC.	USA	96996	CT	COCOS ISLAND AERO	AUSTRALIA
07314	C	CHASSIRON	FRANCE	94791	C	COFFS HARBOUR MO	AUSTRALIA
93986	T	CHATHAM ISLAND	N ZEALAND	70316	CT	COLD BAY	USA
93987	C	CHATHAM ISLANDS AWS	N ZEALAND	43466	C	COLOMBO	SRI LANKA
72324	C	CHATTANOOGA/LOVELLFIELD, TN	USA	86560	C	COLONIA	URUGUAY
47184	C	CHEJU	REP KOREA	76458	C	COLONIA JUAN CARRAS-COMAZAT	MEXICO
10577	C	CHEMNITZ	GERMANY	72310	C	COLUMBIA, SC.	USA
56294	C	CHENGDU	CHINA	72445	C	COLUMBIA/REGIONAL MO.	USA
87322	C	CHEPES	ARGENTINA	72428	C	COLUMBUS/PORTCOLUMBUS, OH.	USA
42515	C	CHERRAPUNJI	INDIA	76848	C	COMITAN, CHIS.	MEXICO
76750	C	CHETUMAL, Q. ROO	MEXICO	87860	C	COMODORO RIVADAVIA AERO	ARGENTINA
72564	C	CHEYENNE, WY.	USA	82861	C	CONCEICAO DO ARAGUAIA	BRAZIL
41768	C	CHHOR	PAKISTAN	86134	C	CONCEPCION	PARAGUAY
48327	CT	CHIANG MAI	THAILAND	72605	C	CONCORD/MUN., NH.	USA
72530	C	CHICAGO/O'HARE, IL.	USA	87395	C	CONCORDIA AERO	ARGENTINA
47971	CT	CHICHIJIMA	JAPAN	15480	C	CONSTANTA	ROMANIA
84452	C	CHICLAYO	PERU	60419	C	CONSTANTINE	ALGERIA
87213	C	CHILECITO AERO	ARGENTINA	85470	C	COPIAPO	CHILE
85672	C	CHILLAN	CHILE	71915	T	CORAL HARBOUR UA, N.W.T.	CANADA
38262	C	CHIMBAJ	UZBEKISTAN	87344	CT	CORDOBA AERO	ARGENTINA
30758	CT	CHITA	RUSSIAN FEDERATION	08410	C	CORDOBA/AEROPUERTO	SPAIN
60425	C	CHLEF	ALGERIA	03955	C	CORK AIRPORT	IRELAND
44259	C	CHOIBALSAN	MONGOLIA	80403	C	CORO	VENEZUELA
44298	C	CHOIR	MONGOLIA	72251	C	CORPUS CHRISTI/INT., TX.	USA
76311	C	CHOIX, SIN.	MEXICO	87166	C	CORRIENTES AERO.	ARGENTINA
21946	C	CHOKURDAH	RUSSIAN FEDERATION	17084	C	CORUM	TURKEY
47648	C	CHOSHI	JAPAN	83552	C	CORUMBA	BRAZIL
93780	C	CHRISTCHURCH	N ZEALAND	65344	C	COTONOU	BENIN

# STATION LIST RECENT DATA

10496	C	COTTBUS	GERMANY	89054	C	DINAMET-URUGUAY	URUGUAY
85864	C	COYHAIQUE	CHILE	63471	C	DIREDAWA	ETHIOPIA
82704	C	CRUZEIRODO SUL	BRAZIL	17280	CT	DIYARBAKIR	TURKEY
80097	C	CUCUTA/CAMILODAZA	COLOMBIA	60670	C	DJANET	ALGERIA
83361	C	CUIABA	BRAZIL	63862	C	DODOMA	U REP TANZANIA
80420	C	CUMANA	VENEZUELA	87648	C	DOLORES AERO	ARGENTINA
85629	C	CURICO	CHILE	62650	C	DONGOLA	SUDAN
83842	C	CURITIBA	BRAZIL	65501	C	DORI	BURKINAFASO
83840	T	CURITIBA (AEROPORTO)	BRAZIL	10488	C	DRESDEN-KLOTZSCHE	GERMANY
96739	C	CURUG/BUDIARTO	INDONESIA	41515	C	DROSH	PAKISTAN
84686	C	CUZCO	PERU	41194	C	DUBAI INTERNATIONALAIRPORT	U ARAB EMIRATES
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	03969	C	DUBLIN AIRPORT	IRELAND
48855	C	DA NANG	VIET NAM	52836	C	DULAN	CHINA
98325	C	DAGUPAN	PHILIPPINES	72745	C	DULUTH/INT.,MN.	USA
61641	CT	DAKAR/YOFF	SENEGAL	89642	CT	DUMONT D'URVILLE	FRANCE
41712	C	DAL BANDIN	PAKISTAN	68588	CT	DURBAN INTNL. AIRPORT	SOUTH AFRICA
44373	C	DALANZADGAD	MONGOLIA	42731	C	DWARKA	INDIA
72259	C	DALLAS-FORT WORTH/FORT.,TX.	USA	67005	C	DZAOUZI/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	CT	DAVIS	AUSTRALIA	60590	C	EL GOLEA	ALGERIA
72429	C	DAYTON/. COX, OH	USA	60540	C	EL KHEITER	ALGERIA
06260	C	DE BILT	NETHERLANDS	62771	C	EL OBEID	SUDAN
06235	C	DE KOOY	NETHERLANDS	60559	C	EL OUED	ALGERIA
12882	C	DEBRECEN	HUNGARY	72270	C	EL PASO/INT., TX.	USA
65505	C	DEDOUGOU	BURKINAFASO	80437	C	EL VIGIA	VENEZUELA
40045	C	DEIR EZZOR	SYRIAN ARAB REP	60367	C	EL-KALA	ALGERIA
60387	C	DELLYS	ALGERIA	60550	C	ELBAYADH	ALGERIA
97230	C	DENPASAR/NGURAH-RAI	INDONESIA	12160	C	ELBLAG	POLAND
41624	C	DERA ISMAIL KHAN	PAKISTAN	72486	C	ELY/YELLAND,NV.	USA
72546	C	DES MOINES/MUN.,IA.	USA	07591	CT	EMBRUN	FRANCE
72537	C	DETROIT/METROPOLITANMI.	USA	10200	C	EMDEN-FLUGPLATZ	GERMANY
40416	C	DHAHRAN	SAUDI ARABIA	76256	C	EMPALME, SON	MEXICO
41923	T	DHAKA	BANGLADESH	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

