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MONTHLY

CLIMATIC

DATA

FOR THE WORLD

PREPARED IN COOPERATION WITH THE  
WORLD METEOROLOGICAL ORGANIZATION

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

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

Director  
National Climatic Data Center

**noaa**

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Atmospheric Administration

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Climatic Data Center  
Asheville, North Carolina

## PREFACE

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

## REFERENCE NOTES

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

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

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

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

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

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

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

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

## **SURFACE DATA TABLES**

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

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

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

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

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

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

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

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

## **UPPER AIR DATA TABLES**

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

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

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

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

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# SURFACE

## DECEMBER 2002

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		1010.7	1011.9	.5	5.7	5.7	2.0	15	73	8	4		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1012.2	1015.7	-7.5	5.8	2.8	.8	6	17	3	4		
01025 TROMSO/LANGNES	6941N	01855E	10		1018.8	1019.9	-3.9	-1.2	3.8	-4	11	79	-26	2		
01028 BJORNOYA	7431N	01901E	16		1014.4	1016.5	-3.8	3.3	4.2	.7	9	21	-10	2		
01098 VARDØ	7022N	03106E	15		1015.8	1017.6	-3.8	-1	3.8	-3	15	70	17	5		
01152 BODØ VI	6715N	01422E	20		1019.1	1020.8	-2.0	-8	4.2	-3	11	53	-47	1	0	
01241 ORLAND III	6342N	00936E	7		1020.2	1021.4	-5	-1.0	4.6	-8	8	68	-45	2		
01317 BERGEN/FLORIDA	6023N	00520E	36		1017.3	1021.7	.8	-1.8	4.9	-1.2	9	59	-176	1		
01384 OSLO/GARDERMOEN	6012N	01105E	204		1000.6	1026.4	-8.8	-3.1	3.1	-8	9	41	-24	2		
01415 STAVANGER/SOLA	5853N	00538E	9		1021.1	1022.1	.3	-1.9	4.7	-1.5	3	8	-102	1		
<b>SWEDEN</b>																
02080 KARESUANDO	6826N	02230E	325		979.7	1022.2	-15.5	-1.5	2.1	-.3	3	8	-16	0	0	
02128 GUNNARN	6458N	01742E	281		988.5	1024.7	-12.6	-1.5	2.6	-.3	6	29	-8	2		
02196 HAPARANDA	6550N	02409E	6		1022.7	1023.4	-12.5	-3.0	2.4	-.8	5	24	-18	1	5	
02226 FROSON	6312N	01430E	360		977.0	1025.3	-7.3	-1.2	3.5	-.2	3	15	-16	1	36	
02366 TIMRA/MIDLANDA	6231N	01727E	7		1024.6	1025.1	-8.0	-1.3	3.4	-.3	6	23	-29	1		
02418 KARLSTAD FLYGPLATS	5922N	01328E	50		1012.1	1025.9	-5.9	-3.0	3.6	-1.3	3	23	-25	1	51	119
02512 GÖTEBORG/SAVE	5747N	01153E	16		1022.2	1024.5	-2.7	-3.0	4.8	-1.1	6	19	-56	0	31	82
02550 JONKÖPING/AXAMÖ	5745N	01405E	218		996.1	1024.9	-5.0	-3.0	4.1	-1.1	4	22	-31	1		
02590 VISBY FLYGPLATS	5740N	01821E	41		1018.2	1024.6	-1.8	-2.5	4.6	-1.3	4	15	-36	1	28	97
<b>FINLAND</b>																
02801 KILPISJARVI	6903N	02047E	476		963.9	1024.2	-14.8		2.1		7	28		3		
02805 KEVO	6945N	02702E	101		1008.6	1021.4	-16.0		2.0		5	17		2	0	
02836 SODANKYLÄ	6722N	02639E	179		1001.0	1023.8	-16.5	-3.4	2.0		4	13	-18	1	2	
02869 KUUSAMO	6558N	02911E	263		990.2	1023.9	-16.0	-4.5	1.9		6	30	-7	2		
02875 OULU	6456N	02522E	15		1021.9	1023.7	-12.3	-4.1	2.5		4	30	2	3		
02897 KAJAANI	6417N	02741E	136		1007.3	1024.4	-14.7	-5.3	2.1		7	26	-7	2		
02929 JOENSUU	6240N	02938E	117		1008.4	1023.6	-13.2	-5.0	2.4		6	25	-20	2		
02935 JYVASKYLÄ	6224N	02541E	145		1006.9	1024.7	-11.5	-4.3	2.7		6	18	-29	1	31	
02942 NIINISALO	6151N	02228E	136		1009.2	1025.1	-9.5	-3.9	3.0		5	11	-36	0		
02963 JOKIOINEN	6049N	02330E	103		1011.7	1024.9	-8.9	-4.0	3.1		0	0	-42	0	42	156
02972 TURKU	6031N	02216E	59		1017.5	1025.0	-7.6	-4.0	3.2		2	7	-52	0	42	145
02974 HELSINKI-VANTAA	6019N	02458E	56		1017.5	1024.7	-8.1	-4.0	3.0		3	11	-47	1	47	174
<b>UNITED KINGDOM</b>																
03005 LERWICK	6008N	00111W	84		1007.3	1017.5	5.0	1.1	7.2		17	120	-22	3	9	69
03026 STORNOWAY	5813N	00619W	13		1013.2	1015.1	5.4	.6	7.9		6	23	-105	0	21	88
03066 KINLOSS	5739N	00334W	7		1014.5	1015.1	4.4	.6	7.4		4	14	-38	1	32	91
03091 ABERDEEN/DYCE AIRPORT	5712N	00213W	65		1007.5	1015.5	5.5	2.0	7.5		19	111	38	5	16	38
03100 TIRRE	5630N	00653W	12		1011.6	1012.7	6.6	.7	8.1		12	52	-69	1	32	107
03162 ESKDALEMUIR	5519N	00312W	242		984.7	1014.5	3.5	1.0	7.2		15	129	-36	2	32	84
03257 LEEMING	5418N	00132W	40		1010.4	1014.3	4.7	.7	7.7		14	108	56	5	28	61

# SURFACE

## DECEMBER 2002

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
<b>03302 VALLEY</b>	5315N	00432W	11		1010.8	1012.1	6.4	.0	8.5		17	83	-11	3	55	112
03334 MANCHESTER AIRPORT	5321N	00217W	68		1004.5	1013.0	5.8	1.3	7.9		17	110	32	5	51	116
<b>03377 WADDINGTON</b>	5310N	00031W	68		1005.4	1013.9	5.2	1.3	8.0		16	93	40	5	37	76
03502 ABERPORTH	5208N	00434W	133		995.7	1012.0	6.5	.7	8.6		16	85	-10	3	46	98
03740 LYNEHAM	5130N	00159W	145		995.0	1012.9	5.9	1.6	8.4		18	96	20	4	44	88
03797 MANSTON	5121N	00121E	55		1008.2	1013.7	6.8	1.7	9.2		16	105	56	6	21	41
<b>03808 CAMBORNE</b>	5013N	00519W	88		1001.1	1011.7	8.0		9.6		18	180		4	38	70
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1011.5	1012.7	7.2	2.1	9.3		16	136	46	5	44	77
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		1004.5	1012.9	5.7	1.1	8.1		12	52	-26	2	51	134
<b>IRELAND</b>																
<b>03953 VALENTIA OBSERVATORY</b>	5156N	01015W	30		1007.0	1010.7	8.3	.3	9.3	.1	14	146	-13	3	39	105
03955 CORK AIRPORT	5151N	00829W	162		991.4	1011.2	6.6	.4	9.0	.3	20	145	9	3	33	65
03957 ROSSLARE	5215N	00620W	25		1008.4	1011.5	8.2	1.0	9.6	.8	18	121	23	4	34	60
03962 SHANNON AIRPORT	5242N	00855W	20		1008.8	1011.2	6.8	.3	9.2	.6	14	92	-7	3	30	65
03967 CASEMENT AERODROME	5318N	00626W	93		1000.5	1011.9	6.4		8.7		13	75			29	60
03969 DUBLIN AIRPORT	5326N	00615W	85		1001.8	1012.3	6.4	.4	8.4	.3	15	98	22	4	30	55
03973 CONNAUGHT AIRPORT	5345N	00849W	209		986.1	1011.8	4.8		8.2		15	99			35	
03976 BELMULLET	5414N	01000W	10		1009.8	1011.0	6.6	-.4	9.1	.5	15	86	-33	2	37	105
<b>03980 MALIN HEAD</b>	5522N	00720W	25		1009.1	1012.1	6.8	.2	8.3	.1	10	46	-57	1	41	145
<b>ICELAND</b>																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		999.7	1005.7	4.6		7.5		17	163			5	
04030 REYKJAVIK	6408N	02156W	61		998.6	1006.1	4.5	4.7	7.0	2.0	16	119	41	5	8	
04063 AKUREYRI	6541N	01805W	27		1004.6	1008.0	2.4	4.3	5.5	.9	5	16	-36	0	0	
04082 AKURNES	6418N	01513W	21		1007.7	1010.3	3.6		7.1		18	231			6	
<b>GREENLAND</b>																
<b>04210 UPERNAVIK</b>	7247N	05610W	122			1001.6										
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	41			1001.0	-5.3	4.5	2.7		7	17	-9			
<b>04250 NUUK (GODTHAAB)</b>	6410N	05145W	70			998.9	-3.7	2.5	3.3		10	39	-15			
04312 STATION NORD AWS	8136N	01641W	36			1013.9	-20.9	7.0	.9		2	6				
<b>04320 DANMARKSHAVN</b>	7646N	01840W	12			1013.8	-16.3	5.5	1.2		8	38	23			
04339 ILLOQQORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1012.3	-7.4		2.6		11	77	61			
<b>04360 TASIILAQ (AMASSALIK)</b>	6536N	03738W	52			1002.8	-1.2	6.0	5.0		19	128	22			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			995.2	-.7	2.5	4.4		13	111	-135			
<b>DENMARK &amp; FAROE IS.</b>																
<b>06011 THORSHAVN</b>	6201N	00646W	55			1014.8	6.2	2.4	7.8		20	113	-58			
06030 AALBORG	5706N	00951E	13			1023.2	.1	-1.2	5.2		3	22				
<b>06186 KOEBENHAVN/LANDBOHOEJTSKOLEN</b>	5541N	01233E	7			1022.8	.2		5.4		3	22				
06190 ROENNE	5504N	01445E	16			1023.0	.7	-1.6	6.0		7	24				
<b>NETHERLANDS</b>																
06235 DE KOOY	5255N	00447E	14			1016.1	2.3	-1.9	7.0	-.4	11	71	-5	3	37	100
<b>06260 DE BILT</b>	5206N	00511E	15		1015.3	1015.6	2.9	-.3	7.2	.1	11	89	6	4	43	100
<b>BELGIUM</b>																
06447 UCCLLE	5048N	00421E	104		1002.8	1015.2	4.4	1.0	8.0	.8	14	109	33	5	38	86

# SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>LUXEMBOURG</b>																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		970.8	1016.9	3.1		7.2		14	88	9	4	24	57
<b>SWITZERLAND</b>																
06660 ZURICH (TOWN/VILLE).	4723N	00834E	569		949.5	1017.9	3.9	3.3	7.1	1.7	14	80	5	4	15	39
<b>06680 SAENTIS</b>	4715N	00921E	2500		746.1	3000 Z	-4.6	1.9	3.3	.8	12	265	19	4	89	74
06700 GENEVE-COINTRIN	4615N	00608E	416		968.1	1018.3	5.6	3.8	7.9	2.3	17	81	-1	4	7	17
06770 LUGANO	4600N	00858E	276		984.9	1018.5	6.1	2.5	7.3	1.8	7	45	-20	2	65	56
<b>FRANCE</b>																
07005 ABBEVILLE	5008N	00150E	77		1004.5	1013.9	5.7		8.6		15	128			25	50
07015 LILLE	5034N	00306E	52		1008.4	1014.3	5.1		8.2		12	100			31	65
07020 LA HAGUE	4943N	00156E	9		1010.4	1012.1	9.4		10.6		19	96				
07027 CAEN	4911N	00027W	78		1005.0	1013.2	7.5	2.2	9.6		18	81	12	4	32	50
07037 ROUEN	4923N	00111E	157		995.4	1014.0	5.9		8.9		15	123			22	50
07070 REIMS	4918N	00402E	99		1003.9	1015.1	5.6		8.5		13	64			17	35
07100 OUESSANT	4828N	00508W	35		1003.2	1011.5	9.6		10.8		22	123				
07110 BREST	4827N	00425W	99		1000.6	1012.1	8.5	1.2	10.2		18	181	41	4	31	49
07117 PLOUMANACH	4850N	00328W	71		1004.9	1012.2	9.2		10.3		21	120				
<b>07130 RENNES</b>	4804N	00144W	37		1008.0	1013.2	8.5		10.0		18	109			29	45
07139 ALENCON	4827N	00007E	144		996.0	1013.6	7.0		9.7		20	115			28	55
07149 PARIS-ORLY	4844N	00224E	96		1003.4	1014.5	6.8		9.2		14	76				
07180 NANCY/ESSEY	4841N	00613E	217		990.5	1016.4	5.0	2.9	8.0		14	71	1	4	34	76
<b>07190 STRASBOURG</b>	4833N	00738E	154		998.1	1016.9	4.3	2.5	7.8		11	49	10	5	37	88
07207 LE TALUT	4718N	00313W	43		1008.2	1013.5	10.1		11.2		20	120				
07222 NANTES	4710N	00136W	27		1010.5	1013.7	8.7	2.8	10.3		20	155	71	5	38	55
07255 BOURGES	4704N	00222E	166		995.0	1015.2	7.4	3.6	9.5		16	86	23	4	18	31
07265 AUXERRE	4748N	00333E	212		989.6	1015.3	6.7		9.1		18	81			14	25
07280 DIJON	4716N	00505E	227		988.8	1016.5	5.6	3.5	8.4		15	60	-2	3	17	32
07299 BALE-MILHOUSE	4736N	00731E	271		983.8	1017.1	4.9		8.0		11	43			31	60
07314 CHASSIRON	4602N	00125W	22		1011.7	1014.5	10.4		11.1		16	119				
07335 POITIERS	4635N	00019E	129		1000.2	1014.9	8.1		9.7		15	77			34	55
07434 LIMOGES	4552N	00111E	402		967.3	1015.6	6.9		8.7		16	98			32	45
07460 CLERMONT-FERRAND	4547N	00310E	332		976.2	1015.7	7.4		8.4		10	30			40	55
07471 LE BUY	4505N	00346E	833		918.9		3.4		7.0		14	77			36	45
07481 LYON/SATOLAS	4544N	00505E	248		987.6	1016.7	6.6		8.7		16	78			10	15
07510 BORDEAUX/MERIGNAC	4450N	00042W	61		1008.8	1015.4	9.7		10.3		13	91	-7	3	63	85
07535 GOURDON	4445N	00124E	264		984.5	1016.0	8.2		9.4		11	60			56	65
07558 MILLAU	4407N	00301E	720		932.1	1016.7	5.3		8.0		11	61			46	50
07560 MONT AIGOUAL	4407N	00335E	1567		839.2		.8		6.0		12	353				
07591 EMBRUN	4434N	00630E	876		914.0		3.5		5.4		6	41			93	65
07607 MONT-DE-MARSAN	4355N	00030W	63		1008.9	1016.1	8.7		10.5		14	86			72	90
<b>07630 TOULOUSE/BLAGNAC</b>	4338N	00122E	153		997.3	1016.4	8.5		9.7		10	74	19	4	65	75
07643 MONTPELLIER	4335N	00358E	6		1015.1	1016.1	9.1		9.0		9	127			107	85
07661 CAP CEPET	4305N	00556E	136		998.5	1014.9	10.7		10.0		11	108				
07690 NICE	4339N	00712E	10		1011.4	1014.8	9.8		9.2		7	58	-19	2	103	70
07747 PERPIGNAN	4244N	00252E	48		1010.3	1016.0	10.0		9.6		3	20	-34	2	102	90
07761 AJACCIO	4155N	00848E	9		1013.6	1014.7	10.5		10.7		8	65	-10	3	80	65

## SURFACE

DECEMBER 2002

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	
07790 BASTIA	4233N	00929E	12		1012.9	1014.8	10.9		10.0		12	64			71	55
<b>SPAIN</b>																
08001 LA CORUNA	4322N	00825W	67		1006.2	1014.2	13.0	2.1	11.6	1.1	19	128	1	4	57	62
08015 OVIEDO	4321N	00552W	339		973.9	1014.0	11.2	2.3	10.0	1.4	11	78	-13	3	73	69
08023 SANTANDER	4328N	00348W	59		1007.9	1015.0	13.5	3.0	11.7	2.2	13	106	-35	2	80	98
<b>08027 SAN SEBASTIAN/IGUELDO</b>	4318N	00203W	259		984.3	1015.1	11.8	3.2	9.6	1.0	14	253	89	4	81	99
08045 VIGO/PEINADOR	4213N	00838W	255		986.5	1017.3	11.2	2.5	12.2	2.4	24	376	107	4	64	68
08075 BURGOS/VILLAFRIA	4222N	00338W	891		914.8	1540 Y	6.5	3.3	8.4	1.4	17	63	15	4	42	55
08084 LOGRONO/AGONCILLO	4227N	00220W	363		974.5	1018.0	8.3	2.0	9.3	1.8	12	64	34	6	57	58
08141 VALLADOLID	4139N	00446W	739		931.4	1017.5	7.3	3.0	9.0	1.8	13	80	37	5		
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		986.9	1017.9	9.5	3.0	9.2	1.6	7	29	8	4	99	81
<b>08181 BARCELONA/AEROPUERTO</b>	4117N	00204E	6		1015.8	1016.4	11.7	2.0	10.4	1.7	3	41	-8	3	138	97
08184 GERONA/COSTA BRAVA	4154N	00246E	129		999.7	1015.2	9.0	1.3	9.2	.7	3	60	14	4	103	74
<b>08202 SALAMANCA/MATACAN</b>	4057N	00530W	795		926.5	1019.3	7.2	3.1	8.6	1.1	11	36	2	3	101	101
08221 MADRID/BARAJAS	4027N	00333W	582		950.5	1019.3	7.6	1.7	9.0	1.6	10	59	16	4	115	95
08238 TORTOSA	4049N	00030E	50		1010.2	1016.1	12.3	1.8	10.0	1.4	5	29	-13	3	134	86
08261 CACERES	3928N	00620W	405		972.8	1020.9	10.6	2.2	11.1	2.4	13	118	48	4	102	75
<b>08280 ALBACETE/LOS LLANOS</b>	3857N	00151W	704		938.0	1020.4	8.3	3.0	9.4	1.9	5	26	-4	3	113	82
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1010.0	1017.5	13.7	3.2	10.0	1.0	2	30	-11	3	138	86
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1016.6	1017.2	12.7	2.2	12.5	2.1	5	45	1	4	119	82
08314 MENORCA/MAHON	3952N	00414E	82		1006.3	1016.6	13.3	1.5	12.4	1.3	11	78	4	4	134	100
08330 BADAJOZ/TALAVERA LA REAL	3853N	00649W	192		996.8	1018.9	11.8	2.8	11.9	2.0	12	84	22	4	105	78
08348 CIUDAD REAL	3859N	00355W	629		946.5	1020.4	9.3	3.4	9.7	1.6	11	62	10	4	106	85
08359 ALICANTE	3822N	00030W	82		1008.3	1018.2	14.3	2.2	11.5	2.0	3	16	-17	3	145	86
08373 IBIZA/ES CODOLA	3852N	00123E	12		1015.5	1017.6	14.8	2.1	12.6	1.5	4	42	-13	3		
<b>08410 CORDOBA/AEROPUERTO</b>	3751N	00451W	92		1009.9	1020.9	12.1	2.4	12.4	2.5	12	140	56	4	135	86
08433 MURCIA/SAN JAVIER	3747N	00048W	3		1018.0	1018.3	13.6	2.3	13.2	2.7	3	11	-26	2	152	104
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1017.3	1020.5	13.9	2.5	13.2	1.7	10	84	-22	3	168	101
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1019.2	1020.1	14.4	1.8	12.0	1.4	10	87	-10	3		
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1015.7	1018.2	15.0	1.7	11.8	1.0	1	3	-17	2	178	99
<b>GIBRALTAR</b>																
08495 GIBRALTAR	3609N	00521W	5		1019.6	1020.2	15.1				12	133		3	166	115
<b>PORTUGAL</b>																
<b>08506 HORTA (ACORES)</b>	3831N	02838W	62		1005.1	1012.4	15.0	-0.2	14.0	-0.4	17	177	57	5	66	80
<b>08513 PONTA DELGADA (OBS.)</b>	3745N	02540W	36		1009.5	1013.9	15.6	.4	17.7	2.9	16	193	66	4		
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1003.0	1015.0	15.6	.2	15.3	1.2	12	147	52	5		
<b>08535 LISBOA/GEOP</b>	3843N	00909W	95		1006.4	1017.8	13.7	1.9	14.0	2.8	13	162	54	4	97	68
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1004.9	1017.0	12.0	2.1	12.1	2.0	18	307	131	5	95	77
08558 EVORA/C. COORD	3832N	00754W	246		989.9	1019.6	11.0		11.9		11	125			98	
08575 BRAGANCA	4148N	00644W	692		937.0	1019.2	7.0	2.0	9.3	1.7	18	251	153	5	63	61
<b>GERMANY</b>																
10035 SCHLESWIG	5432N	00933E	48		1014.2	1020.3	.2	-1.5	5.5	-1.0	8	34	-54	1	45	115
10055 WESTERMARKELSDORF	5432N	01104E	9		1020.0	1021.1	.8		5.6		5	27			39	95
10091 ARKONA	5441N	01326E	42		1016.8	1022.1	.7		5.4		4	22			41	105
<b>10147 HAMBURG-FUHLBUETTEL</b>	5338N	00959E	15		1018.0	1019.9	-0.6	-2.5	5.3	-1.2	8	22	-50	1	46	131

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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.
10162 SCHWERIN	5339N	01123E	68		1012.0	1020.7	-1.2		5.0		5	13		1	56	155
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1019.6	1021.2	- .4	-2.3	5.1	-1.3	4	13	-35	1	53	147
10184 GREIFSWALD	5406N	01324E	6		1021.1	1021.8	-1.7		4.8		3	10		0	43	105
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1016.9	1017.5	.4		6.1		11	63			40	105
10270 NEURUPPIN	5254N	01249E	39		1015.2	1020.9	-1.5		5.1		4	8		1	66	230
10291 ANGERMUENDE	5302N	01400E	35		1014.6	1021.7	-2.6		4.5		1	5			71	195
10338 HANNOVER	5228N	00941E	59		1011.6	1019.2	- .4	-2.3	5.7	- .8	10	58	-2	3	48	141
10361 MAGDEBURG	5208N	01136E	85		1009.4	1020.2	-1.8		5.1		9	62		5	48	115
10379 POTSDAM	5223N	01304E	100		1008.5	1021.3	-2.2	-2.9	4.9	-1.1	4	21	-34	1	65	167
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1014.8	1021.1	-2.0		4.8		4	13			63	175
<b>10393 LINDENBERG</b>	5213N	01407E	104		1008.3	1021.6	-2.5	-2.9	4.6	-1.3	3	15	-35	1	65	176
10453 BROCKEN	5148N	01037E	1153		881.3	1437 Y	-2.9		4.5		19	125			73	135
10469 LEIPZIG-SCHKEUDITZ	5125N	01214E	149		1002.7	1019.8	-1.3		5.4		6	53		4	48	125
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		991.3	1020.5	-1.8		5.0		5	48			60	130
10499 GOERLITZ	5110N	01457E	240		990.9	1021.0	-3.0	-3.2	4.5	-1.1	4	38	-19	2	59	131
10548 MEININGEN	5034N	01023E	453		962.9	1018.8	- .6		5.8		10	71		4	39	125
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		978.8	1019.0	-1.2		5.6		9	78			38	90
10578 FICHTELBERG	5026N	01257E	1215		875.8	1449 Y	-3.9	.0	4.5	.2	12	92	-10	3	71	125
10609 TRIER-PETRISBERG	4945N	00640E	273		982.7	1016.2	3.8	2.0	7.8	1.4	13	70	-2	3	32	80
10628 GEISENHEIM	4959N	00757E	123		1002.1	1017.4	3.7	1.4	7.0	.8	10	64	18	4	45	118
10727 KARLSRUHE	4902N	00822E	145		999.7	1017.2	4.5	2.3	8.0	1.7	12	59	-8	3	46	98
10738 STUTTGART- ECHTERDINGEN	4841N	00914E	391		969.8	1017.6	2.6		6.8		11	45		3	42	70
10763 NUERNBERG	4930N	01103E	318		979.6	1018.9	1.5	.9	6.3	.6	13	51	-1	3	41	95
10870 MUENCHEN, FLUGHAFEN	4822N	01148E	447		964.5	1019.2	1.4	2.3	6.5	1.4	14	85	36	5	41	93
10929 KONSTANZ	4741N	00911E	447		963.5	1017.6	3.9	2.9	7.7	1.9	9	43	-14	2	17	46
10946 KEMPTEN	4743N	01020E	705		933.2	1017.6	2.0		6.9		11	73			31	40
10961 ZUGSPITZE	4725N	01059E	2962		702.7	2994 Z	-8.0	1.7	2.8	.6	15	175	-9	4	112	97
<b>10962 HOHENPEIßENBERG</b>	4748N	01101E	986		901.4	1454 Y	1.2	1.7	5.8	1.1	11	61	-5	3	39	46
<b>AUSTRIA</b>																
11028 ST. POELTEN	4811N	01537E	284		985.3	1020.9	- .8		5.4	.0	12	56	13	5	35	71
11035 WIEN/HOHE WART	4814N	01621E	209		994.8	1021.1	- .4		5.2	-.3	13	66	23	5	30	58
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	593		947.1	1018.9	1.8		6.5		8	45		3	54	75
<b>11146 SONNBLICK</b>	4703N	01257E	3111		691.5	3016 Z	-8.8		2.4	.3	19	126	-136	4	89	82
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		964.1	1019.3	1.5		6.1	1.0	12	101	30	5	49	78
11155 FEUERKOGEL	4749N	01344E	1621		832.6	1455 Y	-1.1		4.7		16	182		2	85	85
11212 VILLACHERALPE	4636N	01340E	2160		780.0	1477 Y	-4.2		3.8		14	76		3	87	75
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		962.9	1021.4	.4		5.6	1.0	6	37	-11	2	26	49
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		975.9	1020.9	.3		6.1	1.0	8	112	79	5	26	44
<b>CZECH REPUBLIC</b>																
11423 PRIMDA	4940N	01240E	748		929.1		-3.1		5.1		12	73		4	12	35
<b>11464 MILESOVKA</b>	5033N	01356E	836		918.7		-5.3		4.3		9	53		4	35	70
11487 KOCELOVICE	4928N	01350E	522		956.1	1020.5	-1.9		5.3		9	51		4	28	60
11518 PRAHA/RUZYNE	5006N	01415E	380		975.5	1021.1	-2.1	-1.9	5.0	-.3	8	44	19	5	46	100
11520 PRAHA-LIBUS	5000N	01427E	303		983.1	1021.2	-1.6		5.1		9	41		5	43	95
11603 LIBEREC	5046N	01501E	399		971.2	1021.5	-3.2		4.5		7	50			42	
11659 PRIBYSLAV	4935N	01546E	536		955.4	1022.0	-3.3		4.6		7	39		3	40	105
11723 BRNO/TURANY	4910N	01642E	246		991.1	1022.3	-3.1	-2.5	4.6	-.6	11	46	19	5	40	103



# 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	
11782 OSTRAVA/MOSNOV	4941N	01807E	260		990.2	1023.3	-4.4	-4.0	4.3	-1.0	7	31	-3	3	26	68
<b>SLOVAKIA</b>																
11903 SLIAC	4839N	01909E	315		983.0	1022.9	-3.5	-1.6	4.5	-.4	11	66	10	4	66	169
11934 POPRAD/TATRY	4904N	02015E	695		937.4		-6.4	-3.1	3.4	-.8	8	33	5	4	68	100
<b>POLAND</b>																
12120 LEBA	5445N	01732E	2		1022.8	1023.6	-2.8		4.3		6	26		1	38	
12160 ELBLAG	5410N	01926E	43		1018.7	1024.3	-5.3		3.7		7	19		1	40	140
12205 SZCZECIN	5324N	01437E	3		1021.7	1022.6	-2.9	-3.7	4.6	-1.4	3	9	-32	1	47	180
12295 BIALYSTOK	5306N	02310E	151		1005.8	1025.6	-8.0	-5.9	3.1	-1.9	5	12	-28	1	52	225
12330 POZNAN	5225N	01650E	92		1011.7	1023.1	-3.7	-3.6	4.5	-1.1	5	9	-29	1	47	147
12375 WARSZAWA-OKECIE	5210N	02058E	107		1010.9	1024.8	-6.6	-5.7	3.6	-1.8	1	3	-29	0	58	290
12424 WROCLAW II	5106N	01653E	121		1006.8	1022.8	-3.3	-3.5	4.5	-1.2	4	16	-18	1	49	126
12497 WLODAWA	5133N	02332E	179		1002.3	1025.7	-7.9		3.2		5	9		1	64	190
12566 KRAKOW	5005N	01948E	237		993.4	1024.0	-5.3	-4.3	4.0	-1.2	6	20	-21	1	44	138
<b>HUNGARY</b>																
12843 BUDAPEST/LORINC	4726N	01911E	139		1004.6	1022.1	-1.1	-1.5	5.1	-.5	13	38	-2	3	44	94
12882 DEBRECEN	4729N	02136E	109		1008.2	1021.9	-1.8	-1.6	4.8	-.8	8	24	-20	1	60	133
12942 PECS/POGANY	4606N	01814E	203		995.7	1021.1	.2	-.4	5.8	.2	7	31	-13	3	21	36
12982 SZEGED	4615N	02006E	83		1011.2	1021.7	-.2	-.8	5.9	.1	9	37	-3	3	43	84
<b>SLOVENIA</b>																
14008 KREDARICA	4623N	01351E	2515		745.0	3001 Z	-5.5		3.3		13	111		3	74	65
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	298		983.6	1020.3	2.6		6.5		13	51		1	16	40
<b>CROATIA</b>																
14236 ZAGREB/GRIC	4549N	01559E	162		999.9	1020.1	2.6		6.1		11	71		4	22	45
14445 SPLIT/MARJAN	4331N	01626E	128		1000.1	1015.6	9.8		8.1		14	99		3	55	45
<b>BOSNIA AND HERZGOVINA</b>																
14654 SARAJEVO/BEJELAVE	4352N	01826E	638		942.7	1019.4	2.4	2.1	6.2	.9	18	71	-13	3	41	102
<b>YUGOSLAVIA</b>																
13274 BEOGRAD	4448N	02028E	132		1004.4	1021.0	1.3	-1.0	5.5	-.4	10	53	-4	3	36	57
13463 PODGORICA-GRAD	4226N	01917E	50		1011.4	1017.2	8.0		8.4		14	215		3	58	50
<b>ROMANIA</b>																
15085 BISTRITA	4708N	02430E	367		976.9	1023.2	-3.5	-1.7	4.2	-.8	8	50	0	3	82	171
15090 IASI	4710N	02738E	104		1012.5	1026.0	-6.6	-6.0	3.2	-2.2	1	4	-27	1	67	118
15120 CLUJ-NAPOCA	4647N	02334E	413		971.7	1023.2	-2.9	-1.4	4.3	-.7	8	28	-4	3	57	106
15247 TIMISOARA	4546N	02115E	88		1010.1	1021.3	.3	-.5	5.6	-.3	14	67	17	4	51	91
15260 SIBIU	4548N	02409E	444		967.0	1022.9	-3.4	-2.3	4.4	-.8	4	16	-14	2	58	104
15360 SULINA	4509N	02940E	9		1022.6	1023.4	-.8	-3.8	5.3	-1.6	2	5	-21	1	97	162
15420 BUCURESTI/IMH	4430N	02608E	91		1010.3	1021.9	-5.2	-5.4	3.9	-1.8	13	70	27	5	52	84
15480 CONSTANTA	4413N	02838E	14		1022.9	1024.5	-.8	-4.0	5.7	-1.2	5	45	7	4	94	118
<b>BULGARIA</b>																

## 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			
15552 VARNA	4312N	02755E	43		1017.1	1022.5	1.8	-2.7	6.0	-1.0	5	37	-5	2	82	114
15614 SOFIA (OBSERV.)	4239N	02323E	595		949.6	1022.2	-3	-9	5.5	.2	10	31	-13	2	30	47
<b>ITALY</b>																
16045 UDINE/RIVOLTO	4559N	01302E	53		1011.3	1017.9	6.6		7.9		10	57	-46	2	36	45
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1009.6	1018.0	7.3		8.0		10	58	8	4	32	30
16158 PISA/S. GIUSTO	4341N	01023E	6		1014.9	1015.7	9.3		10.1		14	143	58	5	60	65
16325 MARINA DI GINOSA	4026N	01653E	12		1012.2	1013.6	11.0		12.3		13	239	181	5		
16420 MESSINA	3812N	01533E	51		1007.8	1014.3	13.4		13.2		14	154	37	4	95	86
16429 TRAPANI/BIRGI	3755N	01230E	14		1014.0	1015.1	13.1		12.6		12	108	43	5	119	94
<b>MALTA</b>																
16597 LUQA	3551N	01429E	91		1007.3	1016.1	14.2	.4	12.7	.3	9	107	-5	3	155	95
<b>GREECE</b>																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1019.3	1019.9	7.4	.7	6.2	-1.7	14	122	70	5	60	59
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1014.4	1014.6	12.2	1.1	8.4	-1.9	18	408	228	5	63	57
16648 LARISSA (AIRPORT)	3938N	02225E	74		1009.4	1018.5	6.9	.6	6.8	-1.2	14	146	94	5	45	45
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1015.7	1017.5	10.9	-1.1	9.8	-.3	12	163	97	6	78	62
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1014.7	1016.0	11.0	-.6	10.7	.3	19	290	137	5	73	56
16746 SOUDA (AIRPORT)	3529N	02407E	151		998.3	1016.5	12.4	-.2	8.2	-2.5	13	99	6	3	68	56
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1011.8	1016.3	13.4	-.4	10.6	-.2	13	108	31	4	87	72
<b>TURKEY</b>																
17022 ZONGULDAK	4127N	03148E	137		1004.4	1021.3	5.9	-2.6	6.7	-.5	10	99	-60	1	80	105
17030 SAMSUN	4117N	03618E	4		1021.5	1022.0	6.6	-2.6	5.8	-2.0	7	71	-11	3	116	155
17034 GIRE SUN	4055N	03823E	37		1016.5	1021.2	7.2	-2.3	6.0	-2.0	11	148	17	4		
17040 RIZE	4102N	04031E	9		1018.8	1019.9	5.9	-2.4	7.3	-.8	15	354	112	5	58	85
17050 EDIRNE	4140N	02634E	51		1015.4	1021.8	3.0	-1.6	6.3	-1.0	12	52	-18	3	73	100
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1017.3	1021.4	6.2	-1.9	7.7	-.8	10	58	-63	1	56	75
17074 KASTAMONU	4122N	03347E	800		926.1	1023.8	-3.2	-4.4	3.8	-1.7	5	18	-19	1	61	95
17084 CORUM	4033N	03457E	776		929.2	1023.6	-1.8	-3.8	3.9	-1.8	3	10	-40	0	83	115
17090 SIVAS	3945N	03701E	1285		872.5	1024.7	-4.3	-4.1	3.8	-.9	7	35	-12	2	53	70
17092 ERZINCAN	3945N	03930E	1218		880.2	1025.5	-5.2	-5.2	3.7	-1.1	8	27	-4	3	80	95
17096 ERZURUM	3957N	04110E	1758		822.0	1029.6	-12.0	-7.6	2.3	-1.2	7	20	-1	3	88	95
17098 KARS	4037N	04306E	1775		820.8	1028.9	-10.6	-5.0	2.5	-.8	8	41	21	6	84	90
17112 CANAKKALE	4008N	02624E	6		1019.9	1020.6	6.8	-1.7	8.6	-.7	8	78	-39	2	73	70
17116 BURSA	4011N	02904E	100		1009.8	1022.3	5.0	-2.6	6.0	-1.7	8	26	-92	1	79	75
17130 ANKARA/CENTRAL	3957N	03253E	891		916.0	1022.8	-.8	-3.4	4.6	-1.2	6	16	-33	1	76	95
17170 VAN	3827N	04319E	1662		820.2	1020.5	-2.6	-1.7	3.9	-.2	13	73	40	5	90	65
17188 USAK	3841N	02924E	919		911.1	1019.6	2.4	-1.7	5.7	-.9	11	64	-22	2		
17190 AFYON	3845N	03032E	1034		900.3	1023.5	-1.4	-3.8	4.2	-1.7	6	49	3	3	49	50
17199 MALATYA/BOLGE	3821N	03819E	948		910.9	1024.9	-1.9		4.4		7	52	4	4	124	120
17210 SIIRT	3755N	04157E	896		917.1	1024.1	.8	-3.9	5.3	-.6	14	143	47	5	82	70
17220 IZMIR/GUZELYALT	3826N	02710E	29		1014.0	1017.6	8.8	-1.7	8.6	-.9	11	148	-5	3	104	80
17240 ISPARTA	3745N	03033E	997		903.2	1021.1	.9	-2.5	5.6	-.5	13	99	9	4	63	60
17244 KONYA	3758N	03233E	1031		899.8	1023.4	-3.1	-5.1	4.0	-1.6	9	48	4	3	86	85
17250 NIGDE	3758N	03441E	1210		880.7	1024.0	-2.9	-4.6	4.2	-.9	6	50	10	4	103	90
17255 KAHRAMANMARAS	3736N	03656E	572		952.4	1021.4	4.2	-2.3	5.9	-1.0	9	76	-56	2	101	90

# SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	hr		
17270 SANLIURFA	3708N	03846E	549		954.1	1019.8	5.0	-2.2	6.6	- .8	6	59	-28	2	120	90
17280 DIYARBAKIR	3753N	04012E	677		940.5	1022.4	.0	-4.3	4.7	-1.9	10	74	-1	3	123	100
17285 HAKKARI	3734N	04346E	1728		827.6	1024.7	-3.0	-1.6	4.0	.0	6	140	47	5	98	80
17292 MUGLA	3713N	02822E	646		941.2	1017.9	6.0	-1.0	8.1	.0	18	401	120	5	80	65
17300 ANTALYA	3642N	03044E	54		1009.1	1016.8	10.0	-1.4	8.3	-1.1	17	584	362	5	110	70
17340 MERSIN	3648N	03438E	3		1017.6	1018.0	10.6	- .6	8.1	-1.6	7	70	-65	1	124	75
17351 ADANA/BOLGE	3659N	03521E	27		1015.6	1019.0	8.8		7.2		8	78		2	129	90
<b>CYPRUS</b>																
17609 LARNACA AIRPORT	3453N	03338E	2		1016.9	1017.3	13.3	- .1	10.6		11	128	48		127	68
<b>RUSSIAN FEDERATION (EUROPE)</b>																
22113 MURMANSK	6858N	03303E	51		1013.2	1020.0	-11.4	-2.3	2.5	- .5	7	21	-15	3	0	
22165 KANIN NOS	6839N	04318E	49		1008.0	1014.3	-5.8	.6	3.6	.0	20	57	16	4		
22550 ARHANGEL'SK	6430N	04044E	8		1018.2	1019.3	-13.4	-2.9	2.2	- .7	7	29	-14	1	0	
22837 VYTEGRA	6101N	03627E	56		1015.5	1023.0	-13.9	-5.9	2.1	-1.2	8	33	-21	1	21	131
<b>ESTONIA</b>																
26038 TALLINN	5923N	02435E	34		1020.2	1025.1	-6.9	-4.0	3.3	-1.3	4	15	-40	0	33	183
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26063 ST. PETERBURG	5958N	03018E	6		1023.5	1024.3	-9.7	-5.1	2.8	-1.3	9	31	-19	2	11	85
<b>ESTONIA</b>																
26214 VILSANDI	5823N	02149E	6		1023.7	1024.8	-3.9	-4.2	3.9	-1.5	7	21	-37	1	33	132
26242 TARTU	5818N	02644E	68		1016.6	1025.9	-9.3	-5.0	2.7	-1.6	8	35	-5	2	49	204
<b>LATVIA</b>																
26314 VENTSPILS	5724N	02132E	3		1024.6	1025.0	-4.3		3.9		7	39			47	205
26346 ALUKSNE	5726N	02702E	193		1000.4	1025.8	-10.2		2.6		6	30			49	185
<b>RUSSIAN FEDERATION (EUROPE)</b>																
26477 VELIKIE LUKI	5621N	03037E	106		1011.2	1024.9	-10.7	-5.7	2.2	-1.8	6	28	-16		57	238
<b>LITHUANIA</b>																
26509 KLAJPEDA	5544N	02104E	7		1023.7	1024.7	-5.0	-4.9	3.6	-1.9	10	53	-15	2	53	196
26524 SIAULIAI	5556N	02319E	107		1011.3	1025.4	-8.1	-5.5	2.9	-1.9	8	27	-17	2	51	176
<b>LATVIA</b>																
26544 DAUGAVPILS	5552N	02637E	122		1009.7	1026.1	-9.2	-5.4	2.6	-1.8	6	23	-23		72	327
<b>LITHUANIA</b>																
26629 KAUNAS	5453N	02350E	77		1015.6	1025.7	-8.1	-5.8	3.0	-1.8	5	22	-25		61	203
26730 VILNIUS	5438N	02506E	156		1005.9	1026.4	-8.8	-5.9	2.8	-1.8	5	19	-36		70	280
<b>BELARUS</b>																
26850 MINSK	5356N	02738E	231		997.3	1026.2	-9.1	-5.3	2.7	-1.7	4	14	-39	0	61	226
<b>RUSSIAN FEDERATION (EUROPE)</b>																

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	hr		
27037 VOLOGDA	5919N	03955E	130		1005.3	1022.9	-16.3	-7.4	1.7	-1.5	9	29	-13	1	40	200
27199 KIROV	5836N	04938E	158		1000.7	1022.3	-18.8		1.4		8	40		2	41	255
<b>27595 KAZAN'</b>	5536N	04917E	116		1008.0	1024.2	-17.8	-8.8			6	31	-6	2	41	124
<b>27612 MOSKVA</b>	5550N	03737E	156		1004.8	1024.1	-12.6	-6.5	2.0	-1.7	6	37	-18			
<b>UKRAINE</b>																
33345 KYIV	5024N	03034E	167		1005.2	1027.1	-8.4	-6.1	2.7	-2.1	4	11	-41	1		
33393 L'VIV	4949N	02357E	323		983.8	1025.2	-7.0	-4.9	3.3	-1.5	7	34	-23	1	63	170
33506 POLTAVA	4936N	03433E	160		1005.4	1026.4	-9.5	-6.4	2.5	-2.2	3	8	-43	1		
33562 VINNYTSIA	4914N	02836E	298		988.2	1026.8	-9.2	-6.7	2.7	-2.0	4	11	-32	1	77	188
<b>33587 UMAN'</b>	4846N	03014E	216		998.9	1027.0	-8.4	-6.0	2.7	-2.1	2	7	-41	1		
33631 UZHGOROD	4838N	02216E	124		1008.2	1023.2	-2.2	-1.8	4.5	-0.7	9	56	-13	2	67	146
33658 CHERNIVTSI	4822N	02554E	246		994.3	1026.1	-7.3	-5.4	3.2	-1.5	8	11	-26	1	49	92
33837 ODESA	4626N	03046E	42		1019.9	1025.3	-4.4	-5.8	3.7	-2.2	1	3	-45	1	89	156
33846 MIKOLAIV	4702N	03157E	50		1019.1	1025.6	-6.7	-6.7	3.2	-2.5	1	4	-38	1		
33889 IZMAIL	4522N	02851E	30		1020.8	1024.7	-4.6	-5.6	3.8	-2.0	4	15	-26	1	102	135
33910 HENICHES'K	4610N	03449E	15		1022.3	1024.3	-4.8	-6.0	3.9	-2.3	1	4	-33	1	58	126
<b>33915 ASKANIIA-NOVA</b>	4627N	03353E	30		1021.1	1025.0	-5.9	-6.2	3.6	-2.3	2	3	-34	1	114	228
33946 SIMFEROPOL'	4441N	03408E	181		1000.2	1023.3	-3.6	-6.0	4.3	-2.2	2	9	-45	1	102	136
33983 KERCH	4524N	03625E	49		1017.2	1023.6	-3.4	-6.3	4.2	-2.6	2	3	-48	1	81	145
33990 YALTA	4529N	03410E	72		1013.1	1022.1	2.6	-3.7	5.8	-1.4	6	55	-40	2	82	122
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34123 VORONEZ	5142N	03913E	149		1006.6	1026.3	-11.7		2.1		3	19		2		
34172 SARATOV	5134N	04602E	156		999.0	1026.0	-17.2	-10.2	1.6	-1.9	6	27	-12	2	89	178
<b>UKRAINE</b>																
34300 KHARKIV	4958N	03608E	155		1006.1	1026.5	-9.6	-6.2	2.6	-2.0	3	8	-37	1	71	229
<b>KAZAKHSTAN</b>																
34398 ZHALPAKTAL	4940N	04929E	10		1017.1	1025.7	-16.8	-10.0	1.6	-1.9	5	16	-7			
<b>UKRAINE</b>																
34519 DONETS'K	4804N	03746E	225		996.4	1025.8	-8.8	-6.2	2.9		2	21	-31	0		
<b>RUSSIAN FEDERATION (EUROPE)</b>																
34731 ROSTOV-NA-DONU	4716N	03949E	75		1014.1	1025.8	-7.9	-6.9	3.0	-2.4	6	35	-41		69	182
34880 ASTRAHAN'	4617N	04803E	-23		1029.5	1026.8	-9.7	-7.9	2.5	-2.3	2	8	-7	1		
<b>ARMENIA</b>																
37789 YEREVAN	4008N	04428E	907		892.6	1494 Y	-4.2		3.7		9	42		5	82	95
<b>UZBEKISTAN</b>																
38178 AK-BAJTAL	4309N	06420E	234		998.4	1029.2	-9.4	-6.6	3.7	-0.6	5	11	-6	3	109	102
<b>SYRIAN ARAB REPUBLIC</b>																
40001 KAMISHLI	3703N	04113E	455		963.3	1017.8	6.2	-1.8	7.3	-0.3	10	101	33			
40007 ALEPPO INT. AIRPORT	3611N	03712E	384		971.7	1018.4	5.4	-1.9	6.8	-1.4	7	69	11			
40022 LATTAKIA	3532N	03546E	7		1015.4	1016.3	11.2	-2.1	8.6	-1.2	11	167	-18		133	88

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr			
40030 HAMA	3507N	03645E	303		982.3	1019.8	6.7	-1.2	7.8	-1.0	14	95	29			
40045 DEIR EZZOR	3519N	04009E	212		995.2	1021.1	6.7	-1.4			12	35	11			
40061 PALMYRA	3433N	03818E	404		970.5	1019.1	6.9	-1.3	8.0	.3	5	23	2			
<b>LEBANON</b>																
40100 BEYROUTH (AEROPORT)	3349N	03529E	19		1013.9	1016.9	15.7	.6	11.4		18	25	-138	4	85	
40103 TRIPOLI	3427N	03548E	5		1016.7	1017.4	13.1		12.4		18	280		6		
<b>ISRAEL</b>																
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1012.0	1016.8	15.4		12.9		13	223		5		
40199 EILAT	2933N	03457E	12		1017.4	1017.7	17.5	1.3	10.0		01	1	-5	3	208	90
<b>JORDAN</b>																
40310 MA'AN	3010N	03547E	1070		895.9	1502 Y	9.7	.7	8.4	1.7	2	4	-3	3	218	98
<b>ASIA</b>																
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
20069 OSTROV VIZE	7930N	07659E	10		1015.6	1017.0	-26.8	-2.9	.9	-.1	3	15	0	3		
20674 OSTROV DIKSON	7330N	08024E	47		1011.2	1017.7	-26.1	-3.2			3	13	-18	3	0	
20891 HATANGA	7159N	10228E	33		43.2	1022.0	-31.8	-2.1	.4	-.2	4	14	-6	2		
21432 OSTROV KOTEL'NYJ	7600N	13552E	9		1017.3	1018.4	-25.4	2.2	.7	.1	1	3	-5			
21946 CHOKURDAH	7037N	14753E	61		1012.6	1021.3	-30.8	2.1	.5	.1	8	49	37			
23205 NAR'JAN-MAR	6738N	05302E	12		1012.5	1014.1	-16.5	-2.2	1.9	-.3	14	34	4	4		
23330 SALEHARD	6632N	06640E	16		1014.2	1016.6	-24.1	-3.4	.9	-.4	10	21	-3		0	
23472 TURUHANSK	6547N	08756E	38		1019.3	1024.7	-27.7	-4.0	.7	-.4	8	24	-18	2	1	
23552 TARKO-SALE	6455N	07749E	27		1015.6	1019.4	-27.2	-5.3	.8	-.5	10	28	-2	0		
23804 SYKTYVKAR	6143N	05050E	119		1003.5	1019.5	-17.9	-5.7	1.6	-.9	10	31	-7	2	11	122
23884 BOR	6136N	09001E	58		1019.9	1028.0	-26.0	-4.1	.7	-.6	9	27	-20	1	8	73
23933 HANTY-MANSIJSK	6101N	06902E	46		1013.7	1020.2	-22.4	-5.7	1.0	-.8	9	32	1			
24125 OLENEK	6830N	11226E	220		993.5	1026.5	-36.7	-3.4	.3	-.3	5	15	1			
24266 VERHOJANSK	6733N	13323E	137		1007.8	1028.8	-45.6	-2.0	.1	-.1	6	9	-1			
24507 TURA	6416N	10014E	168		1006.4	1034.1	-38.3	-6.2	.2	-.3	14	8	-13	1	0	
24641 VILJUJSK	6346N	12137E	111		1013.4	1030.0	-38.9	-3.9	.2	-.2	1	4	-11		0	
24688 OJMJAKON	6315N	14309E	741		926.4	1034.3	-45.3	.3	.1	.0	1	6	-4		15	
24738 SUNTAR	6209N	11739E	133		1010.9	1031.8	-36.9	-5.7	.3	-.3		5	-12		15	
24817 ERBOGACEN	6116N	10801E	291		992.6	1035.0	-36.4	-7.4	.4	-.3	1	4	-14		23	128
24959 JAKUTSK	6201N	12943E	101		1014.6	1029.8	-40.4	-1.6	.1	-.1		4	-8		11	
25173 MYS SHMIDTA	6854N	17922W	4		1012.4	1012.9	-21.8	1.7	1.0	.0	11	25	3			
25400 ZYRJANKA	6544N	15054E	43		1015.7	1021.9	-31.9	3.4	.5	.2	9	24	7		0	
25563 ANADYR'	6447N	17734E	61		996.7	1004.8	-16.6	3.4	1.7	.2	13	97	57		11	
25703 SEJMCCHAN	6255N	15225E	205		990.7	1020.5	-31.0	5.8	.5	.2	12	30	5	4	0	
25744 KAMENSKOE	6226N	16605E	10			1001.8	-16.7	6.1								
25954 KORF	6021N	16600E	4		995.6	996.1	-12.0	1.6	2.0	.0	1	6	-24	1	26	79
28224 PERM'	5801N	05618E	171		999.9	1023.2	-19.4		.2		11	32	2	30	35	
28275 TOBOL'SK	5809N	06815E	50		1015.3	1021.9	-20.5	-5.3	1.1	-.8	10	30	7	5	45	107
28440 EKATERINBURG	5650N	06038E	283		985.5	1023.2	-18.6	-7.3	1.2	-1.1	5	25	2	4		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>KAZAKHSTAN</b>																
28679 PETROPAVLOVSK	5450N	06909E	142		1006.9	1026.5	-21.3	-7.4	1.0	-1.1	5	19	-1	4	50	81
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
28698 OMSK	5501N	07323E	122		1009.9	1026.8	-20.8	-6.4	1.0	-1.0	6	21	0		86	141
<b>KAZAKHSTAN</b>																
28879 KOKSHETAY	5317N	06923E	229		996.4	1027.5	-18.2	-6.4	1.3	-.9	4	12	1	3	79	105
28952 KUSTANAI	5313N	06337E	156		1005.8	1026.6	-19.7	-7.0	1.0	-1.3	4	22	2		115	147
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29231 KOLPASEVO	5819N	08257E	75		1016.3	1026.9	-23.0	-5.5	1.0	-.7	10	22	-8		42	108
29263 ENISEJSK	5827N	09209E	79		1020.5	1031.9	-23.7	-4.8	.8	-.7	8	20	-15	1	48	218
29282 BOGUCANY	5823N	09727E	133		1015.1	1034.2	-28.3	-6.9	.6	-.6	5	15	-4	3	24	171
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		994.7	1032.2	-21.8		1.3		4	21		3		
<b>KAZAKHSTAN</b>																
29807 IRTYSHSK	5321N	07527E	94		1015.7	1028.4	-19.2	-5.0	1.1	-1.0	6	24	9			
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
29838 BARNAUL	5326N	08331E	184		1006.9	1032.1	-18.5	-4.6	1.4	-.7	9	30	4		55	86
29866 MINUSINSK	5342N	09142E	254		999.3	1034.4	-22.0	-6.1	1.0	-.7	6	18	7	5	55	162
30230 KIRENSK	5746N	10804E	259		997.0	1037.7	-32.4	-7.9	.5	-.5	2	14	-13		53	183
30309 BRATSK	5617N	10145E	416		978.3	1035.0	-21.8	-4.2	1.0	-.6	3	12	-8		64	149
30469 KALAKAN	5507N	11646E	613		954.2	1041.5	-35.7	-2.9	.3	-.1		1	-4	1		
30554 BAGDARIN	5428N	11335E	903		916.0	1039.1	-31.2	-4.9	1.8	1.1	3	4	2	4		
30635 UST' -BARGUZIN	5325N	10901E	461		972.8	1034.7	-19.3	-3.7	1.2	-.4	10	30	-10	2		
30673 MOGOCA	5345N	11944E	625		948.2	1034.8	-30.5	-2.9	.5	-.1	3	8	3	4	131	128
30710 IRKUTSK	5216N	10419E	469		972.5	1035.5	-19.1	-3.1	1.3	-.4		3	-16		95	153
30758 CHITA	5205N	11329E	671		946.1	1037.4	-26.1	-3.3	.6	-.3	0	T	-4	1	151	140
31004 ALDAN	5837N	12522E	79		939.5	1032.2	-28.4	-3.2	.6	-.2	9	29	-2		39	95
31088 OHOTSK	5922N	14312E	6		1007.5	1008.3	-20.6	-.6	.8	-.2	2	3	-14	1	85	157
31168 AJAN	5627N	13809E	8		1013.3	1014.5	-20.2	-3.7	.5	-.5	0	T	-35		75	107
31253 BOMNAK	5443N	12856E	357		975.8	1026.9	-29.9	.1	.4	-.1	1	5	-5	2	155	182
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		1006.2	1015.5	-22.0	-1.7	.8	-.4	6	32	-13			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1009.8	1019.9	-30.0	-5.0	.5	-.3	2	4	-11		149	128
31510 BLAGOVESCHENSK	5015N	12734E	132		1008.0	1026.1	-20.4	.4			2	7	-2			
31735 HABAROVSK	4831N	13510E	76		1009.8	1022.1	-19.9	-2.0	.9	-.3	1	3	-15		186	128
31960 VLADIVOSTOK	4307N	13154E	183		1001.3	1026.0	-10.2	-.7	2.1	-.1	1	5	-14		166	106
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1011.6	1014.7	-12.2	-3.5	2.1	-.8	4	20	-43	1	135	132
32583 PETROPAVLOVSK- KAMCATSKIJ	5259N	15839E	24		990.3	993.3	-6.0		2.6		3	29		1		
32618 NIKOL'SKOE	5512N	16559E	18		987.2	989.4	-3.2	-1.2	4.1	-.3	15	50	-19	1	36	109
<b>KAZAKHSTAN</b>																
35078 ATBASAR	5149N	06822E	304		988.4	1029.7	-20.4	-6.6	1.1	-1.0	4	16	-4	4	91	108
35108 URALSK	5115N	05117E	37		1021.6	1026.6	-18.6	-10.2	1.3	-1.8	4	22	-6	0		
<b>RUSSIAN FEDERATION (IN ASIA)</b>																
35121 ORENBURG	5141N	05506E	117		1011.3	1027.4	-19.5	-9.9	1.2	-1.6	6	19	-12	2	82	132

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
<b>KAZAKHSTAN</b>																
35188 AKMOLA	5108N	07122E	350		984.1	1031.0	-17.8	-5.2	1.4	-0.9	9	28	11	5	109	116
35229 AKTJUBINSK	5017N	05709E	219		998.3	1028.1	-19.0	-9.0	1.4	-1.4	6	23	-2	5	65	97
<b>35394 KARAGANDA</b>	4948N	07309E	553		959.6	1032.3	-16.3	-5.2	1.5	-0.9	9	38	16		104	105
35406 TAIPAK	4903N	05152E	2		1024.8	1025.0	-16.5	-9.7	1.4	-2.1	5	10	-12	0	145	204
<b>35416 UIL</b>	4904N	05441E	128				-17.2	-9.8	1.4	-1.8	2	15	-7	4		
35746 ARALSKOE MORE	4647N	06139E	62		1020.0	1028.7	-14.7	-7.6	1.8	-1.5	5	12	1	2	145	137
<b>35796 BALHASH</b>	4648N	07505E	350		987.0	1033.4	-13.1	-3.2	1.9	-0.7	6	15	2	4	132	101
<b>35849 KAZALINSK</b>	4546N	06207E	68		1019.6	1028.8	-13.0	-7.4	2.3	-1.3	3	12	0	3		
<b>35925 SAM</b>	4524N	05607E	88		1016.4	1028.3	-13.1	-9.3	1.9	-2.4	5	18	6			
35953 DZHUSALY	4530N	06405E	103		1015.1	1028.9	-12.9		1.9		3	10		3		
<b>36177 SEMIPALATINSK</b>	5025N	08018E	196		1006.8	1033.2	-15.4	-2.9	1.4	-0.8	5	19	-1	3	114	121
36208 LENINOGORSK	5020N	08333E	811		930.0	1033.4	-12.9	-2.4	1.6	-0.5	8	37	15	4		
<b>36535 KOKPEKTY</b>	4845N	08222E	512				-17.6	-0.7	1.5	-1.1	9	46	13		70	69
<b>36859 ZHARKENT</b>	4410N	08004E	645		950.8	1031.6	-5.9	-1.5			4	14	2		108	74
<b>36870 ALMATY</b>	4314N	07656E	851		925.5	1030.1	-5.4	-1.6	3.5	-0.4	11	58	25	5	75	74
38062 KYZYLORDA	4451N	06530E	130		1011.3	1028.3	-11.3	-6.5	2.9	-1.0	3	13	-6	3		
38198 TURKESTAN	4316N	06813E	207		1002.1	1029.2	-6.7	-5.3	2.9	-1.8	8	44	14			
<b>UZBEKISTAN</b>																
<b>38262 CHIMBAJ</b>	4257N	05949E	66		1018.9	1027.5	-8.1	-5.8	2.7	-1.6	2	3	-14	1	94	90
38396 URGENCH	4134N	06034E	101		1015.6	1028.8	-5.9		3.1		1	3		1		
38403 BUZAUBAJ	4145N	06228E	98		1015.4	1028.3	-7.6		1.9		3	12		4		
<b>38413 TAMDY</b>	4144N	06437E	237		998.2	1029.6	-5.5	-5.7	3.2	-1.4	3	18	3	5	100	93
<b>38457 TASHKENT</b>	4116N	06916E	488		966.6	1027.2	-0.9	-4.1	4.5	-0.9	14	98	45	5	89	85
<b>TURKMENISTAN</b>																
<b>38507 TURKMENBASHI</b>	4003N	05300E	-13			1024.9	-1.0	-5.7	3.8	-2.8	9	17	3		127	102
38545 DARGANATA	4028N	06217E	142		1008.5	1026.9	-4.1		3.2		2	10				
<b>UZBEKISTAN</b>																
38611 NAMANGAN	4059N	07135E	474		967.1	1029.2	-1.6		4.9		12	92		6	71	65
38618 FERGANA	4022N	07145E	577		955.8	1026.9	-0.5	-1.8	5.1	-0.4	10	50	37	6	71	75
38683 BUHARA	3943N	06437E	226		998.3	1027.4	-1.4		4.3		4	35		5		
<b>TURKMENISTAN</b>																
38687 CHARDZHEV	3905N	06336E	190		1003.1	1027.6	.2	-3.1	4.6	-1.2	5	31	14			
<b>UZBEKISTAN</b>																
38696 SAMARKAND	3934N	06657E	724		937.8	1025.8	-0.7	-4.0	3.8	-1.7	12	95	54	6	89	68
38812 KARSHI	3848N	06543E	376		979.5	1022.6	-0.6		5.2		6	61		5		
38927 TERMEZ	3714N	06716E	310		987.7	1026.4	1.7	-3.8	6.1	-0.6	9	45	29	5	117	84
<b>SAUDI ARABIA</b>																
40356 TURAIF	3141N	03844E	852		919.5	1495 Y	8.5		8.2		3	6			190	
40357 ARAR	3054N	04108E	549		954.7	1019.2	9.7		8.9		1	1				
40360 GURIAT	3124N	03716E	504		958.8	1018.1	10.5		8.3		01	1				
<b>40361 AL-JOUF</b>	2947N	04006E	689		941.2	1019.1	10.5		7.4		0	0				