# STATION LIST RECENT DATA

44237	C	ERDENEMANDAL	MONGOLIA	94926	C	GANBERRAAMO	AUSTRALIA
53068	C	ERENHOT	CHINA	71803	C	GANDER INT.AIRPORT,NFLD.	CANADA
10554	C	ERFURT-BINDERSLEBEN	GERMANY	57993	C	GANZHOU	CHINA
17092	C	ERZINCAN	TURKEY	61226	C	GAO	MALI
17096	C	ERZURUM	TURKEY	65522	C	GAOUA	BURKINA FASO
40800	C	ESFAHAN	IRAN, ISLAMIC REP	40405	C	GASSIM	SAUDI ARABIA
03162	C	ESKDALEMUIR	U KINGDOM	42410	CT	GAUHATI	INDIA
87803	C	ESQUEL AERO	ARGENTINA	62752	C	GEDAREF	SUDAN
60220	C	ESSAOUIRA	MOROCCO	10628	C	GEISENHEIM	GERMANY
10410	CT	ESSEN	GERMANY	62770	C	GENEINA	SUDAN
71917	T	EUREKA UA, N.W.T.	CANADA	87532	C	GENERAL PICO AERO	ARGENTINA
72594	C	EUREKA, CA.	USA	06700	C	GENEVE-COINTRIN	SWITZERLAND
72432	C	EVANSVILLE/REG.,IN.	USA	68828	C	GEORGE AIRPORT	SOUTH AFRICA
87576	CT	EZEIZA AERO	ARGENTINA	81001	C	GEORGETOWN	GUYANA
65507	C	FADA N'GOURMA	BURKINA FASO	10567	C	GERA-LEUMNITZ	GERMANY
70261	C	FAIRBANKS/INT.	USA	94403	CT	GERALDTON AIRPORT	AUSTRALIA
72753	C	FARGO/HECTORFIELD, ND.	USA	08184	C	GERONA/COSTABRAVA	SPAIN
76698	C	FELIPE CARRILLO PUERTO, Q.RO	MEXICO	60566	C	GHARDAIA	ALGERIA
11155	C	FEUERKOGEL	AUSTRIA	60517	C	GHAZAOUET	ALGERIA
10578	C	FICHELBERG	GERMANY	08495	CT	GIBRALTAR	GIBRALTAR
72637	C	FLINT/BISHOP, MI.	USA	94461	CT	GILES	AUSTRALIA
82678	CT	FLORIANO	BRAZIL	17034	C	GIRESUN	TURKEY
83897	C	FLORIANOPOLIS	BRAZIL	93292	C	GISBORNE AERODROME AWS	N ZEALAND
82212	C	FONTE BOA	BRAZIL	41140	C	GIZAN	SAUDI ARABIA
87162	C	FORMOSA AERO	ARGENTINA	72768	C	GLASGOW/INTL,MT.	USA
71945	CT	FORT NELSON UA,B.C.	CANADA	20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION
71934	T	FORT SMITH UA,N.W.T.	CANADA	43192	CT	GOA/PANJIM	INDIA
72344	C	FORT SMITH/MUN., AR.	USA	87880	C	GOBERNADOR GREGORES AERO	ARGENTINA
72533	C	FORT WAYNE/MUN.,BAERFL.,IN.	USA	10499	C	GOERLITZ	GERMANY
67197	C	FORT-DAUPHIN	MADAGASCAR	83423	C	GOIANIA	BRAZIL
82397	CT	FORTALEZA	BRAZIL	63331	C	GONDAR	ETHIOPIA
72389	C	FRESNO/AIR TERM., CA.	USA	71816	C	GOOSE,NFLD.	CANADA
02226	C	FROSON	SWEDEN	02527	T	GOTEBORG/LANDVETTER	SWEDEN
47843	C	FUKUE	JAPAN	02512	C	GOTEBORG/SAVE	SWEDEN
47807	CT	FUKUOKA	JAPAN	68906	T	GOUGH ISLAND	SOUTH AFRICA
91643	CT	FUNAFUTI	TUVALU	07535	C	GOURDON	FRANCE
08522	CT	FUNCHAL	MADEIRA	61045	C	GOURE	NIGER
60765	C	GABES	TUNISIA	94150	CT	GOVE AIRPORT	AUSTRALIA
60745	C	GAFSA	TUNISIA	72476	C	GRAND JUNCTION/WALKERF.,CO.	USA
65557	C	GAGNOA	COTE D'IVOIRE	72635	C	GRAND RAPIDS/KENT CO., MI.	USA
44284	C	GAIUUT	MONGOLIA	78954	C	GRANTLEY ADAMS	BARBADOS
83746	T	GALEAO	BRAZIL	11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA
72242	C	GALVESTON, TX.	USA	72645	C	GREEN BAY/A.-STRAUBEL,WI.	USA
64454	C	GAMBOMA	CONGO	72317	C	GREENSBORO/G.-HIGHPT., NC.	USA



# STATION LIST RECENT DATA

72312	C	GREENVILLE/SPATANBURGSC	USA	91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA
10184	CT	GREIFSWALD	GERMANY	91285	CT	HILO/GEN.LYMAN, HAWAII,	USA ONIA
87497	C	GUALEGUAYCHUAERO	ARGENTINA	94975	CT	HOBART AIRPORT	AUSTRALIA
76577	C	GUANAJUATO,GTO.	MEXICO	10962	C	HOHENPEISSENBERG	GERMANY
80428	C	GUANARE	VENEZUELA	93615	C	HOKITIKA AERODROMEAWS	N ZEALAND
59287	C	GUANGZHOU	CHINA	61240	C	HOMBORI	MALI
80448	C	GUASDUALITO	VENEZUELA	70341	C	HOMER/MUNICIPAL	USA
60403	C	GUELMA	ALGERIA	91182	C	HONOLULU,OAHU, HAWAII	USA
80423	C	GUIRIA	VENEZUELA	08506	C	HORTA (ACORES)	PORTUGAL
02128	C	GUNNARN	SWEDEN	51828	C	HOTAN	CHINA
40250	C	H-4 'IRWAISHED'	JORDAN	72243	C	HOUSTON/INTERCONTI-NENTAL,	USA
48820	C	HA NOI	VIET NAM	44218	C	HOVD	MONGOLIA
31735	C	HABAROVSK	RUSSIAN FEDERATION	44285	C	HUJIRT	MONGOLIA
47678	CT	HACHIJOJIMA	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	CT	HAIL	SAUDI ARABIA	15090	C	IASI	ROMANIA
50527	CT	HAILAR	CHINA	80214	C	IBAGUE/PERALES	COLOMBIA
17285	C	HAKKARI	TURKEY	08373	C	IBIZA/ES CODOLA	SPAIN
47430	C	HAKODATE	JAPAN	87097	C	IGUAZU AERO	ARGENTINA
71081	CT	HALL BEACH UA,N.W.T.	CANADA	25248	C	ILIRNEJ	RUSSIAN FEDERATION
89022	CT	HALLEY	U KINGDOM	60640	C	ILLIZI	ALGERIA
94212	C	HALLS CREEK AMO	AUSTRALIA	04339	CT	ILOQOQORTOORMIUT(SCORES BYSU	GREENLAND
40030	C	HAMA	SYRIAN ARAB REP	98637	C	ILOILO	PHILIPPINES
47755	C	HAMADA	JAPAN	31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION
43497	C	HAMBANTOTA	SRI LANKA	64459	C	IMPONDO	CONGO
10147	C	HAMBURG-FUHLSBUETTEL	GERMANY	60611	C	IN AMENAS	ALGERIA
52203	C	HAMI	CHINA	60630	CT	IN SALAH	ALGERIA
10338	C	HANNOVER	GERMANY	72438	C	INDIANAPOLIS/I.-MUN/WEI.,IN.	USA
23933	CT	HANTY-MANSIJSK	RUSSIAN FEDERATION	42754	C	INDORE	INDIA
02196	C	HAPARANDA	SWEDEN	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
72508	C	HARTFORD/BRADLEYINTL, CT.	USA	64115	C	INONGO	DEMO. REP THEW CON
60581	C	HASSI-MESSAOUD	ALGERIA	72747	CT	INT.FALLS/FALLSINT.MN.	USA
20891	CT	HATANGA	RUSSIAN FEDERATION	71907	CT	INUKJUAK, QUE	CANADA
44207	C	HATGAL	MONGOLIA	71957	CT	INUVIK UA,N.W.T.	CANADA
78988	CT	HATO AIRPORT,CURACAO	CURACAO AND BONAIRE	93844	CT	INVERCARGILLAERODROME	N ZEALAND
71935	C	HAY RIVER,N.W.T.	CANADA	80370	C	IPIALES/SAN LUIS	COLOMBIA
72772	C	HELENA/COUNTY-CITY MT.	USA	71909	CT	IQUALUIT,N.W.T.	CANADA
02974	C	HELSINKI-VANTAA	FINLAND	84377	C	IQUITOS	PERU
62378	CT	HELWAN	EGYPT	83881	C	IRAI	BRAZIL
16754	C	HERAKLION(AIRPORT)	GREECE	83836	C	IRATI	BRAZIL
91945	C	HEREHERETUE	FRENCH POLY.	68263	T	IRENE	SOUTH AFRICA
71066	C	HIGH LEVEL, ALTA	CANADA	30710	C	IRKUTSK	RUSSIAN FEDERATION

# STATION LIST RECENT DATA

47918	CT	ISHIGAKIJIMA	JAPAN	60735	C	KAIROUAN	TUNISIA
85469	CT	ISLA DE PASCUA	CHILE	93012	C	KAITAIA	N ZEALAND
85585	C	ISLA JUAN FERNANDEZ	CHILE	02897	C	KAJAANI	FINLAND
41571	C	ISLAMABAD AIRPORT	PAKISTAN	30469	C	KALAKAN	RUSSIAN FEDERATION
17240	CT	ISPARTA	TURKEY	16726	C	KALAMATA (AIRPORT)	GREECE
17062	CT	ISTANBUL/GOZTEPE	TURKEY	40001	C	KAMISHLI	SYRIAN ARAB REP
82445	C	ITAITUBA	BRAZIL	71887	C	KAMLOOPS,B.C.	CANADA
17220	CT	IZMIR/GUZELYALT	TURKEY	47605	C	KANAZAWA	JAPAN
47800	C	IZUHARA	JAPAN	65306	C	KANDI	BENIN
72235	C	JACKSON/ALLENC. THOMP., MS.	USA	47105	C	KANGNUNG	REP KOREA
72206	C	JACKSONVILLE/INTNL.FL.	USA	22165	C	KANIN NOS	RUSSIAN FEDERATION
41715	C	JACOBABAD	PAKISTAN	61679	C	KAOLACK	SENEGAL
83186	C	JACOBINA	BRAZIL	41780	C	KARACHI AIRPORT	PAKISTAN
43041	C	JAGDALPUR	INDIA	35394	C	KARAGANDA	KAZAKHSTAN
96745	C	JAKARTA/OBSERVATORY	INDONESIA	02080	C	KARESUANDO	SWEDEN
96749	C	JAKARTA/SOEKARNO-HATTA	INDONESIA	62660	C	KARIMA	SUDAN
24959	CT	JAKUTSK	RUSSIAN FEDERATION	10727	C	KARLSRUHE	GERMANY
01001	CT	JAN MAYEN	NORWAY	02418	C	KARLSTADFLYGPLATS	SWEDEN
41024	CT	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA	17098	C	KARS	TURKEY
60725	C	JENDOUBA	TUNISIA	51709	C	KASHI	CHINA
08451	C	JEREZ DE LA FRONTERA AERO.	SPAIN	62730	C	KASSALA	SUDAN
41598	C	JHELUM	PAKISTAN	17074	C	KASTAMONU	TURKEY
60351	C	JIJEL ACHOUAT	ALGERIA	44454	C	KATHMANDU AIRPORT	NEPAL
60353	C	JIJEL PORT	ALGERIA	26629	C	KAUNAS	LITHUANIA
63402	C	JIMMA	ETHIOPIA	61257	C	KAYES	MALI
52533	C	JIUQUAN	CHINA	27595	CT	KAZAN'	RUSSIAN FEDERATION
41756	C	JIWANI	PAKISTAN	04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND
42339	CT	JODHPUR	INDIA	10946	C	KEMPTEN	GERMANY
02929	C	JOENSUU	FINLAND	61285	C	KENIEBA	MALI
68368	C	JOHANNESBURG INT. AIRPORT	SOUTH AFRICA	60120	C	KENITRA	MOROCCO
02963	CT	JOKIOINEN	FINLAND	16641	C	KERKYRA (AIRPORT)	GREECE
02550	C	JONKOPING/AXAMO	SWEDEN	93997	T	KERMADECIS.	N ZEALAND
78762	C	JUAN SANTAMARIA	COSTA RICA	40841	CT	KERMAN	IRAN, ISLAMIC REP
62941	C	JUBA	SUDAN	40766	C	KERMANS SHAH	IRAN, ISLAMIC REP
87046	C	JUJUY AERO	ARGENTINA	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	64222	C	KIKWIT	DEMO. REP THE CONG

# STATION LIST RECENT DATA

02801	C	KILPISJARVI	FINLAND	33393	C	L'VIV	UKRAINE
68438	C	KIMBERLEY	SOUTH AFRICA	08001	CT	LA CORUNA	SPAIN
40417	C	KING FAHAD INT. AIRPORT	SAUDI ARABIA	71823	T	LA GRANDE IV, QUE.	CANADA
40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA	71827	C	LA GRANDERIVIERE, QUE	CANADA
70326	C	KING SALMON	USA	07020	CT	LA HAGUE	FRANCE
45004	CT	KING'S PARK	HONG KONG, CHINA	76405	C	LA PAZ, B.C.S.	MEXICO
78397	CT	KINGSTON/NORMANMANLEY	JAMAICA	85201	C	LA PAZ/ALTO	BOLIVIA
03066	C	KINLOSS	U KINGDOM	87007	C	LA QUIACA OBSERVATORIO	ARGENTINA
64210	C	KINSHASA/N'DJILI	DEMO. REP THE CONG	87217	C	LA RIOJA AERO.	ARGENTINA
30230	CT	KIRENSK	RUSSIAN FEDERATION	85488	C	LA SERENA	CHILE
61270	C	KITA	MALI	87534	C	LABOULAYE	ARGENTINA
11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	82723	C	LABREA	BRAZIL
26509	C	KLAJPEDA	LITHUANIA	96465	C	LABUAN	MALAYSIA
72326	C	KNOXVILLE/MUN.,TN.	USA	60545	C	LAGHOUAT	ALGERIA
11487	C	KOCELOVICE	CZECH REP	41640	C	LAHORE CITY	PAKISTAN
06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK & FAROE IS.	08508	T	LAJES/SANTARITA (ACORES)	PORTUGAL
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	CT	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	80241	C	LAS GAVIOTAS	COLOMBIA
70133	CT	KOTZEBUE, RALPH WIEN	USA	87078	C	LAS LOMITAS	ARGENTINA
91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA	60030	C	LAS PALMAS DE GRAN CAN./GAN.	SPAIN
61293	C	KOUTIALA	MALI	72386	C	LAS VEGAS/MCCARRAN,NV.	USA
43314	C	KOZHICODE	INDIA	40022	C	LATTAKIA	SYRIAN ARAB REP
12566	C	KRAKOW	POLAND	94968	C	LAUNCESTON AIRPORT	AUSTRALIA
60514	C	KSAR CHELLALA	ALGERIA	07471	C	LE BUY	FRANCE
48647	C	KUALA LUMPUR/SUBANG	MALAYSIA	78925	C	LE LAMENTIN	MARTINIQUE
48657	C	KUANTAN	MALAYSIA	78897	C	LE RAIZET, GUADELOUPE	ST.MARTIN, ST.BARTH
96413	CT	KUCHING	MALAYSIA	07207	C	LE TALUT	FRANCE
65442	C	KUMASI	GHANA	12120	CT	LEBA	POLAND
56778	CT	KUNMING	CHINA	03257	C	LEEMING	U KINGDOM
47418	C	KUSHIRO	JAPAN	98444	C	LEGASPI	PHILIPPINES
28952	C	KUSTANAI	KAZAKHSTAN	12374	T	LEGIONOWO	POLAND
71906	CT	KUUJUAQ, QUE.	CANADA	10469	C	LEIPZIG-SCHKEUDITZ	GERMANY
71905	C	KUUJUARAPIK, QUE.	CANADA	83242	C	LENCOIS	BRAZIL
02869	C	KUUSAMO	FINLAND	03005	CT	LERWICK	U KINGDOM
91366	C	KWAJALEIN/BUCHOLZAAF, MARSH	USA	80398	CT	LETICIA/VASQUEZCOBO	COLOMBIA
47158	T	KWANGJU AB	REP KOREA	72422	C	LEXINGTON/BLUEGRASS, KY.	USA
33345	C	KYIV	UKRAINE	55591	CT	LHASA	CHINA