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>40394 HAIL</b>	2726N	04141E	1013		904.7	1519 Y	12.1		7.9		2	2			239	
40410 KHAYBER	2540N	03918E	754		930.0	1014.8	19.1				1	3				
40416 DHAHRAN	2616N	05009E	17		1015.3	1017.3	17.9	.9	13.0	2.6	12	202	191			
40417 KING FAHAD INT. AIRPORT	2627N	04949E	12		1017.2	1018.7	17.4		12.3		6	24				
40420 AL AHSÄ	2518N	04929E	178		997.8	1018.7	16.8		11.6		3	104				
<b>40430 MADINAH</b>	2433N	03942E	636		943.5	1015.3	19.3	.3	9.6	3.0	0	0	-3	255		
<b>40438 RIYADH</b>	2443N	04644E	620		948.4	1019.4	17.0	1.6	9.5	1.5	3	5	-5	201		
40439 YENBO	2409N	03804E	10		1013.6	1014.8	22.7		17.1		0	0				
<b>IRAN, ISLAMIC REPUBLIC OF</b>																
<b>40706 TABRIZ</b>	3805N	04617E	1361		865.3	1025.3	-2.8	-3.1	3.1	-1.4	9	46	20	86	67	
40712 ORUMIEH	3732N	04505E	1312		868.9	1022.3	-1.9	-2.3	4.0	- .7	8	30	-2	81	69	
40718 ANZALI	3728N	04928E	-23			1022.9	6.3	-3.2	8.1	-2.2	17	528	301	66	72	
<b>40745 MASHHAD</b>	3616N	05938E	989		905.8	1024.3	1.5	-1.1	5.4	.1	7	20	-6	131	86	
40754 TEHRAN-MEHRABAD	3541N	05121E	1191		883.8	1020.8	4.4	- .6	5.3	.1	13	78	42			
40766 KERMANSHAH	3416N	04707E	1322		870.0	1012.1	3.8	.3	5.7	.2	8	60	-10	105	71	
40800 ESFAHAN	3238N	05143E	1550		845.3	1019.1	5.5	1.1	5.0	.4	3	14	-5	191	92	
40831 ABADAN	3022N	04815E	11		1019.0	1019.8	14.2	.4	7.7	-2.8	4	47	17	181	99	
<b>40841 KERMAN</b>	3015N	05658E	1754		826.1	1018.4	6.9	.7	2.4	-1.7	2	4	-14	222	111	
<b>40848 SHIRAZ</b>	2932N	05235E	1491		853.7	1019.3	8.6	1.8	5.3	- .5	7	32	-31	235	109	
<b>SAUDI ARABIA</b>																
41030 MAKKAH	2126N	03946E	240		986.6	1013.8	25.2		19.2		1	7				
41055 AL BAHA	2018N	04138E	1662		837.5	1521 Y	16.6		11.4		1	T		282		
41084 BISHA	1959N	04237E	1163		887.0	1528 Y	19.7		10.8		1	3		275		
41112 ABHA	1814N	04239E	2093		795.8	1529 Y	13.7		11.8		5	4		266		
41114 KHAMIS MUSHAIT	1818N	04248E	2056		799.2	1526 Y	15.1		13.0		2	2		277		
41128 NAJRAN	1737N	04425E	1210		882.7	1532 Y	19.4		9.3		0	0		271		
41136 SHARURAH	1728N	04707E	725		934.1	1014.6	22.1		10.5		1	1		285		
41140 GIZAN	1654N	04235E	7		1012.8	1013.6	27.9		26.4		3	25				
<b>BAHRAIN</b>																
<b>41150 BAHRAIN (INT. AIRPORT)</b>	2616N	05039E	2		1018.3	1018.5	19.7	.4	16.5	- .4	2	14	4	5	181	80
<b>UNITED ARAB EMIRATES</b>																
41194 DUBAI INTERNATIONAL AIRPORT	2515N	05520E	5		1017.0	1017.5	22.0	1.4	15.0	- .6	1	40	26	255	100	
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		1014.7	1017.5	21.6	1.7	16.0	.5	0	9999	0	272	108	
<b>OMAN</b>																
41256 SEEB, INTERNATIONAL AIRPORT	2335N	05817E	8		1016.0	1017.0	22.4		16.7		1	3		247		
41268 SUR	2232N	05929E	14		1016.0	1017.5	23.6		19.8		1	5		276		
<b>41288 MASIRAH</b>	2040N	05854E	19		1014.7	1016.9	24.3		19.4		1	2	5	263		
41314 THUMRAIT	1740N	05402E	467		966.9	1018.8	21.4		14.4		0	0				
<b>41316 SALALAH</b>	1702N	05405E	20		1013.7	1016.3	25.2		18.3		0	0		286		
<b>PAKISTAN</b>																
41515 DROSH	3534N	07147E	1465			1540 Y	6.7	.1	4.7		6	37	-9	0		
41530 PESHAWAR	3401N	07135E	360			1017.4	13.4	.9	10.0		6	38	15	4		
<b>41560 PARACHINAR</b>	3352N	07005E	1725		833.1	1528 Y			4.3		1	6	-27	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.
					mb	mb	°C	°C	mb	mb	mm	mm	hr			
41571 ISLAMABAD AIRPORT	3337N	07306E	508			1018.0	12.7	1.1	9.2		4	24	-13	0		
41594 SARGODHA	3203N	07240E	188			1016.2			10.7		2	37		0		
41598 JHELUM	3256N	07343E	234		988.6	1016.2	15.3	1.7	10.6		1	8	-22	2		
41600 SIALKOT	3230N	07432E	256		985.9	1016.3	13.8	1.0	11.1		1	8	-22	0		
<b>41620 ZHOB</b>	3121N	06928E	1407		860.2	1502 Y			4.5		1	3	-10	3		
41624 DERA ISMAIL KHAN	3149N	07055E	173		995.3	1017.0	14.5	.9	10.9		1	14	4	4		
<b>41640 LAHORE CITY</b>	3133N	07420E	215		990.7	1016.0	16.4	2.2	11.3		1	6	-7	3		
41675 MULTAN	3012N	07126E	123		1002.1	1016.8	15.5	1.4	11.3		1	5	-1	4		
41685 BAR KHAN	2953N	06943E	1097			1506 Y	12.3	.1	5.0		1	3	-3	0		
41710 NOKKUNDI	2849N	06245E	683		938.4	1016.4	14.1	.9	5.5		0	0	-1	3		
41715 JACOBABAD	2818N	06828E	56		1009.5	1016.4	17.6	1.2	10.4		2	4	1	5		
41718 KHANPUR	2839N	07041E	88		1005.2	1015.5	16.2	1.8	11.1		0	T	-3	4		
41739 PANJGUR	2658N	06406E	981		905.8	1509 Y	13.8	1.7	6.1		0	0	-9	3		
41749 NAWABSHAH	2615N	06822E	38		1012.1	1015.8	18.1	1.7	11.2		0	0	-2	4		
41756 JIWANI	2504N	06148E	57		1009.4	1015.7	21.0	.6	13.0		0	0	-20	2		
<b>41759 PASNI</b>	2516N	06329E	6		1015.1	1015.8	20.6		12.3		1	33	12	0		
41768 CHHOR	2531N	06947E	6		1014.4	1015.1	18.8	1.5	10.3		0	0	-1	5		
41780 KARACHI AIRPORT	2454N	06708E	22		1012.9	1015.8	21.4	1.9	10.8		2	4	0	4		
<b>INDIA</b>																
<b>42027 SRINAGAR</b>	3405N	07450E	1587		845.0	1537 Y	4.6	1.2	6.1		3	9	-45	2		
42071 AMRITSAR	3138N	07452E	234		988.9	1016.7	13.5	.6	11.2		1	15	-3	3	158	87
42147 MUKTESHWAR KUMAON	2928N	07939E	2311		778.9	3187 Z			5.2		0	0	-29	1		
<b>42165 BIKANER</b>	2800N	07318E	224			1015.3	17.9	1.8	8.1		1	8	7	5		
<b>42182 NEW DELHI/SAFDARJUNG</b>	2835N	07712E	216		989.3	1016.1	16.1	.4	12.9		2	17	8	5		
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111		1003.2	1016.0	18.4	1.6	15.9		0	T	-24	1	218	
42339 JODHPUR	2618N	07301E	224			1015.1	20.4		8.2		1	11	5	5		
<b>42410 GAUHATI</b>	2606N	09135E	54		1008.9	1015.5	19.3	1.2	18.2		0	T	-10	2	175	76
42452 KOTA AERODROME	2509N	07551E	274			1015.0	21.1	2.5	10.0		1	1	-4	4		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		1004.5	1016.0	18.9	1.6	14.7		1	3	-7	1	149	61
<b>42515 CHERRAPUNJI</b>	2515N	09144E	1313		870.9	1516 Y	13.0	.3	11.1		1	1	-28	3		
<b>42587 DALTONGANJ</b>	2403N	08404E	221		990.5	1017.2	19.1	1.7	14.3		0	0	-11	2		
42619 SILCHAR	2445N	09248E	29		1011.1	1014.5	20.7		18.1		3	13	5	5		
42647 AHMADABAD	2304N	07238E	55		1008.1	1014.5	22.2		11.7		0	T	4	275	95	
<b>42671 SAGAR</b>	2351N	07845E	551		952.6	1014.7	21.7	2.9	11.8		1	3	-12	3		
<b>42731 DWARKA</b>	2222N	06905E	11		1013.6	1014.9	24.3		17.1		1	3				
42754 INDORE	2243N	07548E	567		950.5	1014.1	21.1	2.3	10.1		0	T	-7	3		
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1014.5	1015.2	21.6	.8	18.0		0	T	-17	3	196	97
42867 NAGPUR SONEGAON	2106N	07903E	310		979.1	1014.5	23.1	2.7	14.3		0	0	-19	2	247	92
42909 VERAVAL	2054N	07022E	8		1013.1	1013.9	24.9		20.7		0	0	5			
42933 AKOLA	2042N	07702E	282		981.5	1013.5	22.6	1.1	12.9		0	0	-10	2		
42971 BHUBANESWAR	2015N	08550E	46		1009.8	1015.1	22.9	.9	17.9		0	0	-9	3	233	91
<b>43041 JAGDALPUR</b>	1905N	08202E	553		953.3	1015.5	20.7	1.2	15.2		0	0	-4	3		
43057 BOMBAY/COLABA	1854N	07249E	11		1011.5	1012.7	26.5	.2	21.5		0	0	-2	4	170	67
<b>43063 POONA</b>	1832N	07351E	559		951.3	1013.9	21.5	1.3	14.9		0	0	-4	3	274	95
<b>43128 HYDERABAD AIRPORT</b>	1727N	07828E	545		953.5	1014.1	22.5	.9	15.3		0	0	-3	3	260	99
43149 VISHAKHAPATNAM	1743N	08314E	3		1014.5	1014.9	24.4	.1	19.8		0	0	-4	2		
43185 MACHILIPATNAM	1612N	08109E	3		1013.9	1014.3	25.1	.8	23.5		0	0	-21	2	231	
43192 GOA/PANJIM	1529N	07349E	60		1005.7	1012.5	26.9	.0	22.7		0	0	-2	4	275	92

# SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
43198 BELGAUM/SAMBRA	1551N	07437E	747		930.3	1012.5	22.1	.3	13.3		0	0	-4	3		
<b>43279 MADRAS/MINAMBAKKAM</b>	1300N	08011E	16		1012.1	1013.9	25.1	.1	23.9		2	43	-109	2	210	103
<b>43295 BANGALORE</b>	1258N	07735E	921		911.5	1522 Y	21.9	.8	14.7		1	5	-14	2	215	102
43314 KOZHIIKODE	1115N	07547E	5		1011.3	1011.9	27.4	.2	25.2		0	0	-25	1		
<b>43333 PORT BLAIR</b>	1140N	09243E	79		1003.5	1012.3	26.3	.6	28.6		9	122	-35	4	185	77
<b>43363 PAMBAN</b>	0916N	07918E	11		1011.3	1012.7	26.3	.0	28.3		9	186	-26	3		
<b>43369 MINICOY</b>	0818N	07309E	2		1011.2	1011.4	28.1	.6	29.7		3	51	-16	3	206	83
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1004.4	1011.6	27.3	.2	26.0		2	5	-60	1	162	75
<b>SRI LANKA</b>																
43418 TRINCOMALEE	0835N	08115E	7		1003.4	1012.2	26.2		29.2		15	563				
43466 COLOMBO	0654N	07952E	7		1010.2	1011.0	27.0		29.5		12	232			172	80
43497 HAMBANTOTA	0607N	08108E	20		1009.5	1011.3	26.6		28.9		13	190				
<b>MONGOLIA</b>																
44203 RINCHINLHUMBE	5107N	09940E	1583		844.6	1055.4	-33.8	-3.9	.4	-.1	0	T	-2	1		
44207 HATGAL	5026N	10009E	1668		833.8	1045.7	-26.2	-5.5			2	1	4			
<b>44212 ULAAN-GOM</b>	4959N	09205E	939		922.3	1049.5	-28.1	-2.6	.5	-.2	1	2	-2	2	91	88
44213 BARUUNTURUUN	4939N	09424E	1232		885.5	1048.7	-27.4	-.8	.6	-.2	2	6	0	3		
44214 UIGI	4856N	08956E	1715		829.1	1037.7	-16.6	-1.6								
44215 OMNO-GOBI	4901N	09143E	1590		842.9	1040.3	-19.7	.6	1.0	-.1						
<b>44218 HOVD</b>	4801N	09134E	1405		861.5	1037.6	-18.7	1.3	1.2	.1	0	T	-1	1		
44225 TOSONTSENDEL	4844N	09812E	1723		830.7	1056.3	-32.1	-3.9			2	6	0	3		
44230 TARIALAN	4934N	10200E	1235		885.0	1047.3	-25.6	-7.8	.7	-.4	4	8	7	5		
<b>44231 MUREN</b>	4934N	10010E	1283		877.9	1048.0	-28.3	-8.5	.6	-.4	2	8	7	5		
44232 HUTAG	4923N	10242E	938		919.2	1048.5	-30.6	-10.2	3.4	2.3	2	4	2	4		
44237 ERDENEMANDAL	4832N	10123E	1509		850.9	1038.2	-19.4	-2.9			2	0	3			
<b>44239 BULGAN</b>	4848N	10333E	1208		883.2	1039.4	-22.6	-4.8	1.2	.0	1	4	3	5		
44241 BARUUNKHARAA	4855N	10604E	807		933.3	1040.2	-27.0	-6.2	.6	-.4			-3	1		
44256 DASHBALBAR	4933N	11424E	705		940.3	1033.6	-20.9	-3.2	1.0	-.2	1	3	1	3		
<b>44259 CHOIBALSAN</b>	4805N	11433E	747		938.7	1037.8	-22.0	-4.4				2	0	3	211	119
44265 BAITAG	4607N	09128E	1186		894.6	1047.4	-18.8	-.8			1	4	1	3		
<b>44272 ULIASTAI</b>	4745N	09651E	1759		823.5	1037.1	-18.7	1.6			01	1	-2	2	167	101
44275 BAYANBULAG	4650N	09805E	2255		772.4	1042.5	-21.9	-1.8	1.0	-.1	1	4	3	1		
44277 ALTAI	4624N	09615E	2181		780.8	1033.2	-16.7	-.9	1.6	.4	2	5	4	5		
44282 TSETSERLEG	4727N	10128E	1691		831.6	1036.5	-13.5	-.6	1.3	-.1	0	T	-2	1		
44284 GAIUUT	4642N	10008E	2126		788.1	1046.6	-24.5	-2.4	.8	.0	2	4	3	2		
44285 HUJIRT	4654N	10246E	1662		834.5	1038.7	-18.5	.0	1.2	.0	0	T	-2	1		
44287 BAYANHONGOR	4608N	10041E	1859		813.9	1039.0	-17.0	.0			3	7	6	2		
<b>44288 ARVAIHEER</b>	4616N	10247E	1813		817.8	1033.3	-13.2	-.4	1.6	.2	01	1	0	3		
44292 ULAAN-BAATOR	4755N	10652E	1306		874.1	1042.2	-23.4	-1.5				2	0	4	126	81
44294 MAANTI	4718N	10729E	1430		837.0	1040.0	-24.8	-4.7			0	T	-1	1		
44298 CHOIR	4627N	10813E	1286		874.9	1038.0	-20.1	-1.8			0	T	-1	1		
44302 BAYAN-OVOO	4747N	11207E	926		916.3	1038.8	-23.4	-5.3				2	-1	3		
44304 UNDERKHAAN	4719N	11038E	1033		899.1	1034.0	-25.2	-5.4	.7	-.4	0	T	-2	1		
44305 BARUUN-URT	4641N	11317E	981		910.4	1037.2	-19.4	-.6	1.2	.0	1	1	0	2		
44313 KHALKH-GOL	4737N	11837E	688			1036.8	-24.5	-4.3	.8	-.3	1	4	1	4		
44314 MATAD	4710N	11538E	907		918.8	1036.4	-18.4	-.7	1.2	-.2	0	T	-2	1		
44336 SAIKHAN-OVOO	4527N	10354E	1316		873.6	1041.0	-20.7	-3.7	1.0	-.2	5	7	6	1		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
							°C	°C	mb	mb		mm	mm		hr	
<b>44341 MANDALGOVI</b>	4546N	10617E	1393		863.5	1038.2	-16.6	- .8	1.6	.2	1	1	0	4		
44347 TSOGT-OVOO	4425N	10519E	1298		875.6	1038.9	-16.8	-2.4	1.3	- .2	4	6	5	5		
44352 BAYANDELGER	4544N	11222E	1101		896.8	1037.0	-18.5	-2.0	1.2	- .2	1	2	1	4		
44358 ZAMYN-UUD	4344N	11154E	964		914.0	1037.7	-16.9	-1.0			3	6	5	5		
<b>44373 DALANZADGAD</b>	4335N	10425E	1465		856.6	1037.0	-14.1	-1.5	1.5	.0	4	17	16	5	175	80
<b>HONG KONG, CHINA</b>																
45004 KING'S PARK	2219N	11410E	66		1011.6	1019.4	17.8	.0	15.1	1.5	7	65	38	5	126	70
<b>REPUBLIC OF KOREA</b>																
47101 CHUNCHON	3754N	12744E	75		1016.3	1026.1	-1.0	1.1	4.2	.2	6	28	9	4	138	92
47105 KANGNUNG	3745N	12854E	27		1020.8	1024.1	2.6	- .2	4.7	.5	11	129	91	5	117	63
47108 SEOUL	3734N	12658E	87		1015.0	1025.8	1.7	2.1	4.4	.1	3	15	-6	2	81	55
47115 ULLUNGDO	3729N	13054E	223		995.3	1022.6	3.2	- .8	5.8	.1	15	190	90	5	94	97
47133 TAEJON	3618N	12724E	78		1017.1	1026.1	2.4	2.2	5.2	.5	8	43	13	4	157	108
47138 POHANG	3602N	12923E	6		1023.8	1024.1	4.9	1.5	5.2	.6	8	39	13	4	156	83
47159 PUSAN	3506N	12902E	71		1014.8	1023.5	6.5	1.5	5.6	.5	6	80	57	5	153	76
47165 MOKPO	3447N	12623E	56		1020.7	1025.3	4.4	.2	6.3	.2	9	23	-4	3	124	93
47168 YOSU	3444N	12744E	68		1015.9	1024.1	6.3	1.9	5.9	.5	6	22	1	4	169	85
47184 CHEJU	3331N	12632E	24		1022.0	1024.9	8.5	.9	8.0	.5	15	102	53	5	55	65
<b>JAPAN</b>																
47401 WAKKANAI	4525N	14141E	11		1013.9	1015.3	-4.4	-2.3	2.9	-.9	20	117	-5	3	26	93
47407 ASAHIKAWA	4346N	14222E	116		1002.1	1017.1	-6.2	-2.0	3.2	-.6	22	109	14	4	57	102
47409 ABASHIRI	4401N	14417E	43		1009.8	1015.3	-5.0	-2.5	2.8	-1.0	8	43	-8	2	137	128
47412 SAPPORO	4303N	14120E	26		1014.4	1017.6	-3.0	-1.6	3.1	-1.0	11	78	-22	2	102	120
47418 KUSHIRO	4259N	14424E	37		1010.9	1015.9	-4.5	-2.5	2.8	-1.1	3	13	-32	1	207	129
47420 NEMURO	4320N	14535E	39		1010.0	1014.9	-3.1	-2.5	3.3	-1.1	5	14	-35	1	169	123
47421 SUTTSU	4248N	14014E	38		1013.5	1018.4	-2.4	-2.1	3.4	-1.0	21	75	-43	1	27	90
47426 URAKAWA	4210N	14247E	37		1012.5	1017.2	-2.2	-2.3	3.2	-1.1	4	14	-50	0	134	124
47430 HAKODATE	4149N	14045E	43		1012.9	1018.4	-2.2	-1.8	3.7	-.9	12	46	-34	1	94	107
47575 AOMORI	4049N	14046E	3		1018.9	1019.3	-.3	-1.3	4.4	-.8	16	143	-18	3	48	92
47582 AKITA	3943N	14006E	21		1017.4	1020.1	1.0	-1.5	5.0	-.5	16	83	-89	1	43	91
47585 MIYAKO	3939N	14158E	46		1012.6	1018.5	1.2	-1.7	4.3	-.4	4	21	-27	3	128	85
47598 ONAHAMA	3657N	14054E	5		1018.5	1019.1	5.0	-.7	5.9	-.1	5	45	5	4	156	88
47600 WAJIMA	3723N	13654E	14		1019.5	1021.2	5.0	-.5	6.7	-.4	20	206	-73	2	32	65
47602 AIKAWA	3802N	13815E	17		1018.6	1020.7	5.3	-.7	6.5	-.3	17	126	-36	2	44	85
47605 KANAZAWA	3635N	13638E	33		1017.1	1021.2	6.0	.0	7.1	-1.1	19	187	-118	1	50	76
47618 MATSUMOTO	3615N	13758E	611		946.7	1020.8	1.4	-.4	5.2	.4	9	56	31	5	106	63
47624 MAEBASHI	3624N	13904E	113		1005.5	1019.5	4.7	-.8	5.4	.2	6	64	47	6	160	84
47636 NAGOYA	3510N	13658E	56		1013.4	1020.2	6.7	.5	6.4	-1.1	6	89	49	5	148	92
47648 CHOSHI	3544N	14052E	28		1015.0	1018.4	7.9	-.7	7.9	.4	9	214	138	5	125	79
47655 OMAEZAKI	3436N	13813E	47		1012.7	1018.4	9.2	.5	7.9	.6	9	91	21	4	156	83
47662 TOKYO	3541N	13946E	36		1014.7	1019.1	7.2	-.7	5.9	.1	7	95	50	5	131	79
47663 OWASE	3404N	13612E	27		1016.5	1019.8	8.2	.2	7.9	.8	9	169	70	5	141	82
47675 OSHIMA	3445N	13222E	79		1008.5	1018.2	9.2	.4	8.3	.6	11	223	116	5	111	77
47678 HACHIJOJIMA	3306N	13947E	80		1008.1	1017.7	13.1	.3	11.3	1.0	19	405	232	6	64	62
47740 SAIGO	3612N	13320E	31		1017.9	1021.8	6.5	-1.1	7.3	.1	19	214	59	5	58	66
47741 MATSUE	3527N	13304E	22		1019.5	1022.2	6.6	.2	7.5	.0	16	151	14	4	44	52

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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	%		
47750 MAIZURU	3527N	13519E	22		1019.0	1021.7	6.5	.7	7.7	.4	18	196	89	5	67	77
47755 HAMADA	3454N	13204E	20		1019.5	1022.0	8.3	.1	7.7	.6	15	77	-34	2	55	75
47772 OSAKA	3441N	13531E	83		1011.2	1021.3	8.2	.3	7.3	.5	6	64	30	5	123	87
47778 SHIONOMISAKI	3327N	13546E	75		1010.3	1019.4	10.3	.3	8.1	.5	9	135	47	5	153	84
47800 IZUHARA	3412N	12918E	19		1020.7	1023.0	8.7	1.5	7.4	.5	10	104	50	5	126	89
47807 FUKUOKA	3335N	13023E	15		1020.8	1022.6	9.1	.9	7.7	.3	13	99	39	6	80	77
47815 OITA	3314N	13137E	13		1020.8	1022.4	9.0	1.3	8.0	.8	6	128	96	6	115	79
47817 NAGASAKI	3244N	12952E	35		1018.0	1022.3	9.8	1.0	8.2	.2	9	86	20	5	85	80
47827 KAGOSHIMA	3133N	13033E	31		1017.5	1021.3	11.7	2.5	9.4	.8	9	184	114	6	101	72
47830 MIYAZAKI	3155N	13125E	7		1019.3	1021.1	10.3	1.6	9.0	.8	8	188	138	6	149	82
47837 TANEGASHIMA	3044N	13100E	18		1018.4	1020.6	14.4	.9	11.6	.8	11	183	90	5	71	55
47843 FUKUE	3242N	12850E	26		1019.3	1022.5	10.3	1.2	8.4	.1	10	91	-8	3	58	64
47887 MATSUYAMA	3350N	13247E	34		1017.7	1021.8	8.4	.7	7.7	.6	7	83	45	6	94	72
47891 TAKAMATSU	3419N	13403E	10		1020.6	1021.8	7.8	.7	7.5	.6	9	69	37	6	105	71
47898 SHIMIZU	3243N	13301E	33		1016.6	1020.6	11.7	1.0	9.2	1.3	11	149	78	5	138	78
47899 MUROTOMISAKI	3315N	13411E	186		997.5	1020.1	9.8	.2	8.5	.8	9	104	32	5	151	87
47909 NAZE	2823N	12930E	7		1019.5	1020.4	17.3	1.2	14.2	1.3	18	194	41	4	44	60
47918 ISHIGAKIJIMA	2420N	12410E	7		1018.7	1019.5	20.8	1.4	18.4	1.6	15	208	75	5	97	102
47927 MIYAKOJIMA	2447N	12517E	41		1014.8	1019.6	20.3	1.3	17.8	1.5	16	306	154	5	93	96
47936 NAHA	2612N	12741E	53		1013.8	1020.1	19.4	1.4	16.1	1.6	11	159	36	4	96	89
47945 MINAMIDAITOJIMA	2550N	13114E	20		1017.0	1019.4	19.5	.5	18.1	2.4	11	159	39	5	117	110
47971 CHICHIJIMA	2705N	14211E	8		1017.3	1018.2	20.8	.9	18.7	2.2	11	120	8	4	137	114
47991 MINAMITORISHIMA	2418N	15358E	9		1016.0	1017.0	24.9	.9	23.8	1.0	12	76	-25		158	94
<b>THAILAND</b>																
48455 BANGKOK	1344N	10034E	20		1011.6	1012.1	28.7	3.1	27.6	4.4	4	54	44	5	200	76
<b>CHINA</b>																
50527 HAILAR	4913N	11945E	611		952.2	1035.5	-24.5	-1.9	.9	.0	1	10	6	5	147	98
50745 QIQIHAR	4723N	12355E	148		1008.8	1029.0	-18.6	-2.4	1.0	-.2	1	2	0	2	196	115
51076 ALTAY	4744N	08805E	737		943.5	1039.5	-14.7	-1.3	1.7	-.2	5	17	2	3	136	101
51431 YINING	4357N	08120E	663		948.2	1031.9	-6.8	-1.7	3.3	-.2	8	34	15	4	103	73
51463 URUMQI	4347N	08737E	919		918.7	1037.2	-11.8	2.0	2.0	.6	6	28		5	55	60
51709 KASHI	3928N	07559E	1291		877.7	1032.7	-5.0	-1.1	3.3	.1	2	9	8	5	86	54
51777 RUOQIANG	3902N	08810E	889		924.0	1035.3	-7.9	-1.7	2.4	.2	3	7	6	4	138	68
51828 HOTAN	3708N	07956E	1375		867.9	1030.8	-3.5	-.1	3.3	.7	2	6	5	5	83	45
52203 HAMI	4249N	09331E	739		942.2	1037.0	-11.7	-3.4	1.9	-.1	4	15	14	6	171	85
52533 JIUQUAN	3946N	09829E	1478		857.1	1036.3	-10.5	-2.8	1.9	.0	3	6	5	6	168	80
52836 DULAN	3618N	09806E	3192		688.9		-6.0	2.8	1.4	.3	2	2	-1	2	184	78
52889 LANZHOU	3603N	10353E	1518		852.3		-3.7	1.1	2.6	.0	0	T	-1	2	124	74
53068 ERENHOT	4339N	11200E	966		913.6	1037.5	-16.0	-.3	1.3	.1	6	4	3	5	174	85
53614 YINCHUAN	3829N	10613E	1112		897.8	1034.0	-6.7	-.4	2.6	.2	1	2	1	5	125	58
53772 TAIYUAN	3747N	11233E	779		935.4	1032.4	-5.0	-.6	3.1	.6	4	23	20	6	101	58
54292 YANJI	4253N	12928E	178		1004.8	1028.5	-12.8	-1.3	1.4	-.3	1	6	1	4	170	116
54342 SHENYANG	4146N	12326E	43		1024.4	1031.0	-9.2	-1.3	2.2	.0	2	9	1	3	103	68
54511 BEIJING	3956N	11617E	55		1026.6	1030.9	-2.9	-.7	3.3	.7	3	8	6	5	113	60
54857 QINGDAO	3604N	12020E	77		1019.6	1029.2	1.9	-.1	5.2	.6	2	11	2	4	122	67
55591 LHASA	2940N	09108E	3650		652.3		.5	2.2	2.1	.4	0	0	-1	5	246	94
56137 QAMDO	3109N	09710E	3307		681.1		-.5	1.7	2.2	.3	1	1	-1	3	201	99

## 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	
56294 CHENGDU	3040N	10401E	508		963.9	1025.4	7.8	.7	8.2	-.3	2	8	3	4		
56571 XICHANG	2754N	10216E	1599		839.5		11.3	1.6	7.2	.1	0	T	-6	1	250	119
56739 TENGCHONG	2507N	09829E	1649		836.5		9.7	1.0	8.7	.6	3	15	-6	4	247	102
56778 KUNMING	2501N	10241E	1892		811.8		10.4	2.5	8.4	.8	3	7	-6	3	222	109
56985 MENGZI	2323N	10323E	1302		871.8	1016.7	13.8		11.1		6	26		5	182	90
57036 XI'AN	3418N	10856E	398		981.3	1031.2	.1	-.8	5.0	.5	5	20	15	5		
57083 ZHENGZHOU	3443N	11339E	111		1015.8	1030.0	1.1	-.7	5.2	1.1	6	27	18	5	56	35
57461 YICHANG	3042N	11118E	134		1011.6	1028.4	6.0	-.9	7.9	.6	7	36	15	5	41	43
57745 ZHIJIANG	2727N	10941E	273		992.9	1026.6	6.2	-.8	8.4	.6	11	82	49	5	38	50
57993 GANZHOU	2551N	11457E	125		1007.8	1024.7	10.5	.5	11.6	2.6	13	95	57	5	65	46
58362 SHANGHAI	3124N	12128E	4		1025.5	1026.6	7.8		8.6		6	72		5	82	50
58606 NANCHANG	2836N	11555E	50		1019.6	1025.7	7.4	-.1	9.2	1.7	11	151	111	6	47	35
59287 GUANGZHOU	2308N	11319E	8		1016.0	1021.2	15.8	.8	14.9	3.1	9	50	27	4	106	63
59316 SHANTOU	2324N	11641E	3		1019.4	1020.3	16.9	1.8	15.8	2.4	9	77	49	5	152	87
59431 NANNING	2249N	10821E	73		1005.4	1020.5	14.4	-.2	14.9	2.3	4	61	39	5	55	43
59758 HAIKOU	2002N	11021E	24		1015.7	1017.8	20.4	1.7	21.7	3.7	6	56	22	5	56	38
<b>AFRICA</b>																
<b>MADEIRA</b>																
08522 FUNCHAL	3238N	01654W	56		1012.3	1019.2	18.2	1.3	15.1	1.5	12	109	9	3	148	106
<b>SPAIN (CANARY ISLANDS)</b>																
60020 SANTA CRUZ DE TENE- RIFE, CM	2827N	01615W	36		1015.3	1019.8	19.7	.9	15.5	1.2	6	107	56	5	136	80
60030 LAS PALMAS DE GRAN CAN./GAN.	2756N	01523W	47		1013.7	1019.2	20.3	2.0	16.1	1.4	5	102	81	6	148	82
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1017.3	1019.8	19.2	1.3	16.3	1.6	4	18	-7	3	175	95
<b>WESTERN SAHARA</b>																
60096 VILLA CISNEROS	2342N	01552W	10		1017.0	1018.5	20.4				1	3		0	249	100
<b>MOROCCO</b>																
60101 TANGER(AERODROME)	3544N	00554W	21		1019.1	1021.0	14.4	1.1	13.5		16	102	-27	3	155	110
60115 OUJDA	3447N	00156W	470		966.1	1020.8	12.7	2.2	9.8		24	16	-29		183	195
60120 KENITRA	3418N	00636W	14		1019.0	1020.7	14.7	1.7	14.4		10	84	-51	3	172	110
60135 RABAT-SALE	3403N	00646W	75		1011.2	1020.7	14.5	1.3	14.4		10	88	-12	3	182	95
60150 MEKNES	3353N	00532W	549		955.5	1021.1	12.3	1.6	12.0		8	47	-34	2	189	110
60155 CASABLANCA	3334N	00740W	62		1013.3	1020.2	15.8	2.3	14.9		7	28	-49	2	190	60
60195 MIDELT	3241N	00444W	1515		853.1	1545 Y	9.2	2.4	6.8		3	6	-2	3	227	75
60220 ESSAOUIRA	3131N	00947W	8		1018.9	1019.8	17.8	2.6	14.9		6	55	-10	3	169	85
60230 MARRAKECH	3137N	00802W	466		965.9	1020.6	14.3	1.7	11.3		4	14	-17	2	218	95
60265 OUARZAZATE	3056N	00654W	1140		893.2	1555 Y	11.4	1.9	7.6		3	177	168	5	223	70
60318 TETUAN/SANIA RAMEL	3535N	00520W	10		1019.7	1020.9	15.0		13.4		8	61		2	176	100
<b>SPAIN (CEUTA AND MELILLA)</b>																
60338 MELILLA	3517N	00257W	55		1013.0	1019.6	15.4	1.3	13.1	1.4	3	11	-40	1	196	124
<b>ALGERIA</b>																
60351 JIJEL ACHOUAT	3653N	00549E	10		1016.6	1017.9	13.9		11.9		12	407			141	45

# 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	
60353 JIJEL PORT	3650N	00547E	2		1016.9	1017.6	15.0		13.0		15	435			146	50
60360 ANNABA	3650N	00749E	4		1015.9	1016.9	13.5	1.0	11.9		15	147	52	4	158	50
60367 EL-KALA	3654N	00827E	10		1016.5	1018.1	14.6		13.0		13	202				
60387 DELLYS	3655N	00357E	12		1016.7	1017.3	15.2		12.0		13	180			157	
60390 DAR-EL-BEIDA	3643N	00315E	25		1015.5	1019.0	13.5	1.4	12.3		8	102	-13	3	152	50
60395 TIZI-OUZOU	3642N	00403E	195		1001.3	1022.5	12.9		11.8		12	286			155	50
60402 BEJAIA	3643N	00504E	2		1017.9	1018.7	13.9	1.2	12.0		9	315	180	5	112	
60403 GUELMA	3628N	00728E	227		991.2	1018.5	11.9		10.5		12	109			152	
60410 TENES	3630N	00120E	59		1018.2	1020.3	15.9		12.2		3	21			137	45
60417 BOUIRA	3623N	00354E	635		953.2	1019.0	10.7		11.4		9	213			175	55
60419 CONSTANTINE	3617N	00637E	694		937.8	1018.9	9.2	1.3	9.2		13	110	39	5	157	60
60421 OUM EL BOUAGHI	3553N	00707E	889		914.9	1496 Y	8.0		8.6		10	54			163	
60423 SOUK AHRAS	3617N	00758E	680		938.4	1017.9	9.4		9.6							
60425 CHLEF	3613N	00120E	143		1002.8	1019.9	13.0	1.8	11.4		4	48	-13	0	157	
60430 MILIANA	3618N	00214E	715		936.4	1020.0	11.2	1.9	10.0		11	85	-34	2	144	
60437 MEDEA	3616N	00245E	981		900.8	1513 Y	8.4		9.0		9	146			125	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928				8.2		8.3		7	49			185	
60445 SETIF	3611N	00525E	1081		900.1	1508 Y	7.0		8.1		11	67				
60452 ARZEW	3549N	00016W	3		1018.9	1019.5	14.9		11.8		1	26		0	170	45
60457 MOSTAGANEM VILLE	3553N	00007E	137		1002.9	1019.8	13.6		11.7		2	9			178	
60461 ORAN PORT	3542N	00039W	22		1016.9	1019.6	16.0		11.8		0	T				
60467 M'SILA	3540N	00430E	441		986.0	1018.3	10.8		9.4		5	13			181	60
60476 KHENCHELLA	3525N	00709E	1116		905.5	1507 Y	8.7		7.9		6	30			153	
60490 ORAN/ES SENIA	3538N	00036W	90		1008.7	1019.7	13.6	1.9	11.5		0	T	-61	1	192	80
60506 MASCARA METMORE	3536N	00018E	474		964.8	1020.8	11.6		8.0		6	12		0	187	60
60511 TIARET	3515N	00126E	1127		908.0	1519 Y	8.6		8.8		9	28			176	55
60514 KSAR CHELLALA	3510N	00219E	800		928.9		9.4		8.6		3	12			188	75
60515 BOU-SAADA	3520N	00412E	461		967.6	1022.2	11.4		9.0		4	17			188	
60517 GHAZAOUET	3506N	00152W	83		1019.6	1020.1	15.1		12.4		3	16				
60518 BENI-SAF	3518N	00121W	68		1010.1	1018.4	15.3		13.8		3	12			189	60
60520 SIDI BEL ABBES	3511N	00237W	450		965.2	1021.1	11.8		10.1		2	7			207	65
60522 MAGHNIA	3449N	00147W	426		970.6	1021.2	13.4		10.2		5	21			200	
60525 BISKRA	3448N	00544E	87		1009.1	1019.8	13.9	1.4	9.1		01	1	-6	2	239	
60531 TLEMCEN (ZENATA)	3501N	00128W	247		991.4	1020.8	12.9		11.3		6	23			197	65
60535 DJELFA	3441N	00315E	1144		884.8	1513 Y	7.2	1.3	8.4		6	36	6	5	198	65
60536 SAIDA	3452N	00009E	750		933.4	1542 Y	9.0		9.8		6	13			185	
60540 EL KHEITER	3409N	00004E	1000		905.3	1518 Y	8.3		8.0		5	19			202	65
60545 LAGHOUAT	3346N	00256E	765		932.0	1524 Y	10.4		8.2		1	1			229	70
60549 MECHERIA	3456N	00026W	1149		890.5	1533 Y	9.1		7.8		4	16			194	60
60550 ELBAYADH	3340N	00100E	1341		869.7	1536 Y	6.9		7.4		7	21			197	
60555 TOUGGOURT	3307N	00608E	85		1009.8	1020.9	12.7		8.5		0	0			245	
60557 NAAMA	3316N	00018W	1166		888.5	1531 Y	8.6		7.7		2	9			217	
60559 EL OUED	3330N	00607E	63		1011.2	1019.5	13.2	1.7	9.1		0	0	-7	1	251	
60560 AIN SEFRA	3246N	00036W	1058		898.0	1519 Y	10.1		8.6		2	7			223	
60566 GHARDAIA	3223N	00349E	450		966.9	1021.8	13.8	2.2	7.8		0	0	-3	3	246	
60571 BECHAR	3137N	00214W	773		928.4	1540 Y	12.9	2.5	7.8		0	0	-8	2	263	85
60580 OUARGLA	3155N	00524E	141		1002.8	1020.3	13.5		9.2		0	0			250	
60581 HASSI-MESSAOUD	3140N	00609E	142		1003.5	1020.8	13.0	1.3	8.2		0	T	-4	2		
60590 EL GOLEA	3034N	00252E	397		974.7	1022.4	12.3	1.8	8.1		0	0	-6	2	265	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.
60602 BENI ABBES	3008N	00210W	499		962.0	1020.8	14.7	3.1	7.1		0	0	-6	2	278	
60607 TIMIMOUN	2915N	00017E	312		983.3	1020.9	14.3	2.1	6.5		0	0	-1	4	270	
60611 IN AMENAS	2803N	00938E	562		954.7	1020.2	12.9	1.6	6.6		0	0	-3	3	255	
60620 ADRAR	2753N	00017W	263		986.8	1020.3	15.9	3.0	7.0		0	0	-1	4	283	
60630 IN SALAH	2712N	00228E	293		988.5	1020.1	16.2	1.3	7.7		0	0	-2	4	273	
60640 ILLIZI	2630N	00825E	558		956.5	1019.5	15.4		6.9		0	0				
60656 TINDOUF	2740N	00808W	431		967.2	1019.3	15.9		10.2		2	14			246	
60670 DJANET	2433N	00928E	1054		910.2	1545 Y	15.2	1.4	6.5		0	0	-1	4	283	100
60680 TAMANRASSET	2247N	00531E	1378		868.7	1548 Y	15.8	1.9	5.2		0	0	-1	3	277	100
60686 BORDJI B.MOKHTAR	2120N	00057E	398		971.4	1017.2	19.7		4.9		0	0			248	
60690 IN-GUEZZAM	1934N	00546E	411		971.2	1017.1	22.6		5.3		0	0			270	
<b>TUNISIA</b>																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1015.5	1016.0	14.2	1.7	12.9		11	65	-1	4	168	114
60725 JENDOUBA	3629N	00848E	144		1000.5	1017.6	12.6	1.6	10.9		10	100	44	5	156	105
60735 KAIROUAN	3540N	01006E	68		1009.2	1017.3	14.6	2.1	9.9		2	30	-5	4	198	106
60745 GAFSA	3425N	00849E	314		981.5	1017.5	12.1	2.1	9.3		2	5	-22	2	203	98
60765 GABES	3353N	01006E	5		1017.9	1018.5	14.7	1.7	9.5			2	-31	2	231	110
<b>NIGER</b>																
61017 BILMA	1841N	01255E	357		975.7	1018.1			7.3		0	0		5	300	100
61024 AGADEZ	1658N	00759E	502		958.4	1015.0	22.8		5.6		0	0		5	284	100
61036 TILLABERY	1412N	00127E	210		989.8	1013.5	26.4		9.1		0	0		5	298	100
61043 TAHOUA	1454N	00515E	391		968.5	1012.4	24.8		6.2		0	0		5	301	105
61045 GOURE	1359N	01018E	460		964.5	1014.0	22.6		4.7		0	0		5	306	
61049 N' GUIGMI	1415N	01307E	286		981.9	1014.6	22.1		6.8		00	0		0	306	100
61052 NIAMEY-AERO	1329N	00210E	227		987.4	1012.5	25.9		8.0		0	0		5	311	110
61075 BIRNI-N' KONNI	1348N	00515E	273		982.5	1013.3	25.2		7.5		0	0		5	298	100
61080 MARADI	1328N	00705E	373		970.2	1012.3	22.7		6.4		0	0		5	300	105
61090 ZINDER	1347N	00859E	453		963.3	1014.3	23.3		6.1		0	0		5	308	110
<b>MALI</b>																
61202 TESSALIT	2012N	00059E	491		960.9	1016.1	23.2		5.2						257	108
61230 NIORO DU SAHEL	1514N	00921W	237		986.7	1013.5	25.1	2.2	7.3		2	3	2	1	244	100
61240 HOMBORI	1520N	00141W	288			1014.1	26.3	1.2			0	0	-1	0	287	111
61250 MENAKA	1552N	00213E	278				25.7		5.8					274	105	
61257 KAYES	1426N	01126W	47		1008.9	1014.2	26.5	1.1	9.9		1	4	3	5		
61265 MOPTI	1431N	00406W	272		983.0	1013.6	25.8	2.1	6.4		0	0	-1	0		
61270 KITA	1304N	00928W	334		975.9	1012.0	25.5	.2	11.6		3	7	6	4		
61272 SEGOU	1324N	00609W	289		981.1	1013.4	25.5	1.2	13.0		0	0	-1	4	261	96
61277 SAN	1320N	00450W	284		981.5	1013.3	26.0	1.8	10.2		0	0	-1	5	276	102
61285 KENIEBA	1251N	01114W	132		998.1	1013.0	27.1	1.7	11.6		00	0	-1	0	263	103
61291 BAMAKO/SENOU	1232N	00757W	381		971.5	1021.4	26.0	1.2	8.4		0	0	0		276	103
61293 KOUTIALA	1223N	00528W	367			1012.6	25.8	2.8	8.7		0	0	-1	1	251	93
61296 BOUGOUNI	1125N	00730W	351		973.3	1017.4			11.5		0	0	-1	5		
61297 SIKASSO	1121N	00541W	375				25.8	2.2	12.5					286	110	
<b>MAURITANIA</b>																
61404 ZOUERATE	2245N	01229W	343		979.1	1021.6			9.9		0	0		4		

# SURFACE

## DECEMBER 2002

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			
61442 NOUAKCHOTT	1806N	01557W	3		1015.3	1015.7	23.4		10.5							247	
<b>61450 TIDJIKJA</b>	1834N	01126W	402		971.3	1016.7	23.2		8.4						1		
61461 BOUTILIMIT	1732N	01441W	75		1007.7	1026.0			11.4			0	0		5		
<b>61497 NEMA</b>	1636N	00716W	269				26.2		7.7			1	3		5		
61499 AIOUN EL ATROUSS	1642N	00936W	223		990.0	1015.4	24.8		8.2			10	6		5		
<b>SENEGAL</b>																	
61630 MATAM	1539N	01315W	17		1012.0	1013.9	26.5		12.8	2.9		2	5	4	5	217	123
<b>61641 DAKAR/YOFF</b>	1444N	01730W	24		1010.8	1014.1	24.5		21.2	2.8		0	T	-1	4	233	98
61679 KAOLACK	1408N	01604W	7		1013.6	1014.4	27.8		13.1			2	3	2	5	231	100
61695 ZIGUINCHOR	1233N	01616W	23		1010.5	1013.0	25.5		18.9	2.5		00	9999		0	214	83
<b>GUINEA</b>																	
61849 N' ZEREKORE	0744N	00850W	470			1012.7	23.9	.6	20.2	-1.0		1	3	-22	2		
<b>OCEAN ISLANDS (UK)</b>																	
<b>61901 ST. HELENA IS.</b>	1556S	00504W	436		967.0	1017.7	18.7					7	18			99	100
<b>MAURITIUS</b>																	
<b>61974 AGALEGA</b>	1026S	05645E	3		1011.0	1011.5	27.8	.6	31.3	1.8		20	495	305	6	195	
<b>61986 ST. BRANDON (ST. RAPHAEL)</b>	1627S	05937E	4		1011.6	1012.0	28.2	1.2	30.8	2.3		10	137	66	5		
<b>61988 RODRIGUES</b>	1941S	06325E	59		1007.9	1014.2	26.8	1.3	26.8	1.2		8	50	-40	3	218	79
<b>61990 PLAISANCE (MAURITIUS)</b>	2026S	05740E	57		1008.6	1014.3	25.9	.6	27.4	1.4		16	212	22	4	191	78
<b>OCEAN ISLANDS (FRANCE)</b>																	
<b>61998 PORT-AUX-FRANCAIS (ILES KERG)</b>	4921S	07015E	30		995.3	998.9	5.8	-1.5	6.8			9	63	6	4	170	91
<b>EGYPT</b>																	
<b>62306 MERSA MATRUH</b>	3120N	02713E	29		1014.8	1018.5	15.1	.7	11.4	.0		10	29		3	212	108
62337 EL ARISH	3105N	03350E	38		1014.2	1017.8	14.9	1.0	11.4	.1		7	28		0		
62378 HELWAN	2952N	03120E	141		998.9	1016.0	15.5	1.1	10.6	.7		1	2		3		
<b>62414 ASSWAN</b>	2358N	03247E	194		995.0	1018.1	17.4	.5	8.2	.2		0	0		3	308	107
62435 KHARGA	2527N	03032E	73		1009.0	1018.4	15.9	.4	8.9	-.1		0	0		3		
<b>SUDAN</b>																	
<b>62600 WADI HALFA</b>	2149N	03129E	183		995.6	1017.3	18.7		9.2			0	0		5	306	90
<b>62640 ABU HAMED</b>	1932N	03319E	312		975.7	1016.2	21.8		8.4			0	0		5	324	90
<b>62641 PORT SUDAN</b>	1935N	03713E	2		1010.9	1015.8	24.3		21.5			0	0		5	257	75
<b>62650 DONGOLA</b>	1910N	03029E	226		989.2	1016.7	18.6		6.6			0	0		5	319	75
62660 KARIMA	1833N	03151E	249		985.4	1015.8	20.8		6.7			0	0		5	327	95
62680 ATBARA	1742N	03358E	345		973.1	1012.8	22.6		9.8			0	0		5	319	75
62721 KHARTOUM	1536N	03233E	380		968.2	1012.3	23.5		12.3			0	0		5		
<b>62730 KASSALA</b>	1528N	03624E	500		953.5	1008.9	18.5		12.1			0	0		5	324	90
62751 WAD MEDANI	1424N	03329E	408		967.0	1013.1	23.6		9.3			0	0		5	325	95
62752 GEDAREF	1402N	03524E	599		943.7	1010.8	26.5		10.9			0	0		5	277	80
<b>62760 EL FASHER</b>	1337N	02520E	730		931.5	1013.3	21.0		5.3			0	0		5	235	95
<b>62762 SENNAR</b>	1333N	03337E	418		962.9	1015.9	22.9		9.2			0	0		5	318	90
<b>62770 GENEINA</b>	1329N	02227E	805		962.6	1014.7	21.6		5.2			0	0		5	317	90
62771 EL OBEID	1310N	03014E	574		948.0	1013.0	22.3		5.9			0	0		5	309	90



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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	hr		
62772 KOSTI	1310N	03240E	381		968.9	1018.1	24.5		10.1		0	0		5	304	85
<b>62781 EN NAHUD</b>	1242N	02826E	564		950.7	1014.5	22.0		6.1		0	0		5	318	90
62790 NYALA	1203N	02453E	674		941.5	1014.1	23.0		5.2		0	0		5		
62795 ABU NA'AMA	1244N	03408E	445		960.8	1010.5	25.7		9.2		0	0		5	317	90
62805 DAMAZINE	1147N	03423E	470		956.4	1008.8	25.9		9.6		0	0		5		
62810 KADUGLI	1100N	02943E	499		956.1	1011.7	29.3		6.1		0	0		5	302	85
<b>62840 MALAKAL</b>	0933N	03139E	388		966.9	1010.8	26.5		8.9		0	0		5	295	80
<b>62941 JUBA</b>	0452N	03136E	457		957.3	1008.7	29.9		18.7		4	34		2	236	65
<b>ETHIOPIA</b>																
63331 GONDAR	1232N	03725E	1667				19.7		9.4		2	4				105
63402 JIMMA	0740N	03650E	1725		836.2		19.8		15.9		10	138				
<b>KENYA</b>																
63619 MOYALE	0332N	03903E	1097		893.6	1548 Y	23.1		26.0		12	107			205	
63686 ELDORET	0032N	03517E	2133		790.9	1499 Y	17.2		13.5		12	175			236	
<b>63723 GARISSA</b>	0028S	03938E	147		994.0	1011.0	29.2	.0	27.2	2.2	7	83			270	112
<b>63740 NAIROBI/KENYATTA AIRPORT</b>	0119S	03655E	1624		839.6	1512 Y	20.7		17.5		13	331			235	90
<b>UNITED REPUBLIC OF TANZANIA</b>																
63756 MWANZA	0228S	03255E	1140		888.0	1519 Y	23.0		20.5		14	299	137	5		
<b>KENYA</b>																
63799 MALINDI	0314S	04006E	23		1008.7	1011.0	27.6		31.1		4	97			282	
<b>UNITED REPUBLIC OF TANZANIA</b>																
<b>63832 TABORA AIRPORT</b>	0505S	03250E	1190		882.7	1502 Y	23.3		20.3		21	0220	0014	3		
<b>63862 DODOMA</b>	0610S	03546E	1120		890.6	1523 Y	25.2		18.4		7	127	5	3		
<b>63894 DAR ES SALAAM AIRPORT</b>	0652S	03912E	55		1005.7	1012.0	28.0		29.4		10	113	-3	2		
<b>63962 SONGEA</b>	1041S	03535E	1067		896.4	1527 Y	23.7		20.7		12	0191	-016	3		
63971 MTWARA	1016S	04011E	113		998.8	1011.5	27.3		28.0		10	112	-59	2		
<b>SEYCHELLES</b>																
<b>63980 SEYCHELLES INT. AIRPORT</b>	0440S	05531E	3		1011.0	1011.4	27.6	.9	29.7	1.1	13	134	-147	1	210	124
<b>DEMO. REPUBLIC OF THE CONGO</b>																
64210 KINSHASA/N'DJILI	0423S	01526E	312		976.0	1011.0	25.0		26.3		16	433				
<b>CONGO</b>																
64400 POINTE-NOIRE	0449S	01154E	17		1009.7	1011.7	26.4		29.9		14	237		4	170	110
64402 MOUYONDZI	0359S	01355E	512		953.7	1010.2	24.4		25.9		16	212		4		
64405 SIBITI	0341S	01321E	531				23.4		25.4		16	272				
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		975.8	1011.0	25.7		27.0		16	305		6	166	105
64458 OUESO	0137N	01603E	352		971.0	1010.5	25.1		25.9		8	143		4		
<b>64459 IMPFONDO</b>	0137N	01804E	326				25.0		26.6		6	77		3		
<b>GABON</b>																
64500 LIBREVILLE	0027N	00925E	15		1010.0	1011.4	26.6	.4	30.2		20	351	48			
64501 PORT-GENTIL	0042S	00845E	4		1011.2	1012.2	27.0	.5	30.2		12	214	-13		185	126