# STATION LIST RECENT DATA

11603	C	LIBEREC	CZECHREP	61091	C	MAGARIA	NIGER
64500	C	LIBREVILLE	GABON	85114	C	MAGDALENA	BOLIVIA
67217	C	LICHINGA	MOZAMBIQUE	10361	C	MAGDEBURG	GERMANY
91165	C	LIHUE, KAUAI, HAWAII	USA QUE	60522	C	MAGHNA	ALGERIA
07015	C	LILLE	FRANCE	61096	C	MAINE-SOROA	NIGER
67586	C	LILONGWEINT'L AIRPORT	MALAWI	67073	C	MAINTIRANO	MADAGASCAR
84628	C	LIMA-CALLAO/AEROP.INTERNACI	PERU	47750	C	MAIZURU	JAPAN
07434	C	LIMOGES	FRANCE	67027	C	MAJUNGA	MADAGASCAR
10393	CT	LINDENBERG	GERMANY	91376	C	MAJURO/MARSHALLIS. INTL	USA CAR
61627	C	LINGUERE	SENEGAL	41030	C	MAKKAH	SAUDI ARABIA
08579	T	LISBOA/GAGOCOUTINHO	PORTUGAL	64556	C	MAKOKOU	GABON
08535	C	LISBOA/GEOF	PORTUGAL	64456	C	MAKOUA	CONGO
08084	C	LOGRONO/AGONCILLO	SPAIN	48665	C	MALACCA	MALAYSIA
65387	C	LOME	TOGO	08482	C	MALAGA/AEROPUERTO	SPAIN
83766	C	LONDRINA	BRAZIL	62840	C	MALAKAL	SUDAN
94346	C	LONGREACHAIRPORT	AUSTRALIA	87506	C	MALARGUEAERO	ARGENTINA
94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA	17199	C	MALATYA/BOLGE	TURKEY
72295	C	LOS ANGELES/INT.,CA.	USA	03980	C	MALIN HEAD	IRELAND
64401	C	LOUBOMO	CONGO	78741	C	MANAGUA A.C.SANDINO	NICARAGUA
72423	C	LOUISVILLE/STANDIFORD,KY.	USA	82332	T	MANAUS (AEROPORTO)	BRAZIL
48930	C	LUANG-PRABANG	LAO PDR	03334	C	MANCHESTERAIRPORT	U KINGDOM
72267	C	LUBBOCK/LUBBOCKINTL, TX.	USA	44341	C	MANDALGOVI	MONGOLIA
42369	T	LUCKNOW/AMAUSI	INDIA	43285	T	MANGALORE/PANAMBUR	INDIA
06770	C	LUGANO	SWITZERLAND	65352	C	MANGO	TOGO
16597	C	LUQA	MALTA	82533	C	MANICORE	BRAZIL
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	71722	T	MANIWAKI.QUE.	CANADA
03740	C	LYNEHAM	U KINGDOM	03797	C	MANSTON	U KINGDOM
71078	C	LYNN LAKE, MAN.	CANADA	76654	C	MANZANILLO,COL.	MEXICO
64452	C	M'POUYA	CONGO	67341	C	MAPUTO/MAVALANE	MOZAMBIQUE
60467	C	M'SILA	ALGERIA	87692	C	MAR DEL PLATA AERO	ARGENTINA
40310	C	MA'AN	JORDAN	82562	C	MARABA	BRAZIL
44294	C	MAANTI	MONGOLIA	80407	C	MARACAIBO-LACHINITA	VENEZUELA
82098	C	MACAPA	BRAZIL	80413	C	MARACAY - B.A. SUCRE	VENEZUELA
43185	C	MACHILIPATNAM	INDIA	61080	C	MARADI	NIGER
94367	C	MACKAYMO	AUSTRALIA	87467	C	MARCOS JUAREZ AERO	ARGENTINA
72217	C	MACON/LEWIS B.WILSON,GA.	USA	68994	CT	MARION ISLAND	SOUTH AFRICA
94998	CT	MACQUARIEISLAND	AUSTRALIA	86068	C	MARISCAL ESTIGARRIBIA	PARAGUAY
98646	C	MACTAN	PHILIPPINES	60230	C	MARRAKECH	MOROCCO
40430	CT	MADINAH	SAUDI ARABIA	61996	T	MARTIN DE VIVIES (ILE AMSTER	OCEAN ISLANDS
72641	C	MADISON/DANECOUNTY REGIONAL	USA	60506	C	MASCARA METMORE	ALGERIA
43279	CT	MADRAS/MINAMBAKKAM	INDIA	40745	CT	MASHHAD	IRAN, ISLAMIC REP
08221	CT	MADRID/BARAJAS	SPAIN	64207	C	MATADI	DEMO. REP THE CONG
47624	C	MAEBASHI	JAPAN	61630	C	MATAM	SENEGAL
40265	T	MAFRAQ	JORDAN	47741	C	MATSUE	JAPAN

# STATION LIST RECENT DATA

47618	C	MATSUMOTO	JAPAN	47585	C	MIYAKO	JAPAN
47887	C	MATSUYAMA	JAPAN	47927	C	MIYAKOJIMA	JAPAN
80435	C	MATURIN	VENEZUELA	47830	C	MIYAZAKI	JAPAN
89564	CT	MAWSON	AUSTRALIA	68242	C	MMABATHO	SOUTH AFRICA
64503	C	MAYUMBA	GABON	72223	C	MOBILE/BATESFIELD, AL.	USA
64005	C	MBANDAKA	DEMO. REP THE CONG	30673	C	MOGOCA	RUSSIAN FEDERATION
70231	C	MCGRATH	USA	47165	C	MOKPO	REP KOREA
96035	C	MEDAN/POLONIA	INDONESIA	72544	C	MOLINE/QUADCITY, IL.	USA
60437	C	MEDEA	ALGERIA	76342	C	MONCLOVA, COAH.	MEXICO
72597	CT	MEDFORD/MEDFORD-JACKSON COU	USA	07560	C	MONT AIGOUAL	FRANCE
94430	C	MEEKATHARRAAIRPORT	AUSTRALIA	07607	C	MONT-DE-MARSAN	FRANCE
10548	CT	MEININGEN	GERMANY	87393	C	MONTE CASEROS AERO	ARGENTINA
60150	C	MEKNES	MOROCCO	78388	C	MONTEGO BAY/SANGSTER	JAMAICA
94866	C	MELBOURNE AIRPORT	AUSTRALIA	76393	C	MONTERREY, N.L.	MEXICO
60338	C	MELILLA	SPAIN	83437	C	MONTES CLAROS	BRAZIL
86440	C	MELO	URUGUAY	72226	C	MONTGOMERY/DANNELLY AL.	USA
87418	C	MENDOZA AERO	ARGENTINA	07643	C	MONTPELLIER	FRANCE
80425	C	MENE GRANDE	VENEZUELA	71836	T	MOOSONEE, ONT.	CANADA
56985	C	MENGZI	CHINA	61265	C	MOPTI	MALI
08314	C	MENORCA/MAHON	SPAIN	76665	C	MORELIA, MICH.	MEXICO
86490	C	MERCEDES	URUGUAY	27612	CT	MOSKVA	RUSSIAN FEDERATION
80438	C	MERIDA	VENEZUELA	60457	C	MOSTAGANEM VILLE	ALGERIA
72234	C	MERIDIAN/KEY, MS.	USA	64550	C	MOUILA	GABON
62306	CT	MERSA MATRUH	EGYPT	64706	C	MOUNDOU	CHAD
17340	C	MERSIN	TURKEY	94821	CT	MOUNT GAMBIER AERO	AUSTRALIA
16420	C	MESSINA	ITALY	88889	T	MOUNT PLEASANT AIRPORT	UK FALKLAND ISLANDS
76680	C	MEXICO (CENTRAL), D.F.	MEXICO	64402	C	MOUYONDZI	CONGO
72202	C	MIAMI, FL.	USA	94332	CT	MT ISA AERO	AUSTRALIA
60195	C	MIDELT	MOROCCO	63971	C	MTWARA	U REP TANZANIA
72265	C	MIDLAND/MIDLAND REG., TX.	USA	10870	C	MUENCHEN, FLUGHAFEN	GERMANY
16080	T	MILANO/LINATE	ITALY	10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY
94693	C	MILDURA AIRPORT	AUSTRALIA	17292	C	MUGLA	TURKEY
11464	C	MILESOVKA	CZECH REP	42147	C	MUKTESHWARKUMAON	INDIA
60430	C	MILIANA	ALGERIA	41675	C	MULTAN	PAKISTAN
72640	C	MILWAUKEE/GEN. MITCHELL, WI.	USA	08430	T	MURCIA	SPAIN
47945	CT	MINAMIDAITOJIMA	JAPAN	08433	C	MURCIA/SAN JAVIER	SPAIN
47991	CT	MINAMITORISHIMA	JAPAN	44231	C	MUREN	MONGOLIA
43369	CT	MINICOY	INDIA	22113	CT	MURMANSK	RUSSIAN FEDERATION
72658	C	MINNEAPOLIS/ST. PAUL INTL, MN.	USA	47899	C	MUROTOMISAKI	JAPAN
26850	C	MINSK	BELARUS	72636	C	MUSKEGON/COUNTY, MI.	USA
29866	C	MINUSINSK	RUSSIAN FEDERATION	63756	C	MWANZA	U REP TANZANIA
96449	C	MIRI	MALAYSIA ERATION	25173	C	MYS SHMIDTA	RUSSIAN FEDERATION
89592	CT	MIRNYJ	USSR N	25399	C	MYS UELEN	RUSSIAN FEDERATION
72773	C	MISSOULA/JOHNSON-BELLF., MT.	USA	60557	C	NAAMA	ALGERIA