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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	
64510 BITAM	0205N	01129E	599				24.3	.0	25.1		4	14	-45			
64550 MOUILA	0152S	01101E	89		1004.1	1011.7	26.1	-.5	29.9		16	209	-22			
64551 LAMBARENE	0043S	01014E	26		1008.9	1011.8	26.3	-.8	29.8		10	120	-52			
64556 MAKOKOU	0034N	01252E	515		953.7	1010.2	23.7	.2	25.4		7	0090	-013		373	
<b>CHAD</b>																
64700 NDJAMENA	1208N	01502E	295		979.2	1013.1	23.5		8.4	.0	0	0	0		318	105
64750 SARH	0909N	01823E	365		970.9	1011.7	25.5		11.2	-1.9	0	0	0		261	98
<b>BENIN</b>																
65306 KANDI	1108N	00256E	292		979.2	1012.0	25.9	1.1	8.7	-1.2	0	0	-1	1	305	109
65319 NATITINGOU	1019N	00123E	461		960.7	1011.8	26.7	.3	9.8	-1.0	0	0	-3	1	297	114
65330 PARAKOU	0921N	00237E	393		967.9	1011.5	27.1	1.0	12.6	-1.5	0	0	-6	1	278	110
65335 SAVE	0802N	00228E	200		988.5	1010.9	27.9	.2	18.6	-1.5	0	0	-4	1	255	116
65344 COTONOU	0621N	00223E	9		1010.2	1011.2	28.2	.9	29.0	-.3	1	1	-18	2	243	109
<b>TOGO</b>																
65352 MANGO	1022N	00028E	146		991.6	1009.2	27.2	.5	13.6		0	0	-3	4		
65361 SOKODE	0859N	00109E	387		965.9	1011.6	27.0		17.8		0	0	-11	3		
65376 ATAKPAME	0735N	00107E	402			1011.7	26.9	.3	25.0		01	1	-13	2		
65387 LOME	0610N	00115E	25		1008.8	1011.6	27.6	.5	28.8		0	0	-7	2	239	105
<b>GHANA</b>																
65442 KUMASI	0643N	00136W	293		979.7	1012.9	25.8		23.8		2	5			207	55
<b>BURKINA FASO</b>																
65501 DORI	1402N	00002W	277		982.4	1013.8	24.9		7.7		0	0		5	293	
65502 OUAHIGOUYA	1334N	00225W	336		975.2	1012.9	25.7		8.3		0	0		5	271	
65503 OUAGADOUGOU	1221N	00131W	306		978.6	1013.0	25.9		10.3		0	0		5	303	105
65505 DEDOUGOU	1228N	00329W	300		979.0	1012.6	27.0		7.2		0	0		4	303	
65507 FADA N'GOURMA	1202N	00022E	309		978.8	1013.2	26.2		10.2		0	0		4	305	
65510 BOBO-DIOULASSO	1110N	00419W	460		961.1	1012.1	26.7		8.8		0	0		5	259	90
65516 BOROMO	1145N	00256W	271		982.0	1012.5	26.4		8.0		0	0		4	270	
65518 PO	1109N	00109W	322		975.4	1011.4	26.4		7.6		0	0		4	299	
65522 GAOUA	1020N	00311W	335		979.1	1011.9	25.0		10.1		0	0		4	293	
<b>MADAGASCAR</b>																
67009 DIEGO-SUAREZ	1221S	04918E	105		1000.0	1011.9	26.7	.2	28.5	1.8	6	117	-53	3	195	86
67073 MAINTIRANO	1803S	04402E	23		1009.3	1011.9	29.2	2.1	28.9	-.1	8	572	378	5		
67083 ANTANANARIVO/IVATO	1848S	04729E	1276		875.2	1526 Y	20.6	.4	19.6	.9	19	329	20	3	194	97
67095 TAMATAVE	1807S	04924E	6		1012.7	1013.4	26.1	.6	29.1	1.4	20	0470	0113	4	175	80
67161 TULEAR	2323S	04344E	8		1010.9	1011.8	27.6	1.0			1	3	-94	1		
67197 FORT-DAUPHIN	2502S	04657E	9		1013.4	1014.4	24.6	-.5	26.0	-.1	17	377	213	5	205	87
<b>MOZAMBIQUE</b>																
67215 PEMBA	1259S	04032E	50		1001.1	1012.2	27.7				11			2	265	65
67341 MAPUTO/MAVALANE	2555S	03234E	44		1007.7	1015.0					7	47		0	236	55
<b>MALAWI</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	
67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229		879.1	1531 Y	21.8		19.7		18	231			179	
<b>ZIMBABWE</b>																
67775 HARARE (KUTSAGA)	1755S	03108E	1480		853.8	1515 Y	20.2	- .7	16.3		11	92	-78	1		
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		866.5	1509 Y	22.5		21.0		9	84	-36	2	262	120
<b>SOUTH AFRICA</b>																
68174 PIETERSBURG	2350S	02925E	1237		882.9	1528 Y	22.2		16.6		9	49	-32	2	210	83
68242 MMABATHO	2547S	02532E	1251		872.0	1522 Y	23.1		15.6		11	133			275	
68262 PRETORIA	2544S	02811E	1306		873.5	1541 Y	22.3		16.9		10	95	-13	3	232	86
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		833.3	1531 Y	18.6		18.0		17	141	38	5	211	80
68424 UPINGTON	2842S	02127E	850		921.9	1515 Y	28.0		10.8		4	12	-5	3	365	99
68438 KIMBERLEY	2848S	02446E	1196		881.6	1517 Y	23.5		14.2		8	80	34	5	309	93
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		862.0	1521 Y	21.0		13.3		10	76	16	4	257	81
68461 BETHLEHEM	2825S	02833E	1690		833.5	1533 Y	17.6		15.2		12	122		4	219	
68512 SPRINGBOK	2967S	01790E	1007		902.5	1515 Y	20.4		11.0		1	1		3	368	
68538 DE AAR	3065S	02400E	1287		871.6	1518 Y	23.3		12.8		9	65		5	342	
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1014.1	1015.7	23.6		22.8		13	113	11	4	181	96
68618 CALVINIA	3128S	01946E	975		902.3	1517 Y	22.3		10.6		2	9		4	349	
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1008.7	1013.7	20.8		16.7		2	16	-1	3	341	102
68828 GEORGE AIRPORT	3401S	02223E	190		993.4	1015.7	19.8		17.8		9	38			191	
68842 PORT ELIZABETH	3398S	02562E	69		1008.3	1015.5	20.4		18.5		4	52	18	5	262	94
68858 EAST LONDON	3302S	02750E	125		1001.9	1016.6	21.2		20.8		10	63	0	3	209	87
68906 GOUGH ISLAND	4021S	00953W	54		1005.6	1012.1	13.5		12.0		17	174	-67	1	197	108
68994 MARION ISLAND	4653S	03752E	21		1005.0	1007.7	6.4		7.4		16	146	-57	1	127	80
<b>N AMERICA</b>																
<b>USA (ALASKA)</b>																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1008.7	-18.8	5.2			0	9999			1	
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1001.0	-12.2	6.1	2.4		4	18	5	5		
70200 NOME	6430N	16526W	7			998.1	-8.6	5.1	3.2		7	25	4	4		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			996.2	-8.5	4.6	3.5		1	7	-18	1		
70231 MCGRATH	6258N	15537W	103			999.7	-15.0	6.1			7	19	-16	3		
70261 FAIRBANKS/INT.	6449N	14752W	138			1001.7	-14.9	6.5			1	10	-11	1		
70273 ANCHORAGE/INT.	6110N	15001W	40			996.4	-4.4	4.3			3	22	-6	2		
70308 ST. PAUL	5709N	17013W	9			990.3	-1.0	.7	4.5		16	70	14	5		
70316 COLD BAY	5512N	16243W	31			991.9	- .7	- .1	5.5		18	130	37	5		
70326 KING SALMON	5841N	15639W	15			993.7	-6.0	2.9	6.5		4	15	-19	1		
70361 YAKUTAT	5931N	13940W	9			997.8	- .5	2.2	6.5		15	159	-220	0		
70398 ANNETTE ISLAND	5502N	13134W	34			1002.3	5.7	3.6	6.5		24	294	10	3		
<b>USA</b>																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1018.6	21.8	- .1	21.3		2	103	52	5		
72202 MIAMI, FL.	2549N	08017W	4			1018.9	21.4	.8	20.9		6	86	40	5		
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1019.2	19.5	- .2	20.1		9	66	3	4		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1019.8	15.4	-1.3	13.2		11	289	235	6		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1020.0	11.4	-1.4	11.3		9	137	68	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.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1020.2	9.4	-1.5	9.3		10	99	24	6		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1019.7	9.0	-1.7	9.1		11	107	27	5		
72211 TAMPA/INT., FL.	2758N	08232W	3			1019.9	15.6	-1.2	14.3		11	359	305	6		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1020.2	10.2	-1.6	9.9		8	168	41	4		
72217 MACON/LEWIS B.WILSON,GA.	3242N	08339W	110			1020.3	7.5	-1.8	7.8		7	137	28	4		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1020.2	6.8	-1.6	7.3		8	108	22	4		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1020.2	6.6	-.3	7.0		10	133	23	4		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1020.2	10.6	-1.1	10.6		9	228	94	5		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1020.4	8.1	-1.6	9.7		9	131	-1	4		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1020.0	12.3	-.2	12.5		8	122	-24	3		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1020.0	8.6		9.1		9	201		5		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1019.7	8.6	-.2	8.9		9	160	10	4		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1020.2	12.1	.2	12.6		9	241	113	5		
72242 GALVESTON, TX.	2918N	09448W	16			1019.5	14.0	.4	14.1		7	93	5	6		
72243 HOUSTON/INTERCONTI- NENTAL,	2958N	09521W	33			1019.3	12.6	.7	12.0		8	144	57	5		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1019.0	9.0	.1	9.4		8	212	108	5		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1018.3	17.2	.5	17.2		5	32	1	6		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1018.6	14.7	.1	14.4		6	81	49	5		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1018.2	12.1	.9	11.3		7	64	26	5		
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189			1019.1	10.4	-.5	10.7		8	115	68	5		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1018.6	13.3	.2	13.3		4	67	16	4		
72256 WACO,MADISON-COOPER, TX.	3137N	09713W	155			1018.8	9.8	.7	10.3		7	194	147	6		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1018.2	8.7	.4	8.3		5	105	59	5		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1018.8	8.2	.4	7.5		3	35	15	4		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1017.4	6.5	-.5	6.5		3	27	13	5		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1018.2	7.9	.4	7.1		4	34	8	4		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1017.0	5.5	.7	5.5		3	40	27	6		
72270 EL PASO/INT., TX.	3148N	10624W	1194			1017.6	6.6	-.1	6.0		7	42	28	5		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1017.9	10.4	-.7	7.0		5	16	-11	3		
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337			1018.1	12.9	.6	7.2		1	4	-21	2		
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9			1020.2	13.8	-.3	6.5		6	50	11	4		
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1019.5	13.5	-.3	6.5		6	46	4	4		
72304 CAPE HATTERAS, NC.	3516N	07533W	3				8.8	-.6			5	59	-56	1		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1019.5	4.7	-1.2	5.8		9	128	46	5		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1018.3	5.7	-.9	6.8		8	106	24	5		
72310 COLUMBIA, SC.	3357N	08107W	69			1019.7	6.8	-1.5	6.7		7	106	15	4		
72312 GREENVILLE/SPATANBURG, SC	3454N	08213W	296			1018.8	5.7	-.6	6.9		10	164	59	5		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1019.6	5.0	-.9	6.1		8	126	38	6		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1019.2	3.6	-.6	6.0		8	163	74	5		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1019.3	4.2	-.5	5.8		9	113	28	5		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210			1020.2	5.4	.3	6.7		9	171	40	4		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1019.3	4.8	.3	7.0		10	136	21	4		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1019.6	4.7	.0	7.5		10	148	31	3		
72340 NORTH LITTLE ROCK/MUNICIPAL	3450N	09215W	165				6.1				11	208		5		
72344 FORT SMITH/MUN., AR.	3520N	09422W	141			1018.7	6.3	1.7	7.8		9	133	56	5		
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1018.0	6.7	.7	6.7		4	48	16	4		
72365 ALBUQUERQUE/INT.,NM.	3503N	10637W	1620			1019.0	2.6	.8	4.0		1	9	-3	3		
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664			1018.8	8.7	1.1	6.5			2	-7	2		
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100			1020.3	9.8	2.4	6.5		9	62	26	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	
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1019.2	3.6	- .9	6.1		8	88	6	4		
<b>72405 WASHINGTON/NAT., VA.</b>	3851N	07702W	20			1018.5	2.8	-1.3	5.3		7	113	34	4		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1018.0	1.2	-1.4	4.9		7	126	40	4		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1017.2	1.9	- .2	6.3		6	110	26	3		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1017.5	1.8	- .3	4.7		7	103	18	4		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1018.8	3.1	- .4	4.6		7	99	24	3		
72412 BECKLEY(RALEIGH CTY.MUN),WV.	3747N	08107W	766			1019.6	.0	-1.1	4.8		10	77	-5	3		
72414 CHARLESTON/KANAWHA.,WV.	3822N	08136W	299			1018.3	3.0	.2	5.5		11	75	-11	6		
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267			1018.7	1.2	.4	5.3		9	125	45	5		
<b>72422 LEXINGTON/BLUE GRASS, KY.</b>	3802N	08436W	301			1019.2	1.9		5.8		10	104		4		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1019.1	3.4	.7	6.8		12	168	76	5		
72425 HUNTINGTON, WV	3822N	08233W	255			1018.8	2.8	.1	5.4		12	79	-6	3		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1018.9	.2	.3	5.1		10	70	-2	6		
72429 DAYTON/. COX, OH	3952N	08407E	306			1019.2	- .8	- .6	4.9		7	82	8	4		
<b>72432 EVANSVILLE/REG., IN.</b>	3803N	08732W	118			1019.1	2.4	.6	6.4		12	144	51	5		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1018.7	3.0	1.9	5.8		5	51	-26	3		
72438 INDIANAPOLIS/I.-MUN/WEI.,IN.	3944N	08616W	246			1018.7	.6	1.2	5.6		8	77	-7	3		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1018.4	.6	1.9	4.9		2	43	-26	2		
<b>72445 COLUMBIA/REGIONAL, MO.</b>	3849N	09213W	274			1018.0	1.7	1.8	5.8		3	53	-9	3		
<b>72476 GRAND JUNCTION/WALKER F.,CO.</b>	3907N	10832W	1475			1020.7	.2	2.0	4.3		2	4	-11	1		
<b>72483 SACRAMENTO/EXECUTIVECA.</b>	3831N	12130W	8			1018.6	9.9	2.5	10.5		14	160	97	5		
<b>72486 ELY/YELLAND, NV.</b>	3917N	11451W	1909			1020.1	-3.0	.6			1	4	-13	1		
72488 RENO/INT., NV.	3930N	11947W	1341			1017.3	3.1	2.7			6	56	31	4		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1018.6	11.4	1.7	6.5		17	273	195	5		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1016.1	2.6	.0	4.9		6	98	12	3		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1014.8	.5	.1	4.5		11	131	20	4		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1015.2	-1.2	.2	4.4		10	96	-3	3		
72509 BOSTON/LOGAN INT., MA	4222N	07102W	9			1014.6	.6	- .3	4.7		8	135	34	3		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1016.3	-1.7	- .6	4.1		7	88	25	5		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1016.7	-3.9	- .8	3.9		10	70	-6	3		
72517 ALLENTOWN/A.-BETHLEHEM-,PA.	4039N	07526W	117			1017.1	-1.4	-1.3	4.5		7	126	38	6		
<b>72519 SYRACUSE/HANCOCK, NY.</b>	4307N	07607W	124			1016.3	-1.9	.2	4.7		13	72	-9	2		
<b>72520 PITTSBURGH/GREATER PITT.,PA.</b>	4030N	08013W	373			1018.5	- .7	- .4	4.9		11	65	-9	3		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1017.6	-1.9	-1.2	4.9		15	74	0	6		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1017.3	-1.6	- .2	4.9		11	74	0	4		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1016.5	-2.0	- .4	4.6		15	111	18	5		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1016.3	-2.1	- .5	4.4		15	96	27	5		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1016.9	-1.1	1.9	4.8		5	49	-13	2		
<b>72532 PEORIA/GREATER PEORIA, IL.</b>	4040N	08941W	202			1018.2	.1	2.9	5.3		2	56	-6	4		
72533 FORT WAYNE/MUN.,BAER FL.,IN.	4100N	08512W	252			1018.5	-1.8	.1	4.6		7	41	-32	2		
72535 SOUTH BEND/ST.JOSEPH CO.,IN.	4142N	08619W	236			1018.0	-1.9	- .2	4.4		6	46	-37	1		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1017.8	-1.6	.7	4.4		9	68	-6	3		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1017.3	-1.8	.3	4.7		7	29	-42	6		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1017.2	- .3	3.4	4.6		1	18	-38	1		
<b>72546 DES MOINES/MUN., IA.</b>	4132N	09339W	294			1017.4	- .3	3.9	4.4		0	0	-33	0		
<b>72556 NORFOLK/KARL STEFAN, NE.</b>	4159N	09726W	473			1016.5	- .2	4.9	4.3		01	1	-17	0		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1017.3	-1.9	3.8	4.3		1	3	-16	0		
<b>72562 NORTH PLATTE/LEE BIRD, NE.</b>	4108N	10041W	849			1017.8	-1.0	3.3	3.8		0	0	-11	1		
72564 CHEYENNE, WY.	4109N	10449W	1872			1015.5	.2		3.0			3		0		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1016.8	-2.0	2.6	3.7		1	5	-11	1		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1019.0	2.0	3.3	5.2		4	12	-23	2		
72576 LANDER/HUNT, WY.	4249N	10844W	1694			1018.9	-5.7	.5	3.1		1	5	-9	2		
72578 POCATELLO/NUM., ID.	4255N	11236W	1365			1019.8	-.4	3.6			3	11	-17	1		
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			1017.8	1.5	2.7			3	10	-12	2		
72594 EUREKA, CA.	4048N	12410W	18				9.3	.2			21	592	439	6		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1014.7	5.4		7.6		14	183		5		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1014.3	-4.1		3.7		8	91		2		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1013.3	-2.7	.4	3.8		5	115	0	2		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1015.3	-3.8	1.2	4.0		5	33	-28	1		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1016.6	-2.2	.5	4.7		4	50	-22	2		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1016.2	-.7	1.2	4.9		3	22	-55	6		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1016.9	-2.5	.2	5.1		8	27	-26	2		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1016.5	-1.1	3.1	4.4		2	19	-40	1		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1016.3	-2.6	3.1	4.2		1	17	-29	1		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1015.9	-4.3	3.9	4.1		2	14	-12	2		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1015.5	-3.1	3.5	4.2		2	19	-19	6		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1015.8	-3.4	4.6	4.0		2	4	-13	1		
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393			1015.9	-3.0	4.7	4.3		3	10	-1	3		
72658 MINNEAPOLIS/ST.PAUL INTL,MN.	4453N	09313W	255			1015.4	-3.2	4.6	3.8		2	5	-22	1		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1015.7	-.1	4.2	3.6		01	1	-10	1		
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209			1016.5	-1.8	3.4	3.7		1	5	-12	0		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1015.7	-.3	3.3	3.7		3	6	-14	2		
72681 BOISE/MUN., ID.	4334N	11613W	874			1017.7	3.0	4.1	6.4		10	52	18	5		
72688 PENDLETON, OR.	4541N	11851W	456			1014.4	4.1	2.8	6.5		11	57	16	4		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1012.9	6.3	1.7	6.5		21	203	48	4		
72712 CARIBOU/MUN., ME.	4652N	06801W	190			1011.6	-8.1	1.5	3.2		7	74	-7	2		
72734 SAULT STE. MARIE, MI.	4628N	08422W	221			1013.1	-3.1	4.1	4.1		7	33	-40	1		
72745 DULUTH/INT., MN.	4650N	09211W	432			1014.3	-6.6	4.1	3.5		1	21	-10	1		
72747 INT. FALLS/FALLS INT.MN.	4834N	09323W	361			1013.7	-8.2	5.6	3.2		2	7	-14	1		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1015.1	-6.8	4.5	3.6		2	21	5	2		
72764 BISMARCK/MUN., ND.	4646N	10045W	506			1014.9	-5.1	4.9	3.6		2	8	-5	1		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1015.6	-6.9	3.5	3.5		6	16	2	3		
72768 GLASGOW/INTL, MT.	4813N	10637W	700			1015.3	-4.5	4.8	3.7		01	1	-8	0		
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			1018.8	-2.3	3.7	3.7		1	1	-14	1		
72773 MISSOULA/JOHNSON-BELL F.,MT.	4655N	11405W	972			1018.6	-1.5	3.3			4	16	-13	2		
72781 YAKIMA/YAKIMA AIR TERM.,WA.	4634N	12032W	325			1015.7	2.0	3.2	6.5		12	89	54	5		
72785 SPOKANE/INT.,WA.	4738N	11732W	721			1015.3	1.0	3.3	5.8		13	83	22	4		
72792 OLYMPIA, WA.	4658N	12254W	61			1011.8	5.2	1.8	6.5		23	188	-18	6		
72797 QUILLAYUTE, WA.	4757N	12433W	62			1009.6	6.0		6.5		21	374		3		
<b>CANADA</b>																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74			996.6	1006.2	-14.7	10.5	1.9	5	14	-3	2	0	
71066 HIGH LEVEL, ALTA	5837N	11710W	338			966.9	1009.8	-12.9	7.3	2.2	3	7	-15	1		
71069 SLAVE LAKE, ALTA	5518N	11447W	581			939.7	1011.4	-8.0	5.4	3.0		2	-23	0		
71078 LYNN LAKE, MAN.	5652N	10105W	357			967.7	1013.3	-14.8	7.7	2.0	7	20	-2	3	48	85
71079 THOMPSON WEATHER OFFICE-MAN.	5548N	09751W	204			984.3	1013.1	-16.0	6.1	1.8	5	17	-11	2		
71081 HALL BEACH,N.W.T.	6847N	08115W	8			1003.7	1004.4	-25.3	2.3	.7	2	7	-1	3		
71090 CLYDE,N.W.T.	7029N	06831W	26			1000.8	1004.3	-18.7	5.3	1.2	7	16	5	4		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
71095 POND INLET, N.W.T.	7242N	07758W	55		997.6	1005.1	-23.9		.8		6	16		5		
71109 PORT HARDY, B.C.	5041N	12722W	22		1004.2	1006.8	5.1	1.8	7.8		19	221	-39	3		
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40		1000.9	1005.9	-2.1	-4	4.2		12	104	-68	1		
71600 SABLE ISLAND, N.S.	4356N	06001W	4		1008.1	1008.7	2.0	-3	5.7		16	148	3	3		
71603 YARMOUTH, N.S.	4350N	06605W	43		1005.8	1011.2	.0	.4	5.0		14	110	-33	2	82	120
71722 MANIWAKI, QUE.	4623N	07558W	173		989.2	1014.3	-7.2	2.7	3.5		10	33	-38	1		
71727 BAGOTVILLE, QUE.	4820N	07100W	159		992.5	1012.7	-9.2	2.9	2.9		10	34	-43	1		
71803 GANDER INT. AIRPORT, NFLD.	4857N	05434W	151		983.4	1002.0	-3.6	.3	4.2		16	133	20	4	65	85
71813 NATASHQUAN, QUE.	5011N	06149W	11		1004.9	1006.3	-8.5	.9	2.7		10	68	-45	1		
71816 GOOSE, NFLD.	5319N	06025W	49		1000.4	1006.6	-12.3	1.1	2.1		8	33	-44	1	83	105
71827 LA GRANDE RIVIERE, QUE	5338N	07742W	195		984.1	1009.2	-13.4		2.3		10	49		4		
71828 SCHEFFERVILLE, QUE.	5448N	06648W	518		942.2	1008.3	-17.9	1.6	1.5		5	34	-19	2		
71842 SIOUX LOOKOUT, ONT.	5007N	09154W	390		964.0	1013.0	-10.2	5.2	2.7		12	32	-3	3		
71867 THE PAS, MAN.	5358N	10106W	271		978.5	1012.8	-11.0	7.0	2.5		9	52	33	6	54	65
71869 PRINCE ALBERT, SASK.	5313N	10541W	428		959.7	1013.4	-10.5	6.4	2.8		3	17	-2	3		
71887 KAMLOOPS, B.C.	5042N	12027W	346		972.0	1014.5	.9	4.2	5.4		7	38	6	4		
71905 KUUVJUARAPIK, QUE.	5517N	07746W	10		1006.9	1008.2	-13.3	3.3	2.2		12	40	5	4		
71906 KUUVJUAQ, QUE.	5806N	06825W	37		1002.8	1007.9	-15.1	4.0	1.6		5	20	-20	2		
71907 INUKJUAQ, QUE	5827N	07807W	6		1003.4	1006.8	-13.8	4.3	2.0		12	66	41	5		
71909 IQALUIT, N.W.T.	6345N	06833W	34		999.3	1003.8	-17.6	4.5	1.4		10	28	9	5		
71910 CAPE DORSET, N.W.T.	6413N	07632W	50		997.7	1004.4	-16.7		1.4		9	20		2		
71924 RESOLUTE, N.W.T.	7443N	09459W	67		998.0	1007.1	-23.7	5.3	.9		5	10	6	5		
71926 BAKER LAKE, N.W.T.	6418N	09605W	18		1008.8	1011.2	-23.3	5.0	.9		5	17	8	5	10	
71935 HAY RIVER, N.W.T.	6050N	11547W	166		987.6	1008.8	-11.8	9.1	2.4		5	15	-5	3		
71945 FORT NELSON, B.C.	5850N	12235W	382		960.8	1009.1	-14.2	6.1	2.0		2	4	-14	1		
71950 SMITHERS, B.C.	5449N	12711W	523		945.8	1008.9	-3.5	4.5	4.0		6	18	-30	1		
71957 INUVIK, N.W.T.	6818N	13329W	68		998.6	1006.9	-15.5	10.6	1.9		2	8	-8	2		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		917.9	1004.2	-9.3	6.6	2.7		3	9	-9	2	14	50
<b>MEXICO</b>																
76225 UNIV. DE CHIHUAHUA, CHIHUAHU	2838N	10605W	1435		859.8	1019.4	9.1		5.6		1	1		0	214	
76256 EMPALME, SON	2755N	11054W	11		1016.0	1017.4	18.7		10.8		3	9		1	252	
76311 CHOIX, SIN.	2643N	10817W	238		987.3	1015.1	17.3		15.0		4	36		1	168	140
76342 MONCLOVA, COAH.	2653N	10125W	615		947.4	1018.6	15.2		7.7		1	2		1	219	
76382 TORREON, COAH.	2532N	10327W	1124		890.1	1014.7	15.1		8.0		0	0		0	199	
76393 MONTERREY, N.L.	2552N	10012W	512		958.1	1017.4	15.9		10.3		0	T		1	120	
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1012.5	1018.1	17.2		12.5		3	13		2	244	
76405 LA PAZ, B.C.S.	2416N	11025W	18		1014.7	1016.8	19.7		15.5		00	9999		4	238	
76423 DURANGO, DGO	2402N	10440W	1872		815.8	1016.0	11.5		8.4		1	2		1	264	
76458 COLONIA JUAN CARRAS-CO MAZAT	2312N	10625W	4		1014.5	1015.0	21.7	.7	17.0	-2.7	0	0	-25	0	237	116
76556 TEPIC, NAY	2131N	10454W	922		912.6	1014.6	17.9		15.0		0	0		0	221	
76577 GUANAJUATO, GTO.	2101N	10115W	1999		805.5	1015.9	14.0	-7	11.7	1.5	0	T	-14	1	216	99
76644 AEROP. INTERNACIONAL MERIDA,	2059N	08939W	9		1014.8	1016.0	23.6	.4	22.8	.9	3	30	-4	3	192	96
76647 VALLADOLID, YUC.	2042N	08813W	22		1013.9	1016.9	23.7		23.2		7	81		5	191	
76654 MANZANILLO, COL.	1903N	10420W	3		1012.0	1012.4	25.4		23.6		0	0		0	220	
76665 MORELIA, MICH.	1942N	10111W	1913		813.0	1015.9	15.3	.6	10.8	-2	1	1	-11	0	206	123
76675 TOLUCA, MEX	1918N	09940W	2720		738.8	1016.7	9.2		7.7			3			243	
76692 HACIENDA YLANG YLANG VER.	1909N	09607W	13		1015.8	1017.8	22.3	-2	21.4	-7	3	16	-11	2	185	128
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1016.4	1017.6	29.9		24.7		8	50		3	183	

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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	
76743 VILLAHERMOSA, TAB	1759N	09255W	10		1021.0	1021.9	23.8		23.5		10	0119		3	145	
76750 CHETUMAL, Q. ROO	1829N	08818W	9		1014.8	1015.8	24.5		25.4		8	77		3	152	
76805 ACAPULCO, GRO.	1650N	09956W	13		1001.2	1012.5	26.3	- .5	27.4	-1.0	0	0	-14	0	270	106
76848 COMITAN, CHIS.	1615N	09208W	1530		839.6	1011.1	16.2		13.3		1	11		2	223	
76903 TAPACHULA, CHIS.	1455N	09216W	182		1004.6	1018.0	27.7		25.3		0	0		0	250	
<b>BAHAMAS</b>																
78073 NASSAU AIRPORT	2503N	07728W	7		1018.2	1019.0	23.5	1.6	22.3	1.7	1	3	-48	1	202	95
<b>JAMAICA</b>																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1015.5	1015.6	26.9		27.6		13	58			243	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1013.1	1014.7	27.6		24.0		3	17		3	242	
<b>DOMINICAN REPUBLIC</b>																
78458 PUERTO PLATA	1945N	07034W	5		1015.7	1016.3	25.4		27.0		13	149				
78486 SANTO DOMINGO	1826N	06953W	14		1014.0	1015.6	26.8	1.9	27.5	3.7	11	90	6	4		
<b>PUERTO RICO AND US POSS</b>																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1016.9	25.7	.1	27.9		17	117	-2	4		
<b>BELIZE</b>																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1015.3	1015.8	24.8	.6	26.5		14	244	69	4	174	98
<b>HONDURAS</b>																
78705 LA CEIBA (AIRPORT)	1544N	08652W	26		1014.2	1015.9	24.8	.5	26.7	1.3	15	324	-154	2	144	
78708 LA MESA (SAN PEDRO SULA)	1527N	08756W	31		1001.2	1015.2	25.9	2.2	26.3		14	165	44	1	147	80
78720 TEGUCIGALPA	1403N	08713W	1007		904.2	1013.7	21.0	1.3	18.0	1.2	4	16	7	5	180	85
<b>NICARAGUA</b>																
78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1005.4	1011.6	26.7		24.3		1	1		1	276	90
<b>COSTA RICA</b>																
78762 JUAN SANTAMARIA	1000N	08413W	939		910.0	1011.0	23.1	1.3	18.9		3	55	22	4		
78767 PUERTO LIMON	1000N	08303W	3		1012.6	1013.1	25.1	.8	25.7		16	153	-248	1	153	101
<b>ST. MAARTEN, ST. EUST., SABA</b>																
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1017.7	1018.2	26.2	.4	24.5	-1.0	16	77	-9	3	269	110
<b>ST. MARTIN, ST. BARTH., GUAD.</b>																
78897 LE RAISET, GUADELOUPE	1616N	06131W	11		1015.3		25.8	.6	26.6		14	53	-84	1	178	90
<b>MARTINIQUE</b>																
78925 LE LAMENTIN	1436N	06100W	7		1015.1	1016.0	26.1	.7	24.6	-1.7	18	54	-104	1	178	74
<b>BARBADOS</b>																
78954 GRANTLEY ADAMS	1304N	05929W	56		1009.1	1015.6	27.0		26.7			15		1	291	80
<b>CURACAO AND BONAIRE</b>																
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1013.2	1014.1	27.3	.5	26.8	-.8	3	12	-87	1	294	126



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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>COLOMBIA</b>																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1013.4	1013.5	27.6	.6	29.9	.8	7	59	-114	3	283	136
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				27.6		28.8		9	63		2	259	130
<b>S AMERICA</b>																
<b>COLOMBIA</b>																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1009.0	1009.5	29.6	2.3	27.8	1.2	0	0	-10	2	292	100
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1009.1	1009.3	27.8	.8	30.3	1.5	0	0	-37	2	273	109
80028 BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30		1008.1	1009.8	28.1	1.1	30.4	2.1	2	17	-7	5	281	111
80084 APARTADO/LOS CEDROS	0748N	07642W	20				27.4		30.6		14	220		3	156	110
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				29.6	1.7	29.7	1.5	6	52	-46	5	221	115
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		881.3		22.0		22.2		3	8	-50	4	226	120
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		975.9	1010.5	27.5	1.3	25.0	-.2	2	18	-51	4	241	130
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		989.2	1003.7	27.0	.1	26.6	-.3	2	5	-22	4	257	111
80112 RIONEGRO/J.M.CORDOVA	0608N	07526W	2142		790.6		16.7		16.0		14	81		2	127	95
80139 PUERTO CARRENO/A.GUAUQUEA	0610N	06730W	55				29.4	1.1	25.6	.7	1	53	21	5	253	104
80144 QUIBDO/EL CARANO	0543N	07637W	53				26.7	.8	30.6	1.1	28	646	-2	0	82	90
80210 PEREIRA/MATECANA	0449N	07544W	1342		865.1		22.3	.9	20.6	1.4	12	144	-18	2	162	91
80214 IBAGUE/PERALES	0426N	07509W	928				23.4	.3	23.2	.9	9	83	-31	5	175	107
80222 BOGOTA/ELDORADO	0442N	07408W	2546		752.4		13.9	1.0	12.6	.6	6	64	10	4	152	92
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		960.3	1009.6	26.2	.8	24.5	.2	10	223	78	3	161	101
80241 LAS GAVIOTAS	0433N	07055W	167		989.5	1008.7	26.5	.3	25.4	-.3	3	39	-33	4	234	104
80259 CALI/ALFONSO BONILLAARAGON	0333N	07623W	969		905.3		23.9		22.4		7	132	67	4	173	100
80315 NEIVA/BENITO SALAS	0258N	07518W	443		957.4	1005.8	28.1	1.1	25.9	1.0	11	127	-15	4	213	113
80370 IPIALES/SAN LUIS	0049N	07738W	2961				11.9	.8	11.3	.3	9	72	-22	3	145	112
80398 LETICIA/VASQUEZ COBO	0433S	06932W	84		1001.1	1010.6	25.7	-.2	29.7	.4	26	331	24	1	125	91
<b>VENEZUELA</b>																
80403 CORO	1125N	06941W	17				27.9	1.2	25.7		1	3	-51	1	285	107
80407 MARACAIBO-LA CHINITA	1034N	07144W	65		1002.6	1010.1	27.7	.9	25.1		2	117	100	5	253	106
80410 BARQUISIMETO	1004N	06919W	614				23.4	.3	22.2		2	17	-8	3	258	104
80413 MARACAY - B.A. SUCRE	1015N	06739W	437			1011.7	26.8	2.9	22.5		0	0	-15	1	284	106
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1006.9	1012.3	26.9	1.5	30.6		1	2	-52	1	267	127
80416 CARACAS/LA CARLOTA	1030N	06653W	835				23.1	2.4	20.5		1	14	-28		251	118
80419 BARCELONA	1007N	06441W	7				27.5	1.5	26.8		3	28	4	4	260	97
80420 CUMANA	1027N	06411W	4				26.6		23.0		1	1			276	105
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19				26.7		30.1		6	25			292	110
80423 GUIRIA	1035N	06219W	14				26.8	.8	25.6		4	36	-36	1	267	125
80425 MENE GRANDE	0949N	07056W	28				28.5	1.9	28.2		4	23	-63	2	199	88
80426 VALERA	0921N	07037W	582				24.8		23.1		2	14			203	110
80427 ACARIGUA	0933N	06914W	225				25.4	-.2	23.3		1	2	-35		221	94
80428 GUANARE	0901N	06944W	163				25.9	.6	22.8		2	19	-14		209	90
80431 SAN JUAN DE LOS MORROS	0955N	06720W	429				24.7		21.3		1	3			259	95
80432 CARRIZAL	0925N	06655W	161				25.9		26.9		0	0000			267	95
80434 VALLE DE LA PASCUA	0913N	06601W	125				26.8		22.5		1	4			237	
80435 MATURIN	0945N	06311W	66				25.3	-.1	23.5		14	95	-16	2	213	93

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O <sub>c</sub>	O <sub>c</sub>	mb	mb		mm	mm		hr	
80437 EL VIGIA	0838N	07139W	103				26.1		26.3		8	82			162	
<b>80438 MERIDA</b>	0836N	07111W	1498		850.5	1502 Y	20.7	2.6	16.3		9	30	-49	1	258	110
80440 BARINAS	0837N	07013W	204				26.8		23.3		1	18			222	
80442 CALABOZO	0856N	06725W	101				28.6		24.5		0	0			264	
80444 CIUDAD BOLIVAR	0809N	06333W	48				26.8	-1.1	27.0		5	19	-22	2	229	94
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378				26.6	2.0	17.5		2	41	-30	0	248	129
80448 GUASDUALITO	0714N	07048W	131				25.0	-4.4	20.6		1	4	-38		240	93
<b>80450 SAN FERNANDO DE APURE</b>	0754N	06725W	48				27.5	1.0	28.1		0	T	-10	1	290	101
<b>80453 TUMEREMO</b>	0718N	06127W	181		988.9	1009.6	22.5	-1.9	23.2		10	94	-7	3	200	116
80457 PUERTO AYACUCHO	0536N	06730W	74		1003.3	1007.4	27.1	.1	18.5		4	30	-12	3	249	96
<b>80462 SANTA ELENA DE UAIREN</b>	0436N	06107W	907				22.4	1.4	19.8		5	32	-53	2	211	99
80472 VALENCIA	1010N	06756W	431				27.7		24.8		0	T			288	
80475 STO. DOMINGO (B.A.)	0735N	07204W	327				23.0		22.5		5	23			170	105
80479 PALMICHAL	1018N	06814W	1000		900.9		19.4		20.4		4	17			132	
<b>GUYANA</b>																
81001 GEORGETOWN	0648N	05809W	2		1013.4	1013.8	26.9		28.2		15	104		1	221	120
81002 TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1009.9	1013.3	26.3		27.8		14	145		2		
<b>SURINAME</b>																
81225 ZANDERIJ	0527N	05512W	15		1010.8	1012.8	25.7				16	230			157	
<b>FRENCH GUIANA</b>																
<b>81405 CAYENNE/ROCHAMBEAU</b>	0450N	05222W	9		1011.6	1012.5	26.4		28.9		26	397	38	3	88	53
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1011.3		25.3		29.8		23	433	91	4	60	40
<b>BRAZIL</b>																
82098 MACAPA	0002N	05103W	15		1010.3	1012.0	27.5	.5	29.9		12	136	-6	4	183	89
<b>82106 SAO GABRIEL DA CACHOEIRA</b>	0008S	06705W	90				26.8		31.0		22	309		4	156	
82191 BELEM	0127S	04828W	10		1009.6	1010.2	26.9	.8	30.8		22	286	70	5	122	68
82212 FONTE BOA	0232S	06610W	56		1004.7	1012.8	26.8		28.5		18	282		5	134	
82246 BELTERRA	0238S	05457W	176		992.4	1012.2	26.8	1.5	28.8		6	80	-100	3	218	122
82280 SAO LUIZ	0232S	04418W	51		1005.5	1011.3	27.9	1.1	31.5		5	47	-44	3	238	116
82287 PARNAIBA	0305S	04147W	22		1005.3	1008.0	28.5	.9	29.7		3	11	-34	2	256	103
82397 FORTALEZA	0346S	03836W	26		1009.6	1012.7	28.0	.7	26.6		3	5	-44	1	278	108
<b>82410 BENJAMIN CONSTANT</b>	0423S	07002W	65				26.2		30.0		23	424		5	114	
<b>82425 COARI</b>	0405S	06308W	46		1005.9	1011.5	27.3		30.3		21	314		5	106	
82445 ITAITUBA	0416S	05559W	45		1007.8	1013.0	28.3	1.5	33.2		9	171	-28	2	196	162
82533 MANICORE	0549S	06118W	50		1005.2	1010.8	26.5		26.5		20	277		3	114	
82562 MARABA	0521S	04909W	95		999.7	1010.5	27.3	1.4	29.2		13	220	-30	3	128	108
<b>82571 BARRA DO CORDA</b>	0530S	04516W	153		993.4	1013.0	27.6	1.7	28.2		6	70	-65	2	173	117
82578 TERESINA	0505S	04249W	74		1002.2	1012.3	28.0	.0	28.5		11	126	0	3	226	112
<b>82586 QUIXERAMOBIM</b>	0512S	03918W	212		985.4	1009.0	28.6	1.7	22.1		2	7	-17	3	260	110
82598 NATAL	0546S	03512W	45		1008.1	1013.5	27.3		29.8		4	19		2	285	105
82678 FLORIANO	0646S	04301W	123		997.1	1012.6	28.4	2.1	26.6		8	138	-12	3	198	119
<b>82704 CRUZEIRO DO SUL</b>	0738S	07240W	170		986.4	1005.7	25.8		29.5		17	198		2	162	
82723 LABREA	0715S	06450W	60		1002.9	1011.0	26.4		30.6		20	338		4	93	
82765 CAROLINA	0720S	04728W	192		990.4	1014.4	26.6	1.2	29.2		12	144	-90	2	181	140
82784 BARBALHA	0719S	03918W	409		965.5	1011.8	28.3	2.0	20.3		4	42	-50	2	240	103

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
82791 PATOS	0701S	03716W	249		983.3	1010.7	29.4		20.5		4	27		4	289	105
82825 PORTO VELHO	0846S	06305W	95		1001.2	1007.5	26.0	.5	29.4		25	601	269	6	104	84
<b>82861 CONCEICAO DO ARAGUAIA</b>	0815S	04912W	160		991.4	1008.3	26.2	.9	28.8		16	306	36	4	138	108
82900 RECIFE (CURADO)	0803S	03455W	7		1012.6	1013.5	27.2	.9	27.4		7	33	-32	2	242	95
82915 RIO BRANCO	0958S	06748W	136		992.6	1010.8	25.8	.2	30.2		18	231	-32	2	98	85
82983 PETROLINA	0923S	04029W	370		970.7	1011.8	28.9	1.8	22.1		6	74	-9	4	242	102
<b>83064 PORTO NACIONAL</b>	1031S	04843W	250		984.2	1011.0	26.5	.7	28.0		23	216	-14	2	158	103
83096 ARACAJU	1055S	03703W	6		1012.5	1013.2	26.9	.5	28.2		2	42	-15	1	287	114
83186 JACOBINA	1111S	04028W	484		958.1	1010.9	26.8	1.9	21.0		5	145	29	4	199	94
<b>83229 SALVADOR</b>	1301S	03831W	51		1007.5	1013.3	27.1	1.1	28.1		4	23	-109	1	228	102
83235 TAGUATINGA	1216S	04626W	660		944.2	1010.6	25.9	1.9	25.5		19	240	-47	3	149	107
<b>83236 BARREIRAS</b>	1209S	04500W	440		961.2	1009.6	26.5	1.8	23.1		10	347	143	5	192	91
83242 LENCOIS	1234S	04123W	438		962.7	1011.5	25.6	1.2	21.0		8	150	-22	2	182	116
<b>83264 VERA (GLEBA CELESTE)</b>	1212S	05630W	415				26.3	1.5	28.0		19	288	-71	2	142	133
83332 POSSE	1406S	04622W	950		921.7	1011.5	25.0	1.6	22.6		17	222	-58	2	168	120
83361 CUIABA	1533S	05607W	179		992.8	1012.9	28.0	1.4	28.5		16	203	10	2		
83377 BRASILIA	1547S	04756W	1158		885.9	1010.5	22.4	.9	19.5		22	371	123	5	139	101
83423 GOIANIA	1641S	04917W	729		929.4	1010.6	25.4	1.9	23.9		21	273	15	3		
83437 MONTES CLAROS	1643S	04352W	646			1010.3	24.8	1.5	23.0		17	400	163	5	154	94
83492 TEOFILLO OTONI	1751S	04130W	356		971.8	1009.6	26.3	3.9	25.3		12	137	-48	2	164	107
<b>83498 CARAVELAS</b>	1744S	03915W	3		1012.7	1013.2	26.7	1.1	26.5		4	129	-9	3	168	88
83552 CORUMBA	1900S	05739W	130				30.0	2.8			5	25	-129	0		
83579 ARAXA	1934S	04656W	1004		907.0	1010.5	23.3	2.2	21.4		18	336	44	5	173	121
83587 BELO HORIZONTE	1950S	04356W	850		911.7	1010.6	23.6	1.4	21.5		19	395	76	4	160	97
83592 CARATINGA	1948S	04209W	609		944.3	1011.5	24.1	2.2	24.9		15	313	103	4	147	91
83618 TRES LAGOAS	2047S	05138W	313								6	123	-77	0	246	132
83648 VITORIA	2019S	04020W	36		1011.0	1012.5	26.8	1.4	27.6		10	212	17	3	130	
83676 CATANDUVA	2108S	04858W	536		948.8	1010.7	26.1	3.3	24.7		13	140	-81	1	120	71
83698 CAMPOS	2145S	04120W	11		1010.6	1012.0	27.1		27.7		16	187		5		
83702 PONTA PORA	2232S	05544W	650		936.9	1010.9	25.2	1.7	23.8		10	130	-61	2	216	104
83766 LONDRINA	2323S	05111W	566		948.0	1011.4	25.7	2.2	24.4		10	107	-125	1		
<b>83781 SAO PAULO</b>	2330S	04637W	792		923.6	1011.4	23.2	2.1	21.0		15	236	36	4	133	102
83836 IRATI	2528S	05038W	837		914.3	1010.2	21.4		18.5		13	115		2	165	
<b>83842 CURITIBA</b>	2526S	04916W	923		911.9	1013.7	21.0	1.7	20.7		14	159	9	3	154	103
<b>83881 IRAI</b>	2711S	05314W	247		982.7	1012.0	24.6	.9	23.9		16	284	141	5	148	58
83897 FLORIANOPOLIS	2735S	04834W	2		1011.9	1012.1	24.2	1.7	24.7		17	181	35	3	129	69
83967 PORTO ALEGRE	3001S	05113W	47		1007.6	1013.1	23.7	.5	23.0		10	137	36	4	169	69
83980 BAGE	3120S	05406W	217		984.4	1012.1	21.6	-1.1	20.8		10	414	309	6	189	74
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1011.3	1015.6	20.5	.0	20.2		11	202	119	5	189	72
<b>PERU</b>																
84370 TUMBES	0333S	08024W	27		1006.5	1009.4	26.3		25.6		2	17		5		
84377 IQUITOS	0345S	07315W	126		999.7	1010.3	26.3		28.1		15	357	75	4		
84401 PIURA	0511S	08036W	55		1007.9	1014.6	25.4		22.3		0	0	-1	4		
84425 YURIMAGUAS	0554S	07605W	184		994.8	1016.0	27.4		29.6		13	170	-36	2		
84452 CHICLAYO	0647S	07950W	34		1010.0	1013.0	23.4		20.7		1	1	0	5		
84455 TARAPOTO	0627S	07623W	282		981.2	1016.1	27.9		27.8		8	53	-33	2		
84501 TRUJILLO	0806S	07902W	30		1009.9	1013.9	21.6		19.6			4	3	6		
84515 PUCALLPA	0825S	07436W	149		993.9	1011.4	27.3		29.7		12	142		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.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
84628 LIMA-CALLAO/AEROP. INTERNACI	1200S	07707W	13		1011.5	1013.1	20.2		20.1		0	0	-1	3	122	
84686 CUZCO	1333S	07159W	3249		688.0		13.1		9.9		19	133	13	4		
84691 PISCO	1345S	07617W	7		1010.5	1011.2	21.0		19.7		0	0	0	5		
84735 JULIACA	1529S	07009W	3826		644.7		12.9		7.1		15	103	18	4		
84752 AREQUIPA	1619S	07133W	2539		753.2		16.8		7.5		1	2	-2	3		
84782 TACNA	1804S	07018W	469		963.6	1016.3	20.8		16.2		0	0	-1	5		
<b>BOLIVIA</b>																
85033 GUAYARAMERIN	1049S	06521W	130		994.2	1009.8	26.8		20.9		19	284		4		
85041 COBIJA	1102S	06847W	235		982.4	1014.8	26.4		20.9		17	272		4		
85043 RIBERALTA	1100S	06607W	141		993.6	1009.5	27.4		21.1		17	250		2		
85109 SAN RAMON	1318S	06442W	140		993.0	1008.8	27.7		22.3		13	209				
85114 MAGDALENA	1320S	06407W	141		992.7	1008.9	27.6		21.9		14	193		2		
85123 SANTA ANA	1346S	06526W	144		992.3	1008.5	28.1		21.4		13	174		2		
85141 RURRENABAQUE	1428S	06734W	204		989.9	1012.7	27.2		22.2		12	185		1		
85151 APOLO	1444S	06830W	1415		857.3		23.2		14.5		12	57		0		
85152 SAN BORJA	1452S	06652W	194		986.6	1009.1	27.6		20.8		6	160		1		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		992.9	1011.6	27.0		21.4		11	352		4		
85154 TRINIDAD	1449S	06455W	155		991.4	1009.3	27.4		21.9		15	233		2		
85175 ASCENSION DE GUARAYOS	1543S	06306W	247		981.8	1010.0	27.0		20.9		21	256		4		
85195 SAN JAVIER	1616S	06228W	534		950.8	1011.3	25.4		19.7		18	263		4		
85196 CONCEPCION	1609S	06201W	497		954.2	1010.4	26.4		20.4		20	155		3		
85201 LA PAZ/ALTO	1631S	06811W	4038		629.8				5.2		12	87		2		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		963.7	1010.4	26.6		20.2		7	143		3		
85210 SAN MATIAS	1620S	05823W	124		997.1	1010.9	28.9		21.0		9	249				
85223 COCHABAMBA	1725S	06611W	2548		748.3		21.1		8.9		5	15		0		
85230 CHARANA	1735S	06936W	4054		627.1		10.3		3.9		7	28		2		
85242 URURO	1758S	06704W	3072		654.3		12.9		4.6		3	38		3		
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		960.7	1007.9	26.0		19.2		15	144		3		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		978.2	1010.4	28.1		20.9		12	159		5		
85264 VALLEGRANDE	1828S	06406W	1998		774.0		19.0		12.1		6	57				
85268 ROBORE	1819S	05946W	276		978.6	1010.3	29.6		20.3		7	107		2		
85283 SUCRE	1901S	06518W	2904		719.4		16.9		8.6		6	54		1		
85289 PUERTO SUAREZ	1859S	05749W	134		991.5	1006.8	30.2		20.1		4	42		1		
85293 POTOSI	1933S	06544W	3935		636.7		11.4		4.0		3	28				
85315 CAMIRI	2000S	06332W	798		920.1	1008.2	25.3		16.3		10	79		1		
85345 VILLAMONTES	2115S	06327W	398		960.6	1010.7					6	14				
85364 TARIJA	2133S	06442W	1854		811.2		21.9		12.3		4	70		1		
85365 YACUIBA	2157S	06339W	645		937.6	1009.5	25.1		18.0		13	108		2		
<b>CHILE</b>																
85406 ARICA	1821S	07020W	55		1010.0	1014.3	20.9	.3	16.2	-1.0	0	0	0	5	255	105
85418 IQUIQUE	2032S	07011W	48		1008.9	1014.6	20.0	.0	14.6	-2.0	0	0	0	5	322	120
85442 ANTOFAGASTA	2326S	07027W	140		998.2	1015.0	18.4	-3	14.9	-1.1	0	0	0	5	338	105
85469 ISLA DE PASCUA	2710S	10926W	69		1013.3	1021.4	21.9		18.2		9	44		2	282	115
85470 COPIAPO	2718S	07025W	290		979.2	1012.8	17.9	-4	14.0	-.7	0	0	0	5	293	100
85488 LA SERENA	2955S	07112W	146		999.6	1015.4	15.7	-4	13.7	-.9	0	0	0	4	250	105
85574 PUDAHUEL	3323S	07047W	474		959.5	1013.7	18.7		11.7		1	3		5	335	95
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		954.4	1013.3	19.6		12.9		1	1		4	315	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.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
85585 ISLA JUAN FERNANDEZ	3337S	07849W	30		1015.3	1018.9	16.0		13.9		9	62		5	168	
85629 CURICO	3458S	07113W	220		987.9	1013.8	19.3		13.8		1	8		4	320	100
85672 CHILLAN	3635S	07202W	148		997.9	1012.5	17.2	-.5	13.1	-.5	1	10	-18	3	314	90
85682 CONCEPCION	3646S	07304W	13		1015.7	1016.8	15.4	-.1	13.0	.0	1	15	-13	3	300	90
85743 TEMUCO	3846S	07238W	93		1005.9	1017.0	14.4	-.3	12.4	-.1	7	80	28	4	219	85
85766 VALDIVIA	3938S	07305W	19								8	120	57	4	240	85
85782 OSORNO	4036S	07303W	58								8	46	-14	3		
85799 PUERTO MONTT	4126S	07306W	90		1005.9	1016.8	13.2	-.2	12.1	.0	11	93	-10	3	232	120
85864 COYHAIQUE	4536S	07206W	311		974.2	1010.7	12.7	.1	9.8	.3	10	81	6	3	256	
85874 BALMACEDA	4555S	07142W	522		950.0	1009.6	11.0	.1	8.3	.2	5	34	3	3		
85934 PUNTA ARENAS	5300S	07051W	43		994.6	1000.5	10.7	1.0	8.1	-.1	8	29	1	3	226	105
<b>URUGUAY</b>																
86330 ARTIGAS	3023S	05630W	120		996.5	1010.4	23.2	-.8	21.2	1.6	9	288	168	5	234	82
86350 RIVERA	3053S	05532W	241		983.6	1011.2	22.3		20.5		10	269		5	205	70
86430 PAYSANDU	3220S	05802W	61		1005.7	1013.0	21.9		18.4		7	0171		0	232	75
86440 MELO	3222S	05413W	100		999.4	1011.4	21.4	-.3	19.8	2.4	15	260	177	6	217	75
86460 PASO DE LOS TOROS	3248S	05631W	75		1002.5	1011.3	21.8	-1.2	19.2	.9	11	217	120	5	224	78
86490 MERCEDES	3315S	05804W	17		1009.8	1011.9	21.1	-1.7	19.0	2.4	9	0171	0067	4	220	79
86500 TREINTA Y TRES	3313S	05423W	46		1006.7	1012.2	21.1	-.4	19.5	2.4	16	289	194	5	200	74
86560 COLONIA	3427S	05750W	23		1008.9	1012.0	22.5	.2	18.7	.2	7	216	129	5	235	87
86565 ROCHA	3429S	05418W	18		1010.6	1012.8	20.1	-.1	18.8	.3	13	148	86	5	185	69
<b>ARGENTINA</b>																
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3459		672.2	3105 Z	15.0	2.8	7.6	-.9	3	17	-60	1	284	
87016 ORAN AERO	2309S	06419W	357		966.9	1006.9	24.6	-1.3	25.2	.7	13	277	123	5	123	69
87022 TARTAGAL AERO	2239S	06349W	450		956.8	1006.7	24.8		24.1		8	171				
87046 JUJUY AERO	2423S	06505W	905		908.9	1485 Y	23.0		19.9		12	201		5	186	85
87047 SALTA AERO	2451S	06529W	1221		877.2	1494 Y	20.8	-.4	18.5	.6	9	107	-31	4	179	109
87121 TUCUMAN AERO	2651S	06506W	450		958.6	1008.9	23.4		22.1		14	224			187	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		986.8	1009.3	24.8	-1.7	22.2	1.6	11	147	51	1	176	
87155 RESISTENCIA AERO.	2727S	05903W	52		1003.3	1009.2	25.6		24.8		10	303		5	197	90
87162 FORMOSA AERO	2612S	05814W	60		992.4	1007.3	26.7	.2	26.3	2.7	8	233	87	4	242	86
87163 B.DE IRIGOYEN AERO	2615S	05309W	815		920.7	1506 Y	21.2		21.7		11	238			220	
87166 CORRIENTES AERO.	2727S	05846W	62		1002.8	1009.9	25.6	-.3	25.2	3.1	9	208	87	5	256	88
87178 POSADAS AERO.	2722S	05558W	125		995.2	1009.3	26.1	.4	23.6	1.6	8	356	206	5	156	70
87213 CHILECITO AERO	2914S	06726W	945			1502 Y	23.5		15.1		5	88			271	
87217 LA RIOJA AERO.	2923S	06649W	429		959.5	1007.6	24.7	-2.5	21.7	2.7	9	218	162	5	208	
87222 CATAMARCA AERO.	2836S	06546W	454		955.3	1005.6	25.6		19.5		10	112		4	205	85
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		970.9	1009.6			20.8	1.1	7	160	34	5		
87257 CERES AERO	2953S	06157W	88		1000.3	1010.4	22.5	-2.1	23.3	2.9	7	232	105	5	235	86
87270 RECONQUISTA AERO	2911S	05942W	53		1004.3	1010.4	24.6	-.3	23.0	.7	8	238	102	5	218	79
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1002.4	1010.4	23.8	-1.1	22.6	2.7	9	264	147	5	193	95
87311 SAN JUAN AERO	3134S	06852W	598		942.0		25.0		14.2		4			4	299	90
87320 CHAMICAL AERO	3022S	06617W	461		956.9	1008.3	24.2	-1.7	19.2	2.4	8	115	37	4	249	
87328 VILLA DOLORES AERO	3157S	06508W	569		977.0		25.0	.6	18.3	2.3	10	58	-60	1	299	110
87344 CORDOBA AERO	3119S	06413W	474		957.6	1010.9	22.9	.2	18.7	.9	9	106	-42	1	239	106
87349 PILAR OBSERVATORIO	3140S	06353W	338		973.0	1011.4	22.1	-.5	18.8	1.3	10	84	-59	1	228	85
87374 PARANA AERO	3147S	06029W	78		1002.7	1011.7	22.5	-1.0	19.5	.9	5	252	140	5	206	76

# SURFACE

## DECEMBER 2002

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	hr		
87393 MONTE CASEROS AERO	3016S	05739W	54		1004.7	1010.9	23.9	- .8	22.6	2.8	8	292	163	5	236	82
87395 CONCORDIA AERO	3118S	05801W	38			1015.2	23.6	- .5	21.0	2.1	10	293	178	5	169	
<b>87418 MENDOZA AERO</b>	3250S	06847W	704		930.7	1008.1	23.1	-1.3	14.7	.9	8	36	12	4	300	105
87436 SAN LUIS AERO	3316S	06621W	713			1010.4	22.4	-1.2	15.4	1.3	13	182	81	5	310	98
87448 VILLA REYNOLDS AERO	3344S	06523W	486			1010.8	20.9	-1.5	17.5	1.4	16	165	53	1		
87453 RIO CUARTO AERO	3307S	06414W	420		963.1		21.4	- .7	16.7	.6	9	125	-18	3	149	
87467 MARCOS JUAREZ AERO	3242S	06209W	114		991.4	1011.7					8	0103	-027	4	244	100
87480 ROSARIO AERO	3255S	06047W	25		1008.6	1011.5	22.5	- .5			8	168	48	5	251	
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1009.7	1012.2	22.3	- .9	18.5	.8	8	165	67	4	225	90
87506 MALARGUE AERO	3530S	06935W	1425		857.1	1496 Y	17.8	- .6	9.3	- .1	6	74	48	5	318	
87509 SAN RAFAEL AERO	3435S	06824W	748		927.3	1010.1	21.1	-1.2	13.8	.6	11	60	16	4	247	
87532 GENERAL PICO AERO	3542S	06345W	145			1011.3	21.8	-1.1	16.7	1.1	8	0096	-005	3	158	
<b>87534 LABOULAYE</b>	3408S	06322W	137		996.2	1012.0	21.2	-1.5	18.1	1.4	8	150	42	5	242	87
87544 PEHUAJO AERO	3552S	06154W	87		1002.9	1013.3	22.2	.6			5	153	53	5	284	
87548 JUNIN AERO	3433S	06057W	81			1012.4	21.2	- .6	16.7	- .1	8	170	70	4	253	92
87550 NUEVE DE JULIO	3527S	06053W	76		1003.5	1012.4	21.5	- .9	16.8	- .9	6	118	8	4		
87563 LAS FLORES AERO	3604S	05906W	38		1009.0	1013.2	21.0		20.8		6	110		4	288	
87576 EZEIZA AERO	3449S	05832W	20		1010.8	1013.1	21.9	.0	17.2	.2	7	124	31	4	212	107
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1012.3	1013.0	22.6	- .2	18.1	- .7	7	170	74	5	239	99
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1010.2	1013.1	22.7	- .3	17.8	.2	8	203	98	5	234	88
87593 LA PLATA AERO	3458S	05754W	19		1010.5		20.5	- .6	19.0	1.3	8	81	- 3	3	255	107
87596 PUNTA INDIO B.A.	3522S	05717W	22		1011.1	1013.8	22.2	1.0	19.0	.6	5	53	-28	2	242	90
87623 SANTA ROSA AERO	3634S	06416W	191		989.9	1012.0	21.3	-1.1	16.1	.8	8	126	33	4	266	88
87641 AZUL AERO	3650S	05953W	147		996.7	1013.8	19.6		16.2		3	79		3	249	100
87648 DOLORES AERO	3621S	05744W	9		1013.0	1013.9	20.6	.4	17.8	.4	4	60		2	180	73
87679 FIGUE AERO	3736S	06223W	304		977.2	1012.0	21.2	1.5	14.5	.7	6	128	38	4		
87688 TRES ARROYOS	3820S	06015W	115		999.6	1013.0	20.4		14.0		4	0040		1	289	100
<b>87692 MAR DEL PLATA AERO</b>	3756S	05735W	21		1011.9	1014.3	19.5	1.0	16.0	- .1	4	57	-47	1	177	
<b>87715 NEUQUEN AERO</b>	3857S	06808W	271		988.1	1011.1	22.2	.0	10.0	.8	3	18	5	4	250	90
87736 RIO COLORADO	3901S	06405W	79		1003.0	1011.1	24.1		13.9		3	16			308	
<b>87750 BAHIA BLANCA AERO</b>	3844S	06210W	83		1002.7	1012.3	22.0	.6	14.8	1.9	4	54	-16	3	299	
87765 BARILLOCHE AERO	4109S	07110W	840		918.9	1490 Y	13.2	.3	7.9	- .9	3	18	-14	3	285	85
87774 MAQUINCHAO	4115S	06844W	888		911.6	1476 Y	18.2	1.9	9.9	2.8	1	3	-11	2		
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1008.0	1010.4	22.5	1.4	11.3	.2	3	32	13	1	287	101
87791 VIEDMA AERO	4051S	06301W	7		1010.3	1011.1	21.7		11.6		2	12		2	364	125
87800 EL BOLSON AERO	4158S	07131W	337		973.0	1012.3	18.7		10.9		4	41			254	
<b>87803 ESQUEL AERO</b>	4256S	07109W	785		920.6	1011.0	13.6	.4	7.2	- .1	2	16	-9	2	331	70
87823 P. MADRYN AERO	4244S	06504W	136		993.2	1009.1	19.9		11.2		3	48			305	
<b>87828 TRELEW AERO</b>	4312S	06516W	43		1004.8	1009.8	20.3	.8	9.0		2	9	-5	3	286	97
87852 PERITO MORENO AERO	4631S	07101W	429		956.8	1006.7	14.7			.0	1	40			243	
<b>87860 COMODORO RIVADAVIA AERO</b>	4547S	06730W	46		1002.3	1007.7	18.9	1.0	6.7	-1.1	01	1	-14	1	245	104
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		961.5	1003.0	15.2		7.0		01	1			262	
87896 PUERTO DESEADO AERO	4744S	06555W	80		995.9	1005.4	15.6	1.2	9.0	- .1	1	8	-6	2	211	
87909 SAN JULIAN AERO	4919S	06745W	62		997.1	1004.5	15.6		8.9		1	10		3	305	
<b>87925 RIO GALLEGOS AERO</b>	5137S	06917W	19		999.7	1002.0	13.5	.8	7.8	.1	4	14	-10	2	253	
87938 USHUAIA AERO	5448S	06819W	14		982.5	996.6	10.1	1.0	8.1	- .4	7	41	-1	1	173	

**ANTARCTICA**

# SURFACE

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
<b>ARGENTINA (ANTARCTIC)</b>																
88963	BASE ESPERANZA	6324S	05659W	13	981.3	986.4	1.4	1.0	5.6		9	29	-30	1	188	
88968	BASE ORCADAS	6045S	04443W	4	993.2	994.7	.3	.2	5.4		7	25	-21	2	54	95
89053	BASE JUBANY	6214S	05838W	4	989.5	991.3	1.5				14	53			24	
89055	BASE MARAMBIO (CENTRO MET. A	6414S	05643W	198	964.2	988.5	- .8		5.0		1	18			211	
89066	BASE SAN MARTIN	6808S	06708W	4	985.0	985.9	2.4		5.3		5	68			121	
<b>UNITED KINGDOM (ANTARCTIC)</b>																
89022	HALLEY	7530S	02639W	30	982.4	986.1	-6.4		3.1						403	140
89062	ROTHERA POINT	6734S	06808W	16	981.5	985.5	1.1		5.1						137	60
<b>UKRAINE (ANTARCTIC)</b>																
89063	VERNADSKY	6515S	06416W	11	986.6	987.9	.5		5.8		12	71		6	67	45
<b>USSR (ANTARCTIC)</b>																
89050	BELLINGSHAUSEN	6212S	05856W	16	988.8	990.7	.3		5.7		11	37			48	
89512	NOVOLAZAREVSKAJA	7046S	01150E	0	967.4	981.9	-2.2		3.0		2	5			35	
89592	MIRNYJ	6633S	09301E	30	976.9	982.4	-4.0		3.5		8	59				
<b>GERMANY (ANTARCTIC)</b>																
89002	NEUMAYER	7040S	00815W	50	980.2	985.4	-5.4		3.6						283	110
<b>URUGUAY (ANTARCTIC)</b>																
89054	DINAMET-URUGUAY	6211S	05851W	17	987.9	989.7	.8		5.7		10	35			48	
<b>CHILE (ANTARCTIC)</b>																
89056	CENTRO MET. ANTARTICO ' ' PDTE. ED	6211S	05859W	48	985.3	990.7	.3		5.8	.4	7	23		3	24	25
89057	BASE ARTURO PRAT	6230S	05941W	5	990.3	990.9	.4	-.2	5.8	.4	9	70		9	4	38
89059	BASE BERNARDO O'HIGGINS	6319S	05641W	10	988.0	990.0	.2	.1	5.6	.6	7	15	-23	2	44	
<b>JAPAN (ANTARCTIC)</b>																
89532	SYOWA	6900S	03935E	21	980.5	983.0	-2.0	-.5	3.6	.0					451	
<b>AUSTRALIA (ANTARCTIC)</b>																
89564	MAWSON	6736S	06252E	16	980.4	982.4			2.6						285	106
89571	DAVIS	6834S	07757E	13	979.0	981.9	-.6		3.4		01	1	-1	3	278	100
<b>USSR (ANTARCTIC)</b>																
89606	VOSTOK	7827S	10652E	3490			-34.1		.2		0	0				
<b>AUSTRALIA (ANTARCTIC)</b>																
89611	CASEY	6617S	11031E	42	978.0	983.2	-2.1		4.3		5	17			178	80
<b>FRANCE (ANTARCTIC)</b>																
89642	DUMONT D'URVILLE	6640S	14001E	43	977.9	983.2	-1.9		3.2						331	95
<b>SW PACIFIC</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>MALAYSIA (PENIN. MALAYSIA)</b>																
48601 PENANG/BAYAN LEPAS	0518N	10016E	4		1010.2	1010.5	28.1	1.4	30.1	2.4	20	239	126	5		
48615 KOTA BHARU	0610N	10217E	5		1010.8	1011.4	27.4	1.8	31.3	3.4	22	611	40	3		
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22		1007.8	1010.3	27.6	1.6	30.4	1.9	19	299	69	4		
48657 Kuantan	0337N	10313E	16		1009.3	1011.0	26.5	1.9	31.3	3.6	22	644	81	4		
48665 MALACCA	0216N	10215E	9		1009.4	1010.4	27.3	1.3	30.1	1.9	14	138	15	3		
<b>SINGAPORE</b>																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1008.8	1010.6	27.2	1.5	31.8	3.1	19	255	-49	2	149	112
<b>USA (PACIFIC OCEAN NORTH)</b>																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1018.4	23.1	.4	21.3		11	27	-103	1		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1018.0	24.1	.7	20.6		01	1	-95	0		
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1018.4	22.8	.4	20.5		18	266	-39	3		
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1009.2	28.0	.4	31.0		14	258	-35	3		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1010.1	27.5	.2	29.9		17	212	-174	1		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1010.4	28.1	.5	29.6		14	162	-43	6		
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3			1009.7	27.7	.6	30.1		18	447	146	5		
91408 KOROR, PALAU IS.	0720N	13429E	33			1010.7	28.1	.4	30.4		17	157	-147	0		
91413 YAP, CAROLINE IS.	0929N	13805E	16			1010.8	27.8	.7	31.1		13	130	-98	1		
<b>NEW CALEDONIA</b>																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1009.9	1011.9	25.8	.7	24.6		4	38	-63	2	249	98
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1004.1	1012.4	25.1	.5	23.3		7	71	-1	4	273	105
<b>FIJI</b>																
91650 ROTUMA	1230S	17703E	26			1007.8	27.9		31.3		22	267		3		
91680 NANDI	1745S	17727E	25			1008.9	27.1	.4	27.0		9	26	-133	1	226	100
91683 NAUSORI	1803S	17834E	7			1009.8	26.0		28.6		19	218		3		
91699 ONO-I-LAU	2040S	17843W	28			1009.1	24.5		26.8		3	9		1		
<b>SAMOA (USA)</b>																
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3			1008.1	29.2		31.1		18	201		1		
<b>FRENCH POLY. (MARQUESAS)</b>																
91925 ATUONA	0948S	13902W	52		1005.1	1010.9	27.1		25.9		3	7	-90	0	262	107
<b>FRENCH POLY. (SOCIETY IS)</b>																
91929 BORA-BORA	1626S	15145W	3		1009.8	1010.2	27.7		30.2		19	446		5	141	
91938 TAHITI-FAAA	1733S	14937W	2		1010.2	1010.5	27.6		29.0		14	364	47	4	189	96
<b>FRENCH POLY. (TUAMOTU IS)</b>																
91943 TAKAROA	1429S	14502W	3		1010.8	1011.1	27.9		29.1		16	287	100	5	198	90
91945 HEREHERETUE	1952S	14500W	3		1012.0	1012.4	26.2		28.9		20	291		4	137	70
91948 RIKITEA	2308S	13458W	89		1004.3	1014.4	24.1		26.0		13	246	43	4	143	72
<b>FRENCH POLY. (AUSTRAL IS)</b>																
91954 TUBUAI	2321S	14929W	3		1013.6	1013.8	24.1		23.7		14	189	2	3	196	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	°C	°C	mb	mb		mm	mm		hr	
91958 RAPA	2737S	14420W	2		1016.3	1016.6	21.3		20.6		15	230		4	110	75
<b>PAPUA NEW GUINEA</b>																
92035 PORT MORESBY W.O.	0923S	14713E	58						26.3		4	27		2	234	105
<b>NEW ZEALAND</b>																
93012 KAITAIA	3506S	17316E	54				17.3		16.5		9	79	-5	2	227	95
93292 GISBORNE AERODROME AWS	3839S	17759E	5			1013.9	17.7	.0	13.7		5	54	-16	4		
93309 NEW PLYMOUTH AWS	3901S	17411E	32			1015.0	16.1		15.5							
93417 PARAPARAUMU AERODROME	4054S	17459E	12			1012.9	15.8	-.2	14.7							
93615 HOKITIKA AERODROME AWS	4243S	17059E	40			1013.4	13.9		13.2							
93678 KAIKOURA	4225S	17342E	101			1010.7	15.5		12.0							
93780 CHRISTCHURCH	4329S	17233E	30			1010.3	15.2		11.5						275	125
93844 INVERCARGILL AERODROME	4625S	16819E	4			1008.9	12.6	-.4	11.2		11	112	15	4	194	105
93947 CAMPBELL ISLAND AWS	5233S	16909E	19			1000.0	9.2		9.5		25	215		6		
93987 CHATHAM ISLANDS AWS	4357S	17634W	49			1012.7	14.0		13.3							
93994 RAOUL ISLAND KERMADEC IS.	2915S	17755W	49			1016.1	21.0		19.5		4	18		0		
<b>AUSTRALIA</b>																
94120 DARWIN AIRPORT	1225S	13053E	31		1005.2	1009.1	29.8		29.8		10	97	-136	1	276	124
94150 GOVE AIRPORT	1217S	13649E	54		1003.3	1009.3			28.4		01	1		0	299	120
94203 BROOME AIRPORT	1757S	12214E	7		1008.0	1009.0	30.6		30.3		3	9	-38	2	319	
94212 HALLS CREEK AMO	1814S	12740E	424		961.9	1008.3	30.5		20.4		11	168	95	5		
94238 TENNANT CREEK MET OFFICE	1938S	13411E	375		967.0	1008.4	32.6		10.6		2	11	-49	1	330	108
94287 CAIRNS AERO	1653S	14545E	3		1010.4	1011.3	27.4		26.6		10	78	-112	2	256	108
94294 TOWNSVILLE AERO	1915S	14645E	9		1010.6	1011.6	28.3		25.4		2	25	-122	1	332	121
94299 WILLIS ISLAND	1618S	14959E	6		1010.3	1011.3	27.8		26.7		3	11	-92	1		
94312 PORT HEDLAND AIRPORT	2022S	11838E	9		1007.8	1008.7	30.2		27.2		0	0	-16	1		
94326 ALICE SPRINGS AERO	2348S	13353E	546		950.1	1010.3	28.1		10.2						308	97
94332 MT ISA AERO	2041S	13929E	340		971.2	1008.9	31.2		9.1		1	7	-55	1	335	113
94346 LONGREACH AIRPORT	2326S	14417E	192		988.3	1009.8	30.5		10.1		2	20	-28	2		
94367 MACKAY MO	2107S	14913E	30		1008.9	1012.5	26.5		24.3		3	28	-169	1	310	105
94374 ROCKHAMPTON AERO	2323S	15029E	14		1011.5	1013.2	26.7		19.6		3	44	-81	1		
94403 GERALDTON AIRPORT	2848S	11442E	33		1009.4	1013.5	22.8		16.0		0	0	-4	1		
94430 MEEKATHARRA AIRPORT	2637S	11833E	517		952.6	1009.6	29.7		10.5		4	33	22	5		
94461 GILES	2502S	12817E	598		944.2	1009.8	30.1		8.9		2	4	-25	1	219	71
94610 PERTH AIRPORT	3156S	11559E	31		1012.6	1014.9	23.8		13.2		1	2	-7	2	353	
94647 EUCLA	3141S	12853E	102		1004.2	1016.2	18.7		15.2		5	59		5		
94653 CEDUNA AIRPORT	3208S	13342E	16		1013.7	1015.5	20.6		12.5		2	11	-5	3	308	102
94693 MILDURA AIRPORT	3414S	14205E	52		1008.0	1014.2	23.9		8.7		1	66	44	5	327	95
94711 COBAR	3129S	14550E	264		982.7	1012.6	26.5		7.7		4	8	-29	2	326	96
94767 SYDNEY AIRPORT	3356S	15110E	5		1014.5	1015.1	21.7		16.8		8	92	12	4	248	96
94776 WILLIAMTOWN AERODROME	3248S	15150E	8		1013.7	1014.7	21.7		16.4		8	168	86	5	241	101
94791 COFFS HARBOUR MO	3019S	15307E	5		1013.8	1014.6	22.0		18.9		12	103	-40	3	266	107
94802 ALBANY AIRPORT	3456S	11748E	69		1009.8	1018.0	17.6		14.0		5	12	-11	2	238	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1007.8	1016.0	16.0		12.2		5	35	-2	4	251	101
94866 MELBOURNE AIRPORT	3740S	14451E	132		1001.1	1015.0	17.7		11.9		2	8	-39	1	229	
94907 EAST SALE AIRPORT	3806S	14708E	8		1013.9	1014.9	17.0		13.1		5	25	-32	1	254	105
94910 WAGGA AIRPORT	3510S	14727E	213		988.3	1013.0	23.2		9.1		3	8	-40	1	332	100

# SURFACE

## DECEMBER 2002

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	
94926 GANBERRA AMO	3518S	14912E	580		948.0	1013.9	19.2		11.0		3	17	-35	1	299	102
94968 LAUNCESTON AIRPORT	4132S	14712E	178		992.2	1013.3	15.7		11.0		3	17	-34	1	315	117
94975 HOBART AIRPORT	4250S	14729E	27		1009.0	1012.2	16.4		10.8		3	11	-44	1	278	120
<b>AUSTRALIA (ADDITIONAL IS.)</b>																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1014.6	1015.4	21.6		18.4		8	64	-40	2		
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1003.1	1016.0	20.0		17.9		9	131	43	5	225	93
94998 MACQUARIE ISLAND	5429S	15856E	6		995.2	996.2	6.5		8.7		21	102	29	5	119	113
<b>INDONESIA (SUMATRA)</b>																
96073 SIBOLGA/PINANGSORI	0133N	09853E	3			1009.8	26.3		27.8		22	402		3	152	105
96109 PAKANBARU/SIMPANGTIGA	0028N	10127E	31			1011.1	27.6		33.9		25	554		4	147	
96163 PADANG/TABING	0053S	10021E	3			1010.9	26.6		35.8		28	472			111	55
96237 PANGKALPINANG/PANGKALPINANG	0210S	10608E	33			1010.5	26.6		29.7		16	112			115	105
<b>BRUNEI DARUSSALAM</b>																
96315 BRUNEI AIRPORT	0456N	11456E	15		1008.4	1010.3	28.2		31.3	1.2	12	234	-109	4	265	126
<b>MALAYSIA (SABAH &amp; SARAWAK)</b>																
96413 KUCHING	0129N	11020E	27		1008.6	1011.1	26.5		29.4		20	194		0		
96421 SIBU	0220N	11150E	8		1007.5	1011.1	26.5		29.8		16	300		3	154	100
96441 BINTULU	0312N	11302E	5		1010.3	1010.8	27.2	1.0	29.6		13	263	-187	1	172	105
96449 MIRI	0420N	11359E	18		1008.4	1010.3	27.7	1.5	31.7		10	208	-132	1		
96465 LABUAN	0518N	11515E	30		1006.9	1010.2	28.5		30.2	.0	8	250		2	284	130
96471 KOTA KINABALU	0556N	11603E	3		1010.1	1010.4	27.6		29.6		8	85		1		
96481 TAWAU	0416N	11753E	20		1008.4	1010.3	26.7		29.0		10	135	0	4	250	125
96491 SANDAKAN	0554N	11804E	13		1009.8	1011.0	28.0	1.5	33.4		17	160		0	223	140
<b>INDONESIA (JAWA)</b>																
96749 JAKARTA/SOEKARNO- HATTA	0607S	10639E	8			1010.4	28.0		28.8		9	21				
96805 CILACAP	0744S	10901E	6			1010.4	27.7		31.0		18	415			141	90
<b>AUSTRALIA (OCEAN ISLANDS)</b>																
96996 COCOS ISLAND AERO	1211S	09649E	3		1011.8	1012.3	27.1		27.0		5	95	-21	3		

# SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
OVERDUE JULY 2002	°	°	m		mb	mb	° C	° C	mb	mb		mm	mm		hr	
<b>S AMERICA</b>																
<b>BRAZIL</b>																
83229 SALVADOR	1301S	03831W	51		1012.5	1018.5	24.0		25.8		20	255		5		
AUGUST 2002																
<b>S AMERICA</b>																
<b>BRAZIL</b>																
82024 BOA VISTA	0249N	06039W	90		1003.9	1013.8	28.6		28.7		17	183		3		
82098 MACAPA	0002N	05103W	15		1011.4	1013.0	27.9		31.2		10	60		2		
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90		1000.2	1010.0	26.0		29.7		22	356		6		
82191 BELEM	0127S	04828W	10		1011.1	1011.7	27.1		29.5		10	76		2		
82212 FONTE BOA	0232S	06610W	56		1006.4	1012.9	25.3		27.7		17	180		4		
82246 BELTERRA	0238S	05457W	176		993.4	1013.1	26.0		29.7		5	17		1		
82280 SAO LUIZ	0232S	04418W	51		1007.0	1012.8	26.8		29.8		2	5		2		
82287 PARNAIBA	0305S	04147W	22		1007.5	1010.2	26.8		25.6		0	0		3		
82397 FORTALEZA	0346S	03836W	26		1012.0	1015.1	26.3		26.6		1	14		2		
82410 BENJAMIN CONSTANT	0423S	07002W	65				26.4		29.2		14	61		1		
82425 COARI	0405S	06308W	46		1007.6	1013.3	27.5				12	75		3		
82445 ITAITUBA	0416S	05559W	45		1008.9	1014.1	28.1		33.2		7	50		3		
82533 MANICORE	0549S	06118W	50		1006.2	1011.7	27.0		28.9		10	48		3		
82562 MARABA	0521S	04909W	95		1000.6	1011.2	28.6		25.1		0	0		1		
82571 BARRA DO CORDA	0530S	04516W	153		995.3	1014.9	26.9		24.4		1	3		3		
82578 TERESINA	0505S	04249W	74			1004.8	28.1		21.3		1	4		3		
82586 QUIXERAMOBIM	0512S	03918W	212		988.0	1010.7	27.5		19.4		0	T				
82598 NATAL	0546S	03512W	45		1010.6	1015.8	25.1		27.3		18	129		4		
82678 FLORIANO	0646S	04301W	123		999.7	1015.3	29.2		26.2		0	0		4		
82704 CRUZEIRO DO SUL	0738S	07240W	170		988.8	1007.9	26.1		29.2		6	39		1		
82723 LABREA	0715S	06450W	60		1004.5	1012.7	26.5		29.5		9	76		3		
82765 CAROLINA	0720S	04728W	192		991.4	1015.2	29.1		21.6		0	0		2		
82784 BARBALHA	0719S	03918W	409		968.9	1015.7	25.6		17.0		0	T				
82791 PATOS	0701S	03716W	249		986.5	1014.4	26.9		17.5		0	T				
82825 PORTO VELHO	0846S	06305W	95		1001.8	1006.3	26.4		27.6		7	61		3		
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160		991.6	1008.3	28.8				0	0		1		
82900 RECIFE (CURADO)	0803S	03455W	7		1016.3	1017.2	24.4		24.1		22	121		2		
82915 RIO BRANCO	0958S	06748W	136		994.5	1012.8	25.5		27.1		6	125		5		

# SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°	° C	mb	mb		mm	mm		hr	
83064 PORTO NACIONAL	1031S	04843W	250		985.3	1012.0			18.1		0	0		2		
83096 ARACAJU	1055S	03703W	6		1017.3	1018.1	24.9		23.9		15	59		1		
83186 JACOBINA	1111S	04028W	484		963.0	1017.2	22.0		18.2		14	54		5		
83229 SALVADOR	1301S	03831W	51		1013.0	1019.0	24.0		24.5		20	163		4		
83235 TAGUATINGA	1216S	04626W	660		946.9	1013.5	26.5		14.4		0	0		3		
83236 BARREIRAS	1209S	04500W	440		964.5	1013.5	24.8		21.8		0	0		4		
83242 LENCOIS	1234S	04123W	438		968.2	1018.0	22.3		17.8		10	34		3		
83264 VERA (GLEBA CELESTE)	1212S	05630W	415				25.7		19.1		0	0		3		
83288 BOM JESUS DA LAPA	1316S	04325W	440		965.2	1016.4	25.7		16.9		0	0		3		
83332 POSSE	1406S	04622W	950		924.5	1014.7	24.5		13.6		0	0		3		
83344 VITORIA DA CONQUISTA	1457S	04053W	893		921.5	1019.2	17.6		17.2		12	21		4		
83361 CUIABA	1533S	05607W	179		995.3	1015.6	26.8		21.3		2	26		4		
83377 BRASILIA	1547S	04756W	1158		889.7	1014.9	21.6		11.5		1	18		4		
83423 GOIANIA	1641S	04917W	729		932.8	1014.2	25.5		15.3		1	6		3		
83437 MONTES CLAROS	1643S	04352W	646		944.5	1016.4	22.8		13.3		0	T				
83492 TEOFILLO OTONI	1751S	04130W	356		978.9	1017.6	22.0		19.3		8	70		5		
83552 CORUMBA	1900S	05739W	130				26.4				3	20		3		
83579 ARAXA	1934S	04656W	1004		904.5	1016.7	21.2		13.4		1	2		3		
83587 BELO HORIZONTE	1950S	04356W	850		918.5	1017.5	21.7		14.0		1	2		3		
83592 CARATINGA	1948S	04209W	609		950.7	1019.4	21.0		17.3		0	T				
83618 TRES LAGOAS	2047S	05138W	313				24.6				3	81		4		
83648 VITORIA	2019S	04020W	36		1016.2	1020.5	23.9		22.8		10	65		4		
83676 CATANDUVA	2108S	04858W	536		954.5	1017.2	24.0		17.2		4	44		4		
83698 CAMPOS	2145S	04120W	11		1017.9	1019.3	24.0		22.7		4	24		3		
83702 PONTA PORA	2232S	05544W	650		940.2	1016.6	20.9		14.7		5	22		1		
83766 LONDRINA	2323S	05111W	566		952.8	1017.9	18.0		17.9		5	85		4		
83781 SAO PAULO	2330S	04637W	792		928.8	1017.7	20.3		17.1		5	47		4		
83836 IRATI	2528S	05038W	837		918.5	1016.0	15.9		14.9		10	127		4		
83842 CURITIBA	2526S	04916W	923		915.7	1019.0	16.6		15.3		7	105		4		
83881 IRAI	2711S	05314W	247		987.7	1018.0	18.3		16.7		13	145		3		
83897 FLORIANOPOLIS	2735S	04834W	2		1018.0	1018.2	18.0		17.9		9	118		4		
83967 PORTO ALEGRE	3001S	05113W	47		1012.9	1018.6	16.6		15.8		11	154		4		
83980 BAGE	3120S	05406W	217		988.3	1016.9	14.3		13.8		11	270		6		
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1014.2	1018.7	13.2		14.0		8	209		5		
<b>ANTARCTICA</b>																
<b>USSR (ANTARCTIC)</b>																
89050 BELLINGSHAUSEN	6212S	05856W	16		997.5	999.4	-4.7		3.9		8	26				
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		968.5	983.8	-16.1		.8		2	4			34	
89592 MIRNYJ	6633S	09301E	30		971.5	977.3	-17.5		1.3		5	34				
<b>USSR (ANTARCTIC)</b>																
89606 VOSTOK	7827S	10652E	3490				-71.5		.0		0	0				
SEPTEMBER 2002																
<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	QUINILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°	° C	mb	mb		mm	mm		hr	
<b>THAILAND</b>																
48568 SONGKHLA	0712N	10036E	5		1009.8	1010.5	28.1		28.9		9	80		0	184	115
<b>S AMERICA</b>																
<b>BRAZIL</b>																
82024 BOA VISTA	0249N	06039W	90		1003.6	1011.8	28.8		27.6		6	46		2		
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90		999.1	1008.8	26.9		30.0		13	168		2		
82191 BELEM	0127S	04828W	10		1010.5	1011.1	27.2		29.1		9	95		2		
82280 SAO LUIZ	0232S	04418W	51		1006.8	1012.6	27.0		29.3		0	0		1		
82397 FORTALEZA	0346S	03836W	26		1011.6	1014.7	26.6		25.8		2	5		1		
82410 BENJAMIN CONSTANT	0423S	07002W	65				27.0		29.8		11	129		3		
82425 COARI	0405S	06308W	46		1006.8	1012.3	28.1		32.6		6	119		3		
82445 ITAITUBA	0416S	05559W	45		1007.9	1013.1	29.2		32.2		4	47		3		
82533 MANICORE	0549S	06118W	50		1006.8	1012.3	27.2		29.5		7	120		3		
82562 MARABA	0521S	04909W	95		999.9	1010.8	28.9		26.5		4	35		2		
82571 BARRA DO CORDA	0530S	04516W	153		994.3	1013.9	27.8		25.6		5	46		5		
82578 TERESINA	0505S	04249W	74		1003.7	1013.8	28.9		22.0		1	47		5		
82586 QUIXERAMOBIM	0512S	03918W	212		987.1	1010.8	27.7		20.3		0	0		3		
82598 NATAL	0546S	03512W	45		1009.8	1015.1	26.4		27.3		0	0		0		
82678 FLORIANO	0646S	04301W	123		988.2	1013.8	30.0		20.3		3	19		4		
82704 CRUZEIRO DO SUL	0738S	07240W	170		987.6	1007.0	26.4		28.9		8	108		2		
82723 LABREA	0715S	06450W	60		1003.5	1011.7	27.0		29.1		8	130		4		
82765 CAROLINA	0720S	04728W	192		990.4	1014.1	29.4		25.2		3	49		3		
82784 BARBALHA	0719S	03918W	409		967.4	1013.9	26.5		16.9		2	11		4		
82791 PATOS	0701S	03716W	249		985.0	1012.8	27.0		16.7		1	4		4		
82825 PORTO VELHO	0846S	06305W	95		1000.9	1007.7	26.6		27.4		11	20		5		
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160		990.9	1007.5	28.1		28.6		4	82		3		
82900 RECIFE (CURADO)	0803S	03455W	7		1015.0	1015.9	25.5		24.8		7	43		1		
82915 RIO BRANCO	0958S	06748W	136		993.6	1011.9	25.6		27.6		4	46		1		
82983 PETROLINA	0923S	04029W	370		972.1	1013.2	27.5		18.2		1	1		3		
83064 PORTO NACIONAL	1031S	04843W	250		984.3	1010.9			22.5		4	124		5		
83096 ARACAJU	1055S	03703W	6		1015.6	1016.3	25.0		24.9		8	35		1		
83229 SALVADOR	1301S	03831W	51		1010.6	1016.6	24.3		26.1		11	259		6		
83288 BOM JESUS DA LAPA	1316S	04325W	440		963.1	1013.9	26.9		20.5		2	106		6		
83361 CUIABA	1533S	05607W	179			1014.6	27.3		22.5		6	69		4		
83377 BRASILIA	1547S	04756W	1158		887.9	1012.9	22.0		14.2		5	69		4		
83423 GOIANIA	1641S	04917W	729		931.3	1012.6	25.3		17.1		4	70		4		
83437 MONTES CLAROS	1643S	04352W	646		942.4	1014.0	23.5		16.6		4	117		6		
83498 CARAVELAS	1744S	03915W	3			1018.4	23.9		23.7		15	185		5		
83552 CORUMBA	1900S	05739W	130				26.0				3	12		1		
83579 ARAXA	1934S	04656W	1004		903.3	1014.7	20.7		15.2		9	60		3		
83587 BELO HORIZONTE	1950S	04356W	850		915.1	1016.1	20.8		15.6		7	80		5		
83618 TRES LAGOAS	2047S	05138W	313		977.7				18.5		9	32		1		

# SURFACE LATE REPORTS

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTE	TOTAL	% OF AV.
	°	°	m		mb	mb	°	° C	mb	mb		mm	mm		hr	
83702 PONTA PORA	2232S	05544W	650		939.5	1016.2	21.1		14.3		3	17		1		
83766 LONDRINA	2323S	05111W	566		951.6	1016.8	20.4		17.0		7	81		3		
83781 SAO PAULO	2330S	04637W	792		927.0	1016.2	18.0		15.6		3	55		2		
83842 CURITIBA	2526S	04916W	923		914.5	1018.1	15.0		13.9		9	190		4		
83967 PORTO ALEGRE	3001S	05113W	47		1012.5	1018.2	15.7		13.8		8	138		4		
83980 BAGE	3120S	05406W	217		988.3	1017.0	13.6		13.0		8	24		5		
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1014.8	1019.3	12.6		13.1		5	42		1		
OCTOBER 2002																
<b>ASIA</b>																
<b>THAILAND</b>																
48354 UDON THANI	1723N	10248E	182		990.2	1010.3	27.0		28.5		7	191		5		
48378 PHITSANULOK	1647N	10016E	45		1005.0	1010.2	27.8		28.8		7	89		2	218	95
48455 BANGKOK	1344N	10034E	20		1009.6	1010.0	28.6		29.7		12	347		5	188	95
<b>S AMERICA</b>																
<b>BRAZIL</b>																
83377 BRASILIA	1547S	04756W	1158		885.9	1009.8	24.7		14.1		5	58		1		
NOVEMBER 2002																
<b>AFRICA</b>																
<b>ETHIOPIA</b>																
63471 DIREDAWA	0936N	04151E	1260		888.9	1011.5	24.2		11.4		0	0				
<b>N AMERICA</b>																
<b>COSTA RICA</b>																
78762 JUAN SANTAMARIA	1000N	08413W	939		909.7	1010.4	22.8		20.3		10	146		4		
78767 PUERTO LIMON	1000N	08303W	3		1011.8	1012.6	24.9		27.1		20			5	128	90

# UPPER AIR

# DECEMBER 2002

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> JAN MAYEN 01001 DEC 2002 7056N 00840W OB 3									<b>EUROPE - NORWAY</b> BJORNOYA 01028 DEC 2002 7431N 01901E OB 3									<b>EUROPE - NORWAY</b> BODO 01152 DEC 2002 6715N 01424E OB 3								
030									030									030								
050									050									050								
100	15535	1	-69.4	20.2	1	80	259	16	100	15420	0	-70.2	17.4	0	85	313	14	100	15551	0	-69.0	20.8	0	91	306	18
150	13081	0	-65.2	17.3	0	76	255	16	150	12983	0	-66.2	15.2	0	80	316	14	150	13101	0	-65.0	17.9	0	88	311	16
200	11331	0	-65.2	13.2	0	70	254	17	200	11237	0	-65.3	12.5	0	70	318	15	200	11348	0	-64.5	14.1	0	83	312	16
300	8815	0	-54.5	10.7	0	62	251	17	300	8733	0	-56.5	10.4	0	59	317	14	300	8828	0	-55.0	11.6	0	75	314	16
500	5360	0	-29.1	10.5	0	61	241	12	500	5313	0	-33.0	11.0	0	57	308	10	500	5395	0	-31.3	11.8	0	72	314	10
700	2879	0	-13.9	10.1	0	65	222	10	700	2872	0	-18.1	11.1	0	53	296	7	700	2932	0	-15.6	13.1	0	65	311	7
850	1382	0	-6.3	5.5	0	53	221	7	850	1403	0	-11.5	5.4	0	41	272	5	850	1444	0	-7.9	8.3	0	55	287	5
1011	* 9		.5	2.1					1015	* 18		-3.6	2.3					1017	* 33		-2.1	4.7				
<b>EUROPE - NORWAY</b> STAVANGER/SOLA 01415 DEC 2002 5852N 00540E OB 3									<b>EUROPE - SWEDEN</b> SUNDSVALL-HARNOSAND FPL 02365 DEC 2002 6232N 01727E OB 3									<b>EUROPE - SWEDEN</b> GOTEBORG/LANDVETTER 02527 DEC 2002 5740N 01218E OB 3								
030	22979	2	-75.3	21.1	2	93	284	32	030	22817								030								
050	19965	2	-71.9	21.3	2	93	286	25	050	19747	11	-74.9	25.2	9	92	296	25	050	19958	18	-71.5	25.2	9	92	300	25
100	15800	2	-64.7	21.4	2	87	294	16	100	15628	4	-67.4	26.2	4	89	306	16	100	15773	6	-65.1	25.1	7	87	302	15
150	13308	2	-62.3	18.8	2	83	297	13	150	13166	4	-63.1	22.6	4	86	313	15	150	13296	4	-62.2	20.4	4	82	303	12
200	11534	2	-62.8	13.8	2	60	300	10	200	11396	4	-63.5	16.9	4	78	311	16	200	11526	4	-63.8	14.0	4	66	298	10
300	8989	2	-52.0	10.8	2	29	290	6	300	8872	4	-54.5	12.9	4	67	313	15	300	8995	4	-53.1	10.7	4	39	283	7
500	5490	2	-26.0	11.1	2	31	236	4	500	5426	4	-30.4	16.1	4	63	323	9	500	5499	4	-26.0	14.3	4	35	299	4
700	2975	2	-10.6	10.6	2	21	182	2	700	2955	4	-15.6	12.2	4	56	325	5	700	2983	5	-11.1	15.6	4	9	168	1
850	1465	2	-4.8	7.6	2	54	161	6	850	1469	4	-9.3	8.3	4	36	330	4	850	1480	5	-5.7	9.2	5	31	113	3
1018	* 14		1.0	5.2					1025	* 6		-6.3	1.9					1007	* 155		-3.3	1.7				
<b>EUROPE - FINLAND</b> SODANKYLA 02836 DEC 2002 6722N 02639E OB 3									<b>EUROPE - FINLAND</b> JYVASKYLA 02935 DEC 2002 6224N 02541E OB 3									<b>EUROPE - FINLAND</b> JOKIOINEN 02963 DEC 2002 6049N 02330E OB 3								
030	22441	4	-81.6	13.8	4	93	301	22	030									030	22687	10	-77.3	25.1	9	94	295	30
050	19531	1	-77.5	15.7	1	91	312	20	050									050	19736	0	-74.0	25.5	0	93	301	25
100	15463	0	-69.0	20.5	0	89	322	18	100	15562	0	-67.5	19.4	0	89	317	19	100	15623	0	-66.6	26.6	0	91	314	19
150	13009	0	-64.9	20.3	0	86	328	16	150	13094	0	-63.5	18.7	0	86	325	18	150	13148	0	-63.0	23.0	0	87	322	17
200	11250	0	-63.7	14.5	0	79	331	17	200	11329	0	-63.8	12.8	0	80	329	18	200	11375	0	-63.8	16.4	0	80	327	18
300	8733	0	-56.2	10.6	0	72	337	16	300	8804	0	-55.1	9.1	0	74	334	19	300	8852	0	-54.3	13.1	0	71	329	17
500	5330	0	-33.6	12.9	0	74	336	12	500	5372	0	-31.4	13.3	0	75	336	13	500	5403	0	-30.2	14.6	0	66	335	11
700	2896	0	-19.0	12.6	0	55	342	7	700	2917	0	-17.0	12.9	0	68	341	8	700	2936	0	-15.7	15.4	0	59	334	7
850	1430	0	-11.4	8.0	0	47	330	5	850	1440	0	-11.0	8.2	0	47	341	5	850	1453	0	-10.1	8.2	0	36	342	4
1000	* 179		-16.4	1.6					1006	* 145		-11.3	1.7					1012	* 103		-8.7	1.6				

# UPPER AIR

# DECEMBER 2002

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 DEC 2002 6008N 00111W OB 3									<b>EUROPE - UNITED KINGDOM</b> <b>CAMBORNE</b> 03808 DEC 2002 5013N 00519W OB 3									<b>EUROPE - IRELAND</b> <b>VALENTIA OBSERVATORY</b> 03953 DEC 2002 5156N 01015W OB 3								
030	22914	2	-77.3		2	94	278	35	030	23391	1	-66.2		1	96	274	31	030	23327	0	-68.0	26.0	0	96	271	33
050	19944	0	-72.8		0	93	281	27	050	20282	1	-64.4		1	93	275	20	050	20241	0	-65.5	26.4	0	94	270	23
100	15799	0	-65.6		0	89	282	16	100	16006	0	-60.6		0	84	279	14	100	15979	0	-61.0	25.6	0	88	270	15
150	13314	0	-62.8		0	76	283	12	150	13470	0	-58.5		0	71	282	13	150	13445	0	-58.7	23.2	0	79	271	14
200	11544	0	-63.4		0	55	292	9	200	11663	0	-58.3		0	62	286	15	200	11641	0	-58.6	18.4	0	67	269	14
300	8996	0	-51.2		0	26	302	5	300	9069	0	-48.0		0	50	284	14	300	9052	0	-48.6	12.4	0	47	273	10
500	5484	0	-25.1	12.6	0	13	228	2	500	5517	0	-22.6	12.6	0	35	274	7	500	5505	0	-22.6	12.4	0	39	267	6
700	2964	0	-10.2	11.2	0	43	169	5	700	2965	0	-6.4	12.1	0	32	252	4	700	2952	0	-6.1	12.2	0	27	248	3
850	1446	0	-3.7	3.6	0	62	163	7	850	1423	0	1.2	5.9	0	25	234	3	850	1411	0	.9	5.5	0	31	207	3
1008	* 84		5.1	3.0					1001	* 88		8.2	2.1					1007	* 30		8.3	2.7				
<b>EUROPE - ICELAND</b> <b>KEFLAVIKURFLUGVOLLUR</b> 04018 DEC 2002 6358N 02236W OB 3									<b>EUROPE - GREENLAND</b> <b>AASIAAT (EGEDESMINDE)</b> 04220 DEC 2002 6842N 05251W OB 3									<b>EUROPE - GREENLAND</b> <b>NARSARSUAQ</b> 04270 DEC 2002 6109N 04526W OB 3								
030									030	22349	0	-81.6	14.1	0	72	264	13	030	22668	0	-77.6	19.3	1	59	255	29
050									050	19452	0	-76.5	16.7	0	67	251	11	050	19709	0	-72.4	22.7	0	80	250	23
100	15648	0	-66.5	22.5	0	87	242	19	100	15359	0	-66.4	22.6	0	61	222	9	100	15537	0	-63.8	27.2	0	83	233	18
150	13172	0	-62.9	19.2	0	86	233	17	150	12873	0	-61.2	24.6	0	65	210	10	150	13022	0	-59.6	26.4	0	80	224	16
200	11405	0	-63.7	13.8	0	77	225	18	200	11084	0	-60.3	19.3	0	61	197	12	200	11221	0	-59.2	20.9	0	73	213	15
300	8870	0	-52.6	9.3	0	69	220	18	300	8544	0	-56.2	9.7	0	54	188	13	300	8664	0	-54.2	9.9	0	53	205	14
500	5379	0	-26.7	11.4	0	70	209	12	500	5156	0	-35.4	9.8	0	52	179	9	500	5220	0	-30.8	8.8	0	50	198	9
700	2871	0	-10.9	10.9	0	65	197	8	700	2736	0	-19.2	10.0	0	61	167	7	700	2754	0	-15.0	8.4	0	32	152	4
850	1357	0	-2.9	3.3	0	70	178	9	850	1267	0	-10.9	10.4	0	62	163	5	850	1260	0	-5.8	9.2	0	50	115	4
1001	* 54		4.2	2.5					996	* 41		-5.2	4.2					996	* 4		-1.4	6.9				
<b>EUROPE - GREENLAND</b> <b>DANMARKSHAVN</b> 04320 DEC 2002 7646N 01840W OB 3									<b>EUROPE - GREENLAND</b> <b>ILLOQQORTOORMIUT (SCORESBYSU)</b> 04360 DEC 2002 7029N 02157W OB 3									<b>EUROPE - GREENLAND</b> <b>TASIILAQ (AMASSALIK)</b> 04360 DEC 2002 6536N 03738W OB 3								
030	22290	0	-83.7	14.9	0	63	262	8	030	22428	0	-83.6	12.7	0	89	255	19	030								
050	19424	0	-79.2	16.5	0	54	257	8	050	19551	0	-78.5	14.5	0	84	249	17	050	19613	0	-75.2	17.5	5	85	244	20
100	15387	0	-69.4	19.2	0	53	243	9	100	15501	0	-69.1	17.9	0	83	243	17	100	15500	0	-66.6	20.2	0	82	225	16
150	12937	0	-64.7	18.6	0	56	231	11	150	13048	0	-64.6	16.4	0	83	234	16	150	13021	0	-62.2	19.2	0	82	216	15
200	11175	0	-63.6	14.8	0	56	227	14	200	11287	0	-64.2	10.4	0	85	236	20	200	11240	0	-61.8	13.5	0	77	208	18
300	8657	0	-56.3	10.5	0	46	222	12	300	8770	0	-54.9	6.8	0	73	228	20	300	8704	0	-54.3	7.9	0	68	195	18
500	5250	0	-33.6	10.0	0	36	200	8	500	5323	0	-30.0	8.9	0	73	226	12	500	5260	0	-30.8	9.1	0	60	178	11
700	2812	0	-18.1	10.9	0	26	163	4	700	2849	0	-14.5	8.8	3	59	228	7	700	2797	0	-15.7	6.1	0	62	143	8
850	1342	0	-12.7	9.9	0	20	108	3	850	1359	0	-9.2	6.8	4	28	265	3	850	1309	0	-7.7	4.3	0	66	89	8
1012	* 12		-16.2	4.4					1004	* 69		-7.3	3.9					997	* 52		-1.0	1.6				





# UPPER AIR

# DECEMBER 2002

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 - GIBRALTAR</b> <b>GIBRALTAR</b> 08495 DEC 2002 3609N 00520W OB 3									<b>EUROPE - PORTUGAL</b> <b>LAJES/SANTA RITA (ACORES)</b> 08508 DEC 2002 3844N 02704W OB 3									<b>EUROPE - PORTUGAL</b> <b>LISBOA/GAGO COUTINHO</b> 08579 DEC 2002 3846N 00908W OB 3								
030	23681	1	-57.8	24.3	1	71	289	7	030	23677	0	-57.2						030	23697	0	-57.2	30.7	0	86	279	6
050	20502	0	-61.8	21.5	1	84	280	9	050	20482	0	-61.6						050	20501	0	-61.4	29.3	0	83	278	5
100	16248	0	-63.5	17.9	1	88	281	17	100	16201	0	-62.5						100	16227	0	-62.7	26.3	0	86	275	8
150	13750	0	-62.4	14.0	0	88	277	25	150	13687	0	-60.6						150	13721	0	-62.1	20.4	0	82	275	11
200	11973	0	-60.0	11.3	0	80	282	25	200	11890	0	-58.7						200	11939	0	-60.2	15.2	0	78	277	12
300	9364	0	-43.7	11.6	0	78	282	23	300	9271	0	-43.7	6.9					300	9330	0	-44.3	12.0	0	69	275	10
500	5726	0	-15.9	16.6	0	76	281	15	500	5638	0	-16.9	15.4					500	5700	0	-16.6	16.1	0	70	270	7
700	3108	0	.4	17.9	0	73	275	10	700	3033	0	-1.1	13.3					700	3088	0	-.2	16.9	0	63	261	5
850	1530	0	7.8	11.2	0	64	265	7	850	1458	0	6.7	4.6					850	1513	0	6.9	8.8	0	57	247	4
1020	* 4		15.4	4.3					999	* 113		15.4	6.1					1007	* 105		13.5	2.6				
<b>EUROPE - GERMANY</b> <b>SCHLESWIG</b> 10035 DEC 2002 5432N 00933E OB 3									<b>EUROPE - GERMANY</b> <b>GREIFSWALD</b> 10184 DEC 2002 5406N 01324E OB 3									<b>EUROPE - GERMANY</b> <b>EMDEN-FLUGPLATZ</b> 10200 DEC 2002 5323N 00714E OB								
030	23128	0	-71.7		2	96	285	35	030	23137	0	-71.0		1	96	286	35	030	23211	0	-69.9		0	96	285	34
050	20085	0	-68.7		0	95	289	26	050	20084	0	-67.9		0	95	290	25	050	20143	0	-67.4		0	94	289	24
100	15873	0	-62.8	22.1	0	90	298	16	100	15853	0	-62.9	24.1	0	91	301	17	100	15909	0	-61.9	24.8	0	89	298	15
150	13363	0	-60.9	18.7	0	83	303	13	150	13343	0	-60.9	19.2	0	83	305	14	150	13389	0	-60.2	20.8	0	79	299	12
200	11580	0	-62.1	13.7	0	67	299	11	200	11562	0	-62.9	13.2	0	69	306	12	200	11598	0	-61.2	15.0	0	58	288	9
300	9031	0	-51.6	10.3	0	38	288	7	300	9021	0	-51.6	10.6	0	43	307	8	300	9041	0	-50.9	11.3	0	35	261	6
500	5517	0	-24.6	12.5	0	23	272	3	500	5507	0	-25.0	11.9	0	35	320	4	500	5517	0	-23.9	12.9	0	26	234	3
700	2988	0	-9.1	13.0	0	11	153	1	700	2980	0	-9.4	14.2	0	13	316	1	700	2978	0	-8.1	10.4	0	28	173	3
850	1464	0	-2.3	11.9	0	41	127	4	850	1462	0	-4.0	9.9	0	34	122	3	850	1446	0	-.8	9.4	0	45	140	4
1016	* 48		.1	2.4					1022	* 6		-1.5	2.5					1018	* 5		.6	1.6				
<b>EUROPE - GERMANY</b> <b>BERGEN</b> 10238 DEC 2002 5249N 00956E OB									<b>EUROPE - GERMANY</b> <b>LINDENBERG</b> 10393 DEC 2002 5213N 01407E OB 3									<b>EUROPE - GERMANY</b> <b>ESSEN</b> 10410 DEC 2002 5124N 00658E OB 3								
030	23203	3	-69.5			95	286	31	030	23196	0	-69.4		2	97	285	33	030	23270	1	-68.2	21.1	1	96	283	34
050	20138	1	-66.6		3	95	288	24	050	20116	0	-66.8		1	96	290	24	050	20169	0	-65.9	20.7	0	95	288	24
100	15899	0	-61.7	9.1	0	91	298	16	100	15878	0	-62.0	27.1	0	90	301	16	100	15917	0	-61.5	20.5	0	90	295	15
150	13383	0	-60.3	8.7	0	80	300	12	150	13359	0	-60.4	20.8	0	82	305	13	150	13392	0	-59.7	18.5	0	82	294	13
200	11592	0	-61.3	8.1	0	57	296	9	200	11574	0	-62.2	12.7	0	63	307	11	200	11596	0	-60.6	14.2	0	56	289	10
300	9038	0	-50.6	8.1	0	30	290	5	300	9028	0	-51.6	10.9	0	36	309	6	300	9034	0	-50.9	10.6	0	29	258	6
500	5514	0	-23.8	8.7	0	20	276	3	500	5514	0	-24.7	13.3	0	34	303	5	500	5513	0	-24.2	11.4	0	27	251	4
700	2980	0	-8.4	7.8	0	15	187	1	700	2985	0	-9.1	13.1	0	15	284	1	700	2975	0	-7.8	8.8	0	35	235	4
850	1452	0	-1.4	5.6	0	35	144	3	850	1461	0	-2.5	12.6	0	32	131	3	850	1441	0	.0	7.6	0	31	221	3
1011	* 69		-1.1	1.7					1008	* 104		-2.4	2.1					998	* 153		3.0	2.2				

# UPPER AIR

# DECEMBER 2002

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>EUROPE - GERMANY</b> <b>MEININGEN</b> 10548 DEC 2002 5034N 01023E OB 3									<b>EUROPE - GERMANY</b> <b>STUTTGART/SCHNARRENBERG</b> 10739 DEC 2002 4850N 00912E OB 3									<b>EUROPE - GERMANY</b> <b>MUENCHEN-OBERSCHLEISSHEIM</b> 10868 DEC 2002 4815N 01133E OB 3								
030	23294	0	-67.3		1	97	285	34	030	23320	0	-65.4	22.4	0	96	286	30	030	23377	0	-64.6		0	97	287	30
050	20191	0	-65.3		1	97	288	23	050	20242	0	-64.0	22.8	0	95	289	21	050	20247	0	-63.5		0	97	291	21
100	15929	0	-61.1	24.8	0	94	296	16	100	15963	0	-60.7	22.3	0	92	296	16	100	15962	0	-60.4	26.2	0	94	296	16
150	13402	0	-59.4	21.0	0	85	299	14	150	13429	0	-58.8	20.0	0	85	299	13	150	13427	0	-59.0	21.8	0	86	300	14
200	11607	0	-61.1	14.5	0	66	295	12	200	11627	0	-60.2	14.7	0	70	296	13	200	11626	0	-60.5	15.1	0	67	300	13
300	9051	0	-50.9	11.2	0	44	283	8	300	9065	0	-50.6	10.6	0	44	280	10	300	9067	0	-50.7	10.8	0	42	288	9
500	5525	0	-23.9	12.1	0	45	274	6	500	5538	0	-23.8	8.8	0	45	271	6	500	5538	0	-23.8	10.6	0	42	284	5
700	2985	0	-7.7	10.2	0	41	258	4	700	2994	0	-7.3	8.3	0	38	262	4	700	2995	0	-7.2	10.1	0	42	263	4
850	1451	0	-4	9.1	0	29	224	3	850	1457	0	.6	5.3	0	39	252	4	850	1457	0	.8	6.3	0	42	263	4
964	* 453		-2	1.1					979	* 315		3.7	3.3					959	* 489		1.6	1.1				
<b>EUROPE - AUSTRIA</b> <b>WIEN/HOHE WARTE</b> 11035 DEC 2002 4814N 01621E OB 3									<b>EUROPE - CZECH REPUBLIC</b> <b>PRAHA-LIBUS</b> 11520 DEC 2002 5000N 01427E OB 3									<b>EUROPE - SLOVAKIA</b> <b>POP RAD-GANOVCE</b> 11952 DEC 2002 4902N 02019E OB 3								
030	23340	11	-64.7		9	96	285	30	030	23272	0	-67.0	23.8	0	98	286	33	030	23277	0	-65.3	24.8	0	98	284	33
050	20211	9	-63.6		9	92	294	21	050	20171	0	-64.9	24.7	0	97	292	24	050	20156	0	-64.2	25.3	0	97	291	24
100	15925	4	-60.4		4	90	302	15	100	15910	0	-61.0	26.3	0	94	300	16	100	15886	0	-61.0	26.0	0	93	299	17
150	13392	4	-59.0		4	74	305	13	150	13383	0	-59.5	24.3	0	83	303	14	150	13356	0	-59.2	24.4	0	82	303	14
200	11594	4	-61.0		4	56	299	11	200	11591	0	-61.6	14.7	0	66	310	12	200	11564	0	-62.0	14.1	0	64	306	13
300	9043	4	-51.2		4	45	293	10	300	9040	0	-51.2	10.3	0	50	308	10	300	9020	0	-51.5	10.7	0	48	306	11
500	5526	0	-24.5	11.9	0	51	291	8	500	5524	0	-24.3	11.8	0	46	299	6	500	5510	0	-25.2	13.0	0	52	307	7
700	2992	0	-8.3	10.5	0	60	281	8	700	2990	0	-8.1	10.6	0	30	274	3	700	2985	0	-9.2	14.1	0	32	300	3
850	1461	0	-1.2	6.3	0	44	262	6	850	1459	0	-1.1	10.2	0	15	230	1	850	1465	0	-4.2	8.5	0	34	239	2
996	* 200		-1	2.5					983	* 303		-1.1	1.8					937	* 706		-5.0	2.2				
<b>EUROPE - POLAND</b> <b>LEBA</b> 12120 DEC 2002 5445N 01732E OB 3									<b>EUROPE - POLAND</b> <b>LEGIONOWO</b> 12374 DEC 2002 5224N 02058E OB 3									<b>EUROPE - POLAND</b> <b>WROCLAW I</b> 12425 DEC 2002 5108N 01659E OB 3								
030	23011	0	-72.3	20.1	1	97	288	36	030	23098	0	-69.4	22.0	0	98	286	36	030	23198	3	-68.0	23.0	4	98	288	34
050	19989	0	-69.1	22.0	0	94	294	26	050	20043	0	-67.1	23.2	0	97	293	27	050	20111	2	-66.0	23.9	3	97	293	24
100	15790	0	-63.4	24.2	0	91	304	18	100	15814	0	-62.5	24.9	0	92	304	18	100	15858	1	-61.7	24.5	2	91	302	16
150	13288	0	-61.1	22.7	0	84	311	15	150	13299	0	-60.4	23.0	0	83	310	15	150	13337	1	-60.1	22.0	2	80	307	14
200	11509	0	-63.3	13.5	1	70	317	13	200	11514	0	-62.6	14.5	0	66	314	14	200	11549	1	-62.0	12.7	2	62	310	11
300	8973	0	-52.2	11.9	0	54	326	11	300	8974	0	-52.1	11.6	0	56	314	13	300	9005	1	-51.6	9.1	1	43	305	8
500	5478	0	-26.5	14.5	0	44	332	6	500	5480	0	-26.5	14.2	0	54	321	8	500	5499	1	-25.3	12.4	1	47	304	6
700	2970	0	-11.4	15.9	0	21	335	2	700	2973	0	-11.5	14.5	0	29	331	3	700	2977	1	-9.7	10.6	1	25	295	2
850	1464	0	-5.8	9.3	0	12	92	1	850	1467	0	-5.7	11.9	0	8	129	1	850	1458	1	-3.4	10.8	1	28	137	2
1023	* 2		-2.4	2.7					1012	* 96		-6.0	2.2					1007	* 116		-3.0	2.2				

# UPPER AIR

# DECEMBER 2002

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>BUDAPEST/LORINC</b> 12843 DEC 2002 4726N 01911E OB 3								<b>EUROPE - HUNGARY</b> <b>SZEGED</b> 12982 DEC 2002 4615N 02006E OB								<b>EUROPE - CROATIA</b> <b>ZAGREB/MAKSIMIR</b> 14240 DEC 2002 4549N 01602E OB 3											
030	23341	8	-64.0		9	99	283	32	030	23385	13	-62.4		9	99	283	31	030	23436	0	-62.3		0	98	285	26	
050	20208	5	-63.3		6	97	289	22	050	20234	13	-62.4		9	99	291	22	050	20289	0	-61.9		0	97	288	19	
100	15925	1	-60.6		1	94	297	17	100	15937	12	-60.3		9	98	302	18	100	15975	0	-60.1		0	94	292	16	
150	13390	0	-58.9		0	83	299	14	150	13397	11	-58.5		9	94	304	18	150	13442	0	-58.3		0	87	298	15	
200	11592	0	-61.2		0	64	302	13	200	11596	10	-60.4		9	90	310	19	200	11629	0	-60.3		0	71	300	15	
300	9042	0	-51.2	10.1	1	43	301	10	300	9038	10	-51.3	9.8	9	82	311	19	300	9071	0	-51.0		0	49	292	11	
500	5526	0	-24.6	10.1	0	45	299	6	500	5528	10	-25.3	10.0	9	81	309	11	500	5545	0	-23.6	9.5	0	42	294	50	
700	2995	0	-8.7	11.3	0	31	286	3	700	3006	9	-9.4	14.3	9	66	303	6	700	3002	0	-7.2	8.5	0	15	309	14	
850	1469	0	-2.5	7.7	0	22	235	2	850	1485	9	-3.0	8.8	9	40	275	3	850	1468	0	- .8	3.8	0	12	207	10	
1005	* 139		- .6	3.3					1012	* 83		- .8	.7						1005	* 128		2.4	2.2				
<b>EUROPE - ROMANIA</b> <b>BUCURESTI/IMH</b> 15420 DEC 2002 4430N 02608E OB 1								<b>EUROPE - BULGARIA</b> <b>SOFIA (OBSERV.)</b> 15614 DEC 2002 4239N 02323E OB 0								<b>EUROPE - ITALY</b> <b>MILANO/LINATE</b> 16080 DEC 2002 4526N 00917E OB 3											
030									030	23503	24	-59.1	24.2	9	99	280	24	030	23480	0	-61.9	22.6	0	97	284	25	
050	20264	9	-61.3	27.1	9	98	282	22	050	20275	9	-61.4	23.7	9	97	285	21	050	20322	0	-62.0	22.5	0	97	291	18	
100	15954	2	-60.0	28.1	2	95	289	18	100	15983	0	-59.7	24.1	0	93	287	19	100	16021	0	-59.9	21.8	0	94	295	15	
150	13415	0	-58.3	25.8	0	86	293	17	150	13438	0	-57.7	23.3	0	87	289	19	150	13479	0	-58.2	20.6	0	90	299	16	
200	11612	0	-60.4	16.1	0	75	299	15	200	11632	0	-60.1	15.7	0	73	287	17	200	11674	0	-59.5	14.8	0	78	297	16	
300	9058	0	-51.5	9.6	0	64	296	14	300	9075	0	-50.8	9.3	0	60	285	14	300	9102	0	-49.7	8.1	0	51	292	11	
500	5547	0	-25.0	13.1	0	62	297	8	500	5546	0	-23.6	9.2	0	60	291	9	500	5559	0	-22.3	9.3	0	51	291	7	
700	3023	0	-10.0	10.5	0	46	300	4	700	3004	0	-7.3	10.3	0	41	280	4	700	3004	0	-6.2	6.2	0	14	298	1	
850	1507	0	-4.3	7.9	0	24	170	2	850	1474	0	-2.0	3.5	0	18	166	2	850	1462	0	1.1	3.2	0	3	127	0	
1016	* 91		-5.4	2.7					950	* 595		1.4	4.0						1005	* 103		6.1	1.6				
<b>EUROPE - ITALY</b> <b>PRATICA DI MARE</b> 16245 DEC 2002 4139N 01226E OB 3								<b>EUROPE - ITALY</b> <b>BRINDISI</b> 16320 DEC 2002 4039N 01757E OB 3								<b>EUROPE - ITALY</b> <b>CAGLIARI/ELMAS</b> 16560 DEC 2002 3915N 00904E OB /											
030	23572	1	-59.1	29.3	2	96	281	16	030	23547	2	-59.0	28.0	2	97	280	20	030	23617	0	-57.6	28.5	1	93	282	14	
050	20383	0	-60.2	28.7	1	97	290	14	050	20357	1	-60.7	27.1	1	97	286	17	050	20428	0	-61.3	27.1	1	95	288	13	
100	16066	0	-59.5	27.9	0	95	288	16	100	16050	1	-60.3	25.8	1	93	287	18	100	16131	0	-60.8	26.2	0	94	287	18	
150	13517	0	-57.5	26.8	0	90	290	17	150	13505	1	-57.8	24.3	1	87	289	21	150	13597	0	-59.0	23.9	0	91	288	21	
200	11706	0	-58.1	20.8	0	83	295	18	200	11695	1	-58.6	17.6	1	81	295	22	200	11791	0	-58.6	17.1	0	85	293	22	
300	9121	0	-49.8	9.9	0	58	298	12	300	9118	1	-50.0	8.7	1	54	295	14	300	9191	0	-47.8	9.9	0	76	295	18	
500	5574	0	-21.8	13.3	0	54	297	7	500	5573	0	-21.7	10.8	0	58	292	9	500	5621	0	-20.3	12.1	0	76	292	12	
700	3012	0	-4.5	12.4	0	42	292	4	700	3011	0	-5.1	8.8	0	30	283	3	700	3041	0	-3.0	13.6	0	72	298	8	
850	1459	0	3.7	5.2	0	37	226	2	850	1460	0	3.0	3.8	0	21	190	2	850	1479	0	5.3	7.3	0	70	301	7	
1010	* 32		11.9	4.4					1014	* 10		12.8	3.8						1016	* 5		12.5	2.0				