# STATION LIST RECENT DATA

47817	C	NAGASAKI	JAPAN	23724	C	NJAKSIMVOL'	RUSSIAN FEDERATION
47636	C	NAGOYA	JAPAN	41710	C	NOKKUNDI	PAKISTAN
42867	CT	NAGPUR SONEGAON	INDIA	70200	CT	NOME	USA
47936	CT	NAHA	JAPAN	94996	CT	NORFOLK ISLAND AERO	AUSTRALIA
63741	T	NAIROBI/DAGORETTI	KENYA	72308	C	NORFOLK/INT.,VA.	USA
41128	C	NAJRAN	SAUDI ARABIA	72556	C	NORFOLK/KARLSTEFAN, NE.	USA
48431	C	NAKHONRATCHASIMA	THAILAND	71043	CT	NORMAN WELLS UA, N.W.T.	CANADA
48400	C	NAKHONSAWAN	THAILAND	72340	C	NORTH LITTLE ROCK/MUNICIPAL	USA
67237	C	NAMPULA	MOZAMBIQUE	72562	CT	NORTH PLATTE/LEEBIRD, NE.	USA
58606	C	NANCHANG	CHINA	91592	CT	NOUMEA (NLLE-CALEDONIE)	N CALEDONIA
07180	T	NANCY/ESSEY	FRANCE	89512	C	NOVOLAZAREVSKAJA	USSR
91680	CT	NANDI	FIJI	10763	C	NUERNBERG	GERMANY
59431	C	NANNING	CHINA	04250	C	NUUK (GODTHAAB)	GREENLAND
07222	C	NANTES	FRANCE	62790	C	NYALA	SUDAN
23205	CT	NAR'JAN-MAR	RUSSIAN FEDERATION	33837	C	ODESA	UKRAINE
61233	C	NARA	MALI	31088	CT	OHOTSK	RUSSIAN FEDERATION
04270	T	NARSARSUAQ	GREENLAND	47815	C	OITA	JAPAN
72327	CT	NASHVILLE/METROPOLITAN, TN.	USA	24688	C	OJMJAKON	RUSSIAN FEDERATION
82598	C	NATAL	BRAZIL	24125	CT	OLENEK	RUSSIAN FEDERATION
71813	C	NATASHQUAN, QUE.	CANADA	72792	C	OLYMPIA, WA.	USA
65319	C	NATITINGOU	BENIN	47655	C	OMAEZAKI	JAPAN
91683	C	NAUSORI	FIJI	44215	C	OMNO-GOBI	MONGOLIA
41749	C	NAWABSHAH	PAKISTAN	28698	CT	OMSK	RUSSIAN FEDERATION
47909	CT	NAZE	JAPAN	47598	C	ONAHAMA	JAPAN
64700	CT	NDJAMENA	CHAD	91699	C	ONO-I-LAU	FIJI
80315	C	NEIVA/BENITOSALAS	COLOMBIA	87016	C	ORAN AERO	ARGENTINA
47420	CT	NEMURO	JAPAN	60461	C	ORAN PORT	ALGERIA
10557	C	NEUHAUS A.R.	GERMANY	60490	C	ORAN/ES SENIA	ALGERIA
89002	CT	NEUMAYER	GERMANY	35121	CT	ORENBURG	RUSSIAN FEDERATION
87715	C	NEUQUEN AERO	ARGENTINA	01241	CT	ORLAND	NORWAY
10270	C	NEURUPPIN	GERMANY	72205	C	ORLANDO/JETPORT, FL.	USA
42182	CT	NEW DELHI/SAFDARJUNG	INDIA	40712	C	ORUMIEH	IRAN, ISLAMIC REP
72231	C	NEW ORLEANS/MOISANTINT., LA	USA	85242	C	ORURO	BOLIVIA
93309	C	NEW PLYMOUTH AWS	N ZEALAND	47772	C	OSAKA	JAPAN
72503	C	NEW YORK/LA GUARDIA, NY.	USA	47122	T	OSAN AB	REP KOREA
48877	C	NHA TRANG	VIET NAM	10480	C	OSCHATZ	GERMANY
61052	CT	NIAMEY-AERO	NIGER	47675	C	OSHIMA	JAPAN
07690	C	NICE	FRANCE	01384	C	OSLO/GARDERMOEN	NORWAY
17250	C	NIGDE	TURKEY	85782	C	OSORNO	CHILE
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
07645	T	NIMES/COURBESSAC	FRANCE	20069	C	OSTROV VIZE	RUSSIAN FEDERATION
98429	C	NINOY AQUINO INTER- NATIONAL	PHILIPPINES	65503	C	OUAGADOUGOU	BURKINA FASO

# STATION LIST RECENT DATA

65502	C	OUAHIGOUYA	BURKINA FASO	48826	C	PHU LIEN	VIET NAM
60580	C	OUARGLA	ALGERIA	78970	CT	PIARCO INT. AIRPORT,TRINIDAD	TRINIDAD AND TOBAGO
60265	C	OUARZAZATE	MOROCCO	68174	CT	PIETERSBURG	SOUTH AFRICA
64458	C	OUESSO	CONGO	87679	C	PIGUE AERO	ARGENTINA
60115	C	OUJDA	MOROCCO	86255	C	PILAR	PARAGUAY
02875	C	OULU	FINLAND	87349	C	PILAR OBSERVATORIO	ARGENTINA
60421	C	OUM EL BOUAGHI	ALGERIA	16158	C	PISA/S. GIUSTO	ITALY
08015	C	OVIEDO	SPAIN	84691	C	PISCO	PERU
47663	C	OWASE	JAPAN	72520	C	PITTSBURGH/GREATERPITT.,PA.	USA
91765	CT	PAGO PAGO/INT. AIRPORT	SAMOA	84401	C	PIURA	PERU
96109	C	PAKANBARU/SIMPANGTIGA	INDONESIA	61990	C	PLAISANCE(MAURITIUS)	MAURITIUS
48955	C	PAKSE	LAO PDR	07117	C	PLOUMANACH	FRANCE
08306	C	PALMA DE MALLORCA/SONSAN JU	SPAIN	65518	C	PO	BURKINA FASO
80479	C	PALMICHAL	VENEZUELA	72578	C	POCATELLO/NUM.,ID.	USA
40061	C	PALMYRA	SYRIAN ARAB REP	13463	C	PODGORICA-GRAD	YUGOSLAVIA
43363	C	PAMBAN	INDIA	61612	C	PODOR	SENEGAL
41739	C	PANJGUR	PAKISTAN	47138	CT	POHANG	REP KOREA
41560	C	PARACHINAR	PAKISTAN	64400	C	POINTE-NOIRE	CONGO
65330	C	PARAKOU	BENIN	07335	C	POITIERS	FRANCE
87374	C	PARANA AERO	ARGENTINA	91348	C	PONAPE, CAROLINEISLANDS.	USA
93417	CT	PARAPARAUMU AERODROME	N ZEALAND	71095	C	POND INLET, N.W.T.	CANADA
82287	C	PARNAIBA	BRAZIL	83702	C	PONTA PORA	BRAZIL
41759	C	PASNI	PAKISTAN	43063	C	POONA	INDIA
87289	C	PASO DE LOS LIBRES AERO	ARGENTINA	11952	T	POPRAD-GANOVCE	SLOVAKIA
86460	C	PASO DE LOS TOROS	URUGUAY	11934	C	POPRAD/TATRY	SLOVAKIA
42492	T	PATNA	INDIA	80421	C	PORLAMAR (AEROPUERTOINT. DE	VENEZUELA
82791	C	PATOS	BRAZIL	43333	CT	PORT BLAIR	INDIA
06610	T	PAYERNE	SWITZERLAND	68842	CT	PORT ELIZABETH	SOUTH AFRICA
12942	C	PECS/POGANY	HUNGARY	71109	CT	PORT HARDY UA,B.C.	CANADA
86097	C	PEDRO JUAN CABALLERO	PARAGUAY	94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA
87544	C	PEHUAJO AERO	ARGENTINA	62641	C	PORT SUDAN	SUDAN
48601	CT	PENANG/BAYANLEPAS	MALAYSIA	71197	C	PORT-AUX-BASQUES,NFLD.	CANADA
72688	C	PENDLETON,OR.	USA	61998	CT	PORT-AUX-FRANCAIS(ILES KERG	OCEAN ISLANDS
72532	C	PEORIA/GREATERPEORIA, IL.	USA	64501	C	PORT-GENTIL	GABON
80210	C	PEREIRA/MATECANA	COLOMBIA	72698	C	PORTLAND/INT.,OR.	USA
87852	C	PERITO MORENO AERO	ARGENTINA	72606	C	PORTLAND/INTNLJET PORT, ME	USA
07747	C	PERPIGNAN	FRANCE	83967	C	PORTO ALEGRE	BRAZIL
94610	CT	PERTH AIRPORT	AUSTRALIA	83971	T	PORTO ALEGRE (AERO- PORTO)	BRAZIL
41530	C	PESHAWAR	PAKISTAN	83064	C	PORTO NACIONAL	BRAZIL
82983	C	PETROLINA	BRAZIL	82825	C	PORTO VELHO	BRAZIL
32540	T	PETROPAVLOVSK-KAMCATSKIJ	RUSSIAN FEDERATION	82824	T	PORTO VELHO (AEROPORTO)	BRAZIL
72408	C	PHILADELPHIA/INT.,PA.	USA	08546	C	PORTO/SERRADO PILAR	PORTUGAL
48378	C	PHITSANULOK	THAILAND	87178	C	POSADAS AERO.	ARGENTINA
72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA	83332	C	POSSE	BRAZIL