# UPPER AIR

# DECEMBER 2002

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 DEC 2002 4117N 03618E OB 3								<b>EUROPE - TURKEY ISTANBUL/GOZTEPE</b> 17062 DEC 2002 4058N 02905E OB 3								<b>EUROPE - TURKEY ANKARA/CENTRAL</b> 17130 DEC 2002 3957N 03253E OB 3										
030	23522	4	-57.0	29.6	4	98	270	24	030	23570	16	-57.8		9	94	265	16	030	23548	3	-57.2	31.1	3	95	276	19
050	20304	2	-59.5	29.2	2	99	272	21	050	20350	14	-59.0		9	89	275	18	050	20331	1	-60.0	30.0	1	96	274	16
100	15977	1	-59.0	27.8	1	97	278	21	100	15994	10	-59.3		9	86	295	19	100	16008	1	-59.3	28.6	1	96	278	19
150	13423	1	-57.4	24.7	1	95	280	22	150	13448	7	-57.4		9	77	285	18	150	13459	1	-57.6	26.1	1	95	278	20
200	11612	1	-58.4	18.9	1	91	282	21	200	11635	6	-58.9		7	73	280	16	200	11645	1	-58.0	18.5	1	92	283	20
300	9047	1	-51.3	13.1	1	79	279	16	300	9074	2	-50.3		2	63	295	12	300	9071	0	-50.6	12.7	0	78	281	14
500	5535	0	-24.8	15.4	0	79	285	11	500	5541	1	-23.9	15.2	1	62	295	8	500	5545	0	-23.8	13.2	0	78	282	9
700	3012	0	-9.7	14.5	0	70	282	6	700	3002	1	-8.1	12.0	1	44	295	4	700	3006	0	-8.1	17.1	0	60	270	5
850	1492	0	-2.0	8.8	0	73	273	6	850	1475	1	-1.6	5.3	1	33	290	2	850	1483	0	-3.5	5.7	0	31	205	2
1022	* 4		5.8	7.4					1015	* 33		6.5	5.8					916	* 891		-2.2	3.5				
<b>EUROPE - TURKEY IZMIR/GUZELYALT</b> 17220 DEC 2002 3826N 02710E OB 3								<b>EUROPE - TURKEY ISPARTA</b> 17240 DEC 2002 3745N 03033E OB 3								<b>EUROPE - TURKEY DIYARBAKIR</b> 17280 DEC 2002 3753N 04012E OB 3										
030	23585	11	-56.7		9	94	276	18	030	23607	24	-56.5		9	93	276	13	030	23595	7	-56.5	28.4	9	92	259	15
050	20365	8	-60.1		8	99	282	19	050	20392	19	-59.8		9	94	270	16	050	20359	2	-59.2	26.5	2	93	254	18
100	16063	4	-60.2		5	95	278	21	100	16083	9	-59.8		9	0	265	22	100	16035	2	-59.9	28.4	2	99	259	24
150	13518	3	-57.2		3	96	279	23	150	13527	4	-57.0		4	96	268	23	150	13486	2	-57.2	26.5	2	98	262	26
200	11698	3	-57.6		3	88	285	24	200	11714	3	-57.8		3	87	270	21	200	11665	2	-57.1	20.4	2	94	261	26
300	9127	0	-49.4		0	62	283	15	300	9134	1	-49.1		1	83	275	20	300	9080	2	-49.7	15.8	2	84	262	20
500	5575	0	-21.9	12.2	0	65	276	11	500	5585	0	-22.1	9.6	0	75	267	12	500	5546	2	-23.4	17.6	2	86	262	13
700	3017	0	-5.7	11.4	0	60	263	6	700	3028	0	-6.2	9.7	0	50	265	5	700	3005	2	-7.8	15.8	2	62	244	5
850	1473	0	1.6	9.0	0	25	195	2	850	1490	0	-.3	4.8	1	20	155	1	850	1475	2	-.4	8.1	2	15	81	1
1014	* 29		7.8	4.5					904	* 997		-.6	2.9					942	* 677		.8	5.7				
<b>EUROPE - CYPRUS ATHALASSA</b> 17607 DEC 2002 3509N 03324E OB 2								<b>EUROPE - RUSSIAN FEDERATION (EUROPE) MURMANSK</b> 22113 DEC 2002 6859N 03307E OB 3								<b>EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK</b> 22550 DEC 2002 6437N 04030E OB 3										
030									030	22329	7	-80.8	14.9	7	88	305	15	030	22503	18	-76.2	9.3	9	96	291	18
050									050	19431	3	-77.9	15.3	3	91	318	15	050	19539	5	-74.8	8.9	5	90	308	18
100	16123	1	-61.7	28.8	1	96	271	28	100	15380	1	-69.5	16.4	1	85	332	15	100	15407	0	-67.9	8.6	0	78	323	14
150	13596	0	-58.2	26.9	0	94	272	35	150	12931	1	-65.3	15.1	1	80	337	14	150	12945	0	-63.8	8.3	0	70	334	14
200	11779	0	-56.5	20.8	0	93	272	37	200	11174	1	-63.8	12.3	1	70	342	14	200	11178	0	-63.2	7.4	0	58	338	12
300	9175	0	-47.7	13.9	0	90	274	28	300	8661	1	-57.3	9.5	1	65	349	15	300	8660	0	-56.6	6.3	0	46	336	10
500	5607	0	-21.1	16.6	0	86	274	15	500	5274	1	-35.5	9.8	1	64	343	11	500	5264	0	-34.6	7.0	0	50	339	8
700	3037	0	-4.2	15.5	0	78	269	8	700	2860	1	-20.6	10.5	1	60	343	8	700	2842	0	-20.1	7.9	0	50	340	7
850	1486	0	3.4	5.6	0	49	257	4	850	1404	0	-11.8	5.1	0	56	335	6	850	1384	0	-13.7	6.1	0	49	334	6
997	* 161		14.4	7.0					1004	* 121		-11.8	2.4					1018	* 4		-12.7	2.6				



# UPPER AIR

# DECEMBER 2002

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>NAR'JAN-MAR</b> 23205 DEC 2002 6738N 05302E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SALEHARD</b> 23330 DEC 2002 6632N 06640E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>TURUHANSK</b> 23472 DEC 2002 6547N 08756E OB 3									
030	22340	8	-77.8	15.4	9	83	280	14	030										030	22577	8	-62.9	7.6	9	97	237	36
050	19407	1	-75.3	15.4	5	70	306	10	050										050	19458	1	-67.1	6.5	1	93	244	21
100	15323	0	-67.9	15.9	0	59	330	9	100	15216	18	-66.4	5.6	9	23	233	2	100	15263	1	-64.4	6.0	1	69	260	10	
150	12860	0	-64.4	13.9	0	54	342	10	150	12742	18	-62.6	5.3	9	6	1	1	150	12771	1	-61.8	5.4	1	55	273	8	
200	11099	0	-64.1	11.2	0	48	351	10	200	10962	17	-60.7	5.0	9	18	80	3	200	10987	1	-61.3	4.8	1	46	276	8	
300	8593	0	-57.2	9.3	0	39	349	9	300	8452	15	-57.3	4.2	9	21	101	5	300	8458	1	-58.6	4.3	1	32	281	6	
500	5206	0	-35.4	6.4	0	37	341	7	500	5098	14	-39.2	4.7	9	22	125	4	500	5132	1	-41.0	5.0	1	29	257	5	
700	2792	0	-21.3	5.5	0	39	330	6	700	2720	14	-26.1	4.2	9	22	157	3	700	2773	1	-26.8	5.4	1	39	237	5	
850	1340	0	-14.7	4.7	0	34	324	5	850	1306	14	-20.8	3.0	9	16	167	2	850	1357	1	-22.8	4.5	1	62	201	6	
1013	* 12		-16.2	2.9					1013	* 16		-29.2	3.2					1019	* 38		-28.1	4.4					
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>SYKTYVKAR</b> 23804 DEC 2002 6140N 05051E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HANTY-MANSIJSK</b> 23933 DEC 2002 6101N 06902E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OLENEK</b> 24125 DEC 2002 6830N 11226E OB 3									
030	22513	20	-71.5	12.5	9	96	269	26	030	22614	26	-70.2		9	95	275	37	030	22802	5	-53.4	8.5	5	95	233	42	
050	19497	7	-72.0	10.3	8	91	285	21	050	19548	22	-69.4		9	84	269	25	050	19554	2	-60.0	7.1	2	90	234	25	
100	15365	2	-66.4	10.6	2	77	300	13	100	15377	18	-64.1		9	79	284	16	100	15249	0	-61.3	6.0	0	53	234	7	
150	12884	0	-62.9	9.9	0	59	313	10	150	12859	15	-60.9		9	61	290	11	150	12723	0	-59.6	5.4	0	21	247	3	
200	11109	0	-62.6	8.7	0	52	320	10	200	11054	13	-60.3		9	55	287	11	200	10928	0	-59.6	4.7	0	2	277	0	
300	8597	0	-57.9	6.6	0	37	340	9	300	8525	12	-58.2		9	50	292	11	300	8405	0	-59.1	4.2	0	12	33	3	
500	5227	0	-36.3	6.4	0	33	337	6	500	5191	8	-39.3	5.1	9	40	303	7	500	5092	0	-41.0	4.7	0	16	359	3	
700	2816	0	-21.5	6.3	0	30	310	4	700	2807	6	-24.1	4.9	9	34	279	4	700	2739	0	-27.6	5.0	0	23	308	2	
850	1368	0	-15.8	4.9	0	36	297	4	850	1368	6	-17.4	5.3	9	25	297	3	850	1334	0	-24.5	4.1	0	45	279	3	
1004	* 116		-17.8	2.7					1015	* 46		-23.2	2.9					996	* 220		-37.0	2.9					
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHOJANSK</b> 24266 DEC 2002 6734N 13324E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>TURA</b> 24507 DEC 2002 6416N 10014E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JAKUTSK</b> 24959 DEC 2002 6201N 12943E OB 0									
030	23146	2	-45.4	14.9	2	96	228	42	030	22858	13	-53.8	8.2	9	97	233	44	030	23439	2	-41.0	17.5	2	96	234	30	
050	19775	2	-50.3	11.3	2	94	224	29	050	19607	8	-60.7	6.9	9	96	243	29	050	19997	2	-42.7	14.4	2	93	239	25	
100	15339	0	-55.8	8.3	0	80	210	10	100	15325	5	-61.3	6.1	5	90	263	15	100	15404	2	-50.7	9.3	2	78	247	12	
150	12765	0	-56.3	6.9	0	53	194	5	150	12805	4	-59.9	5.5	5	81	273	12	150	12789	0	-53.6	7.2	0	51	261	6	
200	10944	0	-57.6	5.7	0	34	152	3	200	11009	4	-60.2	5.0	5	74	287	13	200	10951	0	-55.3	5.9	0	26	287	3	
300	8418	0	-58.5	4.4	0	25	113	4	300	8486	4	-58.8	4.7	4	64	292	13	300	8396	0	-58.3	4.5	0	23	358	4	
500	5097	0	-41.2	5.1	0	30	105	3	500	5159	4	-40.9	5.4	4	68	291	11	500	5084	0	-42.1	4.6	0	32	358	4	
700	2747	0	-27.4	5.5	0	28	74	2	700	2799	4	-27.2	7.9	6	67	283	8	700	2744	0	-29.1	5.2	0	64	332	5	
850	1341	0	-24.9	4.3	0	43	11	2	850	1389	5	-23.9	5.4	5	67	276	7	850	1346	0	-26.0	4.0	0	89	321	7	
1009	* 138		-45.9	3.5					1004	* 168		-39.1	3.9					1014	* 101		-40.8	3.8					

# UPPER AIR

# DECEMBER 2002

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>SEJMCHAN</b> 25703 DEC 2002 6255N 15225E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KORF</b> 25954 DEC 2002 6021N 16600E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VERHNEE DUBROVO</b> 28445 DEC 2002 5644N 06104E OB 0								
030	23629	6	-41.8	15.0	6	96	240	22	030	23812	8	-42.4	17.3	9	88	240	11	030	22851	11	-65.7	8.3	9	95	266	38
050	20178	3	-43.2	12.9	3	95	234	19	050	20364	7	-43.3	15.5	7	89	231	10	050	19688	7	-65.4	7.3	7	91	265	29
100	15536	2	-46.4	9.9	3	92	216	13	100	15689	5	-43.8	12.5	5	89	213	11	100	15457	3	-62.3	6.8	4	86	268	19
150	12875	2	-49.5	7.6	2	87	189	8	150	12979	5	-46.1	9.8	5	87	195	8	150	12946	1	-60.0	6.1	1	76	274	15
200	11000	2	-51.6	6.0	3	68	163	5	200	11074	2	-49.1	7.2	2	76	173	7	200	11152	1	-60.5	5.4	1	65	275	13
300	8405	1	-57.8	4.0	1	61	129	7	300	8453	2	-54.4	4.4	2	62	148	7	300	8617	1	-56.3	4.7	1	48	277	11
500	5083	1	-40.9	4.1	1	64	101	6	500	5082	1	-37.6	4.0	1	61	116	6	500	5236	0	-36.7	5.9	0	45	277	8
700	2718	1	-26.1	3.7	1	80	62	8	700	2683	1	-21.3	4.1	1	67	92	6	700	2839	0	-22.3	6.6	0	52	278	6
850	1307	1	-27.6	3.2	1	96	16	11	850	1226	1	-13.5	3.9	2	73	79	6	850	1392	0	-16.1	6.2	0	49	285	6
992	* 205		-31.2	2.3					997	* 4		-12.5	4.6					985	* 290		-19.7	4.0				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>OMSK</b> 28698 DEC 2002 5456N 07324E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KOLPASEVO</b> 29231 DEC 2002 5819N 08254E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>EMEL'JANOVO</b> 29572 DEC 2002 5611N 09237E OB 0								
030	23093	10	-55.9	9.8	9	97	245	49	030	22956	14	-56.5	9.9	9	98	247	46	030	23296	7	-49.0	22.4	7	99	245	43
050	19862	3	-60.1	8.7	4	95	253	36	050	19733	10	-61.0	7.9	9	97	252	35	050	19969	4	-53.6	21.0	4	98	254	35
100	15547	0	-60.6	7.2	0	92	258	24	100	15435	8	-61.0	6.7	9	93	258	22	100	15548	0	-58.1	16.8	0	97	265	25
150	13010	0	-59.4	6.4	0	85	259	20	150	12911	8	-60.2	5.8	8	88	258	20	150	12998	0	-59.1	12.8	0	95	272	22
200	11218	0	-60.6	5.6	0	80	257	19	200	11118	8	-60.6	4.8	8	84	258	19	200	11202	0	-61.0	9.0	0	89	273	20
300	8684	0	-56.2	5.1	0	70	257	19	300	8593	8	-58.0	4.0	8	77	255	19	300	8689	0	-58.5	6.3	0	82	277	20
500	5293	0	-35.2	7.0	0	65	254	13	500	5232	7	-37.9	5.5	7	78	251	15	500	5320	0	-36.0	7.8	0	80	269	15
700	2876	0	-20.9	7.5	0	66	254	9	700	2839	7	-23.1	6.3	7	77	248	11	700	2908	0	-21.1	9.8	0	82	260	10
850	1422	0	-14.7	7.6	0	60	255	8	850	1399	7	-17.6	5.0	7	75	250	8	850	1459	0	-15.9	7.6	0	79	250	9
1014	* 90		-20.9	2.5					1015	* 75		-24.1	3.2					1004	* 206		-23.6	3.2				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>KIRENSK</b> 30230 DEC 2002 5746N 10804E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>CHITA</b> 30758 DEC 2002 5205N 11329E OB 0									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ALDAN</b> 31004 DEC 2002 5837N 12522E OB 3								
030	23337	3	-45.4	12.4	4	97	244	34	030	23619	6	-44.4		9	90	248	14	030	23509	3	-41.7	17.1	3	95	234	22
050	19964	2	-49.8	9.7	3	97	255	30	050	20217	5	-46.5		6	95	264	20	050	20066	1	-43.3	14.9	1	92	244	21
100	15499	0	-55.3	7.3	0	95	273	22	100	15664	2	-50.8		3	95	279	22	100	15475	0	-49.9	9.8	0	80	268	13
150	12919	0	-56.9	6.2	0	93	285	19	150	13040	1	-53.4		1	93	289	21	150	12846	0	-53.0	7.5	0	72	288	10
200	11106	0	-58.9	5.5	0	89	295	19	200	11204	0	-56.7		0	90	295	21	200	11006	0	-54.8	5.9	0	60	310	9
300	8574	0	-58.3	5.1	0	85	301	20	300	8658	0	-57.6		0	85	303	22	300	8437	0	-57.6	4.4	0	51	329	10
500	5234	0	-39.9	6.3	0	83	300	15	500	5297	0	-37.6	8.7	0	84	311	16	500	5120	0	-41.6	4.6	0	63	326	10
700	2866	0	-26.4	6.8	0	86	291	10	700	2901	0	-23.1	9.1	0	88	318	11	700	2783	0	-30.2	3.8	0	76	326	9
850	1447	0	-21.9	4.3	0	77	275	6	850	1462	0	-18.6	4.7	0	84	310	7	850	1397	0	-28.4	3.4	0	90	310	8
1000	* 259		-32.4	2.8					946	* 671		-27.4	2.5					940	* 79		-28.9	3.1				



# UPPER AIR

# DECEMBER 2002

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>OHOTSK</b> 31088 DEC 2002 5922N 14312E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>HABAROVSK</b> 31736 DEC 2002 4832N 13514E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>VLADIVOSTOK (SAD GOROD)</b> 31977 DEC 2002 4316N 13203E OB 3								
030	23691	9	-41.0	13.5	9	94	231	15	030									030	23777	5	-48.7	13.8	5	29	223	1
050	20225	6	-42.3	12.6	6	94	235	15	050									050	20434	4	-50.4	12.5	4	94	263	12
100	15556	4	-45.8	10.2	4	88	227	11	100	15736	4	-47.2	10.7	4	97	266	21	100	15902	1	-50.6	11.1	1	98	270	30
150	12881	2	-49.4	7.8	2	52	223	5	150	13057	4	-48.0	9.7	4	97	271	24	150	13259	0	-50.1	9.9	0	99	271	33
200	11009	1	-52.0	6.0	1	20	226	2	200	11168	4	-49.8	8.2	4	96	274	24	200	11390	0	-52.5	8.5	0	98	274	37
300	8417	0	-57.3	3.8	0	20	46	2	300	8537	3	-52.3	6.4	3	90	282	25	300	8786	0	-51.1	7.5	0	94	275	37
500	5079	0	-40.2	4.5	0	32	61	3	500	5156	2	-39.0	6.3	2	82	291	16	500	5330	0	-31.1	9.3	0	92	283	27
700	2707	0	-25.3	4.8	0	61	44	5	700	2784	2	-26.3	7.3	2	87	293	11	700	2888	0	-19.3	10.4	0	92	294	17
850	1283	1	-19.6	6.2	1	80	45	5	850	1368	2	-21.7	6.4	2	90	285	10	850	1438	0	-16.1	8.0	0	86	322	12
1011	* 6		-20.5	6.1					1013	* 72		-20.0	4.5					1015	* 82		-10.7	7.1				
<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>JUZHNO-SAHALINSK</b> 32150 DEC 2002 4657N 14243E OB 1									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>PETROPAPLOVSK-KAMCATSKIJ</b> 32540 DEC 2002 5305N 15835E OB 3									<b>ASIA - RUSSIAN FEDERATION (IN ASIA)</b> <b>ORENBURG</b> 35121 DEC 2002 5141N 05506E OB 3								
030	23778	4	-44.6	15.4	4	75	180	4	030	23873	6	-41.7	17.1	6	78	185	6	030	23058	11	-60.0	11.2	9	98	255	43
050	20382	3	-45.5	14.3	3	91	247	10	050	20415	4	-43.2	16.0	5	84	220	7	050	19898	6	-63.2	9.7	6	96	264	32
100	15775	2	-46.5	12.5	2	95	264	22	100	15740	1	-42.6	14.3	2	93	242	12	100	15611	5	-59.6	9.5	5	92	269	23
150	13092	1	-46.8	11.1	1	98	268	27	150	13006	1	-44.3	12.1	1	92	249	13	150	13085	3	-58.1	8.4	3	87	269	19
200	11198	0	-48.0	9.5	0	97	270	29	200	11084	1	-46.5	10.0	1	86	249	12	200	11277	2	-59.2	7.6	2	79	270	18
300	8557	0	-50.5	7.5	0	93	276	31	300	8428	0	-52.2	6.7	0	56	249	9	300	8723	0	-54.1	6.9	0	64	268	16
500	5158	0	-37.7	7.2	0	92	277	19	500	5051	0	-38.1	6.7	0	30	294	3	500	5307	0	-33.5	8.2	0	60	264	11
700	2775	0	-24.3	7.4	0	87	278	13	700	2659	0	-22.4	7.5	0	49	330	6	700	2882	0	-19.5	8.7	0	53	267	6
850	1344	0	-17.8	3.9	0	84	293	10	850	1227	0	-13.2	7.7	0	64	331	6	850	1425	0	-14.6	7.1	0	57	258	5
1012	* 24		-13.6	2.9					984	* 84		-8.3	7.1					1011	* 117		-16.9	3.9				
<b>ASIA - SAUDI ARABIA</b> <b>HAFR AL-BATIN</b> 40373 DEC 2002 2820N 04607E OB									<b>ASIA - SAUDI ARABIA</b> <b>TABUK</b> 40375 DEC 2002 2822N 03636E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>HAIL</b> 40394 DEC 2002 2726N 04141E OB 3								
030	23770	30	-56.3	26.0	9	99	285	12	030	23766	20	-55.3	23.8	9	90	259	5	030	23750	4	-56.0	24.4	4	79	259	6
050	20580	30	-65.9	23.0	9	99	255	10	050	20544	19	-61.5	21.4	9	96	266	12	050	20550	4	-63.1	20.0	4	96	263	12
100	16390	30	-64.5	24.0	9	99	265	30	100	16355	19	-68.2	18.1	9	98	272	37	100	16383	2	-68.8	14.7	2	99	267	40
150	13943	29	-61.4	16.3	9	99	281	29	150	13883	19	-62.2	18.3	9	99	273	47	150	13922	2	-62.9	13.4	2	98	270	52
200	12123	29	-54.2	16.7	9	99	284	35	200	12083	19	-56.1	17.1	9	99	271	49	200	12120	2	-55.3	13.2	2	98	268	55
300	9438	29	-39.8	16.3	9	94	274	35	300	9428	19	-41.2	11.4	9	99	270	39	300	9445	2	-39.1	13.5	2	98	266	41
500	5735	29	-13.0	23.8	9	83	268	20	500	5753	19	-14.1	18.8	9	99	268	22	500	5751	2	-13.3	18.2	2	96	266	23
700	3093	29	1.9	11.4	9	98	266	11	700	3112	19	2.7	24.2	9	93	261	11	700	3107	2	2.2	16.6	2	96	255	12
850	1497	29	11.1	11.0	9	85	266	6	850	1522	19	10.3	11.7	9	38	230	2	850	1517	1	10.5	8.8	1	60	231	4
974	* 358		13.6	6.7					930	* 768		13.8	13.5					904	*1013		13.7	10.7				

# UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - SAUDI ARABIA</b> <b>KING FAHAD INT. AIRPORT</b> 40417 DEC 2002 2627N 04949E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>MADINAH</b> 40430 DEC 2002 2433N 03942E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>KING KHALED INT. AIRPORT</b> 40437 DEC 2002 2456N 04643E OB 3								
030	23753	4	-56.3	24.6	4	77	260	6	030	23757	3	-56.3	24.0	3	67	261	5	030	23750	13	-56.4	23.7	9	71	256	5
050	20560	4	-64.5	20.9	4	96	268	11	050	20575	3	-65.3	19.3	3	97	260	10	050	20565	12	-65.9	18.8	9	96	267	11
100	16425	2	-70.4	15.3	2	99	266	38	100	16464	0	-72.3	12.9	0	98	266	37	100	16463	9	-72.8	14.9	9	98	264	38
150	13975	2	-63.2	14.8	2	98	267	48	150	14033	0	-64.3	12.8	0	98	268	50	150	14031	9	-63.8	15.9	9	97	268	49
200	12176	2	-55.3	14.6	2	97	266	51	200	12235	0	-54.8	13.4	0	98	266	53	200	12230	8	-54.9	16.2	8	97	267	51
300	9487	1	-37.2	14.6	1	97	265	44	300	9534	0	-35.8	14.5	0	98	265	43	300	9530	8	-35.8	18.0	8	98	266	43
500	5772	1	-12.5	16.9	1	96	267	22	500	5795	0	-10.7	20.7	0	97	264	21	500	5794	7	-11.1	22.5	7	96	266	21
700	3123	1	2.4	10.8	1	90	266	11	700	3129	0	4.2	20.4	0	86	249	9	700	3134	7	3.4	15.9	7	90	256	11
850	1528	1	10.5	10.8	1	63	271	4	850	1527	0	12.8	9.7	0	42	221	2	850	1532	7	11.4	8.6	8	56	235	4
1017	* 12		18.1	9.7					943	* 636		20.3	15.5					948	* 612		14.7	8.9				
<b>ASIA - IRAN, ISLAMIC REPUBLIC OF</b> <b>MASHHAD</b> 40745 DEC 2002 3616N 05938E OB 3									<b>ASIA - IRAN, ISLAMIC REPUBLIC OF</b> <b>KERMAN</b> 40841 DEC 2002 3015N 05658E OB 3									<b>ASIA - SAUDI ARABIA</b> <b>JEDDAH (KING ABDUL AZIZ INT.)</b> 41024 DEC 2002 2142N 03911E OB 3								
030	23636	0	-54.7	31.3	9	93	255	13	030	23670	8	-54.9						030	23763	12	-57.3	20.8	9	13	277	1
050	20409	0	-59.7	30.1	8	95	260	20	050	20462	3	-62.9						050	20601	6	-67.3	14.6	9	88	264	6
100	16100	0	-60.8	28.5	6	96	260	34	100	16256	0	-66.5						100	16537	3	-72.7	9.9	4	98	267	30
150	13570	0	-59.1	25.1	5	98	265	43	150	13781	0	-62.6						150	14115	3	-65.1	10.3	4	98	270	42
200	11762	0	-58.3	18.9	4	95	265	43	200	11989	0	-57.0	14.2					200	12321	1	-54.1	11.0	1	98	269	44
300	9170	0	-48.3	15.2	5	98	265	33	300	9337	0	-41.7	13.1					300	9607	1	-34.3	14.0	1	98	267	36
500	5613	0	-21.9	15.3	6	90	260	20	500	5699	0	-16.8	13.0					500	5834	0	-8.3	18.9	0	97	264	19
700	3050	0	-5.1	16.1	6	69	260	11	700	3093	0	-5	12.1					700	3142	0	7.2	19.6	0	83	246	7
850	1508	0	-4	9.2	6	22	250	1	836	*1754		1.4	7.4					850	1523	0	14.7	5.8	0	59	200	4
906	* 980		-1.5	1.3														1012	* 17		25.1	8.0				
<b>ASIA - SAUDI ARABIA</b> <b>ABHA</b> 41112 DEC 2002 1814N 04239E OB									<b>ASIA - UNITED ARAB EMIRATES</b> <b>ABU DHABI INTER. AIRPORT</b> 41217 DEC 2002 2426N 05439E OB 3									<b>ASIA - OMAN</b> <b>SEEB, INTERNATIONAL AIRPORT</b> 41256 DEC 2002 2335N 05817E OB 1								
030	23764	9	-57.2	23.6	9	47	90	2	030	23666	20	-57.1		9	83	228	6	030	23739	30	-56.6	31.8	9	99	169	3
050	20603	9	-67.9	15.7	9	68	284	3	050	20520	2	-66.4		2	94	262	9	050	20563	11	-66.5	11.7	9	87	261	9
100	16590	5	-75.2	9.8	6	93	269	19	100	16448	1	-73.1		2	98	266	34	100	16498	0	-73.6	19.6	1	99	268	31
150	14187	5	-65.7	11.0	5	97	276	31	150	14021	1	-65.0		2	97	269	42	150	14082	0	-65.6	8.2	0	98	265	40
200	12390	4	-53.8	11.9	4	94	271	31	200	12234	1	-55.9	18.7	1	96	270	45	200	12293	0	-56.0	16.0	0	89	265	43
300	9666	3	-33.4	14.0	3	97	267	23	300	9544	0	-36.0	16.5	0	97	268	40	300	9596	0	-33.0	20.0	0	92	273	38
500	5866	3	-6.0	20.7	3	92	261	12	500	5801	0	-10.3	24.9	0	95	268	22	500	5843	0	-9.0	26.0	0	96	266	21
700	3161	3	7.5	7.9	3	91	231	7	700	3135	0	4.3	14.9	0	84	276	9	700	3158	0	6.0	18.5	0	87	276	9
795	*2093		14.6	6.5					850	1531	0	12.8	13.0	0	60	279	4	850	1548	0	13.3	10.6	0	64	274	5
									1014	* 27		22.7	8.5					1016	* 8		19.8	6.7				



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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - INDIA CALCUTTA/DUM DUM</b> 42809 DEC 2002 2239N 08827E OB 3									<b>ASIA - INDIA NAGPUR SONEGAON</b> 42867 DEC 2002 2106N 07903E OB 3									<b>ASIA - INDIA BHUBANESWAR</b> 42971 DEC 2002 2015N 08550E OB 3								
030									030									030								
050	20568	4	-61.6		9	76	276	7	050	20620	9	-57.7		9	25	347	2	050	20663	10	-63.6					
100	16463	0	-74.1		4	95	274	25	100	16468	5	-74.7		5	91	272	15	100	16569	0	-75.2					
150	14057	0	-66.5		2	93	266	36	150	14087	3	-67.2		3	98	263	25	150	14167	0	-66.7					
200	12273	0	-54.9		0	94	264	40	200	12301	1	-56.1		1	97	260	30	200	12369	0	-54.4					
300	9563	0	-34.7		0	94	274	34	300	9603	0	-34.8		0	96	272	26	300	9645	0	-32.8					
500	5803	0	-8.5		0	93	284	20	500	5837	0	-8.1		0	94	280	14	500	5844	0	-6.2		0	96	279	15
700	3117	0	7.2		0	93	300	11	700	3148	0	6.7	16.6	0	83	293	6	700	3137	0	7.7		0	89	308	8
850	1505	0	13.8	12.7	0	90	320	6	850	1528	0	16.5	10.4	0	37	294	1	850	1517	0	14.5	13.1	0	80	341	5
1013	* 6		19.3	5.1					978	* 310		22.0	10.0					1009	* 46		21.0	6.9				
<b>ASIA - INDIA BOMBAY/SANTACRUZ</b> 43003 DEC 2002 1907N 07251E OB 3									<b>ASIA - INDIA HYDERABAD AIRPORT</b> 43128 DEC 2002 1727N 07828E OB 3									<b>ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR</b> 43150 DEC 2002 1742N 08318E OB 3								
030									030									030								
050									050	20631	7	-61.5		9	36	56	2	050								
100	16542	4	-74.8		4	94	263	15	100	16518	1	-77.6		2	81	274	8	100								
150	14133	2	-67.1		2	97	254	24	150	14185	0	-68.1		1	96	250	21	150	14165	0	-67.6		0	96	264	24
200	12342	0	-55.0		0	96	249	27	200	12407	0	-54.4		1	96	247	22	200	12370	0	-52.6		0	95	255	25
300	9629	0	-33.5		0	94	268	21	300	9680	0	-32.2		0	92	271	18	300	9634	0	-32.2	13.5	0	93	273	20
500	5839	0	-6.6		0	87	272	10	500	5869	0	-5.4		0	79	281	8	500	5836	0	-6.6	13.2	0	81	281	9
700	3138	0	8.7	21.2	0	48	255	3	700	3152	0	9.3	18.4	0	59	327	4	700	3130	0	9.2	20.0	0	74	322	5
850	1509	0	18.0	15.5	0	27	138	1	850	1520	0	17.8	9.9	0	67	62	3	850	1503	0	16.2	10.6	0	88	13	4
1009	* 14		25.1	9.0					952	* 545		22.6	10.0					1006	* 66		23.6	4.8				
<b>ASIA - INDIA GOA/PANJIM</b> 43192 DEC 2002 1529N 07349E OB 3									<b>ASIA - INDIA MADRAS/MINAMBAKKAM</b> 43279 DEC 2002 1300N 08011E OB 3									<b>ASIA - INDIA MANGALORE/PANAMBUR</b> 43285 DEC 2002 1257N 07450E OB 3								
030									030									030								
050									050	20663	7	-64.7		8	41	260	2	050								
100									100	16595	0	-77.2		0	34	287	3	100	16553		-78.3					
150	14179	9	-68.2		9	58	242	15	150	14213	0	-66.6		0	76	227	13	150	14193	2	-69.2					
200	12398	4	-55.2		4	93	237	19	200	12414	0	-53.1		0	82	222	13	200	12413	1	-55.5					
300	9676	2	-32.4		2	82	280	12	300	9674	0	-31.3		9	69	262	6	300	9693	0	-32.0		8	48	284	5
500	5860	1	-5.6		1	43	277	3	500	5859	0	-5.3		0	27	6	1	500	5876	0	-5.4		2	29	67	2
700	3147	0	10.2		0	23	62	2	700	3143	0	9.6	17.2	0	54	42	3	700	3159	0	10.4	17.0	5	5	68	3
850	1512	0	19.0	12.2	0	77	84	5	850	1513	0	16.5	15.7	0	89	51	7	850	1521	0	18.9	13.1	0	84	86	5
1004	* 60		26.3	7.3					1011	* 16		24.2	4.3					1008	* 31		25.6	6.0				

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - INDIA</b> <b>PORT BLAIR</b> 43333 DEC 2002 1140N 09243E OB 3									<b>ASIA - INDIA</b> <b>COCHIN/WILLINGDON</b> 43353 DEC 2002 0957N 07616E OB 3									<b>ASIA - INDIA</b> <b>MINICOY</b> 43369 DEC 2002 0818N 07309E OB 3								
030									030									030								
050									050									050								
100	16551	2	-80.9		5	14	62	2	100	16470	7	-80.0					100									
150	14213	0	-69.0		3	65	246	10	150	14129	4	-70.9					150									
200	12434	0	-54.1		3	63	243	9	200	12380	0	-57.4					200	12543	3	-51.9		3	65	175	7	
300	9697	0	-31.0	8.7	2	50	260	5	300	9688	0	-33.1					300	9769	2	-29.1		2	32	115	3	
500	5872	0	-5.1	11.6	0	20	82	1	500	5862	0	-5.9	10.4				500	5910	0	-3.0		0	78	77	4	
700	3152	0	9.8	7.4	0	63	112	3	700	3150	0	9.9	13.2				700	3168	0	12.1	10.6	0	74	79	4	
850	1513	0	17.8	2.4	0	80	87	5	850	1509	0	18.0	7.9				850	1517	0	20.0	7.9	5	85	71	4	
1002	* 79		26.1	3.1					1010	* 3		27.3	6.0				1010	* 2		27.5	4.4					
<b>ASIA - INDIA</b> <b>THIRUVANANTHAPURAM</b> 43371 DEC 2002 0829N 07657E OB 3									<b>ASIA - HONG KONG, CHINA</b> <b>KING'S PARK</b> 45004 DEC 2002 2219N 11410E OB 1									<b>ASIA - REPUBLIC OF KOREA</b> <b>OSAN AB</b> 47122 DEC 2002 3706N 12702E OB 3								
030	23762	6	-58.8						030	23731	2	-57.9	29.8	2	77	87	5	030	23791	2	-52.7	17.2	2	29	138	2
050	20576	2	-66.6		4	42	275	2	050	20564	2	-65.9	24.0	2	72	235	5	050	20508	1	-55.8	15.5	1	94	264	11
100	16552	0	-80.0		0	34	80	4	100	16525	1	-75.0	19.6	1	97	260	25	100	16108	1	-55.9	14.2	1	99	267	33
150	14196	0	-68.4		0	61	187	9	150	14121	1	-65.9	18.4	1	99	260	39	150	13520	1	-54.3	13.4	1	99	265	43
200	12415	0	-54.0		0	72	180	10	200	12329	0	-53.5	18.9	0	97	265	42	200	11672	1	-54.2	11.9	1	99	264	47
300	9679	0	-30.8		0	43	86	4	300	9605	0	-33.7	19.9	0	97	260	35	300	9060	0	-48.8	10.9	0	97	268	40
500	5855	0	-5.4		0	84	74	5	500	5830	0	-8.4	23.2	1	98	259	23	500	5529	0	-24.8	12.2	0	95	275	24
700	3139	0	9.9	11.5	0	51	81	3	700	3151	0	4.7	9.0	2	88	251	11	700	3007	0	-10.7	14.0	0	88	285	12
850	1500	0	17.7	6.4	0	75	56	3	850	1542	0	12.2	5.8	3	21	221	1	850	1497	0	-4.8	10.7	0	74	297	7
1003	* 64		26.9	5.4					1012	* 66		16.4	3.8				1020	* 52		-4	4.7					
<b>ASIA - REPUBLIC OF KOREA</b> <b>POHANG</b> 47138 DEC 2002 3602N 12923E OB 3									<b>ASIA - REPUBLIC OF KOREA</b> <b>KWANGJU AB</b> 47158 DEC 2002 3507N 12649E OB 3									<b>ASIA - JAPAN</b> <b>WAKKANAI</b> 47401 DEC 2002 4525N 14141E OB 2								
030	23763	0	-53.5		0	22	119	1	030	23791	0	-53.5	15.4	0	36	98	2	030	23780	2	-46.5		3	71	167	4
050	20501	0	-57.1		0	93	262	10	050	20526	0	-57.1	13.9	0	95	268	10	050	20401	1	-48.1		2	93	248	10
100	16138	0	-57.7		0	99	265	34	100	16173	0	-58.8	13.1	0	99	265	35	100	15824	0	-47.8		0	97	264	24
150	13569	0	-55.2		0	99	263	48	150	13610	0	-55.8	12.9	0	99	263	49	150	13152	0	-48.8		0	98	264	31
200	11725	0	-53.8		0	98	263	51	200	11771	0	-54.3	12.3	0	99	264	53	200	11262	0	-49.0		0	96	267	33
300	9101	0	-47.9	32.0	0	97	265	43	300	9144	0	-47.2	11.0	0	97	266	42	300	8622	0	-51.0		0	94	271	37
500	5553	0	-23.5	16.2	0	96	272	26	500	5578	0	-22.0	12.2	0	96	272	25	500	5203	0	-36.1	10.4	0	90	278	26
700	3018	0	-9.3	19.5	0	86	285	11	700	3028	0	-8.1	12.9	0	89	287	13	700	2808	0	-23.7	10.2	0	88	277	13
850	1498	0	-3.4	12.9	0	57	317	6	850	1504	0	-2.7	9.8	0	63	317	6	850	1369	0	-16.0	1.9	0	85	281	9
1024	* 6		3.9	8.3					1024	* 13		1.9	3.7				1014	* 11		-4.5	6.1					

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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
<b>ASIA - JAPAN SAPPORO</b> 47412 DEC 2002 4303N 14120E OB 2									<b>ASIA - JAPAN NEMURO</b> 47420 DEC 2002 4320N 14535E OB 2									<b>ASIA - JAPAN AKITA</b> 47582 DEC 2002 3943N 14006E OB 2								
030	23789	1	-48.0		2	64	167	3	030	23794	2	-47.5		3	67	175	3	030	23770	2	-50.6		4	44	186	2
050	20437	1	-50.8		1	94	249	11	050	20439	1	-50.2		1	93	248	10	050	20460	0	-54.0		0	96	256	11
100	15904	0	-50.6		0	98	262	30	100	15911	0	-49.6		0	98	260	27	100	16004	0	-54.7		0	98	264	35
150	13258	0	-49.8		0	98	264	36	150	13256	0	-49.3		0	99	263	37	150	13405	0	-53.0		0	99	263	45
200	11374	0	-49.7		0	98	264	38	200	11368	0	-49.1		0	98	262	41	200	11549	0	-52.6		0	98	260	47
300	8744	0	-50.9		0	94	268	44	300	8726	0	-50.4		0	95	266	45	300	8919	0	-48.5		0	95	264	45
500	5294	0	-32.0	11.5	0	93	272	32	500	5274	0	-32.3	10.1	0	93	270	33	500	5415	0	-28.4	9.5	0	93	270	28
700	2854	0	-19.9	12.7	0	95	283	18	700	2839	0	-19.8	13.1	0	94	275	17	700	2930	0	-15.1	9.8	0	94	272	19
850	1400	0	-13.6	2.7	0	91	291	10	850	1382	0	-13.1	5.4	0	86	280	9	850	1444	0	-8.6	2.5	0	90	280	10
1015	* 26		-3.4	6.5					1011	* 39		-3.1	6.3					1020	* 7		.9	3.9				
<b>ASIA - JAPAN WAJIMA</b> 47600 DEC 2002 3723N 13654E OB 2									<b>ASIA - JAPAN TATENO</b> 47646 DEC 2002 3603N 14008E OB 2									<b>ASIA - JAPAN HACHIJOJIMA/OMURE</b> 47678 DEC 2002 3307N 13947E OB 2								
030	23758	2	-52.6		3	25	207	1	030	23764	1	-53.1		1	42	150	2	030	23750	4	-55.0		5	22	124	1
050	20485	1	-55.7		1	97	258	12	050	20503	1	-57.1		1	95	254	12	050	20519	1	-60.0		2	98	253	12
100	16102	0	-56.7		0	99	260	35	100	16160	0	-59.6		0	99	262	39	100	16264	0	-64.5		1	98	259	42
150	13516	0	-53.6		0	99	263	48	150	13604	0	-55.5		0	99	261	54	150	13760	0	-59.6		0	99	259	59
200	11666	0	-53.1		0	98	262	55	200	11766	0	-53.8		0	97	260	62	200	11942	0	-54.4		0	98	259	65
300	9033	0	-47.5		0	96	263	47	300	9121	0	-45.1		0	96	260	52	300	9275	0	-40.8		0	97	260	57
500	5496	0	-25.2	11.5	0	94	270	27	500	5543	0	-22.0	12.4	0	96	262	31	500	5631	0	-17.9	10.8	0	97	264	33
700	2983	0	-11.4	10.4	0	92	278	14	700	2997	0	-8.1	13.1	0	93	275	15	700	3044	0	-3.9	13.4	1	95	265	16
850	1474	0	-4.5	3.7	0	55	283	5	850	1468	0	-1.0	6.6	0	75	269	6	850	1492	0	3.0	3.3	1	62	267	7
1020	* 14		4.7	3.8					1015	* 31		3.1	3.8					1000	* 153		12.0	4.8				
<b>ASIA - JAPAN YONAGO</b> 47744 DEC 2002 3526N 13321E OB 2									<b>ASIA - JAPAN SHIONOMISAKI</b> 47778 DEC 2002 3327N 13546E OB 2									<b>ASIA - JAPAN FUKUOKA</b> 47807 DEC 2002 3335N 13023E OB 2								
030	23756	3	-53.5		3	17	189	1	030	23760	1	-54.5		2	28	214	1	030	23747	1	-54.6		1	24	238	1
050	20503	0	-57.7		1	98	259	12	050	20527	1	-59.6		1	98	255	12	050	20513	0	-58.8		0	96	256	11
100	16160	0	-59.2		0	99	263	37	100	16249	0	-63.2		0	99	260	40	100	16222	0	-62.5		0	99	263	39
150	13604	0	-55.8		0	99	262	52	150	13729	0	-58.0		0	99	261	58	150	13696	0	-57.9		0	99	259	54
200	11765	0	-53.9		0	98	260	58	200	11904	0	-54.2		0	98	259	64	200	11868	0	-54.0		0	98	259	60
300	9126	0	-46.4		0	98	262	48	300	9243	0	-42.3		0	98	260	54	300	9215	0	-43.7		0	98	262	50
500	5556	0	-21.8	14.1	0	96	270	29	500	5625	0	-19.3	11.4	0	98	266	30	500	5615	0	-20.0	12.8	0	97	267	27
700	3013	0	-8.9	11.3	0	90	286	12	700	3044	0	-4.3	17.8	0	94	273	15	700	3042	0	-5.8	15.8	0	86	280	12
850	1492	0	-2.6	4.2	0	57	300	5	850	1497	0	1.8	8.4	0	60	281	6	850	1507	0	-.3	6.9	1	55	305	5
1021	* 8		7.0	4.3					1012	* 75		9.9	6.6					1021	* 15		9.3	6.9				

# UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - JAPAN</b> <b>KAGOSHIMA</b> <b>47827</b> DEC 2002 3133N 13033E OB 2									<b>ASIA - JAPAN</b> <b>NAZE/FUNCHATOGE</b> <b>47909</b> DEC 2002 2823N 12933E OB 2									<b>ASIA - JAPAN</b> <b>ISHIGAKIJIMA</b> <b>47918</b> DEC 2002 2420N 12410E OB 2								
030	23743	2	-55.6		2	21	207	1	030	23736	3	-56.9		3	33	241	2	030	23728	5	-58.0		5	23	173	1
050	20531	0	-60.6		0	96	254	10	050	20546	3	-63.1		3	95	248	8	050	20565	5	-65.3		5	92	242	5
100	16297	0	-65.3		1	99	263	41	100	16403	0	-70.5		0	99	260	39	100	16502	0	-75.2		0	99	259	32
150	13802	0	-60.1		1	99	261	58	150	13957	0	-63.3		0	99	260	54	150	14097	0	-65.8		0	99	260	43
200	11986	0	-54.5		0	98	259	63	200	12157	0	-54.6		0	98	261	57	200	12303	0	-53.9		0	97	265	47
300	9313	0	-40.8		0	99	259	53	300	9459	0	-36.3	11.5	0	98	256	52	300	9585	0	-34.2	11.0	0	97	257	40
500	5668	0	-17.2	15.3	0	98	267	29	500	5743	0	-13.2	16.8	0	98	263	30	500	5818	0	-9.6	15.6	0	98	260	26
700	3069	0	-2.6	15.3	0	91	271	16	700	3112	0	.4	12.0	0	92	272	13	700	3150	0	4.0	8.8	0	87	253	10
850	1514	0	2.7	6.8	0	62	285	7	850	1535	0	7.0	2.9	0	66	303	6	850	1550	0	10.6	2.2	0	30	43	2
1018	* 31		11.3	5.7					986	* 295		14.6	3.0					1019	* 7		20.5	5.0				
<b>ASIA - JAPAN</b> <b>NAHA</b> <b>47936</b> DEC 2002 2612N 12741E OB 2									<b>ASIA - JAPAN</b> <b>MINAMIDAITOJIMA</b> <b>47945</b> DEC 2002 2550N 13114E OB 2									<b>ASIA - JAPAN</b> <b>CHICHIJIMA</b> <b>47971</b> DEC 2002 2705N 14211E OB 3								
030	23739	7	-57.4		7	10	135	1	030	23727	4	-57.8		4	33	200	1	030	23734	5	-57.5		5	46	96	2
050	20566	6	-64.7		7	94	244	6	050	20563	2	-65.7		3	91	247	6	050	20564	4	-66.4		4	96	242	7
100	16467	0	-73.2		0	99	260	39	100	16492	0	-74.1		0	99	258	35	100	16491	0	-74.1		0	99	258	35
150	14044	0	-64.8		0	99	261	49	150	14075	0	-65.3		0	99	260	47	150	14074	0	-64.1		0	96	257	46
200	12249	0	-54.3		0	97	263	53	200	12281	0	-54.1		0	98	262	48	200	12277	0	-54.3		0	97	261	48
300	9540	0	-34.9	10.9	0	98	256	45	300	9567	0	-34.4	9.3	0	98	256	43	300	9565	0	-34.6	10.8	0	97	261	42
500	5791	0	-11.2	15.9	0	98	263	28	500	5805	0	-9.8	15.7	0	97	258	26	500	5805	0	-9.2	17.8	0	96	258	28
700	3136	0	2.9	10.4	0	91	264	13	700	3139	0	3.5	10.7	1	91	264	12	700	3136	0	4.5	13.7	0	90	262	14
850	1545	0	9.0	4.4	0	35	324	3	850	1544	0	9.8	4.1	1	57	309	5	850	1535	0	10.4	6.0	0	57	277	5
1018	* 27		19.1	5.6					1018	* 20		18.9	3.2					1018	* 8		20.3	4.1				
<b>ASIA - JAPAN</b> <b>MINAMITORISHIMA</b> <b>47991</b> DEC 2002 2418N 15358E OB 3									<b>ASIA - THAILAND</b> <b>CHIANG MAI</b> <b>48327</b> DEC 2002 1847N 09859E OB 1									<b>ASIA - THAILAND</b> <b>BANGKOK</b> <b>48455</b> DEC 2002 1344N 10034E OB 1								
030	23737	8	-58.0		8	80	93	4	030	23746	6	-57.8		9	71	70	3	030								
050	20589	8	-68.1		8	25	165	1	050	20585	5	-67.4		6	76	280	5	050								
100	16592	0	-77.1		0	96	258	21	100	16585	1	-77.2		1	96	275	19	100	16634	7	-78.5					
150	14207	0	-65.8		0	97	259	34	150	14201	0	-66.1		1	2	265	29	150	14264	7	-67.0	12.0	7	9	245	2
200	12406	0	-53.1		0	96	263	33	200	12405	0	-52.4		0	97	265	29	200	12474	6	-52.2	12.4	6	10	225	2
300	9677	0	-32.7	11.2	0	96	265	28	300	9667	0	-30.9		0	94	280	22	300	9726	6	-29.8	14.6	6	15	230	2
500	5885	0	-6.6	17.8	0	94	256	17	500	5864	0	-5.1	22.3	0	92	275	13	500	5894	6	-4.0	14.6	6	30	120	2
700	3177	0	8.8	17.1	0	79	252	8	700	3146	0	8.2	12.5	0	99	255	8	700	3174	7	10.0	9.3	7	53	125	2
850	1551	0	14.4	5.0	0	26	190	2	850	1519	0	17.1	5.0	0	62	210	3	850	1533	7	18.8	5.1	7	67	105	3
1017	* 9		24.4	4.3					978	* 314		20.2	1.4					1013	* 20		24.8	2.2				

# UPPER AIR

# DECEMBER 2002

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ASIA - CHINA HAILAR</b> 50527 DEC 2002 4913N 11945E OB 3								<b>ASIA - CHINA URUMQI</b> 51463 DEC 2002 4347N 08737E OB 3								<b>ASIA - CHINA BEIJING</b> 54511 DEC 2002 3956N 11617E OB 3										
030	23741	0	-44.6	7.5	0	88	271	14	030	23593	2	-52.6	9.8	4	92	253	12	030	23750	6	-52.1	22.1	6	20	355	1
050	20334	0	-46.0	6.7	0	95	275	18	050	20320	2	-55.1	9.2	4	95	262	18	050	20461	5	-53.9	21.4	5	91	275	10
100	15759	0	-49.5	5.6	0	92	282	22	100	15924	1	-57.9	8.4	2	96	271	25	100	16018	3	-54.4	20.2	4	96	275	25
150	13116	0	-51.4	4.9	0	92	288	23	150	13363	1	-57.6	8.1	2	0	273	28	150	13417	3	-53.8	19.6	4	0	273	32
200	11259	0	-54.4	4.4	0	92	293	24	200	11560	1	-61.3	7.2	2	96	275	27	200	11571	3	-55.4	17.6	3	97	274	32
300	8681	0	-55.0	4.0	0	83	303	25	300	9026	1	-53.5	5.6	1	96	275	27	300	8994	1	-52.1	15.1	1	90	276	28
500	5286	0	-36.0	4.3	0	86	311	19	500	5535	0	-27.0	7.4	0	94	280	17	500	5508	0	-27.1	16.9	0	85	284	17
700	2881	0	-22.8	4.0	0	93	317	14	700	3025	0	-10.8	8.7	0	43	316	3	700	3012	0	-13.3	16.3	0	83	292	10
850	1445	0	-19.0	2.4	0	88	313	7	850	1527	0	-11.3	3.5	0	40	84	2	850	1516	0	-7.8	16.3	0	67	299	6
952	* 611		-26.6	1.8					918	* 919		-12.7	2.5					1028	* 55		-4.8	6.0				
<b>ASIA - CHINA LHASA</b> 55591 DEC 2002 2940N 09108E OB 3								<b>ASIA - CHINA KUNMING</b> 56778 DEC 2002 2501N 10241E OB 3								<b>ASIA - CHINA SHANGHAI</b> 58362 DEC 2002 3124N 12128E OB 3										
030	23665	0	-56.9		0	0	156	0	030	23703	3	-56.5		9	40	67	2	030	23708	4	-56.0		7	67	65	4
050	20478	0	-65.0		0	86	270	6	050	20511	1	-65.3		9	78	274	7	050	20504	3	-60.8		3	91	269	10
100	16323	0	-68.4		0	97	271	36	100	16444	0	-73.2		9	97	270	35	100	16271	0	-65.2		0	97	263	37
150	13848	0	-61.0	10.5	0	98	271	48	150	14016	0	-64.1	9.5	5	0	266	48	150	13770	0	-59.4	10.0	0	98	261	51
200	12038	0	-55.1	10.2	0	98	275	51	200	12214	0	-53.6	11.7	1	98	267	53	200	11951	0	-54.8	9.8	0	98	263	59
300	9382	0	-42.1	11.0	0	94	281	33	300	9504	0	-36.2	14.0	0	98	267	43	300	9296	0	-42.8	9.4	0	98	258	48
500	5732	0	-14.3	14.5	0	89	268	8	500	5774	0	-10.9	18.0	0	96	271	23	500	5676	0	-18.3	10.8	0	96	263	23
653	*3650		-4.5	12.0					700	3114	0	2.7	7.3	0	0	265	14	700	3086	0	-3.3	10.3	0	92	275	12
									813	*1892		7.2	3.0					850	1536	0	1.0	8.1	0	38	284	3
																		1027	* 4		6.7	3.2				
<b>AFRICA - MADEIRA FUNCHAL</b> 08522 DEC 2002 3238N 01654W OB 3								<b>AFRICA - MOROCCO CASABLANCA</b> 60155 DEC 2002 3334N 00740W OB 1								<b>AFRICA - ALGERIA DAR-EL-BEIDA</b> 60390 DEC 2002 3643N 00315E OB 3										
030	23738	2	-55.8		2	19	336	1	030	23691	25	-57.7	31.3	9	68	297	7	030								
050	20532	2	-61.9		2	49	281	2	050	20521	14	-62.2	30.0	9	61	273	4	050	20494	9	-61.5					
100	16301	2	-65.7		3	88	278	7	100	16299	4	-66.0	27.0	4	89	278	18	100	16222	1	-62.2		3	93	280	18
150	13829	1	-64.6		2	78	269	8	150	13817	0	-63.8	22.1	2	85	278	22	150	13700	1	-60.6		3	88	290	24
200	12059	1	-60.8		2	73	269	10	200	12048	0	-60.5	15.2	2	75	277	23	200	11905	1	-59.0		1	75	290	24
300	9441	1	-42.2		1	62	267	6	300	9429	0	-42.4	17.1	3	78	277	20	300	9294	0	-45.6		0	78	300	23
500	5769	1	-13.6	20.3	1	58	260	4	500	5762	0	-13.7	22.4	3	76	274	14	500	5686	0	-18.1	15.2	0	81	300	16
700	3127	1	3.2	25.1	1	48	253	3	700	3126	0	2.2	26.7	3	61	260	7	700	3089	0	-1.9	12.3	0	82	290	10
850	1532	1	9.6	12.0	1	20	255	1	850	1537	0	9.7	15.5	3	58	254	6	850	1521	0	6.6	8.4	0	83	280	9
1013	* 56		19.2	6.0					1014	* 62		15.0	2.1					1016	* 25		14.2	4.2				



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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
AFRICA - ALGERIA BECHAR 60571 DEC 2002 3137N 00214W OB 3									AFRICA - ALGERIA IN SALAH 60630 DEC 2002 2712N 00228E OB 2									AFRICA - ALGERIA TAMANRASSET 60680 DEC 2002 2247N 00531E OB 3								
030									030									030								
050									050	20538	6	-63.8						050								
100	16321	5	-66.2		8	90	280	19	100	16372	0	-68.6						100	16456	3	-72.1		5	96	255	26
150	13851	2	-64.3		4	88	280	25	150	13921	0	-64.1						150	14028	0	-65.1		2	96	260	35
200	12077	1	-59.9		4	83	280	25	200	12146	0	-59.1						200	12245	0	-57.0		1	94	260	33
300	9457	0	-42.5		0	80	290	20	300	9503	0	-40.7	20.3	9	76	290	14	300	9573	0	-38.0	17.1	2	91	270	24
500	5787	0	-13.5	20.2	0	84	290	15	500	5816	0	-12.1	29.8	5	76	290	10	500	5847	0	-10.0	25.9	1	86	285	12
700	3146	0	2.7	18.1	0	74	290	8	700	3160	0	4.6	36.8	3	72	300	6	700	3174	0	5.9	22.4	0	60	290	5
850	1556	0	10.3	13.3	0	53	270	4	850	1557	0	12.0	24.5	3	40	350	2	850	1556	0	16.9	21.2	0	25	235	1
929	* 773		13.4	10.3					990	* 293		30.7	16.1					870	*1378		18.2	19.8				
AFRICA - TUNISIA TUNIS-CARTHAGE 60715 DEC 2002 3650N 01014E OB 1									AFRICA - NIGER NIAMEY-AERO 61052 DEC 2002 1329N 00210E OB 2									AFRICA - SENEGAL DAKAR/YOFF 61641 DEC 2002 1444N 01730W OB 3								
030	23650	10	-57.4	27.0	9	91	283	12	030	23719	6	-57.6						030	23707	1	-57.7					
050	20453	4	-61.8	24.6	6	93	284	13	050	20572	4	-69.3						050	20565	1	-67.5	23.6	2	26	305	2
100	16168	1	-61.6	23.5	4	89	289	20	100	16556	3	-76.2						100	16493	1	-74.8	17.7	1	86	260	14
150	13635	0	-59.0	21.6	3	91	282	24	150	14177	3	-67.5						150	14103	0	-67.6	15.5	0	95	270	30
200	11834	0	-58.3	15.9	3	85	287	27	200	12388	2	-54.9						200	12327	0	-56.2	15.3	0	92	270	30
300	9227	0	-47.1	10.5	3	81	292	22	300	9670	2	-33.6	19.2					300	9631	0	-35.5	17.9	0	80	260	16
500	5644	0	-19.3	13.2	4	80	292	14	500	5885	2	-6.2	29.8					500	5868	0	-7.9	25.1	0	57	245	6
700	3056	0	-2.4	12.7	6	82	297	10	700	3176	2	10.2	34.3					700	3178	0	8.0	21.8	0	22	85	2
850	1492	0	5.4	6.0	6	91	298	11	850	1538	0	19.2	31.7					850	1546	0	19.1	22.8	0	69	85	4
1016	* 4		12.5	1.9					986	* 227		25.4	24.0					1012	* 24		24.4	6.6				
AFRICA - MAURITIUS VACOAS(MAURITIUS) 61995 DEC 2002 2018S 05730E OB 3									AFRICA - OCEAN ISLANDS (FRANCE) PORT-AUX-FRANCAIS (ILES KERG) 61998 DEC 2002 4921S 07015E OB 2									AFRICA - EGYPT MERSA MATRUH 62306 DEC 2002 3120N 02713E OB 3								
030									030									030								
050									050	20557	2	-49.9						050	20514	0	-61.6	1.2	0	96	270	14
100	16575	10	-78.9						100	16062	1	-52.7						100	16270	0	-64.5	2.7	0	97	270	31
150	14222	7	-67.5		6	85	295	16	150	13440	1	-52.0						150	13768	0	-59.8	11.1	0	96	270	40
200	12434	6	-52.9		2	86	285	14	200	11574	1	-51.5						200	11956	0	-56.0	17.5	0	95	270	41
300	9691	5	-31.3	11.7	0	87	275	11	300	8921	1	-45.7		3	85	268	32	300	9316	0	-43.5	18.5	0	92	270	32
500	5873	5	-5.2	12.0	0	71	280	5	500	5362	1	-23.2	14.8	1	85	275	23	500	5686	0	-16.7	22.0	0	88	275	19
700	3157	5	9.3	9.6	0	23	300	1	700	2817	0	-8.7	13.4	0	85	272	18	700	3075	0	-.7	21.7	0	77	275	9
850	1522	5	16.8	6.7	0	46	85	3	850	1296	0	-2.5	3.8	2	88	278	15	850	1506	0	6.5	9.3	0	73	280	6
965	* 425		21.9	2.0					995	* 30		7.6	5.9					1014	* 29		16.3	11.1				

# UPPER AIR

# DECEMBER 2002

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																																																																																																																																																																																																																																															
AFRICA - EGYPT HELWAN 62378 DEC 2002 2952N 03120E OB 3									AFRICA - EGYPT ASSWAN 62414 DEC 2002 2358N 03247E OB 3									AFRICA - SUDAN KHARTOUM 62721 DEC 2002 1536N 03233E OB 3																																																																																																																																																																																																																																																																												
030									030	23753	8	-56.2						030									050	20509	1	-62.3	.3	5	96	270	14	050	20595	0	-67.0				4	89	250	9	050														100	16286	0	-66.5	5.9	2	98	270	28	100	16506	0	-75.9				1	0	265	35	100	16563	7	-78.3				9	89	265	28	150	13812	0	-60.7	9.8	1	98	270	36	150	14113	0	-64.1				0	0	255	44	150	14191	7	-67.3				9	92	260	51	200	12002	0	-55.6	14.3	1	98	270	35	200	12312	0	-54.9	13.2	0	0	255	48	200	12401	7	-53.7				9	87	250	52	300	9347	0	-41.7	16.2	0	90	265	30	300	9606	0	-34.6	23.9	0	0	255	35	300	9675	7	-32.9	17.5	9	92	260	36	500	5691	0	-15.4	21.8	0	87	270	16	500	5836	0	-8.5		0	98	260	17	500	5864	7	-5.1	34.4	9	86	265	22	700	3068	0	.1	24.2	0	70	275	8	700	3139	0	9.5		0	87	230	4	700	3151	7	10.4	33.7	9	50	290	20	850	1497	0	6.7	10.1	0	68	275	5	850	1534	0	9.7	10.7	0	72	30	1	850	1511	7	18.8	31.9	9	42	35	12	1000	* 141		16.4	11.8					997	* 194		13.9	11.7					968	* 380		31.2	29.3				

# UPPER AIR

# DECEMBER 2002

LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
AFRICA - SOUTH AFRICA DURBAN INTNL. AIRPORT 68588 DEC 2002 2997S 03095E OB 3									AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 DEC 2002 3397S 01860E OB 3									AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 DEC 2002 3398S 02562E OB 3								
030	23811	4	-56.1		6	94	94	9	030	23834	18	-56.7		9	89	99	9	030	23825	7	-55.9		9	93	105	8
050	20629	2	-64.9		5	67	125	4	050	20650	15	-63.9		9	26	136	2	050	20632	4	-63.7		9	24	192	2
100	16518	1	-71.1		3	90	262	13	100	16481	2	-68.8		4	93	275	18	100	16471	3	-69.2		8	92	264	18
150	14088	1	-65.4		3	92	264	22	150	14022	2	-63.2		4	85	274	22	150	14017	2	-63.9		8	92	264	23
200	12305	1	-56.8	12.9	3	81	263	20	200	12229	1	-57.4	13.6	4	79	277	24	200	12228	1	-57.2	14.4	7	81	269	23
300	9620	0	-36.0	12.0	4	74	263	13	300	9557	0	-38.0	12.8	4	76	279	18	300	9557	1	-37.5	12.6	6	73	276	17
500	5864	0	-8.9	18.6	4	59	247	6	500	5823	0	-9.1	24.6	3	83	277	13	500	5818	1	-9.5	19.9	5	72	269	11
700	3175	0	8.1	9.5	3	58	265	4	700	3136	0	8.0	24.7	1	72	279	6	700	3135	1	7.4	23.7	5	62	279	6
850	1544	0	15.9	5.8	4	14	351	1	850	1509	0	16.5	18.4	1	11	242	1	850	1515	1	13.8	9.2	5	15	317	1
1016	* 14		21.9	2.7					1009	* 46		17.9	3.5					1008	* 69		18.5	2.4				
AFRICA - SOUTH AFRICA GOUGH ISLAND 68906 DEC 2002 4021S 00953W OB 3									AFRICA - SOUTH AFRICA MARION ISLAND 68994 DEC 2002 4653S 03752E OB 3									N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 DEC 2002 7118N 15647W OB 3								
030	24071	16	-52.7		9	82	89	5	030	23879	8	-50.0		8	84	124	4	030	23354	0	-55.6	11.7	0	98	285	38
050	20802	7	-56.0		7	54	292	3	050	20563	3	-53.5		4	79	243	6	050	20096	0	-54.9	11.6	1	97	278	28
100	16448	5	-60.9		5	90	285	22	100	16158	1	-57.3		2	92	261	24	100	15652	0	-53.5	11.4	1	94	262	15
150	13939	3	-59.3		4	91	282	30	150	13585	1	-55.5		3	92	262	35	150	13039	0	-52.6	10.9	0	87	252	10
200	12077	3	-56.9	9.0	4	89	282	37	200	11752	1	-54.9	17.1	2	91	263	42	200	11180	0	-53.3	10.1	0	70	241	8
300	9376	2	-41.9	10.8	2	87	284	34	300	9112	1	-44.0	9.9	2	88	263	43	300	8594	0	-54.9	7.9	0	40	233	7
500	5746	2	-16.6	14.4	2	85	277	22	500	5497	0	-18.7	10.9	0	91	263	32	500	5190	0	-33.8	8.3	0	31	214	5
700	3103	2	-1.1	15.3	2	88	283	17	700	2916	0	-4.7	15.3	0	93	262	22	700	2754	0	-18.7	8.1	0	9	166	1
850	1499	2	5.7		2	88	282	15	850	1374	0	.0	8.8	0	89	270	14	850	1289	0	-13.6	6.1	0	24	78	3
1005	* 54		12.7	3.2					1005	* 21		5.2	3.3					1007	* 4		-18.4	1.9				
N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 DEC 2002 6652N 16238W OB 3									N AMERICA - USA (ALASKA) NOME 70200 DEC 2002 6430N 16526W OB 3									N AMERICA - USA (ALASKA) ANCHORAGE/INT. 70273 DEC 2002 6110N 15001W OB 3								
030	23644	0	-49.2	27.4	2	97	281	26	030	23721	0	-47.0	25.8	0	97	281	20	030	23748	1	-49.1	25.6	2	94	299	16
050	20295	0	-49.2	27.2	0	96	267	21	050	20345	0	-47.6	25.6	0	94	264	15	050	20395	0	-48.8	25.3	0	94	281	11
100	15745	0	-48.9	26.5	0	92	246	12	100	15762	0	-47.3	24.7	0	87	235	10	100	15833	0	-48.1	24.7	0	78	255	7
150	13084	0	-49.1	24.8	0	83	228	9	150	13086	0	-48.1	22.3	0	78	215	8	150	13159	0	-48.1	23.1	1	68	232	7
200	11201	0	-50.7	19.7	1	70	210	8	200	11197	0	-49.9	18.3	0	64	197	7	200	11275	0	-51.3	17.3	1	67	212	8
300	8595	0	-54.1	8.9	0	45	205	9	300	8580	0	-53.9	8.3	0	50	167	9	300	8666	0	-52.3	8.8	1	51	205	10
500	5179	0	-33.1	8.6	0	49	176	6	500	5164	0	-33.0	8.0	0	40	154	5	500	5222	0	-30.8	9.1	0	70	181	9
700	2734	0	-17.6	9.2	1	47	168	4	700	2720	0	-17.7	5.8	0	36	138	4	700	2756	0	-15.0	7.3	0	85	158	9
850	1260	0	-11.1	3.9	0	36	135	3	850	1244	0	-10.5	3.4	1	35	108	3	850	1262	0	-6.4	2.9	0	66	127	5
1000	* 5		-11.6	2.5					998	* 7		-8.4	2.9					991	* 40		-4.3	1.5				



# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND																													
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED																								
																											hPa	gpm	° C	° C	%	°	mps	hPa	gpm	° C	° C	%	°	mps	hPa	gpm	° C	° C	%	°	mps			
<b>N AMERICA - USA</b> MEDFORD/MEDFORD- JACKSON COU 72597 DEC 2002 4222N 12252W OB 3									<b>N AMERICA - USA</b> CHANHASSEN, MN 72649 DEC 2002 4451N 09334W OB 2									<b>N AMERICA - USA</b> INT. FALLS/FALLS INT. MN. 72747 DEC 2002 4834N 09323W OB 3																																
030	23650	1	-56.6	16.9	2	60	4	5	030									9										030	23431	4	-63.0	20.3	6	92	300	20														
050	20421	0	-57.9	15.5	2	70	300	4	050	20329	6	-60.3	21.6	8	93	293	15	050	20259	3	-60.2	20.7	5	95	299	17																								
100	16058	0	-57.9	14.3	5	85	272	12	100	15982	6	-57.4	21.4	8	93	280	19	100	15892	2	-56.4	20.2	5	92	290	18																								
150	13495	0	-56.6	13.4	4	84	272	17	150	13415	3	-55.2	18.2	6	90	273	22	150	13308	1	-54.7	17.4	4	89	291	18																								
200	11678	0	-58.7	12.6	4	73	273	17	200	11587	5	-57.2	13.7	5	85	281	24	200	11470	1	-56.0	12.9	3	84	289	20																								
300	9092	0	-49.1	10.9	2	64	271	16	300	8997	2	-49.8	10.4	2	78	286	24	300	8884	1	-51.0	8.8	2	64	305	17																								
500	5548	0	-22.5	10.3	1	68	249	12	500	5459	1	-24.3	11.7	1	84	291	19	500	5383	1	-26.4	8.7	2	73	301	15																								
700	2991	0	-5.9	10.2	0	79	229	13	700	2924	1	-9.1	11.8	1	82	291	12	700	2876	1	-11.9	12.1	3	66	303	9																								
850	1446	0	2.5	5.9	0	79	194	7	850	1406	1	-4.3	9.7	1	65	284	8	850	1372	1	-7.5	7.1	3	51	294	6																								
967	* 405		4.0	1.6					980	* 287		-5.3	2.6															969	* 361		-10.3	1.8																		
<b>N AMERICA - USA</b> BISMARCK/MUN., ND. 72764 DEC 2002 4646N 10045W OB 3									<b>N AMERICA - USA</b> GREAT FALLS, MT 72649 DEC 2002 4451N 09334W OB 2									<b>N AMERICA - USA</b> SPOKANE, WA 72747 DEC 2002 4834N 09323W OB 3																																
030	23514	1	-60.6	14.2	9	89	315	13	030	23559	2	-59.8	11.0	2	88	324	13	030	23630	3	-56.4	16.7	5	81	334	10																								
050	20329	1	-59.5	14.3	7	95	299	11	050	20360	1	-58.6	11.2	1	88	304	10	050	20385	1	-57.1	15.4	3	82	293	8																								
100	15967	1	-56.8	14.1	8	90	281	13	100	15989	0	-56.6	11.2	0	87	292	11	100	15989	1	-56.3	14.0	5	84	271	10																								
150	13390	1	-55.9	13.1	8	89	287	14	150	13417	0	-56.9	10.2	0	82	283	14	150	13410	1	-55.6	11.3	7	79	264	12																								
200	11570	1	-58.5	11.2	6	79	285	15	200	11609	0	-60.3	8.5	0	72	285	15	200	11591	1	-59.0	8.8	5	70	265	14																								
300	8996	1	-50.5	9.6	7	59	303	14	300	9045	0	-50.8	8.0	0	69	284	18	300	9032	0	-51.3	8.0	2	62	255	17																								
500	5472	0	-24.0	12.1	5	76	295	14	500	5520	0	-23.3	9.8	0	76	285	12	500	5510	0	-24.2	7.3	2	79	247	13																								
700	2935	0	-8.4	9.5	6	77	298	11	700	2972	0	-7.1	10.3	0	88	273	11	700	2969	0	-7.6	6.5	2	86	237	10																								
850	1410	0	-3.0	7.9	8	61	288	6	850	1436	0	.5	9.0	2	89	233	9	850	1437	0	-1.4	3.1	5	68	207	6																								
953	* 506		-7.8	2.8					883	*1131		-2.5	5.8															929	* 728		.1	1.0																		
<b>N AMERICA - CANADA</b> NORMAN WELLS UA, N.W.T. 71043 DEC 2002 6517N 12645W OB 3									<b>N AMERICA - CANADA</b> HALL BEACH UA, N.W.T. 71081 DEC 2002 6846N 08113W OB 3									<b>N AMERICA - CANADA</b> ALERT UA, N.W.T. 71082 DEC 2002 8230N 06220W OB 3																																
030	23419	3	-59.0	29.2	4	97	311	35	030	22636	16	-74.0	21.2		89	328	32	030	22457	25	-76.9	16.5		80	15	14																								
050	20195	3	-56.1	29.8	3	95	301	26	050	19549	2	-71.5	20.7	4	84	320	21	050	19415	15	-74.8	16.5		42	22	5																								
100	15753	3	-52.8	29.5	3	91	288	17	100	15362	0	-62.9	22.2	1	76	315	12	100	15283	1	-67.2	16.7	7	14	315	2																								
150	13136	3	-52.0	25.2	4	87	282	14	150	12838	0	-58.3	21.2	1	65	308	9	150	12806	0	-62.1	16.0	8	21	184	3																								
200	11279	3	-53.9	16.2	4	77	275	14	200	11020	0	-57.1	17.9	1	57	302	8	200	11020	0	-60.1	13.1	7	32	193	5																								
300	8697	3	-54.4	6.8	4	70	279	15	300	8441	1	-55.3	10.2	2	43	296	7	300	8491	0	-57.5	8.3	9	30	196	5																								
500	5268	3	-31.1	7.4	4	78	272	12	500	5072	0	-36.9	9.1	1	36	275	5	500	5118	0	-37.2	9.0	7	42	189	6																								
700	2800	3	-15.0	7.8	4	72	281	7	700	2675	0	-23.7	6.8	1	29	293	3	700	2718	0	-22.8	10.9	7	48	188	5																								
850	1310	3	-8.8	5.3	4	41	276	4	850	1240	0	-19.1	4.9	2	24	315	2	850	1281	0	-20.0	8.2	8	26	201	3																								
998	* 95		-14.1	2.4					1004	* 6		-24.8	4.4															1008	* 65		-26.3	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>N AMERICA - CANADA</b> PORT HARDY UA, B.C. 71109 DEC 2002 5041N 12722W OB 3									<b>N AMERICA - CANADA</b> EDMONTON STONY PLAIN, ALTA 71119 DEC 2002 5332N 11406W OB 3									<b>N AMERICA - CANADA</b> SABLE ISLAND, N.S. 71600 DEC 2002 4356N 06001W OB 3								
030	23710	13	-54.8	29.3		83	333	10	030	23592	4	-58.1	30.4	2	93	322	20	030	23397	4	-62.8	27.4	5	95	263	27
050	20431	3	-53.7	29.0	4	67	312	6	050	20346	0	-56.9	30.9	0	91	311	14	050	20240	2	-62.3	26.6	3	95	267	24
100	15976	0	-53.2	28.3	1	87	261	10	100	15927	0	-54.4	29.1	1	82	291	13	100	15928	1	-58.5	26.6	3	94	264	30
150	13359	0	-52.7	23.7	1	85	250	12	150	13329	0	-54.7	22.7	0	80	283	14	150	13361	1	-55.4	25.1	2	92	266	34
200	11510	0	-55.3	16.8	1	82	242	17	200	11503	0	-58.3	13.6	2	68	273	14	200	11522	1	-54.5	20.7	2	89	267	37
300	8918	0	-51.1	8.6	1	75	228	20	300	8935	0	-51.7	7.2	2	66	278	16	300	8900	1	-48.0	14.8	2	82	267	35
500	5418	0	-26.1	9.8	1	75	219	13	500	5435	0	-26.3	10.2	1	76	288	12	500	5372	1	-25.7	14.7	1	78	267	22
700	2899	0	-9.3	6.8	1	77	199	10	700	2914	0	-9.4	15.1	0	72	286	7	700	2860	1	-11.0	12.8	1	73	270	14
850	1372	0	-9	1.6	1	79	172	8	850	1387	0	-3	12.2	0	57	285	5	850	1351	1	-5.1	9.4	1	60	281	10
1004	* 17		5.2	1.9					919	* 766		-5.5	3.7					1008	* 4		1.9	3.4				
<b>N AMERICA - CANADA</b> YARMOUTH, N.S. 71603 DEC 2002 4352N 06606W OB 3									<b>N AMERICA - CANADA</b> MANIWAKI, QUE. 71722 DEC 2002 4623N 07558W OB 3									<b>N AMERICA - CANADA</b> ST. JOHN'S UA, NLFD 71801 DEC 2002 4737N 05245W OB 3								
030	23426	1	-62.0	24.4	2	95	267	28	030	23358	3	-63.8	26.7	2	95	279	26	030	23248	10	-65.8	24.2	9	95	263	31
050	20272	1	-62.0	24.5	1	96	268	24	050	20213	3	-61.6	26.9	1	97	278	23	050	20134	7	-64.2	25.6	8	94	263	25
100	15954	1	-58.5	24.9	1	94	267	30	100	15886	1	-57.3	25.4	0	96	274	25	100	15852	4	-58.1	26.9	6	91	262	24
150	13386	2	-55.1	23.2	2	93	269	34	150	13300	0	-54.4	23.3	0	94	272	27	150	13280	4	-54.8	24.4	4	88	263	25
200	11538	1	-53.6	20.2	2	89	267	39	200	11456	0	-55.2	17.5	0	91	272	28	200	11439	4	-54.6	19.3	5	84	263	25
300	8913	1	-48.3	13.1	1	82	270	31	300	8853	0	-50.6	10.7	1	83	272	26	300	8823	4	-49.7	11.3	4	73	257	23
500	5390	0	-25.5	14.3	0	79	272	22	500	5360	0	-27.7	10.3	0	81	279	18	500	5318	4	-26.6	10.2	3	73	259	16
700	2876	0	-11.2	12.2	0	73	280	14	700	2868	0	-13.8	8.5	0	75	278	12	700	2811	4	-12.0	7.7	3	61	268	11
850	1370	0	-6.3	8.8	0	62	295	9	850	1376	0	-8.5	6.1	0	65	282	8	850	1308	4	-6.3	5.7	3	55	283	9
1006	* 9		-1.1	3.3					990	* 173		-8.9	1.4					985	* 140		-2.1	1.7				
<b>N AMERICA - CANADA</b> SEPT-ILES UA, QUE. 71811 DEC 2002 5013N 06615W OB 3									<b>N AMERICA - CANADA</b> STEPHENVILLE UA, NLFD 71815 DEC 2002 4834N 05834W OB 3									<b>N AMERICA - CANADA</b> GOOSE UA, NLFD. 71816 DEC 2002 5318N 06022W OB 3								
030	23165	0	-67.0	22.9	0	94	273	32	030	23235	0	-65.6	23.5	1	95	263	34	030	23022	2	-70.2	21.2	3	92	270	34
050	20060	0	-63.7	24.0	0	93	271	26	050	20122	0	-63.2	24.7	1	94	265	26	050	19952	2	-65.4	22.9	1	91	270	26
100	15748	0	-57.7	24.7	0	91	271	22	100	15806	0	-57.6	26.1	0	90	265	24	100	15667	2	-58.6	24.0	1	89	266	19
150	13168	0	-54.4	22.1	0	89	269	22	150	13228	0	-54.1	25.3	0	87	263	24	150	13098	2	-55.7	21.8	2	85	263	16
200	11327	0	-55.4	16.2	0	83	269	21	200	11381	0	-54.1	20.2	0	81	264	25	200	11264	2	-56.2	15.9	1	74	262	16
300	8736	0	-52.3	8.4	0	66	270	19	300	8773	0	-50.9	9.9	1	70	264	21	300	8676	1	-52.9	8.1	0	49	262	13
500	5274	0	-30.1	8.7	0	61	282	12	500	5287	0	-28.0	10.1	1	67	267	13	500	5227	0	-30.8	8.4	0	41	277	7
700	2807	0	-16.2	8.5	0	56	290	8	700	2797	0	-14.3	8.2	1	61	288	10	700	2768	0	-16.8	8.4	0	45	321	6
850	1327	0	-10.1	7.4	0	43	311	5	850	1308	0	-8.7	5.5	0	47	291	6	850	1296	0	-12.6	4.7	0	43	342	5
1003	* 53		-10.7	2.7					1002	* 60		-3.2	2.5					1001	* 36		-13.4	4.0				

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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> LA GRANDE IV, QUE. 71823 DEC 2002 5345N 07340W OB 3									<b>N AMERICA - CANADA</b> MOOSONEE, ONT. 71836 DEC 2002 5116N 08039W OB 3									<b>N AMERICA - CANADA</b> PICKLE LAKE, ONT. 71845 DEC 2002 5127N 09012W OB 2								
030	23022	0	-69.8	21.7	9	93	283	32	030	23203	0	-66.7	20.8	2	93	292	29	030	23312	1	-64.8	25.2	1	91	302	26
050	19953	0	-65.4	22.8	4	92	283	24	050	20090	0	-63.2	21.7	3	95	291	23	050	20154	0	-61.6	25.5	0	95	299	22
100	15662	0	-57.8	23.6	6	92	283	19	100	15759	0	-56.8	22.7	2	94	287	21	100	15805	0	-56.4	26.2	0	94	297	19
150	13086	0	-54.9	21.2	4	90	279	17	150	13173	0	-54.1	20.5	1	93	285	20	150	13218	0	-54.5	22.9	0	90	296	19
200	11247	0	-55.4	16.0	3	80	283	16	200	11319	0	-54.8	16.0	1	86	285	19	200	11380	0	-55.7	16.0	1	82	298	20
300	8662	0	-52.8	10.2	5	66	279	16	300	8729	0	-51.3	10.0	3	66	285	17	300	8791	0	-51.4	10.9	1	72	307	21
500	5226	0	-32.6	8.4	3	55	278	10	500	5265	0	-30.6	10.5	3	68	289	13	500	5315	0	-28.7	12.4	0	69	306	14
700	2782	0	-18.4	8.5	4	52	276	7	700	2804	0	-17.1	8.5	0	66	287	9	700	2829	0	-14.1	10.5	1	64	303	9
850	1319	0	-14.2	5.6	4	50	273	6	850	1329	0	-10.9	7.7	0	63	284	7	850	1340	0	-10.4	7.7	1	52	299	7
971	* 307		-17.1	2.1					1010	* 10		-12.1	2.2					963	* 389		-13.4	2.4				
<b>N AMERICA - CANADA</b> THE PASS UA, MAN 71867 DEC 2002 5358N 10106W OB 3									<b>N AMERICA - CANADA</b> KUUJUAQ, UA, QUE. 71906 DEC 2002 5807N 06825W OB 3									<b>N AMERICA - CANADA</b> INUKJUAQ, QUE 71907 DEC 2002 5827N 07807W OB 3								
030	23389	1	-63.3	27.9	1	93	313	26	030	22826	6	-73.5	20.5	9	92	287	31	030	22849	6	-72.6	20.6	6	91	300	31
050	20220	0	-59.6	28.3	0	95	309	21	050	19777	4	-69.0	22.0	5	89	282	23	050	19809	3	-67.9	21.5	3	92	298	27
100	15848	0	-55.6	27.9	0	88	300	18	100	15532	1	-60.2	22.4	3	87	278	16	100	15563	3	-59.7	21.0	4	90	298	18
150	13257	0	-54.7	22.2	0	84	301	18	150	12983	1	-56.9	19.9	3	79	275	14	150	12999	3	-56.5	17.8	3	84	295	15
200	11429	0	-57.3	14.0	0	80	302	20	200	11160	1	-57.3	14.3	3	59	275	11	200	11173	3	-56.8	13.2	3	67	295	13
300	8858	0	-52.1	7.7	0	67	308	19	300	8596	1	-54.7	7.2	2	48	280	11	300	8601	3	-53.9	8.0	4	47	293	11
500	5367	0	-26.9	8.6	0	72	316	14	500	5186	1	-34.0	7.7	2	42	279	8	500	5180	3	-33.7	6.3	3	41	288	7
700	2865	0	-12.3	11.1	0	64	321	9	700	2753	1	-19.8	7.5	2	44	277	6	700	2747	3	-19.8	10.4	3	37	280	5
850	1360	0	-6.9	9.8	0	42	315	5	850	1299	1	-15.9	7.4	2	46	274	5	850	1290	3	-14.5	7.7	3	32	268	4
978	* 274		-11.8	2.3					1003	* 60		-15.6	4.3					1003	* 6		-13.5	2.5				
<b>N AMERICA - CANADA</b> IQALUIT, N.W.T. 71909 DEC 2002 6345N 06833W OB 3									<b>N AMERICA - CANADA</b> CHURCHILL UA, MAN. 71913 DEC 2002 5844N 09405W OB 3									<b>N AMERICA - CANADA</b> CORAL HARBOUR UA, N.W.T. 71915 DEC 2002 6412N 08322W OB 3								
030	22684	18	-76.1	19.7		82	299	26	030	23167	4	-67.0	24.5	7	92	312	34	030	22728	8	-73.8	21.9	7	88	314	32
050	19604	7	-71.9	20.8	8	81	282	18	050	20012	1	-63.1	25.8	4	93	309	27	050	19692	1	-69.1	22.6	3	87	309	25
100	15414	5	-62.5	22.0	7	69	274	11	100	15680	1	-56.5	27.1	3	88	307	21	100	15467	1	-60.9	23.6	2	87	312	18
150	12895	2	-59.0	19.4	6	63	262	9	150	13097	1	-55.0	22.9	4	89	309	20	150	12926	1	-57.8	21.2	3	78	300	12
200	11085	2	-58.2	15.7	8	53	265	9	200	11259	1	-55.6	16.4	4	80	310	19	200	11105	1	-57.5	16.5	3	75	300	12
300	8521	2	-54.6	9.9	5	44	251	9	300	8683	1	-53.4	10.2	3	69	309	21	300	8537	1	-54.5	10.4	4	57	300	11
500	5116	2	-35.2	10.9	4	43	254	7	500	5242	1	-32.1	14.5	2	69	323	14	500	5139	1	-35.0	11.0	3	53	300	8
700	2703	2	-21.6	10.6	4	38	265	5	700	2792	1	-17.5	13.8	2	61	324	9	700	2719	1	-21.2	12.2	3	44	305	5
850	1255	2	-16.9	5.6	5	38	279	4	850	1322	1	-13.6	8.1	4	49	335	6	850	1272	1	-17.2	10.0	3	39	316	4
999	* 34		-17.0	3.5					1009	* 29		-18.4	4.3					999	* 57		-22.6	3.9				

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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> EUREKA UA, N.W.T. 71917 DEC 2002 7959N 08556W OB 3									<b>N AMERICA - CANADA</b> RESOLUTE UA, N.W.T. 71924 DEC 2002 7442N 09458W OB 3									<b>N AMERICA - CANADA</b> CAMBRIDGE BAY UA, N.W.T. 71925 DEC 2002 6908N 10504W OB 3								
030	22629	23	-72.5	17.8		97	343	34	030	22667	14	-71.9	19.6		97	332	41	030	22940	6	-68.3	23.1	8	95	321	41
050	19479	7	-72.7	17.7	8	82	342	15	050	19569	4	-70.5	19.4	8	92	326	27	050	19792	1	-65.8	22.2	4	93	316	30
100	15308	0	-65.3	18.1	4	62	338	8	100	15362	1	-62.2	19.8	5	86	324	17	100	15524	1	-58.9	21.8	4	90	315	21
150	12808	0	-60.2	17.7	4	29	336	4	150	12841	0	-58.4	19.1	4	77	322	12	150	12959	0	-55.5	20.4	4	88	314	18
200	11007	0	-58.5	14.9	2	16	5	2	200	11021	0	-56.6	16.4	4	71	323	10	200	11122	0	-54.9	16.5	4	82	310	15
300	8458	0	-56.6	9.5	3	11	58	2	300	8452	0	-55.4	10.0	5	53	325	9	300	8537	0	-54.6	8.9	4	67	304	16
500	5086	0	-37.8	10.6	2	13	122	2	500	5079	0	-37.7	8.4	3	40	336	6	500	5141	0	-35.6	9.4	3	63	310	10
700	2698	0	-24.7	8.8	2	9	122	1	700	2689	0	-24.1	6.8	3	22	8	3	700	2724	0	-21.1	10.0	2	50	313	7
850	1273	0	-20.1	6.6	2	22	125	2	850	1257	0	-19.7	6.4	3	16	47	2	850	1277	0	-16.9	7.6	4	41	317	5
1009	* 10		-27.6	5.5					998	* 40		-23.2	3.2					1006	* 26		-23.2	4.7				
<b>N AMERICA - CANADA</b> BAKER LAKE UA, N.W.T. 71926 DEC 2002 6419N 09600W OB 3									<b>N AMERICA - CANADA</b> FORT SMITH UA, N.W.T. 71934 DEC 2002 6002N 11156W OB 3									<b>N AMERICA - CANADA</b> FORT NELSON UA, B.C. 71945 DEC 2002 5850N 12236W OB 3								
030	22979	9	-69.0	25.8	6	92	317	38	030	23394	3	-61.2	27.1	2	95	316	30	030	23586	3	-57.1	31.1	3	94	318	25
050	19847	5	-65.9	26.7	3	92	314	30	050	20184	0	-59.1	26.6	0	93	311	24	050	20333	2	-55.3	31.3	3	93	305	18
100	15567	5	-59.2	27.2	3	89	312	21	100	15791	0	-54.8	26.2	0	87	299	17	100	15882	0	-52.4	31.1	0	84	283	13
150	13008	5	-56.6	23.6	3	84	309	18	150	13192	0	-54.1	22.8	0	80	292	16	150	13259	0	-52.7	25.9	0	77	269	12
200	11180	5	-56.6	18.3	3	81	304	17	200	11354	0	-56.2	15.2	0	78	290	18	200	11412	0	-55.6	16.7	0	76	265	14
300	8606	4	-54.6	9.0	3	73	300	16	300	8783	0	-52.8	8.7	0	67	286	19	300	8832	0	-52.8	7.8	0	65	257	15
500	5196	4	-33.7	8.7	2	65	303	12	500	5323	0	-29.5	9.2	0	77	288	14	500	5371	0	-28.0	10.0	0	75	263	11
700	2761	4	-19.1	10.1	2	65	305	9	700	2838	0	-13.0	11.6	0	70	284	8	700	2868	0	-10.8	11.0	0	70	274	7
850	1303	4	-15.8	8.7	4	58	308	7	850	1337	0	-6.5	8.3	0	49	264	5	850	1348	0	-2.0	8.8	0	54	271	5
1008	* 50		-23.8	3.8					984	* 203		-13.1	1.4					961	* 378		-15.3	2.4				
<b>N AMERICA - CANADA</b> INUVIK UA, N.W.T. 71957 DEC 2002 6819N 13332W OB 3									<b>N AMERICA - CANADA</b> WHITEHORSE, UA, Y.T. 71964 DEC 2002 6042N 13504W OB 3									<b>N AMERICA - ST. MARTIN, ST. BARTH., GUAD.</b> LE RAIZET, GUADELOUPE 78897 DEC 2002 1616N 06131W OB 3								
030	23349	0	-59.3	27.2	2	98	305	38	030	23634	2	-53.9	32.3	2	96	312	22	030								
050	20133	0	-57.0	27.6	1	97	298	28	050	20343	2	-52.2	32.7	2	95	300	14	050	20558	3	-68.1		3	67	89	4
100	15708	0	-53.5	27.5	1	94	287	17	100	15847	2	-50.5	32.0	2	83	277	9	100	16583	1	-79.4		1	82	302	7
150	13093	0	-52.6	23.5	2	85	279	13	150	13203	2	-51.1	29.3	3	81	251	10	150	14218	1	-66.8		1	94	289	15
200	11239	0	-54.0	16.1	1	76	272	12	200	11339	2	-53.7	21.5	3	73	240	9	200	12426	1	-53.3		1	88	295	15
300	8660	0	-55.0	6.8	3	63	270	13	300	8755	2	-53.5	8.8	3	73	231	13	300	9696	1	-32.5	23.1	1	58	335	7
500	5238	0	-31.6	9.5	2	58	262	8	500	5306	2	-30.5	8.3	3	73	220	9	500	5890	1	-5.9	32.1	1	68	86	7
700	2776	0	-15.6	6.9	2	48	253	5	700	2820	1	-12.8	8.4	2	72	213	7	700	3176	1	8.7	21.6	2	79	92	8
850	1293	0	-11.4	3.5	2	23	248	2	850	1314	1	-6.4	4.5	2	84	155	7	850	1549	1	15.5	5.3	3	88	94	8
999	* 103		-14.8	1.5					919	* 704		-9.6	3.1					1016	* 11		25.0	3.5				



# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED			
																											hPa	gpm	°C
<b>N AMERICA - CURACAO AND BONAIRE</b> <b>HATO AIRPORT, CURACAO</b> 78988 DEC 2002 1212N 06858W OB 3																													
030	23760	3	-56.8		3	96	84	7	030									030											
050	20609	2	-67.2		3	78	73	3	050									050	20579	12	-68.2		9	71	297	10			
100	16610	0	-79.0		0	48	309	3	100									100	16606	5	-80.7		9	34	204	6			
150	14244	0	-66.5		0	84	264	10	150									150	14251	4	-66.4		9	48	204	10			
200	12449	0	-53.0		0	88	264	11	200									200	12457	3	-52.8		6	63	222	12			
300	9705	0	-30.8	14.9	0	71	308	7	300	9710	17	-31.6	16.4	9	51	176	12	300	9718	3	-30.4	16.1	7	32	178	4			
500	5872	0	-4.2	13.4	0	81	85	6	500	5875	7	-4.5	20.9	8	39	121	8	500	5872	1	-4.4	16.9	6	35	82	4			
700	3155	0	9.3	11.8	0	72	98	6	700	3154	7	9.1	19.6	7	75	73	12	700	3151	1	9.0		4	85	108	6			
850	1510	0	17.0	4.4	0	98	99	10	850	1525	7	16.1	4.9	7	74	78	12	752	*2546		9.1	.9							
1007	* 62		25.9	4.0					1013	* 6		26.8	3.1																
<b>N AMERICA - COLOMBIA</b> <b>SAN ANDRES (ISLA)/SESQUICENT</b> 80001 DEC 2002 1235N 08143W OB 2																													
<b>S AMERICA - COLOMBIA</b> <b>BOGOTA/ELDORADO</b> 80222 DEC 2002 0442N 07408W OB 3																													
<b>S AMERICA - COLOMBIA</b> <b>LETICIA/VASQUEZ COBO</b> 80398 DEC 2002 0433S 06932W OB 2																													
030	23596	5	-60.6		5	53	117	8	030	23821	8	-59.1	23.7	8	62	123	4	030	23832	7	-59.8	24.1	9	54	98	4			
050	20511	3	-69.0		4	63	268	12	050	20664	7	-66.2	20.2	7	81	275	9	050	20676	5	-66.4	24.7	6	83	264	8			
100	16609	3	-81.0		5	31	173	6	100	16660	4	-79.6	12.8	4	81	269	11	100	16667	3	-80.7	11.2	3	20	266	2			
150	14261	3	-67.4		4	40	168	8	150	14285	3	-65.7	14.9	3	52	240	6	150	14304	3	-66.1	13.9	3	67	168	6			
200	12464	3	-53.0		3	55	139	12	200	12481	3	-52.2	16.1	3	79	192	11	200	12502	2	-51.9	15.3	2	67	152	6			
300	9722	3	-29.2	9.3	3	70	133	10	300	9728	3	-30.0	19.4	3	62	231	4	300	9741	2	-29.6	15.9	2	44	114	2			
500	5876	2	-5.0	4.1	2	47	125	4	500	5890	3	-5.5	6.9	3	60	268	3	500	5897	2	-5.1	7.1	2	58	118	4			
700	3155	2	9.3	3.9	2	78	61	10	700	3168	3	9.7	9.7	4	88	86	8	700	3171	2	9.7	4.7	2	83	73	5			
850	1515	2	18.1	3.9	2	91	39	12	850	1528	3	17.9	3.9	3	97	83	10	850	1531	2	17.9	1.6	2	94	58	8			
1002	* 84		23.7	.6					1011	* 16		27.4	3.8					1003	* 84		26.1	1.6							
<b>S AMERICA - BRAZIL</b> <b>BELEM (AEROPORTO)</b> 82193 DEC 2002 0123S 04829W OB 2																													
<b>S AMERICA - BRAZIL</b> <b>MANAUS (AEROPORTO)</b> 82332 DEC 2002 0309S 05959W OB 2																													
<b>S AMERICA - BRAZIL</b> <b>FORTALEZA</b> 82397 DEC 2002 0346S 03836W OB																													
030	23867	14	-61.7		9	69	90	5	030	23815	11	-58.0	24.3	9	67	94	5	030	23713	7	-56.1		9	53	101	4			
050	20566	6	-69.1		6	47	275	5	050	20662	8	-66.5	20.4	8	33	294	2	050	20593	4	-67.6		7	17	232	1			
100	16574	1	-79.8		1	89	259	16	100	16614	7	-80.1	10.0	8	90	248	13	100	16592	2	-79.8		5	65	242	8			
150	14210	1	-66.8		1	59	241	11	150	14230	6	-65.7	18.0	7	65	223	13	150	14238	2	-67.3		4	65	175	10			
200	12420	1	-53.8		1	68	210	13	200	12428	6	-52.8	20.2	7	75	199	15	200	12447	2	-53.5		4	80	174	14			
300	9690	1	-32.0	18.7	1	73	225	8	300	9690	5	-32.1	22.4	6	67	209	8	300	9705	2	-31.0	19.0	3	74	176	9			
500	5878	1	-6.6	12.6	1	20	293	1	500	5880	4	-6.5	18.8	6	33	74	2	500	5879	2	-6.0	12.0	3	55	129	3			
700	3165	1	9.7	14.7	1	99	102	9	700	3167	4	9.8	16.0	5	88	92	7	700	3171	2	9.1	8.2	4	71	93	5			
850	1529	1	16.8	5.9	1	92	98	9	850	1532	4	16.5	4.7	4	92	95	7	850	1534	2	18.2	4.3	4	76	75	5			
1011	* 26		28.8	5.5					1009	* 52		30.0	4.8					1000	* 123		26.8	4.6							
<b>S AMERICA - BRAZIL</b> <b>NATAL (AEROPORTO)</b> 82599 DEC 2002 0555S 03515W OB 2																													
<b>S AMERICA - BRAZIL</b> <b>FLORIANO</b> 82678 DEC 2002 0646S 04301W OB 2																													

# UPPER AIR

# DECEMBER 2002

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>S AMERICA - BRAZIL</b> <b>CAROLINA</b> 82765 DEC 2002 0720S 04728W OB 2									<b>S AMERICA - BRAZIL</b> <b>RECIFE (CURADO)</b> 82900 DEC 2002 0803S 03455W OB 2									<b>S AMERICA - BRAZIL</b> <b>ALTA FLORESTA (AEROPORTO)</b> 82965 DEC 2002 0952S 05606E OB /										
030									030	23693	5	-60.5			5	94	92	9	030									
050	20581	9	-68.6		9	1	340	1	050	20571	4	-70.1			4	29	94	2	050	20580	13	-69.2			9	57	131	4
100	16600	6	-80.2		6	26	220	3	100	16565	3	-78.9			3	76	221	8	100	16604	11	-81.2			9	32	173	3
150	14244	6	-67.4		7	78	165	13	150	14198	3	-67.0			3	57	219	11	150	14257	11	-68.1			9	64	147	7
200	12454	6	-53.4		7	72	155	12	200	12404	2	-53.8			3	75	176	15	200	12469	11	-53.2			9	67	151	5
300	9710	6	-30.6	16.9	6	68	160	7	300	9678	2	-32.7	18.4		3	50	188	7	300	9721	11	-30.2	8.8		9	67	142	3
500	5883	6	-5.8	11.0	6	45	119	3	500	5880	2	-6.5	18.1		3	58	86	4	500	5885	11	-5.4	5.9		9	44	101	2
700	3171	6	8.8	6.7	6	87	92	7	700	3169	1	10.0	16.6		2	81	87	7	700	3169	11	9.3	6.5		9	73	56	4
850	1535	6	18.0	4.7	6	76	27	4	850	1534	1	16.2	4.9		2	85	82	5	850	1529	11	18.4	4.7		9	76	36	4
992	* 192		25.0	2.0					1013	* 7		28.3	5.5						980	* 288		23.7	1.4					
<b>S AMERICA - BRAZIL</b> <b>VILHENA (AEROPORTO)</b> 83208 DEC 2002 1244S 06008W OB 2									<b>S AMERICA - BRAZIL</b> <b>SALVADOR</b> 83229 DEC 2002 1301S 03831W OB 2									<b>S AMERICA - BRAZIL</b> <b>BOM JESUS DA LAPA</b> 83288 DEC 2002 1316S 04325W OB 2										
030									030									030	23694	16	-50.2			9	96	85	13	
050	20588	15	-68.2		9	75	110	6	050									050	20563	6	-69.3			7	86	83	6	
100	16611	9	-81.1		9	50	160	4	100	16577	9	-78.9			9	78	167	9	100	16574	4	-73.6			6	75	138	8
150									150	14214	7	-67.5			9	81	159	15	150	14215	3	-67.8			5	82	169	14
200	12473	8	-52.8		9	17	172	1	200	12426	5	-53.6			8	73	165	15	200	12429	3	-53.9			5	70	173	11
300	9720	7	-29.9	11.6	8	50	171	3	300	9691	2	-31.8	14.6		3	84	157	11	300	9690	3	-31.1	13.1		5	71	161	8
500	5881	7	-5.0	6.1	8	44	132	2	500	5882	1	-6.7	17.6		2	67	82	5	500	5866	3	-5.9	15.1		5	57	87	4
700	3162	6	9.3	4.2	7	50	35	3	700	3174	1	9.4	17.0		1	47	43	4	700	3162	4	8.7	8.5		6	42	8	3
850	1520	6	19.0	5.3	7	77	336	5	850	1536	1	17.0	7.7		2	70	53	4	850	1520	4	18.7	7.9		7	65	3	4
944	* 652		23.1	1.7					1009	* 51		28.0	4.8						962	* 440		26.0	4.5					
<b>S AMERICA - BRAZIL</b> <b>CUIABA (AEROPORTO)</b> 83362 DEC 2002 1539S 05606W OB									<b>S AMERICA - BRAZIL</b> <b>BRASILIA (AEROPORTO)</b> 83378 DEC 2002 1552S 04756W OB 3									<b>S AMERICA - BRAZIL</b> <b>CARAVELAS</b> 83498 DEC 2002 1744S 03915W OB 2										
030									030	23742	11	-57.4						030										
050	20592	14	-69.5						050	20596	4	-68.9						050	20579	15	-68.6			9	89	96	8	
100	16615	8	-80.7		9	38	143	3	100	16607	3	-79.3						100	16583	3	-72.0			3	85	158	11	
150	14267	5	-67.3		9	36	212	4	150	14250	3	-67.9						150	14218	3	-65.5			2	84	177	16	
200	12475	5	-52.9		9	44	210	4	200	12462	3	-53.4						200	12433	1	-54.2			1	69	178	12	
300	9725	4	-30.1	14.2	9	43	194	3	300	9716	3	-30.6	11.3					300	9697	1	-31.5	16.7		1	68	177	8	
500	5891	3	-5.1	11.8	9	20	188	1	500	5888	3	-5.6	12.7					500	5882	1	-6.0	20.4		1	15	324	1	
700	3172	3	9.4	5.7	9	64	34	4	700	3174	3	9.1	5.9					700	3172	1	9.5	14.2		2	50	334	4	
850	1529	3	19.4	5.6	9	69	338	4	850	1532	3	19.3	7.1					850	1534	1	17.5	9.5		1	67	12	4	
984	* 182		26.4	3.9					897	*1061		22.1	4.3					1011	* 3		27.8	5.7						

# UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND																																																																																																																																																																																																																																																																																		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED																																																																																																																																																																																																																																																																																
																											hPa	gpm	°C	°C	%	°	mps	hPa	gpm	°C	°C	%	°	mps	hPa	gpm	°C	°C	%	°	mps																																																																																																																																																																																																																																																											
<b>S AMERICA - BRAZIL</b> CAMPO GRANDE (AEROPORTO) 83612 DEC 2002 2028S 05440W OB 2									<b>S AMERICA - BRAZIL</b> TRINDADE (ILHA) 83650 DEC 2002 2030S 02919W OB 2									<b>S AMERICA - BRAZIL</b> GALEAO 83746 DEC 2002 2249S 04315W OB 2																																																																																																																																																																																																																																																																																								
030									030	23762	12	-56.8			9	96	82	13	030									050									050	20599	2	-67.7			4	94	94	8	050									100	16666	9	-78.1			9	52	273	6	100	16554	2	-75.7			4	73	175	8	100	16667	13	-76.3	11.9		9	84	201	11	150	14273	7	-63.9			7	52	272	7	150	14174	2	-65.8			3	76	183	15	150	14267	12	-65.1	13.6		9	81	214	15	200	12455	6	-51.1			6	68	280	9	200	12396	0	-54.8			3	80	185	19	200	12472	9	-52.2	23.5		9	66	205	10	300	9702	6	-30.9	15.2		7	55	266	6	300	9682	2	-33.3	14.1		2	71	203	8	300	9708	6	-30.8	14.8		8	71	240	8	500	5884	4	-5.5	12.8		5	23	261	2	500	5892	2	-7.5	16.6		2	56	277	5	500	5896	2	-6.4	13.1		3	62	261	4	700	3169	4	10.0	7.4		7	60	327	5	700	3189	2	9.5	23.4		3	64	309	5	700	3175									850	1528	4	20.0	6.0		6	75	344	6	850	1557	2	15.4	16.1		3	69	30	4	850	1533	2	18.9	4.0		2	34	330	2	949	* 567		25.7	6.6						1018	* 5		28.0	6.1						1012	* 6		26.5	2.4								
<b>S AMERICA - BRAZIL</b> CURITIBA (AEROPORTO) 83840 DEC 2002 2531S 04910W OB 2									<b>S AMERICA - BRAZIL</b> PORTO ALEGRE (AERO- PORTO) 83971 DEC 2002 3000S 05111W OB 2									<b>S AMERICA - PERU</b> LIMA-CALLAO/AEROP. INTERNACI 84628 DEC 2002 1200S 07707W OB 2																																																																																																																																																																																																																																																																																								
030	23915	12	-51.9	25.7		9	95	82	10	030	23954	13	-52.8	25.3					030	23906	14	-55.9			9	94	80	12	050	20709	8	-64.8			9	92	87	6	050	20721	11	-62.6	20.8		9	67	104	4	050	20731	11	-64.9			9	61	110	4	100	16651	7	-73.5	15.5		8	81	243	9	100	16599	5	-69.3	16.6		5	91	264	15	100	16700	9	-77.5			9	47	282	5	150	14250	4	-65.2	16.6		4	89	254	20	150	14166	4	-64.2	16.5		4	94	270	32	150	14292	7	-64.2			9	61	305	10	200	12443	2	-52.1	26.6		3	84	263	19	200	12359	0	-52.9	16.0		4	94	273	32	200	12465	6	-50.5			7	55	322	9	300	9694	2	-31.3	24.5		2	86	270	12	300	9626	4	-32.8	21.0		4	94	274	24	300	9712	6	-28.9	23.2		6	65	278	6	500	5876	2	-5.6	23.9		3	75	255	6	500	5842	2	-7.3	20.8		2	85	274	11	500	5885	5	-4.1	16.6		5	20	351	1	700	3162	2	9.4	10.2		2	69	292	6	700	3136	2	7.8	14.8		2	78	285	7	700	3149	4	11.5	19.8		4	21	135	1	850	1522	2	17.2	4.7		2	35	340	3	850	1509	2	15.3	6.1		2	30	278	2	850	1506	4	17.0	12.0		4	56	341	2	913	* 908		20.9	3.9						1012	* 3		23.9	4.2						1012	* 13		19.0	2.2					
<b>S AMERICA - CHILE</b> ANTOFAGASTA 85442 DEC 2002 2326S 07027W OB 2									<b>S AMERICA - CHILE</b> PUERTO MONTT 85799 DEC 2002 4126S 07306W OB 2									<b>S AMERICA - CHILE</b> PUNTA ARENAS 85934 DEC 2002 5300S 07051W OB 2																																																																																																																																																																																																																																																																																								
030	23784	4	-56.6							030									030	23928									050	20617	3	-65.8							050										050	20564	1	-49.3	32.5		2	44	289	3	100	16567	2	-75.7							100	16250	3	-60.4							100	16063	0	-52.1	31.5		1	91	285	12	150	14169	1	-66.1	21.5						150	13716	2	-58.9							150	13441	0	-52.0	30.3		1	90	278	20	200	12372	1	-53.9	23.1						200	11905	2	-57.1							200	11590	0	-53.0	23.5		1	86	275	23	300	9652	0	-33.4	30.0		5	92	294	20	300	9278	2	-43.7	13.2						300	8950	0	-48.0	10.2		1	79	275	24	500	5859	0	-5.7	36.7		1	88	298	9	500	5647	0	-16.9	18.5						500	5406	0	-23.4	8.2		0	82	278	18	700	3143	0	10.8			1	77	335	5	700	3040	0	-1.2	18.2						700	2862	0	-7.8	9.2		1	90	275	16	850	1501	0	17.6			2	83	30	4	850	1471	0	5.6	9.8						850	1327	0	.6	5.6		2	87	281	14	1002	* 140		16.9	4.3						1006	* 90		9.4	.8						996	* 43		7.7	3.7					

# UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
S AMERICA - ARGENTINA CORDOBA AERO 87344 DEC 2002 3119S 06413W OB /									S AMERICA - ARGENTINA EZEIZA AERO 87576 DEC 2002 3449S 05832W OB 3									ANTARCTICA - UNITED KINGDOM (ANTARCTIC) HALLEY 89022 DEC 2002 7530S 02639W OB 2								
030	23813	3	-56.3	21.6	5	91	90	8	030	23968	3	-54.1		7	92	75	6	030	24038	10	-38.3	33.3	9	57	95	2
050	20616	1	-63.2	28.8	3	41	65	3	050	20647	3	-61.9		7	4	330	1	050	20521	3	-40.0	32.7	4	46	140	2
100	16490	0	-71.2	23.3	3	92	280	21	100	16464	2	-67.5		3	96	270	23	100	15816	3	-42.8	32.3	4	62	204	3
150	14051	0	-63.2	21.6	2	92	290	33	150	13993	1	-62.8		3	94	280	39	150	13094	2	-45.2	31.0	2	79	224	4
200	12252	0	-54.9	19.1	2	91	290	35	200	12195	0	-55.3		4	90	285	40	200	11184	2	-47.2	28.7	2	83	227	6
300	9553	0	-36.6	18.8	1	87	285	26	300	9509	0	-37.2	13.0	1	91	280	27	300	8538	2	-52.5	9.5	3	73	214	12
500	5812	0	-9.6	15.5	1	85	285	13	500	5780	0	-11.1	16.8	2	89	260	14	500	5094	1	-31.5	11.6	3	67	209	8
700	3126	0	7.3	12.1	0	27	360	2	700	3116	0	5.0	14.2	2	54	235	5	700	2640	1	-16.6	10.6	3	52	194	5
850	1502	0	15.4	8.6	1	39	35	3	850	1506	0	13.2	12.1	1	28	145	2	850	1161	1	-9.3	10.8	4	26	154	2
958	* 474		20.0	3.9					1011	* 20		21.1	4.6					983	* 30		-5.7	3.6				
ANTARCTICA - USSR (ANTARCTIC) MIRNYJ 89592 DEC 2002 6633S 09301E OB 1									ANTARCTICA - GERMANY (ANTARCTIC) NEUMAYER 89002 DEC 2002 7040S 00815W OB 2									ANTARCTICA - JAPAN (ANTARCTIC) SYOWA 89532 DEC 2002 6900S 03935E OB 1								
030	24054	3	-39.0	16.1	4	68	73	3	030	24019	1	-37.9	36.5	4	78	87	4	030	23955	1	-38.7		1	88	98	4
050	20569	1	-40.9	14.5	1	52	299	2	050	20520	0	-40.1	35.7	4	57	106	2	050	20467	0	-40.9		0	21	180	1
100	15887	1	-43.7	12.2	1	88	286	7	100	15820	0	-42.8	33.8	5	47	228	2	100	15784	0	-43.9		0	68	254	4
150	13170	1	-44.8	10.6	1	88	282	9	150	13100	0	-45.3	32.8	4	61	240	4	150	13079	0	-46.3		0	62	253	5
200	11250	1	-45.6	8.6	1	88	282	10	200	11185	0	-46.4	31.4	4	46	240	3	200	11171	0	-47.2		0	49	247	5
300	8578	0	-49.8	5.1	0	76	293	11	300	8519	0	-50.8	15.0	5	37	226	5	300	8517	0	-50.4		0	23	231	3
500	5088	0	-28.6	5.9	1	56	304	5	500	5072	0	-31.9	10.7	5	32	194	3	500	5056	0	-31.0	8.4	0	13	211	1
700	2616	0	-16.1	7.9	0	45	53	3	700	2625	0	-18.0	8.4	5	28	91	2	700	2609	0	-18.7	6.7	0	68	65	5
850	1134	0	-9.0	6.3	0	79	81	7	850	1150	0	-9.7	7.4	4	45	79	4	850	1138	0	-9.8	4.9	0	88	46	6
976	* 30		-5.8	4.7					980	* 50		-4.7	2.7					981	* 21		-4.1	4.7				
ANTARCTICA - AUSTRALIA (ANTARCTIC) MAWSON 89564 DEC 2002 6736S 06252E OB 3									ANTARCTICA - AUSTRALIA (ANTARCTIC) DAVIS 89571 DEC 2002 6835N 07758W OB 3									ANTARCTICA - AUSTRALIA (ANTARCTIC) CASEY 89611 DEC 2002 6617S 11031E OB 3								
030	23961	0	-39.3	36.3	2	75	79	3	030	23962	0	-39.0	35.2	1	57	80	3	030	24006	1	-39.9	35.3	3	30	68	2
050	20477	0	-41.0	36.5	1	13	314	1	050	20477	0	-41.0	34.2	1	32	303	2	050	20538	1	-42.4	34.7	3	55	287	3
100	15790	0	-43.3	35.3	1	77	266	5	100	15788	0	-43.7	32.1	1	77	294	6	100	15875	1	-44.4	34.4	4	91	278	10
150	13077	0	-45.5	34.5	0	68	266	5	150	13076	0	-45.4	31.4	1	82	290	7	150	13164	1	-44.9	34.1	4	91	273	12
200	11163	0	-46.5	31.9	0	69	266	6	200	11161	0	-46.0	30.7	1	77	284	7	200	11243	1	-45.0	33.3	4	93	269	13
300	8492	0	-50.3	13.1	0	45	296	5	300	8494	0	-51.1	12.3	1	43	293	6	300	8561	1	-49.4	14.4	3	88	261	18
500	5043	0	-32.3	6.5	0	7	115	1	500	5043	0	-31.8	8.6	0	27	343	2	500	5086	0	-29.2	11.6	2	78	259	10
700	2602	0	-18.6	8.6	0	54	119	4	700	2595	0	-17.6	6.9	1	47	74	3	700	2617	0	-16.4	10.0	2	24	220	2
850	1132	0	-9.7	8.2	0	81	101	7	850	1121	0	-10.1	4.4	1	89	50	8	850	1137	0	-8.9	5.6	2	19	76	1
9999	* 16								9999	* 13								9999	* 42							