# STATION LIST RECENT DATA

10379	C	POTSDAM	GERMANY	87270	C	RECONQUISTAAERO	ARGENTINA
12330	C	POZNAN	POLAND	07070	C	REIMS	FRANCE
48500	C	PRACHUAPKHIRIKHAN	THAILAND	96171	C	RENGAT/JAPURA	INDONESIA
11520	CT	PRAHA-LIBUS	CZECH REP	07130	C	RENNES	FRANCE
11518	C	PRAHA/RUZYNE	CZECH REP	72488	C	RENO/INT.,NV.	USA
16245	T	PRATICA DI MARE	ITALY	87155	CT	RESISTENCIA AERO.	ARGENTINA
86065	C	PRATS-GIL	PARAGUAY	71924	CT	RESOLUTEUA, N.W.T.	CANADA
68262	C	PRETORIA	SOUTH AFRICA	04030	C	REYKJAVIK	ICELAND
11659	C	PRIBYSLAV	CZECH REP	85043	C	RIBERALTA	BOLIVIA
11423	C	PRIMDA	CZECH REP	72401	C	RICHMOND/BYRD,VA.	USA
71869	C	PRINCE ALBERT,SASK.	CANADA	91948	C	RIKITEA	FRENCH POLY.
04390	C	PRINS CHRISTIANSUND	GREENLAND	44203	C	RINCHINLHUMBE	MONGOLIA
72507	C	PROVIDENCE/GREENSTATE, RI.	USA	82915	C	RIO BRANCO	BRAZIL
80002	C	PROVIDENCIA (ISLA)/EL EMBRUJ	COLOMBIA	87736	C	RIO COLORADO	ARGENTINA
84515	C	PUCALLPA	PERU	87453	C	RIO CUARTO AERO	ARGENTINA
85574	C	PUDAHUEL	CHILE	87925	C	RIO GALLEGOS AERO	ARGENTINA
80457	C	PUERTO AYACUCHO	VENEZUELA	80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA
80139	C	PUERTO CARRENO/A.GUAUQUEA	COLOMBIA	40438	C	RIYADH	SAUDI ARABIA
86086	C	PUERTO CASADO	PARAGUAY	72411	C	ROANOKE/MUN.,VA.	USA
87896	C	PUERTO DESEADO AERO	ARGENTINA	85268	C	ROBORE	BOLIVIA
78767	C	PUERTO LIMON	COSTA RICA	86565	C	ROCHA	URUGUAY
85799	CT	PUERTO MONTT	CHILE	72644	C	ROCHESTER/MUN.,MN.	USA
78458	C	PUERTO PLATA	DOMINICAN REP	72529	C	ROCHESTER/R-MONROECTY., NY.	USA
85289	C	PUERTO SUAREZ	BOLIVIA	94374	C	ROCKHAMPTON AERO	AUSTRALIA
85934	CT	PUNTA ARENAS	CHILE	61988	C	RODRIGUES	MAURITIUS
87596	C	PUNTA INDIO B.A.	ARGENTINA	06190	C	ROENNE	DENMARK & FAROE IS.
47159	C	PUSAN	REP KOREA	87480	C	ROSARIO AERO	ARGENTINA
56137	C	QAMDO	CHINA	03957	C	ROSSLARE	IRELAND
54857	C	QINGDAO	CHINA	10170	C	ROSTOCK-WARNEMUENDE	GERMANY
50745	C	QIQIHAR	CHINA	34731	T	ROSTOV-NA-DONU	RUSSIAN FEDERATION
41660	C	QUETTA AIRPORT	PAKISTAN	89062	C	ROTHERA POINT	U KINGDOM N
80144	C	QUIBDO/ELCARANO	COLOMBIA	91650	C	ROTUMA	FIJI
72797	C	QUILLAYUTE,WA.	USA	07037	C	ROUEN	FRANCE
85543	C	QUINTERO	CHILE	51777	C	RUOQIANG	CHINA
82586	C	QUIXERAMOBIM	BRAZIL	85141	C	RURRENABAQUE	BOLIVIA
60135	C	RABAT-SALE	MOROCCO	28966	C	RUZAEVKA	KAZAKHSTAN
40362	C	RAFHA	SAUDI ARABIA	96001	C	SABANG/CUTBAU	INDONESIA
72306	C	RALEIGH/RALEIGH-DURHAMNC.	USA	71600	CT	SABLE ISLAND,N.S.	CANADA
93994	C	RAOUL ISLAND KERMADECIS.	N ZEALAND	72483	C	SACRAMENTO/EXECUTIVECA.	USA
91958	CT	RAPA	FRENCH POLY.	06680	C	SAENTIS	SWITZERLAND
72662	C	RAPID CITY/REGIONALAIRPORT,	USA	42671	C	SAGAR	INDIA
91843	C	RAROTONGA	COOK ISLANDS	47740	C	SAIGO	JAPAN
22602	C	REBOLY	RUSSIAN FEDERATION	44336	C	SAIKHAN-OVOO	MONGOLIA
82900	CT	RECIFE (CURADO)	BRAZIL	61980	C	SAINT-DENIS/GILLOT(REUNION)	OCEAN ISLANDS



# STATION LIST RECENT DATA

61600	C	SAINT-LOUIS	SENEGAL	08023	CT	SANTANDER	SPAIN
08594	T	SAL ISLAND	CAPE VERDE	87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA
41316	T	SALALAH	OMAN	85577	C	SANTIAGO QUINTA NORMAL	CHILE
08202	C	SALAMANCA/MATACAN	SPAIN	78486	C	SANTO DOMINGO	DOMINICAN REP
23330	CT	SALEHARD	RUSSIAN FEDERATION	82106	C	SAO GABRIEL DA CACHOEIRA	BRAZIL
72572	C	SALT LAKE CITY/INTL, UT.	USA	82280	C	SAO LUIZ	BRAZIL
87047	C	SALTA AERO	ARGENTINA	83781	C	SAO PAULO	BRAZIL
76390	C	SALTILLO, COAH	MEXICO	47412	CT	SAPPORO	JAPAN
86360	C	SALTO	URUGUAY	34172	C	SARATOV	RUSSIAN FEDERATION
86210	C	SALTOS DEL GUAIRA	PARAGUAY	41594	C	SARGODHA	PAKISTAN
83229	CT	SALVADOR	BRAZIL	65599	C	SASSANDRA	COTE D'IVOIRE
11150	C	SALZBURG-FLUGHAFEN	AUSTRIA	72734	C	SAULT STE. MARIE, MI.	USA
35925	C	SAM	KAZAKHSTAN	97900	C	SAUMLAKI	INDONESIA
17030	CT	SAMSUN	TURKEY	72207	C	SAVANNAH/MUNICIPAL, GA.	USA
61277	C	SAN	MALI	48947	C	SAVANNAKHET	LAO PDR
80001	C	SAN ANDRES (ISLA)/SESQUICENT	COLOMBIA	65335	C	SAVE	BENIN
72263	C	SAN ANGELO/MATHIS, TX.	USA	48938	C	SAYABOURY	LAO PDR
80447	C	SAN ANTONIO DEL TACHIRA	VENEZUELA	71828	C	SCHIEFFERVILLE, QUE.	CANADA
87784	C	SAN ANTONIO OESTE AERO	ARGENTINA	10035	CT	SCHLESWIG	GERMANY
72253	C	SAN ANTONIO/INT., TX.	USA	10552	C	SCHMUECKE	GERMANY
72290	C	SAN DIEGO/LINDBERGH, CA.	USA	10162	C	SCHWERIN	GERMANY
80450	C	SAN FERNANDO DE APURE	VENEZUELA	72793	C	SEATTLE/S.-TACOMA, WA.	USA
72494	C	SAN FRANCISCO/INTL, CA.	USA	41256	T	SEEB, INTERNATIONAL AIRPORT	OMAN
85207	C	SAN IGNACIO DE VELASCO	BOLIVIA	61272	C	SEGU	MALI
85104	C	SAN JOAQUIN	BOLIVIA	25703	CT	SEJMCAN	RUSSIAN FEDERATION
85247	C	SAN JOSE DE CHIQUITOS	BOLIVIA	36177	C	SEMIPALATINSK	KAZAKHSTAN
87311	C	SAN JUAN AERO	ARGENTINA	62762	C	SENNAR	SUDAN
86260	C	SAN JUAN BAUTISTA MISIONES	PARAGUAY	48948	C	SENO	LAO PDR
80431	C	SAN JUAN DE LOS MORROS	VENEZUELA	47108	C	SEOUL	REP KOREA
78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO AND US	71811	T	SEPT-ILES UA, QUE.	CANADA
87909	C	SAN JULIAN AERO	ARGENTINA	61976	C	SERGE-FROLOW (ILE TROMELIN)	OCEAN ISLANDS
87436	C	SAN LUIS AERO	ARGENTINA	08391	C	SEVILLA/SAN PABLO	SPAIN
86185	C	SAN PEDRO	PARAGUAY	63980	C	SEYCHELLES INT. AIRPORT	SEYCHELLES
87509	C	SAN RAFAEL AERO	ARGENTINA	58362	CT	SHANGHAI	CHINA
08027	C	SAN SEBASTIAN/IGUELDO	SPAIN	03962	C	SHANNON AIRPORT	IRELAND
96491	C	SANDAKAN	MALAYSIA	59316	C	SHANTOU	CHINA
71101	C	SANDSPIT, B.C.	CANADA	41136	C	SHARURAH	SAUDI ARABIA
17270	C	SANLIURFA	TURKEY	70414	T	SHEMYA AFB	USA
85123	C	SANTA ANA	BOLIVIA	54342	C	SHENYANG	CHINA
60020	C	SANTA CRUZ DE TENE- RIFE, CM	SPAIN	72666	C	SHERIDAN/COUNTY, WY.	USA
85245	C	SANTA CRUZ/EL TROMPILLO	BOLIVIA	47898	C	SHIMIZU	JAPAN
80462	C	SANTA ELENA DE UAIREN	VENEZUELA	47778	CT	SHIONOMISAKI	JAPAN
80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA	40848	C	SHIRAZ	IRAN, ISLAMIC REP
87623	CT	SANTA ROSA AERO	ARGENTINA	72248	C	SHREVEPORT/REG., LA.	USA