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>ANTARCTICA - FRANCE (ANTARCTIC)</b> <b>DUMONT D'URVILLE</b> <b>89642</b> DEC 2002 6640S 14001E OB 1								<b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b> <b>PENANG/BAYAN LEPAS</b> <b>48601</b> DEC 2002 0518N 10016E OB 3								<b>SW PACIFIC - MALAYSIA (PENIN. MALAYSIA)</b> <b>KOTA BHARU</b> <b>48615</b> DEC 2002 0610N 10217E OB 3										
030								030	23696	17	-60.9	29.0	9	61	89	5	030	23695	3	-60.3	28.9	3	66	89	6	
050	20523	10	-42.9					050	20574	14	-68.5	18.0	9	63	265	4	050	20563	0	-69.4	19.6	0	44	265	3	
100	15849	5	-45.4		6	84	274	8	100	16599	1	-82.3	12.1	5	45	101	5	100	16603	0	-82.3	13.3	0	54	119	5
150	13141	2	-45.3		3	88	266	11	150	14258	0	-67.8	11.0	4	19	262	3	150	14262	0	-67.7	12.2	0	22	233	3
200	11222	2	-45.0		4	86	267	12	200	12466	0	-52.5	10.7	2	31	146	3	200	12470	0	-52.5	12.7	0	33	153	3
300	8535	0	-49.4		2	74	266	13	300	9711	0	-29.8	9.0	2	67	112	5	300	9717	0	-29.9	12.3	0	44	104	3
500	5072	0	-30.6	9.5	2	63	251	8	500	5874	0	-4.8	9.0	1	83	99	5	500	5879	0	-4.7	13.3	0	81	96	6
700	2613	0	-17.3	9.2	3	33	178	3	700	3151	0	9.9	5.8	1	76	95	4	700	3154	0	10.2	8.7	0	87	94	6
850	1138	0	-10.0	10.2	3	80	117	6	850	1509	0	18.4	4.3	1	67	87	3	850	1514	0	17.9	4.5	0	88	86	6
978	* 43		-2.3	8.1					9999	* 4								9999	* 5							
<b>SW PACIFIC - SINGAPORE</b> <b>SINGAPORE/CHANGI AIRPORT</b> <b>48698</b> DEC 2002 0122N 10359E OB 3								<b>SW PACIFIC - USA (PACIFIC OCEAN NORTH)</b> <b>HILO/GEN. LYMAN, HAWAII,</b> <b>91285</b> DEC 2002 1943N 15504W OB 2								<b>SW PACIFIC - NEW CALEDONIA</b> <b>NOUMEA (NLE-CALEDONIE)</b> <b>91592</b> DEC 2002 2216S 16627E OB /										
030	23662	1	-62.2	28.5	1	58	80	4	030	23735	2	-58.1	10.9	2	13	30	1	030	23750	5	-57.1		6	96	78	11
050	20553	0	-69.4	15.3	0	77	266	7	050	20579	2	-67.2	9.1	2	42	297	2	050	20583	4	-67.3		5	93	81	7
100	16583	0	-82.6	11.0	0	46	117	5	100	16568	2	-77.0	7.7	3	90	278	18	100	16579	1	-78.4		2	94	285	17
150	14244	0	-67.9	9.8	0	8	264	1	150	14179	2	-65.2	9.4	2	95	269	29	150	14203	1	-65.9		2	95	298	28
200	12453	0	-52.8	8.6	0	58	116	5	200	12373	2	-52.3	12.0	2	89	266	28	200	12407	0	-52.4		1	97	292	29
300	9702	0	-30.0	9.6	0	83	102	6	300	9638	2	-33.5	16.6	2	77	267	18	300	9666	0	-32.0	18.6	1	93	287	22
500	5866	0	-4.9	6.0	0	79	86	5	500	5864	2	-7.6	23.4	2	21	288	2	500	5860	0	-5.9	23.8	1	91	295	11
700	3144	0	9.8	4.8	0	14	92	1	700	3165	2	7.8	22.5	2	55	89	3	700	3142	0	9.8	21.6	2	42	290	3
850	1503	0	18.2	3.8	0	34	15	2	850	1548	2	12.4	4.0	2	62	91	4	850	1515	0	15.1	5.5	5	67	69	3
1008	* 16		26.5	1.8					1018	* 11		20.0	3.2					1007	* 72		26.9	7.2				
<b>SW PACIFIC - TUVALU (NEW ZEALAND)</b> <b>FUNAFUTI</b> <b>91643</b> DEC 2002 0831S 17913E OB 3								<b>SW PACIFIC - FIJI</b> <b>NANDI</b> <b>91680</b> DEC 2002 1745S 17727E OB 3								<b>SW PACIFIC - SAMOA (USA)</b> <b>PAGO PAGO/INT. AIRPORT</b> <b>91765</b> DEC 2002 1420S 17043W OB 2										
030	23720	4	-50.8						030	23808	20	-56.7						030	23710	2	-58.2	15.3	2	98	98	12
050	20600	1	-64.2						050	20640	16	-66.5						050	20570	2	-68.0	7.3	2	86	90	4
100	16640	0	-80.0						100	16666	3	-80.8	15.1	5	62	315	5	100	16630	0	-83.1	4.8	0	30	157	2
150	14300	0	-67.1						150	14303	2	-65.9	14.3	4	88	299	13	150	14284	0	-67.1	5.6	0	59	247	7
200	12498	0	-51.6						200	12498	1	-51.3	14.3	4	83	291	12	200	12485	0	-52.2	7.1	0	79	256	8
300	9729	0	-28.6						300	9730	1	-29.2	19.9	2	58	276	6	300	9727	0	-29.3	13.6	0	62	225	5
500	5875	0	-4	14.0					500	5884	1	-3.4	26.1	2	19	35	1	500	5880	0	-4.1	16.4	0	36	72	3
700	3144	0	10.9	.3					700	3146	1	12.1	20.7	1	38	68	2	700	3148	0	11.1	9.5	0	18	63	1
850	1497	0	18.9	13.9					850	1501	1	18.0	5.6	3	74	89	5	850	1498	0	18.5	3.3	0	40	91	3
1008	* 2		29.9	25.8					1008	* 25		30.1	7.6					1009	* 3		28.2	3.4				

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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 - FRENCH POLY. (MARQUESAS) ATUONA 91925 DEC 2002 0948S 13902W OB 3									SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 DEC 2002 1733S 14937W OB 2									SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 DEC 2002 2308S 13458W OB								
030	23670	8	-59.1						030									030								
050	20545	4	-70.2		5	33	62	2	050	20566	6	-68.3		7	87	73	7	050	20569	9	-68.0		9	70	91	4
100	16576	2	-81.1		3	63	256	6	100	16569	0	-79.0		0	79	248	11	100	16512	3	-75.2		3	87	278	13
150	14218	2	-66.5		4	73	270	12	150	14205	0	-67.3		0	91	244	20	150	14118	2	-67.1		2	87	275	21
200	12427	2	-53.2		3	62	239	9	200	12416	0	-53.3		0	88	254	19	200	12343	2	-55.6		2	79	280	19
300	9688	3	-31.2	18.3	3	56	255	5	300	9678	0	-31.5	11.6	0	86	266	12	300	9632	2	-33.7	13.2	2	84	291	12
500	5859	2	-4.3	22.6	2	38	81	2	500	5859	0	-5.7	12.3	0	71	283	6	500	5844	2	-7.5	13.7	2	85	301	9
700	3133	1	11.1	28.5	1	56	60	3	700	3143	0	9.4	5.1	1	58	317	4	700	3145	2	7.5	9.5	2	69	319	5
850	1496	1	16.5	3.2	2	82	70	5	850	1504	0	17.7	3.2	0	54	8	4	850	1519	0	15.7	3.6	2	42	350	3
1004	* 52		30.3	8.4					1010	* 2		29.3	5.2					1004	* 89		23.2	1.8				
SW PACIFIC - FRENCH POLY. (AUSTRAL IS) TUBUAI 91954 DEC 2002 2321S 14929W OB									SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 DEC 2002 2737S 14420W OB 3									SW PACIFIC - NEW ZEALAND WHENUAPAI 93112 DEC 2002 3678S 17463E OB 1								
030	23748	4	-56.9		5	95	80	10	030	23780	3	-55.9		5	93	72	7	030	23853	2	-54.5		2	89	73	6
050	20580	1	-66.7		2	70	80	4	050	20594	1	-64.3		1	30	33	2	050	20630	1	-60.2		1	17	250	1
100	16511	0	-74.7		1	92	260	17	100	16452	1	-71.1		1	92	272	17	100	16354	0	-62.8		0	96	279	19
150	14106	0	-65.5		1	88	260	27	150	14018	1	-64.3		1	93	273	27	150	13838	0	-58.9		0	94	274	26
200	12316	0	-54.7		1	85	265	27	200	12234	1	-56.5		1	88	276	27	200	12022	0	-56.6		0	86	269	25
300	9606	0	-34.5	13.5	1	86	273	19	300	9546	0	-36.7		0	89	279	20	300	9377	0	-41.8		0	72	267	17
500	5831	0	-8.0	21.4	1	76	275	8	500	5807	0	-9.9	20.5	0	83	281	10	500	5712	0	-14.4	22.1	0	76	269	11
700	3133	0	7.9	21.2	0	56	292	5	700	3125	0	6.5	25.2	0	60	291	5	700	3080	0	1.7	15.6	0	68	266	7
850	1510	0	14.1	4.0	0	31	29	3	850	1517	0	11.3	6.7	0	12	21	1	850	1496	0	7.5	7.2	0	53	267	5
1013	* 3		25.6	5.4					1016	* 2		22.1	4.4					1013	* 27		19.3	6.4				
SW PACIFIC - NEW ZEALAND PARAPARAUMU AERODROME 93417 DEC 2002 4054S 17459E OB 1									SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 DEC 2002 4625S 16819W OB 1									SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 DEC 2002 4357S 17634W OB 1								
030									030	23914	7	-50.4		7	74	82	4	030	23917	6	-50.9		6	80	92	6
050	20642	4	-57.6		3	24	309	1	050	20616	2	-54.6		2	51	271	2	050	20639	2	-56.5		2	17	326	1
100	16297	1	-59.3		0	90	279	14	100	16205	3	-56.3		1	86	276	13	100	16271	1	-58.5		1	87	283	11
150	13748	1	-57.6		0	85	277	17	150	13632	0	-55.0		1	85	273	18	150	13711	0	-56.7		0	86	279	14
200	11930	1	-57.0		0	73	268	17	200	11797	0	-55.9		0	81	267	22	200	11885	0	-56.1		0	71	285	15
300	9305	0	-43.0		0	68	261	15	300	9165	0	-44.5		0	79	274	23	300	9250	0	-43.5		0	60	281	14
500	5659	0	-15.7	13.6	0	71	266	12	500	5562	0	-19.3	10.0	0	80	276	16	500	5624	0	-17.6	13.6	0	70	284	12
700	3040	0	-2	11.3	0	68	278	9	700	2977	0	-3.8	10.1	0	87	275	13	700	3022	0	-1.5	12.5	0	65	293	8
850	1467	0	6.5	6.6	0	63	309	6	850	1420	0	4.4	7.4	1	85	283	10	850	1453	0	5.3	5.8	0	58	307	7
1013	* 12		17.3	5.2					1009	* 4		13.8	5.4					1007	* 48		15.1	3.6				

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
<b>SW PACIFIC - NEW ZEALAND</b> KERMADEC IS. 93997 DEC 2002 2915S 17755W OB 1								<b>SW PACIFIC - AUSTRALIA</b> DARWIN AIRPORT 94120 DEC 2002 1225S 13053E OB /								<b>SW PACIFIC - AUSTRALIA</b> GOVE AIRPORT 94150 DEC 2002 1217S 13649E OB /										
030	23802	2	-56.1		2	87	87	7	030	23690	1	-59.8	30.9	1	95	90	10	030	23697	1	-59.6	30.7	2	96	89	10
050	20619	0	-64.5		0	64	75	3	050	20559	0	-68.1	23.5	0	43	94	2	050	20566	0	-68.2	23.3	1	40	82	2
100	16514	0	-73.0		0	98	269	26	100	16604	0	-81.0	13.2	0	21	256	2	100	16607	0	-80.9	13.9	1	17	256	2
150	14086	0	-63.5		0	99	270	45	150	14252	0	-67.3	12.9	0	46	271	6	150	14251	0	-66.8	13.9	1	55	266	7
200	12279	0	-52.9		0	98	269	46	200	12458	0	-52.8	14.4	0	41	239	5	200	12455	0	-52.8	14.9	1	43	278	6
300	9565	0	-35.2	20.1	0	96	269	32	300	9711	0	-30.4	18.1	0	37	235	4	300	9708	0	-30.6	18.9	0	41	288	4
500	5815	0	-9.6	28.1	0	94	270	13	500	5886	0	-5.6	14.2	0	46	107	3	500	5881	0	-5.1	18.6	0	25	156	2
700	3137	0	6.2	20.2	0	79	278	5	700	3172	0	10.0	9.1	2	93	107	10	700	3166	0	9.7	12.1	2	93	120	8
850	1526	0	10.9	7.1	0	42	324	2	850	1524	0	20.5	7.5	0	81	96	5	850	1521	0	20.1	11.2	3	84	81	6
1012	* 49		22.7	5.6					9999	* 31								9999	* 54							
<b>SW PACIFIC - AUSTRALIA</b> BROOME AIRPORT 94203 DEC 2002 1757S 12214E OB /								<b>SW PACIFIC - AUSTRALIA</b> TOWNSVILLE AERO 94294 DEC 2002 1915S 14645E OB /								<b>SW PACIFIC - AUSTRALIA</b> WILLIS ISLAND 94299 DEC 2002 1618S 14959E OB /										
030	23718	0	-58.2	30.2	0	97	88	13	030	23738	0	-57.4	30.9	0	99	84	13	030	23752	0	-57.7	31.5	0	95	82	13
050	20570	0	-68.2	22.0	0	93	88	9	050	20580	0	-67.3	24.9	0	87	76	7	050	20593	0	-67.2	27.8	0	93	89	7
100	16594	0	-79.8	14.5	0	74	272	8	100	16577	0	-77.7	16.0	0	88	281	13	100	16607	0	-79.4		0	78	297	9
150	14229	0	-67.3	13.5	0	88	270	16	150	14191	0	-65.9	15.5	0	93	280	22	150	14237	0	-66.3	17.9	0	91	289	16
200	12439	0	-53.3	14.9	0	86	267	18	200	12397	0	-53.5	15.1	0	87	278	22	200	12440	0	-52.7	19.5	0	84	287	16
300	9702	0	-31.5	16.9	0	80	251	11	300	9666	0	-32.4	16.9	0	82	277	15	300	9695	0	-30.9	24.0	0	73	281	11
500	5886	0	-6.4	14.0	0	10	111	1	500	5867	0	-6.3	23.7	2	70	245	5	500	5873	0	-5.1	25.0	0	38	253	3
700	3180	0	10.3	7.9	0	53	84	3	700	3161	0	8.8	11.8	0	60	182	4	700	3157	0	9.7	18.6	0	57	159	3
850	1525	0	22.4	11.9	0	10	239	1	850	1525	0	17.4	8.3	1	54	80	3	850	1519	0	17.2	11.2	1	80	111	4
9999	* 7								9999	* 9								9999	* 6							
<b>SW PACIFIC - AUSTRALIA</b> PORT HEDLAND PARDOO 94312 DEC 2002 2022S 11838E OB /								<b>SW PACIFIC - AUSTRALIA</b> ALICE SPRINGS AERO 94326 DEC 2002 2348S 13353E OB /								<b>SW PACIFIC - AUSTRALIA</b> MT ISA AERO 94332 DEC 2002 2041S 13929E OB /										
030	23747	3	-57.3	28.3	4	97	87	13	030	23778	1	-56.5	28.7	2	99	88	11	030	23771	4	-56.6	31.8	7	98	87	12
050	20586	2	-66.6	20.9	3	92	81	9	050	20605	1	-66.2	22.3	2	89	85	6	050	20601	3	-66.3	28.8	5	90	91	7
100	16587	2	-78.1	15.4	2	94	272	12	100	16553	0	-74.4	17.3	2	91	259	16	100	16575	2	-76.4		6	88	267	13
150	14208	2	-66.6	15.3	2	93	273	21	150	14146	0	-65.6	15.7	2	91	263	26	150	14182	1	-65.8	19.1	3	90	265	22
200	12416	1	-53.5	15.6	2	92	271	24	200	12355	0	-54.7	14.3	2	86	259	24	200	12385	0	-53.8	18.7	2	87	262	21
300	9688	1	-32.8	18.0	1	89	264	15	300	9650	0	-34.6	15.0	2	84	256	15	300	9665	0	-33.7	19.5	0	86	257	13
500	5888	1	-6.5	18.2	1	53	246	3	500	5881	0	-8.7	15.1	2	65	238	6	500	5879	0	-6.8	25.9	0	74	212	6
700	3181	1	10.8	13.2	1	46	5	3	700	3186	0	10.1	16.9	2	53	213	5	700	3179	0	9.5	18.8	0	39	177	3
850	1525	1	23.2	16.4	1	19	73	1	850	1537	0	21.3	22.2	2	50	80	4	850	1533	0	21.7	23.2	0	36	96	3
9999	* 9								9999	* 546								9999	* 340							

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# DECEMBER 2002

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
<b>SW PACIFIC - AUSTRALIA</b> GERALDTON AIRPORT 94403 DEC 2002 2848S 11442E OB /									<b>SW PACIFIC - AUSTRALIA</b> MEEKATHARRA AIRPORT 94430 DEC 2002 2637S 11833E OB 2									<b>SW PACIFIC - AUSTRALIA</b> GILES 94461 DEC 2002 2502S 12817E OB /										
030	23789	1	-56.0	31.4	2	95	83	9	030	23782	3	-56.1	31.3	7	96	91	11	030	23792	2	-56.3	31.9	2	98	90	10		
050	20607	1	-64.9	27.9	2	84	90	7	050	20603	2	-65.7	26.4	6	89	84	8	050	20611	1	-65.8	27.6	1	84	85	6		
100	16481	0	-70.3	23.5	0	93	274	17	100	16519	1	-72.9	20.6	6	93	275	18	100	16548	0	-74.2	20.0	0	93	266	18		
150	14038	0	-64.1	19.3	0	94	276	28	150	14097	1	-64.8	18.6	5	94	271	30	150	14134	0	-65.1	17.7	0	95	266	28		
200	12251	0	-56.4	17.1	0	91	280	29	200	12307	0	-55.5	16.6	5	91	273	30	200	12342	0	-55.0	14.4	0	90	266	27		
300	9574	0	-37.8	18.2	0	91	279	20	300	9614	0	-36.3	17.1	4	80	266	16	300	9640	0	-35.1	11.9	0	90	269	16		
500	5844	0	-9.4	25.8	0	85	276	11	500	5864	0	-8.8	21.3	6	62	255	7	500	5876	0	-8.8	13.7	0	65	268	6		
700	3157	0	8.9	23.8	1	67	289	6	700	3171	0	9.6	16.4	5	55	288	5	700	3184	0	9.8	15.0	0	45	321	4		
850	1521	0	18.5	21.2	3	15	80	1	850	1526	0	20.7	16.5	5	38	33	3	850	1534	0	22.4	20.9	1	48	29	4		
9999	* 33								9999	* 517									9999	* 598								
<b>SW PACIFIC - AUSTRALIA</b> PERTH AIRPORT 94610 DEC 2002 3156S 11558E OB /									<b>SW PACIFIC - AUSTRALIA</b> EUCLA 94647 DEC 2002 3141S 12853E OB									<b>SW PACIFIC - AUSTRALIA</b> COBAR 94711 DEC 2002 3129S 14550E OB /										
030	23806	0	-55.6	31.5	0	98	84	9	030	23857	1	-55.3	29.1	3	93	85	8	030	23857	1	-54.9	31.5	1	98	80	8		
050	20609	0	-62.9	28.4	0	63	86	5	050	20646	0	-62.3	27.0	2	49	85	3	050	20641	0	-61.5	29.7	0	44	95	2		
100	16431	0	-68.0	23.7	0	90	273	15	100	16461	0	-68.1	21.8	2	91	266	16	100	16438	0	-67.0	27.8	0	92	267	14		
150	13970	0	-63.5	19.2	0	91	277	23	150	14002	0	-63.4	18.3	2	89	264	23	150	13961	0	-61.9	24.9	0	89	262	22		
200	12183	0	-57.4	15.3	0	88	279	23	200	12213	0	-56.7	15.4	2	93	264	26	200	12165	0	-56.8	19.1	0	82	255	22		
300	9525	0	-39.3	16.1	0	86	277	16	300	9542	0	-38.3	15.2	2	88	265	19	300	9505	0	-39.5	17.0	0	72	252	15		
500	5816	0	-11.0	24.3	0	83	270	10	500	5825	0	-11.2	18.1	3	79	267	12	500	5805	0	-12.3	22.4	0	65	243	8		
700	3145	0	7.0	22.0	0	47	280	4	700	3156	0	6.4	15.0	3	68	280	7	700	3150	0	5.4	22.1	0	53	240	5		
850	1524	0	15.1	18.0	1	21	26	2	850	1534	0	16.0	15.2	2	28	305	2	850	1533	0	15.9	17.7	0	33	290	2		
9999	* 31								9999	* 102									9999	* 264								
<b>SW PACIFIC - AUSTRALIA</b> WILLIAMTOWN AERODROME 94776 DEC 2002 3248S 15150E OB /									<b>SW PACIFIC - AUSTRALIA</b> ALBANY AIRPORT 94802 DEC 2002 3456S 11748E OB /									<b>SW PACIFIC - AUSTRALIA</b> MOUNT GAMBIER AERO 94821 DEC 2002 3744S 14047E OB /										
030	23823	5	-55.5	31.2	6	99	74	8	030	23832	4	-55.4	31.2	4	93	88	8	030	23876	2	-53.8	32.0	2	92	80	7		
050	20614	3	-61.5	29.2	4	43	58	3	050	20625	1	-61.9	28.6	1	43	87	3	050	20631	0	-58.9	30.4	0	24	79	1		
100	16398	1	-66.0	24.5	1	93	266	14	100	16400	0	-65.9	24.7	0	93	267	14	100	16344	0	-63.1	26.8	0	82	262	12		
150	13914	1	-61.3	20.6	1	88	266	20	150	13921	0	-62.7	19.2	0	91	273	21	150	13838	0	-60.9	21.5	0	83	262	19		
200	12115	0	-56.9	15.2	0	82	260	22	200	12134	0	-58.0	14.6	0	82	275	20	200	12041	0	-57.6	16.4	0	78	259	20		
300	9464	0	-40.6	13.5	1	72	257	14	300	9485	0	-39.9	14.3	0	83	277	16	300	9397	0	-41.5	14.8	0	71	270	18		
500	5777	0	-12.9	18.1	1	63	248	8	500	5788	0	-12.3	20.6	0	82	272	12	500	5732	0	-14.6	16.9	0	77	263	14		
700	3126	0	4.2	15.6	2	67	236	6	700	3130	0	4.8	17.7	0	56	281	6	700	3098	0	2.8	17.3	0	68	274	10		
850	1519	0	12.7	9.3	2	57	268	4	850	1526	0	11.5	10.7	1	18	327	2	850	1503	0	10.7	18.5	0	53	267	6		
9999	* 8								9999	* 69									9999	* 69								



# UPPER AIR

# DECEMBER 2002

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
<b>SW PACIFIC - AUSTRALIA</b> <b>MELBOURNE AIRPORT</b> 94866 DEC 2002 3740S 14451E OB									<b>SW PACIFIC - AUSTRALIA</b> <b>WAGGA AIRPORT</b> 94910 DEC 2002 3510S 14727E OB /									<b>SW PACIFIC - AUSTRALIA</b> <b>HOBART AIRPORT</b> 94975 DEC 2002 4250S 14729E OB /										
030	23837	2	-54.2	32.5	2	90	80	6	030	23830	3	-54.9	29.4	3	95	80	7	030	23889	0	-52.2	32.4	0	90	83	6		
050	20603	2	-59.5	31.0	2	19	52	1	050	20608	1	-60.2	27.0	1	25	64	1	050	20616	0	-56.1	31.3	0	13	203	1		
100	16329	1	-64.1	27.8	1	84	263	11	100	16364	0	-65.4	23.5	0	91	263	13	100	16265	0	-59.9	30.0	0	85	265	11		
150	13830	1	-61.5	21.8	1	87	258	18	150	13874	0	-61.4	20.2	0	85	262	18	150	13726	0	-58.6	25.0	0	89	263	20		
200	12038	1	-58.0	16.2	1	78	257	18	200	12081	0	-58.1	14.5	0	79	254	19	200	11921	0	-57.9	16.1	0	84	257	23		
300	9402	0	-41.9	13.9	0	70	258	16	300	9440	0	-41.1	13.9	0	73	258	15	300	9290	0	-43.1	13.7	1	77	261	20		
500	5735	0	-14.2	18.6	0	73	267	12	500	5763	0	-13.4	17.7	0	73	251	10	500	5649	0	-16.1	17.8	0	80	265	15		
700	3098	0	3.0	16.7	1	67	262	9	700	3120	0	3.5	15.7	0	69	252	8	700	3033	0	.0	16.5	1	81	269	12		
850	1501	0	10.7	12.5	1	44	264	5	850	1516	0	13.5	13.0	0	60	281	5	850	1460	0	6.2	8.4	2	79	277	8		
9999	* 132								9999	* 213									9999	* 27								
<b>SW PACIFIC - AUSTRALIA(ADDITIONAL IS.)</b> <b>LORD HOWE ISLAND AERO</b> 94995 DEC 2002 3132S 15904E OB /									<b>SW PACIFIC - AUSTRALIA(ADDITIONAL IS.)</b> <b>NORFOLK ISLAND AERO</b> 94996 DEC 2002 2902S 16756E OB /									<b>SW PACIFIC - AUSTRALIA(ADDITIONAL IS.)</b> <b>MACQUARIE ISLAND</b> 94998 DEC 2002 5429S 15856E OB 3										
030	23822	0	-55.0	31.8					030	23799	3	-55.9	31.4	5	96	74	8	030	23938	1	-46.5	32.8	1	49	95	3		
050	20618	0	-62.3	29.7					050	20613	2	-64.0	28.6	4	54	52	3	050	20577	1	-50.0	31.9	1	60	284	4		
100	16416	0	-66.6	28.4					100	16487	2	-71.2	24.2	4	96	284	23	100	16068	1	-51.6	31.3	1	88	275	13		
150	13934	0	-61.1	26.6					150	14045	1	-62.8	22.8	3	96	285	40	150	13421	0	-50.2	30.7	1	88	277	19		
200	12126	0	-55.5	23.6					200	12238	1	-53.8	20.3	3	96	282	42	200	11545	0	-51.4	24.1	1	85	275	23		
300	9461	0	-39.8	19.6					300	9535	1	-36.4	17.1	3	95	281	30	300	8895	0	-46.6	13.0	1	80	281	24		
500	5766	0	-12.2	28.8					500	5800	1	-10.2	22.2	3	91	282	14	500	5352	0	-23.7	10.4	0	82	281	19		
700	3112	0	4.0	27.2					700	3128	1	5.7	20.4	3	74	280	7	700	2816	0	-8.2	8.0	0	82	277	15		
850	1515	0	10.9	8.8					850	1521	0	11.7	7.0	3	24	249	2	850	1285	0	-6	4.6	0	77	277	12		
9999	* 6								9999	* 109									9999	* 6								
<b>SW PACIFIC - BRUNEI DARUSSALAM</b> <b>BRUNEI AIRPORT</b> 96315 DEC 2002 0456N 11456E OB 3									<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> <b>KUCHING</b> 96413 DEC 2002 0129N 11020E OB 3									<b>SW PACIFIC - MALAYSIA(SABAH &amp; SARAWAK)</b> <b>BINTULU</b> 96441 DEC 2002 0312N 11302E OB 3										
030									030	23703	5	-61.4	29.0	5	64	84	5	030										
050									050	20584	1	-68.9	17.7	1	78	268	7	050										
100	16591	15	-82.8	12.8	9	58	123	5	100	16611	0	-83.1	13.1	0	65	134	7	100										
150	14247	0	-67.6	12.1	1	34	211	3	150	14269	0	-67.4	12.2	0	24	184	3	150										
200	12454	0	-52.8	11.8	0	38	141	3	200	12474	0	-52.3	11.3	0	67	122	6	200	12482	2	-52.1	12.1	3	55	134	4		
300	9704	0	-29.9	17.1	0	72	72	5	300	9718	0	-29.7	10.1	0	80	86	7	300	9725	1	-29.5	14.2	1	71	81	6		
500	5868	0	-4.8	12.0	0	92	99	7	500	5879	0	-5.0	6.9	0	84	93	5	500	5883	1	-4.5	10.1	1	90	93	7		
700	3146	0	9.9	7.9	1	83	95	5	700	3158	0	9.7	5.2	0	24	80	1	700	3157	0	10.1	6.1	0	67	88	4		
850	1505	0	18.5	4.8	1	65	92	3	850	1517	0	18.4	4.3	0	12	241	1	850	1514	0	19.0	5.4	0	31	74	1		
1005	* 15		27.2	2.6					9999	* 27									9999	* 5								

# UPPER AIR

# DECEMBER 2002

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 - MALAYSIA(SABAH & SARAWAK) KOTA KINABALU 96471 DEC 2002 0556N 11603E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 DEC 2002 0416N 11753E OB 3									SW PACIFIC - AUSTRALIA (OCEAN ISLANDS) COCOS ISLAND AERO 96996 DEC 2002 1211S 09649E OB 3									
030	23716	12	-60.2	30.8	9	53	86	5	030	23701	2	-61.2	30.2	4	56	77	5	030	23677	0	-59.2	30.2	4	98	91	13	
050	20592	1	-68.3	22.4	2	57	256	4	050	20582	0	-68.7	21.4	2	74	278	5	050	20538	0	-68.0	22.0	4	43	69	3	
100	16622	0	-82.5	14.6	1	58	123	5	100	16614	0	-83.3	13.9	0	61	108	5	100	16573	0	-81.6	13.9	5	60	312	6	
150	14275	0	-67.2	13.8	0	31	228	3	150	14270	0	-67.2	13.1	0	40	209	3	150	14226	0	-68.0	12.8	6	61	291	7	
200	12480	0	-52.4	14.5	0	20	155	2	200	12474	0	-52.4	14.4	0	30	138	2	200	12438	0	-53.3	13.0	4	70	290	7	
300	9725	0	-29.6	20.4	0	55	62	4	300	9720	0	-29.6	18.2	0	65	70	5	300	9696	0	-30.7	18.0	4	55	297	5	
500	5885	0	-4.5	13.4	0	93	97	8	500	5880	0	-4.6	15.1	0	92	93	7	500	5869	0	-5.0	21.6	4	56	75	3	
700	3159	0	10.5	9.4	0	89	95	6	700	3156	0	10.4	10.7	0	88	87	6	700	3153	0	9.9	13.7	4	73	75	6	
850	1515	0	18.9	5.8	0	64	99	3	850	1515	0	18.3	5.8	0	79	63	4	850	1513	0	17.7	7.5	4	76	86	6	
9999	* 3								9999	* 20									9999	* 3							

# 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
S AMERICA - BRAZIL BELEM (AEROPORTO) 82193 AUG 2002 0123S 04829W OB 2									S AMERICA - BRAZIL MANAUS (AEROPORTO) 82332 AUG 2002 0309S 05959W OB 2									S AMERICA - BRAZIL FORTALEZA 82397 AUG 2002 0346S 03836W OB											
030	23962	6	-57.3	23.9	8	75	273	6	030	23949	14	-57.7	12.1					030	23828	15	-59.4				9	80	275	6	
050	20777	5	-63.0	21.2	5	79	271	6	050	20765	9	-63.6	11.0	9	83	267	12	050	20670	6	-64.6				6	79	278	6	
100	16633	3	-78.1	15.5	4	38	43	2	100	16623	5	-76.7	8.3	7	8	232	1	100	16572	4	-79.3				4	56	94	4	
150	14252	2	-66.0	17.9	2	87	254	14	150	14247	3	-66.4	9.6	5	94	265	16	150	14206	3	-67.4				3	83	276	15	
200	12451	2	-52.6	19.8	2	68	253	8	200	12450	3	-53.0	12.9	3	75	282	9	200	12422	3	-54.6				3	84	266	13	
300	9706	2	-31.1	24.8	2	38	164	3	300	9706	3	-31.1	12.0	3	31	311	2	300	9699	3	-32.4	26.2			3	32	284	3	
500	5880	2	-5.3	29.7	2	89	78	8	500	5886	3	-5.9	15.3	4	94	83	8	500	5883	3	-5.9	33.3			4	79	84	8	
700	3169	2	7.9	12.6	2	90	93	10	700	3176	3	8.4	9.8	3	95	90	10	700	3175	3	8.6	16.0			5	89	81	8	
850	1534	2	18.6	7.4	2	99	121	10	850	1543	3	17.9	3.8	4	98	86	10	850	1545	3	15.3	6.3			4	95	129	12	
1011	* 16		27.2	3.7					1004	* 84		27.1	4.2					1014	* 26		26.7	6.0							
S AMERICA - BRAZIL NATAL (AEROPORTO) 82599 AUG 2002 0555S 03515W OB 2									S AMERICA - BRAZIL RECIFE (CURADO) 82900 AUG 2002 0803S 03455W OB 2									S AMERICA - BRAZIL ALTA FLORESTA (AEROPORTO) 82965 AUG 2002 0952S 05606E OB /											
030	23955	14	-57.2	23.2	9	90	265	9	030	23828	14	-60.1		9	96	272	11	030											
050	20765	11	-62.9	23.1	9	89	272	8	050	20672	7	-65.1		7	89	272	8	050	20657	5	-65.1				6	91	273	10	
100	16632	5	-77.3	16.4	6	50	65	3	100	16578	5	-77.7		5	31	57	2	100	16557	4	-75.7				5	50	271	4	
150	14242	5	-65.6	18.9	6	91	283	16	150	14201	4	-67.2		5	92	287	18	150	14173	4	-67.8				5	98	264	31	
200	12446	4	-53.5	21.9	6	85	271	14	200	12417	4	-54.6		5	77	279	14	200	12395	3	-54.7				4	95	265	18	
300	9709	3	-31.7	26.2	3	52	291	6	300	9694	4	-32.8	25.4	5	63	293	8	300	9672	3	-32.9	17.5			3	80	255	10	
500	5886	3	-5.5	31.5	3	86	81	6	500	5886	4	-6.0	32.2	5	67	79	5	500	5876	3	-6.3	22.8			3	20	51	1	
700	3174	3	8.9	20.7	3	86	88	6	700	3179	4	9.4	25.2	4	85	98	6	700	3172	3	7.7	12.4			3	86	88	6	
850	1545	3	14.8	2.8	3	91	123	10	850	1552	4	14.2	4.2	4	87	129	8	850	1538	3	19.6	10.3			3	95	77	7	
1012	* 52		26.7	3.8					1017	* 7		25.9	4.7					981	* 288		20.6	1.7							
S AMERICA - BRAZIL VILHENA (AEROPORTO) 83208 AUG 2002 1244S 06008W OB 2									S AMERICA - BRAZIL SALVADOR 83229 AUG 2002 1301S 03831W OB 2									S AMERICA - BRAZIL BOM JESUS DA LAPA 83288 AUG 2002 1316S 04325W OB 2											
030	23803	13	-56.9						030									030	23790	8	-60.2				9	90	283	9	
050	20656	5	-65.6		9	92	266	11	050	20643	16	-65.7						050	20644	7	-65.8				7	96	269	12	
100	16555	3	-73.9		6	83	284	8	100	16560	9	-75.0		9	81	284	6	100	16550	5	-74.5				5	83	279	8	
150	14166	3	-68.0		5	98	263	22	150	14151	9	-59.7		9	95	280	18	150	14145	5	-66.8				5	94	265	17	
200	12385	2	-55.0		5	96	269	22	200	12362	9	-54.8		9	92	270	24	200	12360	5	-54.9				5	90	258	22	
300	9666	2	-30.7	16.9	4	94	268	15	300	9649	8	-34.5	23.2	9	82	281	16	300	9650	5	-34.5	23.1			5	86	259	16	
500	5877	2	-7.2	15.1	4	55	302	3	500	5878	7	-7.3	31.6	7	57	346	4	500	5880	5	7.4	35.3			5	50	317	3	
700	3175	2	8.2	10.9	5	75	47	4	700	3176	7	8.3	27.9	7	64	83	4	700	3178	5	7.6	24.8			5	55	110	3	
850	1538	2	19.5	9.4	5	85	31	6	850	1558	7	13.0	4.6	7	96	118	8	850	1555	5	15.1	11.1			5	93	114	8	
945	* 652		22.0	2.6					1014	* 51		24.4	3.1					957	* 440		23.8	7.8							

# 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
S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 AUG 2002 1552S 04756W OB 3									S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 AUG 2002 2028S 05440W OB 2									S AMERICA - BRAZIL TRINDADE (ILHA) 83650 AUG 2002 2030S 02919W OB 2										
030	23790	13	-59.2						030									030										
050	20637	8	-66.8						050									050	20624	6	-66.2			6	79	268	6	
100	16544	3	-73.1						100	16584	15	-71.6			9	93	268	18	100	16531	4	-71.9			4	94	277	16
150	14131	3	-66.0						150	14147	13	-63.9			9	95	271	20	150	14170	4	-63.3			4	98	280	22
200	12343	3	-55.4						200	12333	10	-53.2			9	86	269	25	200	12293	4	-55.0			4	92	284	22
300	9634	2	-35.0	21.0					300	9615	10	-35.4	32.8		9	74	280	13	300	9614	4	-38.4	22.4		4	78	281	16
500	5874	2	-8.2	27.8					500	5858	10	-9.1	20.5		9	73	293	8	500	5888	4	-9.6	32.8		4	71	264	5
700	3183	2	7.0	16.4					700	3173	10	6.9	9.3		9	83	329	8	700	3203	4	7.1	35.1		4	67	99	4
850	1559	2	16.2	10.7					850	1538	10	19.3	11.5		9	63	12	4	850	1589	4	10.8	8.4		4	91	89	8
901	*1061		18.6	7.8					948	* 567		24.3	11.8					1025	* 5		23.7	3.6						
S AMERICA - BRAZIL GALEAO 83746 AUG 2002 2249S 04315W OB 2									S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 AUG 2002 2531S 04910W OB 2									S AMERICA - BRAZIL PORTO ALEGRE (AERO- PORTO) 83971 AUG 2002 3000S 05111W OB 2										
030	23881	13	-56.1	26.3					030	23890	13	-56.2	21.5		9	60	290	4	030									
050	20694	6	-63.4	24.0	7	77	265	5	050	20684	7	-63.0	19.3		7	73	263	6	050	20637	9	-61.7	17.1		9	69	263	6
100	16539	4	-69.8	20.7	4	94	274	16	100	16509	5	-69.1	17.2		5	92	272	17	100	16418	5	-66.8	16.3		6	93	271	19
150	14081	4	-57.3	22.2	4	91	269	20	150	14044	2	-61.7	15.9		3	89	271	20	150	13938	3	-60.1	17.0		3	94	272	24
200	12269	3	-54.1	22.7	4	89	264	20	200	12207	3	-54.8	17.0		3	89	268	24	200	12127	3	-56.5	16.0		3	88	273	22
300	9581	3	-38.1	23.5	3	75	274	12	300	9554	2	-38.7	20.3		2	65	269	13	300	9473	3	-40.3	16.6		3	77	278	18
500	5859	3	-11.1	30.0	3	47	280	4	500	5839	2	-11.4	25.1		2	73	274	10	500	5784	3	-13.0	19.0		3	73	280	12
700	3190	3	5.2	15.3	3	40	292	3	700	3173	2	5.4	16.6		2	68	297	8	700	3129	3	4.0	17.3		3	68	297	8
850	1573	3	15.1	7.7	3	45	359	2	850	1554	2	14.4	8.7		2	69	348	6	850	1525	3	11.9	12.7		3	66	307	6
1020	* 6		21.8	1.3					917	* 908		14.1	1.8					1018	* 3		14.7	3.1						
ASIA - THAILAND CHIANG MAI 48327 SEP 2002 1847N 09859E OB 1									S AMERICA - BRAZIL FLORIANO 82678 SEP 2002 0646S 04301W OB 2																			
030									030																			
050									050	20675	15	-66.1			9	88	279	8										
100	16667	10	-78.1						100	16586	12	-78.8			9	63	293	5										
150	14201	10	-64.2						150	14224	11	-68.1			9	79	271	10										
200	12486	8	-50.3						200	12443	11	-54.6			9	68	241	8										
300	9716	7	-28.0	34.0	7	83	74	4	300	9712	11	-31.1	25.6		9	33	208	2										
500	5861	7	-3.7	6.5	7	64	87	3	500	5894	12	-5.2	33.1		9	80	101	6										
700	3131	7	10.4	7.8	7	52	89	3	700	3179	11	8.5	12.3		9	79	147	6										
850	1486	7	19.3	16.3	7	26	105	1	850	1547	11	16.9	6.1		9	89	90	8										
973	* 314		24.1	22.9					1002	* 123		28.9	9.7															

# UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND						
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
<b>S AMERICA - BRAZIL</b> <b>FLORIANO</b> 82678 OCT 2002 0646S 04301W OB 2																											
030	23729	5	-60.9		5	76	281	6																			
050	20607	3	-67.8		3	75	275	6																			
100	16545	1	-78.5		1	69	277	6																			
150	14212	1	-67.8		1	75	250	9																			
200	12428	1	-54.5		1	63	229	8																			
300	9702	1	-32.2	22.7	1	19	288	2																			
500	5886	1	-5.2	32.6	1	64	87	4																			
700	3174	1	8.8	13.3	1	81	133	6																			
850	1538	1	17.4	6.0	1	89	92	6																			
996	* 123		30.1	1.2																							
<b>ASIA - INDIA</b> <b>MADRAS/MINAMBAKKAM</b> 43279 NOV 2002 1300N 08011E OB 3																											
030									030	23731	8	-60.0		9	20	214	2	030									
050	20714	5	-61.9		5	23	111	1	050	20602	4	-68.0		9	50	245	4	050	20613	7	-67.4		8	29	276	2	
100	16589		-76.5			71	115	5	100	16575	3	-79.7		8	72	212	6	100	16586	4	-80.7		5	59	213	5	
150	14230		-66.8			87	137	12	150	14222	3	-67.5		8	75	194	9	150	14230	3	-67.7		5	64	173	7	
200	12439		-53.1			90	138	11	200	12433	3	-53.9		5	73	170	10	200	12442	3	-53.6		5	88	167	10	
300	9695		-30.6	8.0		56	119	4	300	9702	3	-31.8	25.1	4	9	172	4	300	9705	3	-31.2	20.5	4	69	146	6	
500	5863		-4.8	9.6		47	73	3	500	5885	3	-5.4	22.8	4	67	94	4	500	5883	3	-5.2	20.2	4	77	94	5	
700	3140		10.3	10.4		58	53	3	700	3173	3	8.5	7.6	4	86	117	6	700	3173	3	7.8	5.8	4	94	98	8	
850	1500		17.7	9.1		79	31	6	850	1537	3	17.3	6.0	4	77	87	5	850	1537	3	18.3	5.3	4	82	64	4	
1008	* 16		25.2	3.6					1000	* 123		28.6	8.1					992	* 192		25.5	2.5					
<b>S AMERICA - BRAZIL</b> <b>FLORIANO</b> 82678 NOV 2002 0646S 04301W OB 2																											
<b>S AMERICA - BRAZIL</b> <b>CAROLINA</b> 82765 NOV 2002 0720S 04728W OB 2																											

# STATION LIST RECENT DATA

06030	C	AALBORG	DENMARK & FAROE IS.	08360	C	ALICANTE/ELALTET	SPAIN
04220	CT	AASIAAT (EGEDESMINDE)	GREENLAND	94326	CT	ALICE SPRINGS AERO	AUSTRALIA
40831	C	ABADAN	IRAN, ISLAMIC REP	42475	C	ALLAHABAD/BAMHRAULI	INDIA
47409	C	ABASHIRI	JAPAN	72517	C	ALLEN TOWN/A.-BETHLEHEM-.,PA.	USA
07005	C	ABBEVILLE	FRANCE	36870	C	ALMATY	KAZAKHSTAN
03091	C	ABERDEEN/DYCEAIRPORT	U KINGDOM	08487	C	ALMERIA/AEROPUERTO	SPAIN
03502	C	ABERPORTH	U KINGDOM	82965	T	ALTA FLORESTA (AEROPORTO)	BRAZIL
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	42071	C	AMRITSAR	INDIA
62640	C	ABU HAMED	SUDAN	89009	T	AMUNDSEN-SCOTT	USA
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
65472	C	ACCRA	GHANA	17130	CT	ANKARA/CENTRAL	TURKEY
63450	CT	ADDIS ABABA-BOLE	ETHIOPIA	60360	C	ANNABA	ALGERIA
60620	C	ADRAR	ALGERIA	70398	C	ANNETTEISLAND	USA
76644	C	AEROP.INTERNACIONALMERIDA,	MEXICO	17300	C	ANTALYA	TURKEY
87582	C	AEROPARQUEBS. AS. AERO	ARGENTINA	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	AIOUN EL ATROUSS	MAURITANIA	48462	C	ARANYAPRATHET	THAILAND
07761	CT	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
42933	C	AKOLA	INDIA	84752	C	AREQUIPA	PERU
72521	C	AKRON/AKRON-CANTONREG., OH.	USA	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
04063	C	AKUREYRI	ICELAND	85406	C	ARICA	CHILE
04082	C	AKURNES	ICELAND	10091	C	ARKONA	GERMANY
40420	C	AL AHSA	SAUDI ARABIA	86330	C	ARTIGAS	URUGUAY
41055	C	AL BAHA	SAUDI ARABIA	44288	C	ARVAIHEER	MONGOLIA
40361	C	AL-JOUF	SAUDI ARABIA	60452	C	ARZEW	ALGERIA
08280	C	ALBACETE/LOSLANOS	SPAIN	47407	C	ASAHIKAWA	JAPAN
94802	CT	ALBANY AIRPORT	AUSTRALIA	72315	C	ASHEVILLE/MUN.,NC	USA
72365	C	ALBUQUERQUE/INT.,NM.	USA	62414	CT	ASSWAN	EGYPT
31004	CT	ALDAN	RUSSIAN FEDERATION	34880	C	ASTRAHAN'	RUSSIAN FEDERATION
07139	C	ALENCON	FRANCE	08011	C	ASTURIAS/AVILES	SPAIN
40007	C	ALEPPO INT. AIRPORT	SYRIAN ARAB REP	65376	C	ATAKPAME	TOGO
71082	T	ALERT UA, N.W.T.	CANADA	62680	C	ATBARA	SUDAN
08359	C	ALICANTE	SPAIN	17607	T	ATHALASSA	CYPRUS

# STATION LIST RECENT DATA

16716	C	ATHINAI(AIRPORT)	GREECE	70026	CT	BARROW/W.POST W. ROGERS	USA
72219	C	ATLANTA/MUN.,GA.	USA	44305	C	BARUUN-URT	MONGOLIA
72407	C	ATLANTIC CITY, NJ.	USA	44241	C	BARUUNKHARAA	MONGOLIA
91925	CT	ATUONA	FRENCHPOLY.	44213	C	BARUUNTURUUN	MONGOLIA
94601	C	AUGUSTA CAPE LEEUWIN	AUSTRALIA	89057	C	BASE ARTUROPRAT	CHILE
72218	C	AUGUSTA/BUSHFIELD, GA.	USA	89059	C	BASE BERNARDOO'HIGGINS	CHILE
72254	C	AUSTIN/ROBERTMUELLER.,TX.	USA	88963	C	BASE ESPERANZA	ARGENTINA
07265	C	AUXERRE	FRANCE	89053	C	BASE JUBANY	ARGENTINA
08210	C	AVILA	SPAIN	89055	C	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	60468	C	BATNA	ALGERIA
98328	C	BAGUIO	PHILIPPINES	44302	C	BAYAN-OVOO	MONGOLIA
87750	C	BAHIA BLANCA AERO	ARGENTINA	44275	C	BAYANBULAG	MONGOLIA
41150	C	BAHRAIN(INT. AIRPORT)	BAHRAIN	44352	C	BAYANDELGER	MONGOLIA
44265	C	BAITAG	MONGOLIA	44287	C	BAYANHONGOR	MONGOLIA
71926	CT	BAKER LAKE UA,N.W.T.	CANADA	60571	CT	BECHAR	ALGERIA
07299	C	BALE-MILHOUSE	FRANCE	72412	C	BECKLEY(RALEIGHCTY.MUN),WV.	USA
35796	C	BALHASH	KAZAKHSTAN	54511	CT	BEIJING	CHINA
17150	C	BALIKESIR	TURKEY	67297	C	BEIRA	MOZAMBIQUE
85874	C	BALMACEDA	CHILE	60402	C	BEJAIA	ALGERIA
72406	C	BALTIMORE/BALTIMORE-WASHINGT	USA	82191	C	BELEM	BRAZIL
61291	C	BAMAKO/SENOU	MALI	82193	T	BELEM (AEROPORTO)	BRAZIL
96011	C	BANDA ACEH/BLANGBINTANG	INDONESIA	03917	C	BELFAST/ALDERGROVEAIRPORT	U KINGDOM
40875	C	BANDARABBASS	IRAN, ISLAMIC REP	43198	C	BELGAUM/SAMBRA	INDIA
71122	C	BANFF,ALTA.	CANADA	78583	C	BELIZE/PHILLIPGOLDSTONINTL	BELIZE
43295	C	BANGALORE	INDIA	89050	C	BELLINGSHAUSEN	USSR
64656	C	BANGASSOU	CENTRALAFRICAN REP	03976	C	BELMULLET	IRELAND
48455	CT	BANGKOK	THAILAND	83587	C	BELO HORIZONTE	BRAZIL
64650	C	BANGUI	CENTRALAFRICAN REP	82246	C	BELTERRA	BRAZIL
61701	C	BANJUL/YUNDUM	GAMBIA	40180	C	BEN-GURIONINT. AIRPORT	ISRAEL
41685	C	BAR KHAN	PAKISTAN	60602	C	BENI ABBES	ALGERIA
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
87765	C	BARILOCHEAERO	ARGENTINA	13275	T	BEOGRAD/KOSUTNJAK	YUGOSLAVIA
80440	C	BARINAS	VENEZUELA	64600	C	BERBERATI	CENTRALAFRICAN REP
29838	C	BARNAUL	RUSSIAN FEDERATION	01317	C	BERGEN/FLORIDA	NORWAY
80410	C	BARQUISIMETO	VENEZUELA	10381	C	BERLIN-DAHLEM	GERMANY
82571	C	BARRA DO CORDA	BRAZIL	10384	C	BERLIN-TEMPELHOF	GERMANY
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	40179	T	BET DAGAN	ISRAEL
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	70219	C	BETHEL/BETHEL AIRPORT, AK.	USA
83236	C	BARREIRAS	BRAZIL	68461	CT	BETHLEHEM	SOUTH AFRICA

# STATION LIST RECENT DATA

40100	C	BEYROUTH(AEROPORT)	LEBANON	83377	C	BRASILIA	BRAZIL
42971	CT	BHUBANESWAR	INDIA	83378	T	BRASILIA (AEROPORTO)	BRAZIL
12295	C	BIALYSTOK	POLAND	30309	C	BRATSK	RUSSIAN FEDERATION
42165	C	BIKANER	INDIA	64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO
08025	C	BILBAO/SONDICA	SPAIN	10224	C	BREMEN	GERMANY
72677	C	BILLINGS/LOGANINT., MT.	USA	07110	C	BREST	FRANCE
61017	C	BILMA	NIGER	64655	C	BRIA	CENTRALAFRICAN REP
72515	C	BINGHAMTON/BROOMECONY., NY.	USA	16320	T	BRINDISI	ITALY
96441	CT	BINTULU	MALAYSIA	11723	C	BRNO/TURANY	CZECH REP
94482	C	BIRDSVILLEPOLICE STATION	AUSTRALIA	10453	C	BROCKEN	GERMANY
41084	C	BISHA	SAUDI ARABIA	94689	C	BROKENHILL PATTON STREET	AUSTRALIA
60525	C	BISKRA	ALGERIA	94203	CT	BROOME AIRPORT	AUSTRALIA
72764	CT	BISMARCK/MUN.,ND.	USA	72250	C	BROWNSVILLE/INT.,TX.	USA
15085	C	BISTRITA	ROMANIA	96315	CT	BRUNEI AIRPORT	BRUNEIDARUSSALAM
64510	C	BITAM	GABON	80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA
01028	CT	BJORNOYA	NORWAY	15420	CT	BUCURESTI/IMH	ROMANIA
31510	C	BLAGOVESCHENSK	RUSSIAN FEDERATION	12843	CT	BUDAPEST/LORINC	HUNGARY
68442	CT	BLOEMFONTEINAIRPORT	SOUTH AFRICA	87585	C	BUENOS AIRES OBSERVATORIO	ARGENTINA
82024	C	BOA VISTA	BRAZIL	72528	C	BUFFALO/GREATERBUFFALO,NY.	USA
65510	C	BOBO-DIOULASSO	BURKINA FASO	67964	C	BULAWAYO(GOETZ OBSY.)	ZIMBABWE
01152	CT	BODO	NORWAY	44239	C	BULGAN	MONGOLIA
80222	CT	BOGOTA/ELDORADO	COLOMBIA	41244	C	BURAIMI	OMAN
29282	C	BOGUCANY	RUSSIAN FEDERATION	08075	C	BURGOS/VILLAFRIA	SPAIN
65338	C	BOHICON	BENIN	94259	C	BURKETOWN	AUSTRALIA
72681	C	BOISE/MUN.,ID.	USA	72617	C	BURLINGTON/INTL,VT.	USA
87640	C	BOLIVAR AERO	ARGENTINA	17116	C	BURSA	TURKEY
83288	CT	BOM JESUS DA LAPA	BRAZIL	95916	C	CABRAMURRA	AUSTRALIA
43057	C	BOMBAY/COLABA	INDIA	08261	C	CACERES	SPAIN
43003	T	BOMBAY/SANTACRUZ	INDIA	08452	C	CADIZ	SPAIN
31253	C	BOMNAK	RUSSIAN FEDERATION	07027	C	CAEN	FRANCE
23884	C	BOR	RUSSIAN FEDERATION	16560	T	CAGLIARI/ELMAS	ITALY
91929	C	BORA-BORA	FRENCHPOLY. ON	94287	C	CAIRNS AERO	AUSTRALIA
07510	C	BORDEAUX/MERIGNAC	FRANCE	80442	C	CALABOZO	VENEZUELA
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	42807	C	CALCUTTA/ALIPORE	INDIA
60686	C	BORDJ B.MOKHTAR	ALGERIA	42809	T	CALCUTTA/DUMDUM	INDIA
65516	C	BOROMO	BURKINA FASO	80259	C	CALI/ALFONSOBONILLAARAGON	COLOMBIA
72509	C	BOSTON/LOGANINT., MA	USA	68618	C	CALVINIA	SOUTH AFRICA
60515	C	BOU-SAADA	ALGERIA	03808	T	CAMBORNE	U KINGDOM
64601	C	BOUAR	CENTRALAFRICAN REP	71925	T	CAMBRIDGEBAY UA, N.W.T.	CANADA
61296	C	BOUGOUNI	MALI	85315	C	CAMIRI	BOLIVIA
60417	C	BOUIRA	ALGERIA	76695	C	CAMPECHE,CAMP	MEXICO
07255	C	BOURGES	FRANCE	83612	T	CAMPO GRANDE(AEROPORTO)	BRAZIL
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	83698	C	CAMPOS	BRAZIL
08575	C	BRAGANCA	PORTUGAL	17112	C	CANAKKALE	TURKEY



# STATION LIST RECENT DATA

07661	C	CAP CEPET	FRANCE	56294	C	CHENGDU	CHINA
61697	C	CAP-SKIRRING	SENEGAL	87322	C	CHEPES	ARGENTINA
94805	C	CAPE BORDA	AUSTRALIA	42515	C	CHERRAPUNJI	INDIA
94967	C	CAPE BRUNY	AUSTRALIA	76750	C	CHETUMAL,Q.ROO	MEXICO
71910	C	CAPE DORSET,N.W.T.	CANADA	72564	C	CHEYENNE,WY.	USA
72304	C	CAPE HATTERAS,NC.	USA	41768	C	CHHOR	PAKISTAN
94842	C	CAPE OTWAY LIGHTHOUSE	AUSTRALIA	48327	CT	CHIANG MAI	THAILAND
68816	CT	CAPE TOWN INTNL. AIRPORT	SOUTH AFRICA	71822	C	CHIBOUGAMAUCHAPAIS,QUE.	CANADA
16522	C	CAPO CACCIA	ITALY	72530	C	CHICAGO/O'HARE,IL.	USA
80416	C	CARACAS/LACARLOTA	VENEZUELA	47971	CT	CHICHIJIMA	JAPAN
80415	C	CARACAS/MAIQUETIAAEROP. INT	VENEZUELA	84452	C	CHICLAYO	PERU
83592	C	CARATINGA	BRAZIL	67693	C	CHILEKA	MALAWI
83498	C	CARAVELAS	BRAZIL	85672	C	CHILLAN	CHILE
72712	C	CARIBOU/MUN.,ME.	USA	38262	C	CHIMBAJ	UZBEKISTAN
82765	CT	CAROLINA	BRAZIL	30758	CT	CHITA	RUSSIAN FEDERATION
86580	C	CARRASCO	URUGUAY	60425	C	CHLEF	ALGERIA
80432	C	CARRIZAL	VENEZUELA	44259	C	CHOIBALSAN	MONGOLIA
80022	C	CARTAGENA/RAFAELNUNEZ	COLOMBIA	44298	C	CHOIR	MONGOLIA
71818	C	CARTWRIGHT,NFLD.	CANADA	76311	C	CHOIX,SIN.	MEXICO
60155	CT	CASABLANCA	MOROCCO	21946	C	CHOKURDAH	RUSSIAN FEDERATION
03967	C	CASEMENT AERODROME	IRELAND	47648	C	CHOSHI	JAPAN
89611	CT	CASEY	AUSTRALIA	93780	C	CHRISTCHURCH	N ZEALAND
72569	C	CASPER/NATRONACOUNTYI.,WY.	USA	48517	C	CHUMPHON	THAILAND
08286	C	CASTELLON	SPAIN	47101	C	CHUNCHON	REP KOREA
87222	C	CATAMARCAAERO.	ARGENTINA	71913	CT	CHURCHILLUA,MAN.	CANADA
83676	C	CATANDUVA	BRAZIL	96805	C	CILACAP	INDONESIA
16459	C	CATANIA/SIGONELLA	ITALY	72421	C	CINCINNATI/GREATERCIN., OH.	USA
81405	C	CAYENNE/ROCHAMBEAU	FRENCH GUIANA	80444	C	CIUDAD BOLIVAR	VENEZUELA
94653	C	CEDUNA AIRPORT	AUSTRALIA	08348	C	CIUDAD REAL	SPAIN
89056	C	CENTRO MET.ANTARTICO''PDTE.ED	CHILE	76491	C	CIUDAD VICTORIA,TAMPS	MEXICO
87257	C	CERES AERO	ARGENTINA	07460	C	CLERMONT-FERRAND	FRANCE
87320	C	CHAMICAL AERO	ARGENTINA	15120	C	CLUJ-NAPOCA	ROMANIA
48480	C	CHANTHABURI	THAILAND	71090	C	CLYDE,N.W.T.	CANADA
85230	C	CHARANA	BOLIVIA	82425	C	COARI	BRAZIL
38687	C	CHARDZHEV	TURKMENISTAN	94711	CT	COBAR	AUSTRALIA
72414	C	CHARLESTON/KANAWHA.,WV.	USA	85041	C	COBIJA	BOLIVIA
72208	C	CHARLESTON/MUN.,SC.	USA	85223	C	COCHABAMBA	BOLIVIA
72314	C	CHARLOTTE/DOUGLASNC.	USA	43353	T	COCHIN/WILLINGDON	INDIA
07314	C	CHASSIRON	FRANCE	96996	CT	COCOS ISLAND AERO	AUSTRALIA
93986	T	CHATHAM ISLAND	N ZEALAND	82326	C	CODAJAS	BRAZIL
93987	C	CHATHAM ISLANDS AWS	N ZEALAND	94791	C	COFFS HARBOUR MO	AUSTRALIA
74494	T	CHATHAM,MA	USA	70316	CT	COLD BAY	USA
72324	C	CHATTANOOGA/LOVELFIELD, TN	USA	43466	C	COLOMBO	SRI LANKA
47184	C	CHEJU	REP KOREA	86560	C	COLONIA	URUGUAY