# STATION LIST RECENT DATA

41600	C	SIALKOT	PAKISTAN	80475	C	STO.DOMINGO(B.A.)	VENEZUELA
26524	C	SIAULIAI	LITHUANIA	03026	C	STORNOWAY	U KINGDOM
64405	C	SIBITI	CONGO	07190	C	STRASBOURG	FRANCE
15260	C	SIBIU	ROMANIA	10738	C	STUTTGART-ECHTERDINGEN	GERMANY
96073	C	SIBOLGA/PINANGSORI	INDONESIA	10739	T	STUTTGART/SCHNARRENBURG	GERMANY
96421	C	SIBU	MALAYSIA	85283	C	SUCRE	BOLIVIA
60520	C	SIDI BEL ABBES	ALGERIA	15360	C	SULINA	ROMANIA
17210	C	SIIRT	TURKEY	97260	C	SUMBAWA BESAR/SUMBAWABESAR	INDONESIA
61297	C	SIKASSO	MALI	02365	T	SUNDSVALL-HARNOSANDFPL	SWEDEN
42619	C	SILCHAR	INDIA	24738	C	SUNTAR	RUSSIAN FEDERATION
33946	C	SIMFEROPOL'	UKRAINE	98653	C	SURIGAO	PHILIPPINES
48698	CT	SINGAPORE/CHANGIAIRPORT	SINGAPORE	47421	C	SUTTSU	JAPAN
72557	C	SIoux CITY/MUN.,IA.	USA	01008	C	SVALBARDLUFTHAVN	NORWAY
72651	C	SIoux FALLS/FOSS FIELD, SD.	USA	94767	C	SYDNEY AIRPORT	AUSTRALIA
71842	C	SIoux LOOKOUT,ONT.	CANADA	23804	CT	SYKTYVVKAR	RUSSIAN FEDERATION
17090	C	SIVAS	TURKEY	89532	CT	SYOWA	JAPAN
62417	C	SIWA	EGYPT	72519	C	SYRACUSE/HANCOCK,NY.	USA
71069	C	SLAVE LAKE, ALTA	CANADA	12205	C	SZCZECIN	POLAND
11903	C	SLIAC	SLOVAKIA	12982	CT	SZEGED	HUNGARY
71950	C	SMITHERS,B.C.	CANADA	63832	C	TABORA AIRPORT	U REP TANZANIA
02836	CT	SODANKYLA	FINLAND	65592	C	TABOU	COTE D'IVOIRE
15614	CT	SOFIA (OBSERV.)	BULGARIA	40706	C	TABRIZ	IRAN, ISLAMIC REP
65361	C	SOKODE	TOGO	40375	CT	TABUK	SAUDI ARABIA
63962	C	SONGEA	U REP TANZANIA	98550	C	TACLOBAN	PHILIPPINES
48568	CT	SONGKHLA	THAILAND	84782	C	TACNA	PERU
11146	C	SONNBLICK	AUSTRIA	47133	C	TAEJON	REP KOREA
16746	C	SOUDA (AIRPORT)	GREECE	98644	C	TAGBILARAN	PHILIPPINES
60423	C	SOUK AHRAS	ALGERIA	83235	C	TAGUATINGA	BRAZIL
72535	C	SOUTH BEND/ST.JOSEPHCO.,IN.	USA	91938	CT	TAHITI-FAAA	FRENCH POLY.
72785	C	SPOKANE/INT.,WA.	USA	61043	C	TAHOA	NIGER
68512	CT	SPRINGBOK	SOUTH AFRICA	41036	C	TAIF	SAUDI ARABIA
72439	C	SPRINGFIELD/CAPITAL,IL.	USA	45011	C	TAIPA	MACAU
42027	CT	SRINAGAR	INDIA	53772	C	TAIYUAN	CHINA
61986	C	ST. BRANDON (ST. RAPHAEL)	MAURITIUS	47891	C	TAKAMATSU	JAPAN
61901	CT	ST. HELENA IS.	OCEAN ISLANDS	91943	C	TAKAROA	FRENCH POLY.
72434	C	ST. LOUIS/LAMBERT,ST., MO.	USA	72214	C	TALLAHASSEE/MUN.,FL.	USA
70308	C	ST. PAUL	USA	26038	C	TALLINN	ESTONIA
26063	CT	ST. PETERBURG	RUSSIAN FEDERATION	60680	CT	TAMANRASSET	ALGERIA
11028	C	ST. POELTEN	AUSTRIA	67095	C	TAMATAVE	MADAGASCAR
71801	T	ST.JOHN'S UA,NLFD	CANADA	61687	C	TAMBACOUNDA	SENEGAL
83997	C	ST.VITORIADO PALMAR	BRAZIL	38413	C	TAMDY	UZBEKISTAN
01415	CT	STAVANGER/SOLA	NORWAY	72211	C	TAMPA/INT.,FL.	USA
71815	T	STEPHENVILLEUA,NFLD	CANADA	76548	C	TAMPICO, TAMPS	MEXICO
72403	T	STERLING, VA.	USA	87645	C	TANDIL AERO	ARGENTINA

# STATION LIST RECENT DATA

47837	C	TANEGASHIMA	JAPAN	08238	C	TORTOSA	SPAIN
60101	C	TANGER(AERODROME)	MOROCCO	44225	C	TOSONTSENGEL	MONGOLIA
76903	C	TAPACHULA,CHIS.	MEXICO	07630	C	TOULOUSE/BLAGNAC	FRANCE
96509	C	TARAKAN/JUWATA	INDONESIA	94294	CT	TOWNSVILLEAERO	AUSTRALIA
84455	C	TARAPOTO	PERU	16429	C	TRAPANI/BIRGI	ITALY
44230	C	TARIALAN	MONGOLIA	86500	C	TREINTA Y TRES	URUGUAY
23552	C	TARKO-SALE	RUSSIAN FEDERATION	87828	C	TRELEW AERO	ARGENTINA
26242	C	TARTU	ESTONIA	87688	C	TRES ARROYOS	ARGENTINA
38457	C	TASHKENT	UZBEKISTAN	83618	C	TRES LAGOAS	BRAZIL
04360	CT	TASIILAQ (AMASSALIK)	GREENLAND	10609	C	TRIER-PETRISBERG	GERMANY
47646	T	TATENO	JAPAN	43418	C	TRINCOMALEE	SRI LANKA
96481	CT	TAWAU	MALAYSIA	83650	T	TRINDADE(ILHA)	BRAZIL
40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP	85154	C	TRINIDAD	BOLIVIA
85743	C	TEMUCO	CHILE	01025	C	TROMSO/LANGNES	NORWAY
60410	C	TENES	ALGERIA	84501	C	TRUJILLO	PERU
56739	C	TENGCHONG	CHINA	91334	C	TRUK, CAROLINEIS.	USA
94238	C	TENNANTCREEK MET OFFICE	AUSTRALIA	44282	C	TSETSERLEG	MONGOLIA
83492	C	TEOFILOTONI	BRAZIL	44347	C	TSOGT-OVOO	MONGOLIA
76556	C	TEPIC,NAY	MEXICO	91954	C	TUBUAI	FRENCH POLY.
82578	C	TERESINA	BRAZIL	72274	C	TUCSON/INT.,AZ.	USA
61202	C	TESSALIT	MALI	87121	C	TUCUMAN AERO	ARGENTINA
60318	C	TETUAN/SANIARAMEL	MOROCCO	98233	C	TUGUEGARAO	PHILIPPINES
48946	C	THAKHEK	LAO PDR	76634	C	TULANCINGO,HGO.	MEXICO
71867	CT	THE PAS, MAN.	CANADA	67161	C	TULEAR	MADAGASCAR
16622	C	THESSALONIKI/MIKRA	GREECE	84370	C	TUMBES	PERU
43371	CT	THIRUVANANTHAPURAM	INDIA	80453	C	TUMEREMO	VENEZUELA
71079	C	THOMPSON WEATHER OFFICE-MAN.	CANADA	60715	C	TUNIS-CARTHAGE	TUNISIA
06011	CT	THORSHAVN	DENMARK & FAROE IS.	24507	CT	TURA	RUSSIAN FEDERATION
61450	C	TIDJIKJA	MAURITANIA	40356	C	TURAIIF	SAUDI ARABIA
61036	C	TILLABERY	NIGER	38507	C	TURKMENBASHI	TURKMENISTAN
81002	C	TIMEHRI CHEDDI JAGAN INTERNA	GUYANA	02972	C	TURKU	FINLAND
60607	C	TIMIMOUN	ALGERIA	23472	CT	TURUHANSK	RUSSIAN FEDERATION
15247	C	TIMISOARA	ROMANIA	48407	T	UBON RATCHATHANI	THAILAND
02366	C	TIMRA/MIDLANDA	SWEDEN	06447	CT	UCCLE	BELGIUM
60656	C	TINDOUF	ALGERIA	16045	C	UDINE/RIVOLTO	ITALY
03100	C	TIREE	U KINGDOM	48354	C	UDON THANI	THAILAND
60395	C	TIZI-OUZOU	ALGERIA	44214	C	UIGI	MONGOLIA
60531	C	TLEMCEN (ZENATA)	ALGERIA	44292	C	ULAAN-BAATOR	MONGOLIA
28275	C	TOBOL'SK	RUSSIAN FEDERATION	44212	C	ULAAN-GOM	MONGOLIA
47662	C	TOKYO	JAPAN	44272	C	ULIASTAI	MONGOLIA
72536	C	TOLEDO/EXPRESS,OH.	USA	47115	C	ULLUNGDO	REP KOREA
76675	C	TOLUCA,MEX	MEXICO	44304	C	UNDERKHAAN	MONGOLIA
61223	C	TOMBOUCTOU	MALI	76225	C	UNIV. DE CHIHUAHUA, CHIHUAHU	MEXICO
76382	C	TORREON, COAH.	MEXICO	68424	C	UPINGTON	SOUTH AFRICA

# STATION LIST RECENT DATA

47426	C	URAKAWA	JAPAN	72256	C	WACO,MADISON-COOPER,TX.	USA
51463	CT	URUMQI	CHINA	62751	C	WAD MEDANI	SUDAN
17188	C	USAK	TURKEY	03377	C	WADDINGTON	U KINGDOM
87938	C	USHUAIA AERO	ARGENTINA	41061	C	WADI AL DAWASSER AIRPORT	SAUDI ARABIA
30635	C	UST'-BARGUZIN	RUSSIAN FEDERATION	62600	C	WADI HALFA	SUDAN
85766	C	VALDIVIA	CHILE	94910	CT	WAGGA AIRPORT	AUSTRALIA
80472	C	VALENCIA	VENEZUELA	47600	CT	WAJIMA	JAPAN
08284	C	VALENCIA/AEROPUERTO	SPAIN	47401	CT	WAKKANAI	JAPAN
03953	CT	VALENTIAOBSERVATORY	IRELAND	12375	C	WARSZAWA-OKECIE	POLAND
80426	C	VALERA	VENEZUELA	72405	C	WASHINGTON/NAT.,VA.	USA
08141	C	VALLADOLID	SPAIN	40400	C	WEJH	SAUDI ARABIA
80434	C	VALLE DE LA PASCUA	VENEZUELA	72203	C	WEST PALM BEACH/INT.,FL.	USA
03302	C	VALLEY	U KINGDOM	10055	CT	WESTERMARKELSDORF	GERMANY
17170	C	VAN	TURKEY	71964	CT	WHITEHORSE,UA, Y.T.	CANADA
01098	C	VARDO	NORWAY	72351	C	WICHITA FALLS/SHEPS AFB TX	USA
15552	C	VARNA	BULGARIA	11035	CT	WIEN/HOHEWARTE	AUSTRIA
26477	C	VELIKIE LUKI	RUSSIAN FEDERATION	72513	C	WILKES-BARRE-SCRANTONPA.	USA
83264	C	VERA (GLEBA CELESTE)	BRAZIL	94776	CT	WILLIAMTOWNAERODROME	AUSTRALIA
42909	C	VERAVAL	INDIA	94299	CT	WILLIS ISLAND	AUSTRALIA
24266	CT	VERHOJANSK	RUSSIAN FEDERATION	72767	C	WILLISTON/SLOULINFIELD, ND.	USA
89063	C	VERNADSKY	UKRAINE	72583	C	WINNEMUCCA/MUN.,NV.	USA
16090	C	VERONA/VILLAFRANCA	ITALY	10474	C	WITTENBERG	GERMANY
72255	C	VICTORIA/VICTORIAREG., TX.	USA	12497	C	WLODAWA	POLAND
87791	C	VIEDMA AERO	ARGENTINA	12425	T	WROCLAWI	POLAND
48940	C	VIENTIANE	LAO PDR	12424	C	WROCLAWII	POLAND
08045	C	VIGO/PEINADOR	SPAIN	57036	C	XI'AN	CHINA
83208	T	VILHENA (AEROPORTO)	BRAZIL	56571	C	XICHANG	CHINA
24641	C	VILJUJSK	RUSSIAN FEDERATION	85365	C	YACUIBA	BOLIVIA
60096	C	VILLA CISNEROS	WESTERN SAHARA	72781	C	YAKIMA/YAKIMAAIR TERM.,WA.	USA
87244	C	VILLA DE MARIA DEL RIO SECO	ARGENTINA	70361	CT	YAKUTAT	USA
87328	C	VILLA DOLORES AERO	ARGENTINA	54292	C	YANJI	CHINA
87448	C	VILLA REYNOLDS AERO	ARGENTINA	91413	C	YAP, CAROLINEIS.	USA
11212	C	VILLACHERALPE	AUSTRIA	71603	CT	YARMOUTH,N.S.	CANADA
76743	C	VILLAHERMOSA,TAB	MEXICO	40439	C	YENBO	SAUDI ARABIA
86233	C	VILLARRICA	PARAGUAY	57461	C	YICHANG	CHINA
80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA	53614	C	YINCHUAN	CHINA
26730	C	VILNIUS	LITHUANIA	51431	C	YINING	CHINA
48845	C	VINH	VIET NAM	47744	T	YONAGO	JAPAN
02590	C	VISBY FLYGPLATS	SWEDEN	47168	C	YOSU	REP KOREA
83648	C	VITORIA	BRAZIL	72525	C	YOUNGSTOWN,OH.	USA
83344	C	VITORIA DA CONQUISTA	BRAZIL	98836	C	ZAMBOANGA	PHILIPPINES
31960	C	VLADIVOSTOK	RUSSIAN FEDERATION	44358	C	ZAMYN-UUD	MONGOLIA
27037	CT	VOLOGDA	RUSSIAN FEDERATION	81225	C	ZANDERIJ	SURINAME
22837	C	VYTEGRA	RUSSIAN FEDERATION	08160	C	ZARAGOZA/AEROPUERTO	SPAIN

# STATION LIST RECENT DATA

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57083	C	ZHENGZHOU	CHINA
57745	C	ZHIJIANG	CHINA
41620	C	ZHOB	PAKISTAN
61090	C	ZINDER	NIGER
17022	C	ZONGULDAK	TURKEY
61404	C	ZOUERATE	MAURITANIA
10961	C	ZUGSPITZE	GERMANY
06660	C	ZURICH (TOWN/VILLE).	SWITZERLAND
25400	C	ZYRJANKA	RUSSIAN FEDERATION

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