# STATION LIST RECENT DATA

76458	C	COLONIA JUAN CARRAS-COMAZAT	MEXICO	72259	C	DALLAS-FORT WORTH/FORT.,TX.	USA
72310	C	COLUMBIA,SC.	USA	42587	C	DALTONGANJ	INDIA
72445	C	COLUMBIA/REGIONAL.MO.	USA	40080	C	DAMASCUS INT.AIRPORT	SYRIAN ARAB REP
72428	C	COLUMBUS/PORTCOLUMBUS, OH.	USA	62805	C	DAMAZINE	SUDAN
76848	C	COMITAN,CHIS.	MEXICO	04320	CT	DANMARKSHAVN	GREENLAND
87860	C	COMODORORIVADAVIA AERO	ARGENTINA	63894	C	DAR ES SALAAM AIRPORT	U REP TANZANIA
82861	C	CONCEICAODO ARAGUAIA	BRAZIL	60390	CT	DAR-EL-BEIDA	ALGERIA
85682	C	CONCEPCION	CHILE	94120	CT	DARWIN AIRPORT	AUSTRALIA
85196	C	CONCEPCION	BOLIVIA	44256	C	DASHBALBAR	MONGOLIA
72605	C	CONCORD/MUN.,NH.	USA	26544	C	DAUGAVPILS	LATVIA
87395	C	CONCORDIA AERO	ARGENTINA	89571	CT	DAVIS	AUSTRALIA
15480	C	CONSTANTA	ROMANIA	72429	C	DAYTON/.COX, OH	USA
60419	C	CONSTANTINE	ALGERIA	06260	C	DE BILT	NETHERLANDS
85470	C	COPIAPO	CHILE	06235	C	DE KOOY	NETHERLANDS
71915	CT	CORAL HARBOUR UA, N.W.T.	CANADA	12882	C	DEBRECEN	HUNGARY
87344	CT	CORDOBA AERO	ARGENTINA	65505	C	DEDOUGOU	BURKINAFASO
08410	C	CORDOBA/AEROPUERTO	SPAIN	40045	C	DEIR EZZOR	SYRIAN ARAB REP
03955	C	CORK AIRPORT	IRELAND	60387	C	DELLYS	ALGERIA
80403	C	CORO	VENEZUELA	94869	C	DENILQUINPOST OFFICE	AUSTRALIA
72251	C	CORPUS CHRISTI/INT.,TX.	USA	41624	C	DERA ISMAIL KHAN	PAKISTAN
87166	C	CORRIENTES AERO.	ARGENTINA	72546	C	DES MOINES/MUN.,IA.	USA
17084	C	CORUM	TURKEY	72537	C	DETROIT/METROPOLITAN,MI.	USA
83552	C	CORUMBA	BRAZIL	40416	C	DHAHRAN	SAUDI ARABIA
65344	C	COTONOU	BENIN	41923	T	DHAKA	BANGLADESH
85864	C	COYHAIQUE	CHILE	44477	C	DHANKUTA	NEPAL
15450	C	CRAIOVA	ROMANIA	42314	C	DIBRUGARH/MOHANBARI	INDIA
82583	C	CRATEUS	BRAZIL	67009	C	DIEGO-SUAREZ	MADAGASCAR
82704	C	CRUZEIRO DO SUL	BRAZIL	07280	C	DIJON	FRANCE
80097	C	CUCUTA/CAMILODAZA	COLOMBIA	89054	C	DINAMET-URUGUAY	URUGUAY
08231	C	CUENCA	SPAIN	63471	C	DIREDAWA	ETHIOPIA
76726	C	CUERNAVACA,MOR	MEXICO	17280	CT	DIYARBAKIR	TURKEY
83361	C	CUIABA	BRAZIL	60670	C	DJANET	ALGERIA
76412	C	CULIACAN,SIN	MEXICO	60535	C	DJELFA	ALGERIA
80420	C	CUMANA	VENEZUELA	63862	C	DODOMA	U REP TANZANIA
94626	C	CUNDERDIN(POSTO)	AUSTRALIA	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	64910	C	DOUALA OBS.	CAMEROON
10131	C	CUXHAVEN	GERMANY	10488	C	DRESDEN-KLOTZSCHE	GERMANY
84686	C	CUZCO	PERU	41515	C	DROSH	PAKISTAN
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	95719	C	DUBBO AIRPORT AWS	AUSTRALIA
61641	CT	DAKAR/YOFF	SENEGAL	03969	C	DUBLIN AIRPORT	IRELAND
41712	C	DAL BANDIN	PAKISTAN	52836	C	DULAN	CHINA
44373	C	DALANZADGAD	MONGOLIA	72745	C	DULUTH/INT.,MN.	USA

# STATION LIST RECENT DATA

89642	CT	DUMONT D'URVILLE	FRANCE	65507	C	FADA N'GOURMA	BURKINAFASO
68588	CT	DURBAN INTNL. AIRPORT	SOUTH AFRICA	70261	C	FAIRBANKS/INT.	USA
42731	C	DWARKA	INDIA	72753	C	FARGO/HECTORFIELD, ND.	USA
68858	C	EAST LONDON	SOUTH AFRICA	76698	C	FELIPE CARRILLOPUERTO, Q.RO	MEXICO
94907	C	EAST SALE AIRPORT	AUSTRALIA	11155	C	FEUERKOGEL	AUSTRIA
62750	C	ED DUEIM	SUDAN	10578	C	FICHELBERG	GERMANY
17050	C	EDIRNE	TURKEY	72637	C	FLINT/BISHOP, MI.	USA
71119	T	EDMONTON STONY PLAIN, ALTA	CANADA	82678	CT	FLORIANO	BRAZIL
40199	C	EILAT	ISRAEL	83897	C	FLORIANOPOLIS	BRAZIL
28440	C	EKATERINBURG	RUSSIAN FEDERATION	82212	C	FONTE BOA	BRAZIL
62337	C	EL ARISH	EGYPT	87162	C	FORMOSA AERO	ARGENTINA
62760	C	EL FASHER	SUDAN	95646	C	FORREST AWS	AUSTRALIA
60590	C	EL GOLEA	ALGERIA	71945	CT	FORT NELSON UA,B.C.	CANADA
60540	C	EL KHEITER	ALGERIA	71073	C	FORT RELIANCE,N.W.T.	CANADA
62771	C	EL OBEID	SUDAN	71946	C	FORT SIMPSON,N.W.T.	CANADA
60559	C	EL OUED	ALGERIA	71934	T	FORT SMITH UA,N.W.T.	CANADA
72270	C	EL PASO/INT., TX.	USA	72344	C	FORT SMITH/MUN., AR.	USA
80437	C	EL VIGIA	VENEZUELA	72533	C	FORT WAYNE/MUN.,BAERFL.,IN.	USA
60367	C	EL-KALA	ALGERIA	67197	CT	FORT-DAUPHIN	MADAGASCAR
60550	C	ELBAYADH	ALGERIA	82397	CT	FORTALEZA	BRAZIL
12160	C	ELBLAG	POLAND	10637	C	FRANKFURT/M-FLUGHAFEN	GERMANY
63686	C	ELDORET	KENYA	72389	C	FRESNO/AIR TERM., CA.	USA
72486	C	ELY/YELLAND,NV.	USA	02226	C	FROSON	SWEDEN
07591	CT	EMBRUN	FRANCE	60035	C	FUERTEVENTURA/AEROPUERTO	SPAIN
10200	C	EMDEN-FLUGPLATZ	GERMANY	47843	C	FUKUE	JAPAN
76256	C	EMPALME, SON	MEXICO	47807	CT	FUKUOKA	JAPAN
62781	C	EN NAHUD	SUDAN	91643	CT	FUNAFUTI	TUVALU
29263	C	ENISEJSK	RUSSIAN FEDERATION	08522	CT	FUNCHAL	MADEIRA
24817	C	ERBOGACEN	RUSSIAN FEDERATION	60765	C	GABES	TUNISIA
44237	C	ERDENEMANDAL	MONGOLIA	60745	C	GAFSA	TUNISIA
53068	C	ERENHOT	CHINA	44284	C	GAIUUT	MONGOLIA
10554	C	ERFURT-BINDERSLEBEN	GERMANY	15310	C	GALATI	ROMANIA
17092	C	ERZINCAN	TURKEY	83746	T	GALEAO	BRAZIL
17096	C	ERZURUM	TURKEY	72242	C	GALVESTON, TX.	USA
40800	CT	ESFAHAN	IRAN, ISLAMIC REP	94926	C	GANBERRAAMO	AUSTRALIA
03162	C	ESKDALEMUIR	U KINGDOM	71803	C	GANDER INT.AIRPORT,NFLD.	CANADA
87803	C	ESQUEL AERO	ARGENTINA	57993	C	GANZHOU	CHINA
60220	C	ESSAOUIRA	MOROCCO	65522	C	GAOUA	BURKINAFASO
10410	CT	ESSEN	GERMANY	63723	C	GARISSA	KENYA
71862	C	ESTEVAN,SASK.	CANADA	40405	C	GASSIM	SAUDI ARABIA
71917	T	EUREKA UA, N.W.T.	CANADA	42410	CT	GAUHATI	INDIA
72594	C	EUREKA, CA.	USA	62752	C	GEDAREF	SUDAN
72432	C	EVANSVILLE/REG.,IN.	USA	10628	C	GEISENHEIM	GERMANY
87576	CT	EZEIZA AERO	ARGENTINA	62770	C	GENEINA	SUDAN

# STATION LIST RECENT DATA

87532	C	GENERALPICO AERO	ARGENTINA	80428	C	GUANARE	VENEZUELA
06700	C	GENEVE-COINTRIN	SWITZERLAND	59287	C	GUANGZHOU	CHINA
68828	C	GEORGE AIRPORT	SOUTH AFRICA	80448	C	GUASDUALITO	VENEZUELA
81001	C	GEORGETOWN	GUYANA	60403	C	GUELMA	ALGERIA
94275	C	GEORGETOWN	AUSTRALIA	80423	C	GUIRIA	VENEZUELA
94403	CT	GERALDTON AIRPORT	AUSTRALIA	02128	C	GUNNARN	SWEDEN
08184	C	GERONA/COSTABRAVA	SPAIN	40360	C	GURIAT	SAUDI ARABIA
60566	C	GHARDAIA	ALGERIA	40250	C	H-4 'IRWAISHED'	JORDAN
60517	C	GHAZAOUET	ALGERIA	31735	C	HABAROVSK	RUSSIAN FEDERATION
40296	C	GHOR EL SAFI	JORDAN	47678	CT	HACHIJAJIMA	JAPAN
08495	CT	GIBALTAR	GIBALTAR	76692	C	HACIENDA YLANG YLANG VER.	MEXICO
08014	C	GIJON	SPAIN	40373	T	HAFR AL-BATIN	SAUDI ARABIA
94461	CT	GILES	AUSTRALIA	59758	C	HAIKOU	CHINA
17034	C	GIRESUN	TURKEY	40394	CT	HAIL	SAUDI ARABIA
93292	C	GISBORNE AERODROME AWS	N ZEALAND	50527	CT	HAILAR	CHINA
41140	C	GIZAN	SAUDI ARABIA	17285	C	HAKKARI	TURKEY
72768	C	GLASGOW/INTL,MT.	USA	47430	C	HAKODATE	JAPAN
20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION	71081	CT	HALL BEACH UA,N.W.T.	CANADA
43192	CT	GOA/PANJIM	INDIA	89022	CT	HALLEY	U KINGDOM
87880	C	GOBERNADOR GREGORES AERO	ARGENTINA	94212	C	HALLS CREEK AMO	AUSTRALIA
10499	C	GOERLITZ	GERMANY	40030	C	HAMA	SYRIAN ARAB REP
83423	C	GOIANIA	BRAZIL	47755	C	HAMADA	JAPAN
63331	C	GONDAR	ETHIOPIA	43497	C	HAMBANTOTA	SRI LANKA
71816	CT	GOOSE UA,NFLD.	CANADA	10147	C	HAMBURG-FUHLBUETTEL	GERMANY
71733	C	GORE BAY,ONT.	CANADA	52203	C	HAMI	CHINA
02527	T	GOTEBORG/LANDVETTER	SWEDEN	10338	C	HANNOVER	GERMANY
02512	C	GOTEBORG/SAVE	SWEDEN	23933	CT	HANTY-MANSIJSK	RUSSIAN FEDERATION
68906	CT	GOUGH ISLAND	SOUTH AFRICA	02196	C	HAPARANDA	SWEDEN
07535	C	GOURDON	FRANCE	67775	C	HARARE (KUTSAGA)	ZIMBABWE
61045	C	GOURE	NIGER	72508	C	HARTFORD/BRADLEY INTL, CT.	USA
94150	CT	GOVE AIRPORT	AUSTRALIA	60581	C	HASSI-MESSAOUD	ALGERIA
08419	C	GRANADA/AEROPUERTO	SPAIN	20891	C	HATANGA	RUSSIAN FEDERATION
72476	C	GRAND JUNCTION/WALKERF.,CO.	USA	44207	C	HATGAL	MONGOLIA
72635	C	GRAND RAPIDS/KENT CO., MI.	USA	78988	CT	HATO AIRPORT,CURACAO	CURACAO AND BONAIRE
78954	C	GRANTLEY ADAMS	BARBADOS	71935	C	HAY RIVER,N.W.T.	CANADA
11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	72772	C	HELENA/COUNTY-CITY MT.	USA
16253	C	GRAZZANISE	ITALY	02974	C	HELSINKI-VANTAA	FINLAND
72645	C	GREEN BAY/A.-STRAUBEL,WI.	USA	62378	CT	HELWAN	EGYPT
72317	C	GREENSBORO/G.-HIGHPT., NC.	USA	16754	CT	HERAKLION(AIRPORT)	GREECE
72312	C	GREENVILLE/SPATANBURG SC	USA	60001	C	HIERRO/AEROPUERTO	SPAIN
10184	CT	GREIFSWALD	GERMANY	71066	C	HIGH LEVEL, ALTA	CANADA
08226	C	GUADALAJARA	SPAIN	91285	CT	HILO/GEN. LYMAN, HAWAII,	USA
87497	C	GUALEGUAYCHUAERO	ARGENTINA	94975	CT	HOBART AIRPORT	AUSTRALIA
76577	C	GUANAJUATO,GTO.	MEXICO	10685	C	HOF	GERMANY

# STATION LIST RECENT DATA

10962	C	HOHENPEISSENBERG	GERMANY	83881	C	IRAI	BRAZIL
93614	C	HOKITIKA AERODROME	N ZEALAND	83836	C	IRATI	BRAZIL
93615	C	HOKITIKA AERODROMEAWS	N ZEALAND	68263	T	IRENE	SOUTH AFRICA
32128	C	HOLMSK	RUSSIAN FEDERATION	30710	C	IRKUTSK	RUSSIAN FEDERATION
61240	C	HOMBORI	MALI	47918	CT	ISHIGAKIJIMA	JAPAN
91182	C	HONOLULU,OAHU,HAWAII	USA	85469	C	ISLA DE PASCUA	CHILE
08506	C	HORTA (ACORES)	PORTUGAL	85585	C	ISLA JUAN FERNANDEZ	CHILE
23219	C	HOSEDA-HARD	RUSSIAN FEDERATION	41571	C	ISLAMABAD AIRPORT	PAKISTAN
51828	C	HOTAN	CHINA	17240	CT	ISPARTA	TURKEY
72243	C	HOUSTON/INTERCONTI-NENTAL,	USA	17062	CT	ISTANBUL/GOZTEPE	TURKEY
44218	C	HOVD	MONGOLIA	82445	C	ITAITUBA	BRAZIL
08383	C	HUELVA	SPAIN	17220	CT	IZMIR/GUZELYALT	TURKEY
44285	C	HUIJIRT	MONGOLIA	47800	C	IZUHARA	JAPAN
72425	C	HUNTINGTON,WV	USA	72235	C	JACKSON/ALLENC. THOMP.,MS.	USA
72654	C	HURON/HURONREGIONAL,SD.	USA	72206	C	JACKSONVILLE/INTNL.,FL.	USA
44232	C	HUTAG	MONGOLIA	41715	C	JACOBABAD	PAKISTAN
41765	C	HYDERABAD	PAKISTAN	83186	C	JACOBINA	BRAZIL
43128	T	HYDERABADAIRPORT	INDIA	08417	C	JAGEN	SPAIN
41764	C	HYDERABADAIRPORT	PAKISTAN	43041	C	JAGDALPUR	INDIA
43128	C	HYDERABADAIRPORT	INDIA	96749	C	JAKARTA/SOEKARNO-HATTA	INDONESIA
15090	C	IASI	ROMANIA	24959	CT	JAKUTSK	RUSSIAN FEDERATION
80214	C	IBAGUE/PERALES	COLOMBIA	76687	C	JALAPA, VER	MEXICO
08373	C	IBIZA/ES CODOLA	SPAIN	96195	C	JAMBI/SULTANTAHA	INDONESIA
32411	C	ICA	RUSSIAN FEDERATION	01001	CT	JAN MAYEN	NORWAY
87097	C	IGUAZU AERO	ARGENTINA	97690	C	JAYAPURA/SENTANI	INDONESIA
60640	C	ILLIZI	ALGERIA	41024	CT	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA
04339	CT	ILLOQQORTOORMIUT(SCORES)BYSU	GREENLAND	60725	C	JENDOUBA	TUNISIA
98637	C	ILOILO	PHILIPPINES	08451	C	JEREZ DE LA FRONTERA AERO.	SPAIN
31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION	41598	C	JHELUM	PAKISTAN
64459	C	IMPONDO	CONGO	60351	C	JIJEL ACHOUAT	ALGERIA
60611	C	IN AMENAS	ALGERIA	60353	C	JIJEL PORT	ALGERIA
60630	CT	IN SALAH	ALGERIA	63402	C	JIMMA	ETHIOPIA
60690	C	IN-GUEZZAM	ALGERIA	52533	C	JIUQUAN	CHINA
72438	C	INDIANAPOLIS/I.-MUN/WEL.,IN.	USA	41756	C	JIWANI	PAKISTAN
42754	C	INDORE	INDIA	83481	C	JOAO PINHEIRO	BRAZIL
11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA	42339	CT	JODHPUR	INDIA
72747	CT	INT.FALLS/FALLSINT.MN.	USA	02929	C	JOENSUU	FINLAND
71907	CT	INUKJUAQ,QUE	CANADA	68368	C	JOHANNESBURGINT. AIRPORT	SOUTH AFRICA
71957	CT	INUVIK UA,N.W.T.	CANADA	02963	CT	JOKIOINEN	FINLAND
93844	CT	INVERCARGILLAERODROME	N ZEALAND	02550	C	JONKOPING/AXAMO	SWEDEN
94541	C	INVERELL POST OFFICE	AUSTRALIA	78762	C	JUAN SANTAMARIA	COSTA RICA
80370	C	IPIALES/SAN LUIS	COLOMBIA	62941	C	JUBA	SUDAN
71909	CT	IQALUIT,N.W.T.	CANADA	87046	C	JUJUY AERO	ARGENTINA
84377	C	IQUITOS	PERU	84735	C	JULIACA	PERU

# STATION LIST RECENT DATA

78866	C	JULIANA AIRPORT, ST. MAARTEN	ST.MAARTEN,ST.EUST	40841	CT	KERMAN	IRAN, ISLAMIC REP
87548	C	JUNIN AERO	ARGENTINA	40766	C	KERMANS SHAH	IRAN, ISLAMIC REP
32165	C	JUZHNO-KURIL'SK	RUSSIAN FEDERATION	02805	C	KEVO	FINLAND
32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION	72201	C	KEY WEST/INT.,FL.	USA
02935	CT	JYVASKYLA	FINLAND	44313	C	KHALKH-GOL	MONGOLIA
62810	C	KADUGLI	SUDAN	41114	C	KHAMIS MUSHAIT	SAUDI ARABIA
47827	CT	KAGOSHIMA	JAPAN	41718	C	KHANPUR	PAKISTAN
17255	C	KAHRAMANMARAS	TURKEY	34300	C	KHARKIV	UKRAINE
93678	C	KAIKOURA	N ZEALAND	62721	CT	KHARTOUM	SUDAN
60735	C	KAIROUAN	TUNISIA	60476	C	KHENCHELLA	ALGERIA
93012	C	KAITAIA	N ZEALAND	41744	C	KHUZDAR	PAKISTAN
02897	C	KAJAANI	FINLAND	02801	C	KILPISJARVI	FINLAND
30469	C	KALAKAN	RUSSIAN FEDERATION	68438	C	KIMBERLEY	SOUTH AFRICA
16726	C	KALAMATA (AIRPORT)	GREECE	40417	C	KING FAHAD INT. AIRPORT	SAUDI ARABIA
94101	C	KALUMBURU	AUSTRALIA	40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA
25744	C	KAMENSKOE	RUSSIAN FEDERATION	70326	C	KING SALMON	USA
40001	C	KAMISHLI	SYRIAN ARAB REP	45004	CT	KING'S PARK	HONG KONG, CHINA
71887	C	KAMLOOPS,B.C.	CANADA	78397	CT	KINGSTON/NORMANMANLEY	JAMAICA
47605	C	KANAZAWA	JAPAN	03066	C	KINLOSS	U KINGDOM
65306	C	KANDI	BENIN	64210	C	KINSHASA/N'DJILI	DEMO. REP THE CONG
47105	C	KANGNUNG	REP KOREA	30230	CT	KIRENSK	RUSSIAN FEDERATION
22165	C	KANIN NOS	RUSSIAN FEDERATION	61270	C	KITA	MALI
61679	C	KAOLACK	SENEGAL	11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA
65357	C	KARA	TOGO	26509	C	KLAJPEDA	LITHUANIA
41780	C	KARACHI AIRPORT	PAKISTAN	72326	C	KNOXVILLE/MUN.,TN.	USA
35394	C	KARAGANDA	KAZAKHSTAN	11487	C	KOCELOVICE	CZECH REP
02080	C	KARESUANDO	SWEDEN	06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK & FAROE IS.
62660	C	KARIMA	SUDAN	29231	CT	KOLPASEVO	RUSSIAN FEDERATION
10727	C	KARLSRUHE	GERMANY	10929	C	KONSTANZ	GERMANY
02418	C	KARLSTADFLYGPLATS	SWEDEN	17244	C	KONYA	TURKEY
17098	C	KARS	TURKEY	25954	CT	KORF	RUSSIAN FEDERATION
51709	C	KASHI	CHINA	91408	C	KOROR, PALAU IS.	USA FEDERATION
62730	C	KASSALA	SUDAN	62772	C	KOSTI	SUDAN
17074	C	KASTAMONU	TURKEY	42452	C	KOTA AERODROME	INDIA
44454	C	KATHMANDU AIRPORT	NEPAL	48615	CT	KOTA BHARU	MALAYSIA
26629	C	KAUNAS	LITHUANIA	96471	CT	KOTA KINABALU	MALAYSIA
61257	C	KAYES	MALI	70133	CT	KOTZEBUE, RALPH WIEN	USA
27595	CT	KAZAN'	RUSSIAN FEDERATION	91577	C	KOUMAC (NLE-CALEDONIE)	N CALEDONIA
04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND	61293	C	KOUTIALA	MALI
10946	C	KEMPTEN	GERMANY	43314	C	KOZHICODE	INDIA
61285	C	KENIEBA	MALI	12566	C	KRAKOW	POLAND
60120	C	KENITRA	MOROCCO	60514	C	KSAR CHELLALA	ALGERIA
16641	C	KERKYRA (AIRPORT)	GREECE	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
93997	T	KERMADECIS.	N ZEALAND	48657	C	KUANTAN	MALAYSIA

# STATION LIST RECENT DATA

96413	CT	KUCHING	MALAYSIA	72386	C	LAS VEGAS/MCCARRAN,NV.	USA
65442	C	KUMASI	GHANA	40022	C	LATTAKIA	SYRIAN ARAB REP
56778	CT	KUNMING	CHINA	94968	C	LAUNCESTONAIRPORT	AUSTRALIA
15730	C	KURDJALI	BULGARIA	07471	C	LE BUY	FRANCE
47418	C	KUSHIRO	JAPAN	78925	C	LE LAMENTIN	MARTINIQUE
28952	C	KUSTANAI	KAZAKHSTAN	78897	CT	LE RAIZET,GAUADELOUPE	ST.MARTIN,ST.BARTH
71906	CT	KUUJJUAQ,QUE.	CANADA	07207	C	LE TALUT	FRANCE
71905	C	KUUJJUARAPIK,QUE.	CANADA	12120	CT	LEBA	POLAND
02869	C	KUUSAMO	FINLAND	03257	C	LEEMING	U KINGDOM
91366	C	KWAJALEIN/BUCHOLZAAF, MARSH	USA	98444	C	LEGASPI	PHILIPPINES
47158	T	KWANGJU AB	REP KOREA	12374	T	LEGIONOWO	POLAND
33345	C	KYIV	UKRAINE	10469	C	LEIPZIG-SCHKEUDITZ	GERMANY
33393	C	L'VIV	UKRAINE	83242	C	LENCOIS	BRAZIL
80476	C	LA CANADA	VENEZUELA	08055	C	LEON/VIRGENDEL CAMINO	SPAIN
08001	CT	LA CORUNA	SPAIN	08171	C	LERIDA	SPAIN
08002	C	LA CORUNA/ALVEDRO	SPAIN	03005	CT	LERWICK	U KINGDOM
71823	CT	LA GRANDEIV,QUE.	CANADA	80398	CT	LETICIA/VASQUEZCOBO	COLOMBIA
71827	C	LA GRANDE RIVIERE, QUE	CANADA	72422	C	LEXINGTON/BLUEGRASS, KY.	USA
07020	CT	LA HAGUE	FRANCE	55591	CT	LHASA	CHINA
78708	C	LA MESA (SAN PEDRO SULA)	HONDURAS	11603	C	LIBEREC	CZECH REP
60005	C	LA PALMA/AEROPUERTO	SPAIN	64500	C	LIBREVILLE	GABON
76405	C	LA PAZ, B.C.S.	MEXICO	91165	C	LIHUE, KAUAI, HAWAII	USA
85201	C	LA PAZ/ALTO	BOLIVIA	07015	C	LILLE	FRANCE
87007	C	LA QUIACA OBSERVATORIO	ARGENTINA	67586	C	LILONGWEINT'L AIRPORT	MALAWI
87217	C	LA RIOJA AERO.	ARGENTINA	84628	CT	LIMA-CALLAO/AEROP.INTERNACI	PERU
85488	C	LA SERENA	CHILE	07434	C	LIMOGES	FRANCE
87534	C	LABOULAYE	ARGENTINA	10393	CT	LINDENBERG	GERMANY
82723	C	LABREA	BRAZIL	61627	C	LINGUERE	SENEGAL
96465	C	LABUAN	MALAYSIA	08579	T	LISBOA/GAGOCOUTINHO	PORTUGAL
60545	C	LAGHOUAT	ALGERIA	08535	C	LISBOA/GEOF	PORTUGAL
41640	C	LAHORECITY	PAKISTAN	10020	C	LIST/SYLT	GERMANY
08508	T	LAJES/SANTARITA (ACORES)	PORTUGAL	08084	C	LOGRONO/AGONCILLO	SPAIN
72240	C	LAKE CHARLES/MUN.,LA.	USA	65387	C	LOME	TOGO
64551	C	LAMBARENE	GABON	03772	C	LONDON/HEATHROWAIRPORT	U KINGDOM
72576	C	LANDER/HUNT,WY.	USA	83766	C	LONDRINA	BRAZIL
60040	C	LANZAROTE/AEROPUERTO	SPAIN	94346	C	LONGREACHAIRPORT	AUSTRALIA
52889	CT	LANZHOU	CHINA	94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA
98223	CT	LAOAG	PHILIPPINES	72295	C	LOS ANGELES/INT.,CA.	USA
16648	C	LARISSA (AIRPORT)	GREECE	64401	C	LOUBOMO	CONGO
17609	C	LARNACA AIRPORT	CYPRUS	72423	C	LOUISVILLE/STANDIFORD,KY.	USA
87563	C	LAS FLORES AERO	ARGENTINA	72267	C	LUBBOCK/LUBBOCKINTL, TX.	USA
80241	CT	LAS GAVIOTAS	COLOMBIA	42369	T	LUCKNOW/AMAUSI	INDIA
87078	C	LAS LOMITAS	ARGENTINA	06770	C	LUGANO	SWITZERLAND
60030	C	LAS PALMAS DE GRAN CAN./GAN.	SPAIN	08008	C	LUGO/ROZAS	SPAIN

# STATION LIST RECENT DATA

16597	C	LUQA	MALTA	71722	CT	MANIWAKI.QUE.	CANADA
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	97530	C	MANOKWARI/RENDANI	INDONESIA
03740	C	LYNEHAM	U KINGDOM	03797	C	MANSTON	U KINGDOM
71078	C	LYNN LAKE, MAN.	CANADA	76654	C	MANZANILLO, COL.	MEXICO
60467	C	M'SILA	ALGERIA	87774	C	MAQUINCHAO	ARGENTINA
40310	C	MA'AN	JORDAN	87692	C	MAR DEL PLATA AERO	ARGENTINA
44294	C	MAANTI	MONGOLIA	82562	C	MARABA	BRAZIL
82098	C	MACAPA	BRAZIL	80407	C	MARACAIBO-LACHINITA	VENEZUELA
43185	C	MACHILIPATNAM	INDIA	80413	C	MARACAY - B.A. SUCRE	VENEZUELA
94367	C	MACKAY MO	AUSTRALIA	87467	C	MARCOS JUAREZ AERO	ARGENTINA
72217	C	MACON/LEWIS B. WILSON, GA.	USA	16325	C	MARINA DI GINOSA	ITALY
94998	CT	MACQUARIE ISLAND	AUSTRALIA	68994	CT	MARION ISLAND	SOUTH AFRICA
98646	C	MACTAN	PHILIPPINES	60230	C	MARRAKECH	MOROCCO
40430	CT	MADINAH	SAUDI ARABIA	94480	C	MARREE	AUSTRALIA
72641	C	MADISON/DANE COUNTY REGIONAL	USA	61996	T	MARTIN DE VIVIES (ILE AMSTER	OCEAN ISLANDS
43279	CT	MADRAS/MINAMBAKKAM	INDIA	60507	C	MASCARA GRISS	ALGERIA
08221	CT	MADRID/BARAJAS	SPAIN	60506	C	MASCARA METMORE	ALGERIA
08223	C	MADRID/CUATRO VIENTOS	SPAIN	40745	CT	MASHHAD	IRAN, ISLAMIC REP
08224	C	MADRID/GETAFE	SPAIN	41288	C	MASIRAH	OMAN
08227	C	MADRID/TORREJON	SPAIN	61630	C	MATAM	SENEGAL
47624	C	MAEBASHI	JAPAN	76585	C	MATLAPA, S.L.P.	MEXICO
40265	CT	MAFRAQ	JORDAN	47741	C	MATSUE	JAPAN
85114	C	MAGDALENA	BOLIVIA	47618	C	MATSUMOTO	JAPAN
10361	C	MAGDEBURG	GERMANY	47887	C	MATSUYAMA	JAPAN
60522	C	MAGHNA	ALGERIA	80435	C	MATURIN	VENEZUELA
67073	C	MAINTIRANO	MADAGASCAR	89564	CT	MAWSON	AUSTRALIA
47750	C	MAIZURU	JAPAN	70231	C	MCGRATH	USA
91376	C	MAJURO/MARSHALLS. INTL	USA	60549	C	MECHERIA	ALGERIA
41030	C	MAKKAH	SAUDI ARABIA	96035	C	MEDAN/POLONIA	INDONESIA
64556	C	MAKOKOU	GABON	60437	C	MEDEA	ALGERIA
64456	C	MAKOUA	CONGO	72597	CT	MEDFORD/MEDFORD-JACKSON COU	USA
48665	C	MALACCA	MALAYSIA	94430	C	MEEKATHARRA AIRPORT	AUSTRALIA
08482	C	MALAGA/AEROPUERTO	SPAIN	10548	CT	MEININGEN	GERMANY
62840	C	MALAKAL	SUDAN	60150	C	MEKNES	MOROCCO
87506	C	MALARGUE AERO	ARGENTINA	94866	C	MELBOURNE AIRPORT	AUSTRALIA
17199	C	MALATYA/BOLGE	TURKEY	60338	C	MELILLA	SPAIN
03980	C	MALIN HEAD	IRELAND	86440	C	MELO	URUGUAY
63799	C	MALINDI	KENYA	61250	C	MENAKA	MALI
82331	C	MANAUS	BRAZIL	87418	C	MENDOZA AERO	ARGENTINA
82332	T	MANAUS (AEROPORTO)	BRAZIL	80425	C	MENE GRANDE	VENEZUELA
03334	C	MANCHESTER AIRPORT	U KINGDOM	56985	C	MENGZI	CHINA
44341	C	MANDALGOVI	MONGOLIA	08314	C	MENORCA/MAHON	SPAIN
43285	T	MANGALORE/PANAMBUR	INDIA	97980	C	MERAUKE/MOPAH	INDONESIA
82533	C	MANICORE	BRAZIL	86490	C	MERCEDES	URUGUAY



# STATION LIST RECENT DATA

80438	C	MERIDA	VENEZUELA	76665	C	MORELIA,MICH.	MEXICO
72234	C	MERIDIAN/KEY,MS.	USA	08397	C	MORON DE LA FRONTERA	SPAIN
62306	CT	MERSA MATRUH	EGYPT	94937	C	MORUYE HEADS PILOT STN	AUSTRALIA
17340	C	MERSIN	TURKEY	27612	CT	MOSKVA	RUSSIAN FEDERATION
48674	C	MERSING	MALAYSIA	60457	C	MOSTAGANEM VILLE	ALGERIA
16420	C	MESSINA	ITALY	64550	C	MOULA	GABON
72202	C	MIAMI, FL.	USA	94821	CT	MOUNT GAMBIER AERO	AUSTRALIA
60195	C	MIDELT	MOROCCO	64402	C	MOUYONDZI	CONGO
72265	C	MIDLAND/MIDLANDREG., TX.	USA	63619	C	MOYALE	KENYA
16080	T	MILANO/LINATE	ITALY	94332	CT	MT ISA AERO	AUSTRALIA
94693	C	MILDURA AIRPORT	AUSTRALIA	63971	C	MTWARA	U REP TANZANIA
11464	C	MILESOVKA	CZECH REP	10870	C	MUENCHEN,FLUGHAFEN	GERMANY
60430	C	MILIANA	ALGERIA	10868	T	MUENCHEN-OBERSCHLEISSHEIM	GERMANY
07558	C	MILLAU	FRANCE	17292	C	MUGLA	TURKEY
72640	C	MILWAUKEE/GEN.MITCHELL, WI.	USA	42147	C	MUKTESHWARKUMAON	INDIA
47945	CT	MINAMIDAITOJIMA	JAPAN	41675	C	MULTAN	PAKISTAN
47991	CT	MINAMITORISHIMA	JAPAN	08430	CT	MURCIA	SPAIN
43369	CT	MINICOY	INDIA	08429	C	MURCIA/ALCANTARILLA	SPAIN
72658	C	MINNEAPOLIS/ST.PAULINTL,MN.	USA	08433	C	MURCIA/SAN JAVIER	SPAIN
26850	C	MINSK	BELARUS	44231	C	MUREN	MONGOLIA
29866	C	MINUSINSK	RUSSIAN FEDERATION	22113	CT	MURMANSK	RUSSIAN FEDERATION
96449	C	MIRI	MALAYSIA ERATION	47899	C	MURATOMISAKI	JAPAN
89592	CT	MIRNYJ	USSR N	72636	C	MUSKEGON/COUNTY,MI.	USA
72773	C	MISSOULA/JOHNSON-BELLF.,MT.	USA	63756	C	MWANZA	U REP TANZANIA
64552	C	MITZIC	GABON	25173	C	MYS SHMIDTA	RUSSIAN FEDERATION
47585	C	MIYAKO	JAPAN	64654	C	N'DELE	CENTRALAFRICAN REP
47927	C	MIYAKOJIMA	JAPAN	61049	C	N'GUIGMI	NIGER
47830	C	MIYAZAKI	JAPAN	60557	C	NAAMA	ALGERIA
68242	C	MMABATHO	SOUTH AFRICA	47817	C	NAGASAKI	JAPAN
72223	C	MOBILE/BATESFIELD, AL.	USA	47636	C	NAGOYA	JAPAN
30673	C	MOGOCA	RUSSIAN FEDERATION	42867	CT	NAGPUR,SONEGAON	INDIA
47165	C	MOKPO	REP KOREA	12925	C	NAGYKANIZSA	HUNGARY
72544	C	MOLINE/QUADCITY, IL.	USA	47936	CT	NAHA	JAPAN
76342	C	MONCLOVA,COAH.	MEXICO	71902	C	NAIN,NFLD	CANADA
07560	C	MONT AIGOUAL	FRANCE	63741	T	NAIROBI/DAGORETTI	KENYA
07607	C	MONT-DE-MARSAN	FRANCE	63740	C	NAIROBI/KENYATTAIRPORT	KENYA
87393	C	MONTE CASEROS AERO	ARGENTINA	41128	C	NAJRAN	SAUDI ARABIA
78388	C	MONTEGO BAY/SANGSTER	JAMAICA	48431	C	NAKHONRATCHASIMA	THAILAND
76393	C	MONTERREY,N.L.	MEXICO	48400	C	NAKHONSAWAN	THAILAND
83437	C	MONTES CLAROS	BRAZIL	58606	C	NANCHANG	CHINA
72226	C	MONTGOMERY/DANNELLY,AL.	USA	07180	CT	NANCY/ESSEY	FRANCE
07643	C	MONTPELLIER	FRANCE	91680	CT	NANDI	FIJI
71836	T	MOOSONEE,ONT.	CANADA	59431	C	NANNING	CHINA
61265	C	MOPTI	MALI	07222	C	NANTES	FRANCE

# STATION LIST RECENT DATA

23205	CT	NAR'JAN-MAR	RUSSIAN FEDERATION	61442	C	NOUAKCHOTT	MAURITANIA
61233	C	NARA	MALI	91592	CT	NOUMEA (NLLE-CALEDONIE)	N CALEDONIA
04270	T	NARSARSUAQ	GREENLAND	89512	CT	NOVOLAZAREVSKAJA	USSR
72327	CT	NASHVILLE/METROPOLITAN,TN.	USA	10506	C	NUERBURG-BARWEILER	GERMANY
78073	C	NASSAU AIRPORT	BAHAMAS	10763	C	NUERNBERG	GERMANY
82598	C	NATAL	BRAZIL	04250	C	NUUK (GODTHAAB)	GREENLAND
82599	T	NATAL (AEROPORTO)	BRAZIL	43473	C	NUWARAELIYA	SRI LANKA
71813	C	NATASHQUAN,QUE.	CANADA	62790	C	NYALA	SUDAN
65319	C	NATITINGOU	BENIN	33837	C	ODESA	UKRAINE
91683	C	NAUSORI	FIJI	31088	CT	OHOTSK	RUSSIAN FEDERATION
08215	C	NAVACERRADA	SPAIN	47815	C	OITA	JAPAN
41749	C	NAWABSHAH	PAKISTAN	24688	C	OJMAKON	RUSSIAN FEDERATION
47909	CT	NAZE	JAPAN	24125	CT	OLENEK	RUSSIAN FEDERATION
64700	C	NDJAMENA	CHAD	87643	C	OLOVARRIAAERO	ARGENTINA
80315	C	NEIVA/BENITOSALAS	COLOMBIA	72792	C	OLYMPIA, WA.	USA
47420	CT	NEMURO	JAPAN	47655	C	OMAEZAKI	JAPAN
89002	CT	NEUMAYER	GERMANY	44215	C	OMNO-GOBI	MONGOLIA
87715	C	NEUQUENA AERO	ARGENTINA	28698	CT	OMSK	RUSSIAN FEDERATION
10270	C	NEURUPPIN	GERMANY	47598	C	ONAHAMA	JAPAN
42182	CT	NEW DELHI/SAFDARJUNG	INDIA	91699	C	ONO-I-LAU	FIJI
72231	C	NEW ORLEANS/MOISANTINT., LA	USA	32077	C	ONOR	RUSSIAN FEDERATION
93308	C	NEW PLYMOUTH AERODROME	N ZEALAND	87016	C	ORAN AERO	ARGENTINA
93309	C	NEW PLYMOUTHAWS	N ZEALAND	60461	C	ORAN PORT	ALGERIA
72503	C	NEW YORK/LA GUARDIA, NY.	USA	60490	C	ORAN/ES SENIA	ALGERIA
94317	C	NEWMAN AERO	AUSTRALIA	35121	CT	ORENBURG	RUSSIAN FEDERATION
61052	CT	NIAMEY-AERO	NIGER	08048	C	ORENSE	SPAIN
65355	C	NIAMTOUGOU	TOGO	01241	CT	ORLAND	NORWAY
07690	C	NICE	FRANCE	72205	C	ORLANDO/JETPORT,FL.	USA
17250	C	NIGDE	TURKEY	40712	C	ORUMIEH	IRAN, ISLAMIC REP
02942	C	NIINISALO	FINLAND	85242	C	ORURO	BOLIVIA
32618	C	NIKOL'SKOE	RUSSIAN FEDERATION	47772	C	OSAKA	JAPAN
31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION	47122	T	OSAN AB	REP KOREA
07645	T	NIMES/COURBESSAC	FRANCE	47675	C	OSHIMA	JAPAN
98429	C	NINOY AQUINO INTER- NATIONAL	PHILIPPINES	01384	C	OSLO/GARDERMOEN	NORWAY
61230	C	NIORO DU SAHEL	MALI	85782	C	OSORNO	CHILE
32053	C	NOGLIKI	RUSSIAN FEDERATION	11782	C	OSTRAVA/MOSNOV	CZECH REP
41710	C	NOKKUNDI	PAKISTAN	20674	CT	OSTROV DIKSON	RUSSIAN FEDERATION
70200	CT	NOME	USA	21432	C	OSTROV KOTEL'NYJ	RUSSIAN FEDERATION
94996	CT	NORFOLK ISLAND AERO	AUSTRALIA	20069	C	OSTROV VIZE	RUSSIAN FEDERATION
72308	C	NORFOLK/INT.,VA.	USA	65503	C	OUAGADOUGOU	BURKINA FASO
72556	C	NORFOLK/KARLSTEFAN, NE.	USA	65502	C	OUAHIGOUYA	BURKINA FASO
71043	CT	NORMAN WELLS UA, N.W.T.	CANADA	60580	C	OUARGLA	ALGERIA
72340	C	NORTH LITTLE ROCK/MUNICIPAL	USA	60265	C	OUARZAZATE	MOROCCO
72562	CT	NORTH PLATTE/LEEBIRD, NE.	USA	07100	C	OUESSANT	FRANCE

# STATION LIST RECENT DATA

64458	C	OUESSO	CONGO	72278	C	PHOENIX/SKYHARBOR INTL., AZ.	USA
60115	C	OUIDA	MOROCCO	78970	CT	PIARCO INT. AIRPORT, TRINIDAD	TRINIDAD AND TOBAGO
02875	C	OULU	FINLAND	76243	C	PIEDRAS NEGRAS	MEXICO
60421	C	OUM EL BOUAGHI	ALGERIA	68174	C	PIETERSBURG	SOUTH AFRICA
08015	C	OVIEDO	SPAIN	87679	C	PIGUE AERO	ARGENTINA
47663	C	OWASE	JAPAN	87349	C	PILAR OBSERVATORIO	ARGENTINA
91765	CT	PAGO PAGO/INT. AIRPORT	SAMOA	33019	C	PINSK	BELARUS
96109	C	PAKANBARU/SIMPANGTIGA	INDONESIA	84691	C	PISCO	PERU
96221	C	PALEMBANG/TALANGBETUTU	INDONESIA	72520	C	PITTSBURGH/GREATERPITT., PA.	USA
08301	CT	PALMA DE MALLORCA	SPAIN	84401	C	PIURA	PERU
08306	C	PALMA DE MALLORCA/SONSAN JU	SPAIN	61990	C	PLAISANCE (MAURITIUS)	MAURITIUS
80479	C	PALMICHAL	VENEZUELA	07117	C	PLOUMANACH	FRANCE
40061	C	PALMYRA	SYRIAN ARAB REP	65518	C	PO	BURKINA FASO
43363	C	PAMBAN	INDIA	72578	C	POCATELLO/NUM., ID.	USA
08085	C	PAMPLONA/NOAIN	SPAIN	13463	C	PODGORICA-GRAD	YUGOSLAVIA
96237	C	PANGKALPINANG/PANGKALPINANG	INDONESIA	32076	C	POGRANICHNOE	RUSSIAN FEDERATION
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, CAROLINE ISLANDS.	USA
93417	CT	PARAPARAUMU AERODROME	N ZEALAND	71095	C	POND INLET, N.W.T.	CANADA
82287	C	PARNAIBA	BRAZIL	08053	C	PONFERRADA	SPAIN
41759	C	PASNI	PAKISTAN	08513	C	PONTA DELGADA/(OBS.)	PORTUGAL
87814	C	PASO DE INDIOS	ARGENTINA	83702	C	PONTA PORA	BRAZIL
87289	C	PASO DE LOS LIBRES AERO	ARGENTINA	08044	C	PONTEVEDRA	SPAIN
86460	C	PASO DE LOS TOROS	URUGUAY	43063	C	POONA	INDIA
80342	C	PASTO/ANTONIONARINO	COLOMBIA	11952	T	POPRAD-GANOVCE	SLOVAKIA
42492	T	PATNA	INDIA	11934	C	POPRAD/TATRY	SLOVAKIA
82791	C	PATOS	BRAZIL	80421	C	PORLAMAR (AEROPUERTO INT. DE	VENEZUELA
06610	T	PAYERNE	SWITZERLAND	32098	C	PORONAJSK	RUSSIAN FEDERATION
12942	C	PECS/POGANY	HUNGARY	43333	CT	PORT BLAIR	INDIA
87544	C	PEHUAJO AERO	ARGENTINA	68842	CT	PORT ELIZABETH	SOUTH AFRICA
48601	CT	PENANG/BAYANLEPAS	MALAYSIA	71109	CT	PORT HARDY UA, B.C.	CANADA
72688	C	PENDLETON, OR.	USA	94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA
72532	C	PEORIA/GREATER PEORIA, IL.	USA	62641	C	PORT SUDAN	SUDAN
80210	C	PEREIRA/MATECANA	COLOMBIA	78437	C	PORT-AU-PRINCE (DAMIEN)	HAITI
87852	C	PERITO MORENO AERO	ARGENTINA	71197	C	PORT-AUX-BASQUES, NFLD.	CANADA
07747	C	PERPIGNAN	FRANCE	61998	CT	PORT-AUX-FRANCAIS (ILES KERG	OCEAN ISLANDS
94610	CT	PERTH AIRPORT	AUSTRALIA	64501	C	PORT-GENTIL	GABON
41530	C	PESHAWAR	PAKISTAN	72698	C	PORTLAND/INT., OR.	USA
82983	CT	PETROLINA	BRAZIL	72606	C	PORTLAND/INTNL JET PORT, ME	USA
32540	T	PETROPAVLOVSK-KAMCATSKIJ	RUSSIAN FEDERATION	83967	C	PORTO ALEGRE	BRAZIL
72408	C	PHILADELPHIA/INT., PA.	USA	83971	T	PORTO ALEGRE (AERO- PORTO)	BRAZIL
48378	C	PHITSANULOK	THAILAND	83064	C	PORTO NACIONAL	BRAZIL

# STATION LIST RECENT DATA

82825	C	PORTO VELHO	BRAZIL	72662	C	RAPID CITY/REGIONALAIRPORT,	USA
82824	T	PORTO VELHO (AEROPORTO)	BRAZIL	91843	C	RAROTONGA	COOK ISLANDS
08546	C	PORTO/SERRADO PILAR	PORTUGAL	22602	C	REBOLY	RUSSIAN FEDERATION
87178	C	POSADAS AERO.	ARGENTINA	82900	CT	RECIFE (CURADO)	BRAZIL
83332	C	POSSE	BRAZIL	87270	C	RECONQUISTAAERO	ARGENTINA
10379	C	POTSDAM	GERMANY	07070	C	REIMS	FRANCE
12330	C	POZNAN	POLAND	62801	C	RENK	SUDAN
48500	C	PRACHUAP KHIRIKHAN	THAILAND	07130	C	RENNES	FRANCE
11520	CT	PRAHA-LIBUS	CZECH REP	72488	C	RENO/INT.,NV.	USA
11518	C	PRAHA/RUZYNE	CZECH REP	10165	C	RESERVED	GERMANY
16245	T	PRATICA DI MARE	ITALY	10090	C	RESERVED	GERMANY
68262	C	PRETORIA	SOUTH AFRICA	76658	C	RESERVED	MEXICO
11659	C	PRIBYSLAV	CZECH REP	10083	C	RESERVED	GERMANY
11423	C	PRIMDA	CZECH REP	10097	C	RESERVED	GERMANY
71869	C	PRINCE ALBERT,SASK.	CANADA	08420	C	RESERVED	SPAIN
04390	C	PRINS CHRISTIAN SUND	GREENLAND	17123	C	RESERVED	TURKEY
72507	C	PROVIDENCE/GREENSTATE, RI.	USA	60401	C	RESERVED	ALGERIA
80002	C	PROVIDENCIA (ISLA)/EL EMBRUJ	COLOMBIA	44317	C	RESERVED	MONGOLIA
84515	C	PUCALLPA	PERU	71721	C	RESERVED	CANADA
85574	C	PUDAHUEL	CHILE	10101	C	RESERVED	GERMANY
76855	C	PUERTO ANGEL, OAX	MEXICO	71713	C	RESERVED	CANADA
80457	C	PUERTO AYACUCHO	VENEZUELA	60563	C	RESERVED	ALGERIA
80139	C	PUERTO CARRENO/A.GUAUQUEA	COLOMBIA	60415	C	RESERVED	ALGERIA
87896	C	PUERTO DESEADO AERO	ARGENTINA	71160	C	RESERVED	CANADA
78767	C	PUERTO LIMON	COSTA RICA	10166	C	RESERVED	GERMANY
85799	CT	PUERTO MONTT	CHILE	10109	C	RESERVED	GERMANY
78458	C	PUERTO PLATA	DOMINICAN REP	10120	C	RESERVED	GERMANY
85289	C	PUERTO SUAREZ	BOLIVIA	08219	C	RESERVED	SPAIN
85934	CT	PUNTA ARENAS	CHILE	32099	C	RESERVED	RUSSIAN FEDERATION
87596	C	PUNTA INDIO B.A.	ARGENTINA	87155	C	RESISTENCIA AERO.	ARGENTINA
47159	C	PUSAN	REP KOREA	71924	CT	RESOLUTEUA, N.W.T.	CANADA
56137	C	QAMDO	CHINA	08175	C	REUS/AEROPUERTO	SPAIN
54857	C	QINGDAO	CHINA	85140	C	REYES	BOLIVIA
50745	C	QIQIHAR	CHINA	04030	C	REYKJAVIK	ICELAND
71103	C	QUESNEL,B.C.	CANADA	85043	C	RIBERALTA	BOLIVIA
41660	C	QUETTA AIRPORT	PAKISTAN	94340	C	RICHMOND	AUSTRALIA
80144	C	QUIBDO/ELCARANO	COLOMBIA	95753	C	RICHMONDAMO AWS	AUSTRALIA
72797	C	QUILLAYUTE,WA.	USA	72401	C	RICHMOND/BYRD,VA.	USA
82586	C	QUIXERAMOBIM	BRAZIL	91948	C	RIKITEA	FRENCH POLY.
60135	C	RABAT-SALE	MOROCCO	44203	C	RINCHINHUMBE	MONGOLIA
40362	C	RAFHA	SAUDI ARABIA	82915	C	RIO BRANCO	BRAZIL
72306	C	RALEIGH/RALEIGH-DURHAMNC.	USA	87736	C	RIO COLORADO	ARGENTINA
93994	C	RAOUL ISLAND KERMADECIS.	N ZEALAND	87453	C	RIO CUARTO AERO	ARGENTINA
91958	CT	RAPA	FRENCH POLY.	87925	C	RIO GALLEGOS AERO	ARGENTINA

# STATION LIST RECENT DATA

80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	80447	C	SAN ANTONIO DEL TACHIRA	VENEZUELA
40438	C	RIYADH	SAUDI ARABIA	87784	C	SAN ANTONIO OESTE AERO	ARGENTINA
72411	C	ROANOKE/MUN.,VA.	USA	72253	C	SAN ANTONIO/INT.,TX.	USA
85268	C	ROBORE	BOLIVIA	72290	C	SAN DIEGO/LINDBERGH,CA.	USA
86565	C	ROCHA	URUGUAY	80450	C	SAN FERNANDO DE APURE	VENEZUELA
72644	C	ROCHESTER/MUN.,MN.	USA	72494	C	SAN FRANCISCO/INTL,CA.	USA
72529	C	ROCHESTER/R-MONROECTY.,NY.	USA	85207	C	SAN IGNACIO DE VELASCO	BOLIVIA
94374	CT	ROCKHAMPTON AERO	AUSTRALIA	85104	C	SAN JOAQUIN	BOLIVIA
61988	C	RODRIGUES	MAURITIUS	85247	C	SAN JOSE DE CHIQUITOS	BOLIVIA
06190	C	ROENNE	DENMARK & FAROE IS.	87311	C	SAN JUAN AERO	ARGENTINA
87480	C	ROSARIO AERO	ARGENTINA	80431	C	SAN JUAN DE LOS MORROS	VENEZUELA
03957	C	ROSSLARE	IRELAND	78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO AND US
10170	C	ROSTOCK-WARNEMUENDE	GERMANY	87909	C	SAN JULIAN AERO	ARGENTINA
34731	CT	ROSTOV-NA-DONU	RUSSIAN FEDERATION	87436	C	SAN LUIS AERO	ARGENTINA
08449	C	ROTA	SPAIN	76539	C	SAN LUIS POTOSI	MEXICO
93247	C	ROTORUA AERODROME	N ZEALAND	87509	C	SAN RAFAEL AERO	ARGENTINA
91650	C	ROTUMA	FIJI	08029	C	SAN SEBASTIAN/FUENTERRABIA	SPAIN
07037	C	ROUEN	FRANCE	08027	C	SAN SEBASTIAN/IGUELDO	SPAIN
51777	C	RUOQIANG	CHINA	96491	C	SANDAKAN	MALAYSIA
85141	C	RURRENABAQUE	BOLIVIA	71101	C	SANDSPIT,B.C.	CANADA
71600	CT	SABLE ISLAND,N.S.	CANADA	17270	C	SANLIURFA	TURKEY
71051	C	SACHS HARBOUR	CANADA	85123	C	SANTA ANA	BOLIVIA
72483	C	SACRAMENTO/EXECUTIVECA.	USA	60020	C	SANTA CRUZ DE TENE- RIFE, CM	SPAIN
06680	C	SAENTIS	SWITZERLAND	85245	C	SANTA CRUZ/EL TROMPILLO	BOLIVIA
42671	C	SAGAR	INDIA	80462	C	SANTA ELENA DE UAIREN	VENEZUELA
60536	C	SAIDA	ALGERIA	08515	C	SANTA MARIA (ACORES)	PORTUGAL
47740	C	SAIGO	JAPAN	80009	C	SANTA MARTA/SIMON BOLIVAR	COLOMBIA
44336	C	SAIKHAN-OVOO	MONGOLIA	87623	CT	SANTA ROSA AERO	ARGENTINA
61600	C	SAINT-LOUIS	SENEGAL	08023	CT	SANTANDER	SPAIN
08594	T	SAL ISLAND	CAPE VERDE	08021	C	SANTANDER/PARAYAS	SPAIN
41316	CT	SALALAH	OMAN	87129	C	SANTIAGO DEL ESTERO AERO.	ARGENTINA
08202	C	SALAMANCA/MATACAN	SPAIN	85577	C	SANTIAGO QUINTA NORMAL	CHILE
23330	C	SALEHARD	RUSSIAN FEDERATION	08042	C	SANTIAGO/LABACOLLA	SPAIN
72572	C	SALT LAKE CITY/INTL, UT.	USA	78486	C	SANTO DOMINGO	DOMINICAN REP
87047	C	SALTA AERO	ARGENTINA	82106	C	SAO GABRIEL DA CACHOEIRA	BRAZIL
76390	C	SALTILLO, COAH	MEXICO	82280	C	SAO LUIZ	BRAZIL
86360	C	SALTO	URUGUAY	83781	C	SAO PAULO	BRAZIL
83229	CT	SALVADOR	BRAZIL	47412	CT	SAPPORO	JAPAN
11150	C	SALZBURG-FLUGHAFEN	AUSTRIA	34172	C	SARATOV	RUSSIAN FEDERATION
35925	C	SAM	KAZAKHSTAN	41594	CT	SARGODHA	PAKISTAN
17030	CT	SAMSUN	TURKEY	72734	C	SAULT STE. MARIE, MI.	USA
61277	C	SAN	MALI	97900	C	SAUMLAKI	INDONESIA
80001	CT	SAN ANDRES (ISLA)/SESQUICENT	COLOMBIA	72207	C	SAVANNAH/MUNICIPAL,GA.	USA
72263	C	SAN ANGELO/MATHIS,TX.	USA	65335	C	SAVE	BENIN

# STATION LIST RECENT DATA

71828	C	SCHEFFERVILLE,QUE.	CANADA	71842	C	SIoux LOOKOUT,ONT.	CANADA
10035	CT	SCHLESWIG	GERMANY	17090	C	SIVAS	TURKEY
10162	C	SCHWERIN	GERMANY	62417	C	SIWA	EGYPT
72793	C	SEATTLE/S.-TACOMA,WA.	USA	60355	C	SKIKDA	ALGERIA
41256	CT	SEEB, INTERNATIONALAIRPORT	OMAN	71069	C	SLAVE LAKE, ALTA	CANADA
61272	C	SEGOU	MALI	11903	C	SLIAC	SLOVAKIA
08213	C	SEGOVIA	SPAIN	71950	C	SMITHERS,B.C.	CANADA
25703	CT	SEJMCHAN	RUSSIAN FEDERATION	02836	CT	SODANKYLA	FINLAND
96839	C	SEMARANG/AHMADYANI	INDONESIA	15614	CT	SOFA (OBSERV.)	BULGARIA
36177	C	SEMIPALATINSK	KAZAKHSTAN	41246	C	SOHAR MAJIS	OMAN
40757	C	SEM NAN	IRAN, ISLAMIC REP	65361	C	SOKODE	TOGO
62762	C	SENNAR	SUDAN	10235	C	SOLTAU	GERMANY
47108	C	SEOUL	REP KOREA	76471	C	SOMBRE RETE,ZAC	MEXICO
71811	T	SEPT-ILES UA,QUE.	CANADA	63962	C	SONGEA	U REP TANZANIA
60445	C	SETIF	ALGERIA	48568	CT	SONGKHLA	THAILAND
08391	C	SEVILLA/SANPABLO	SPAIN	11146	C	SONNBlick	AUSTRIA
63980	C	SEYCHELLESINT. AIRPORT	SEYCHELLES	08148	C	SORIA	SPAIN
58362	CT	SHANGHAI	CHINA	76499	C	SOTO LA MARINA, TAMPS.	MEXICO
03962	C	SHANNON AIRPORT	IRELAND	16746	C	SOUDA (AIRPORT)	GREECE
59316	C	SHANTOU	CHINA	60423	C	SOUK AHRAS	ALGERIA
41136	C	SHARURAH	SAUDI ARABIA	72535	C	SOUTH BEND/ST.JOSEPHCO.,IN.	USA
03414	C	SHAWBURY	U KINGDOM	72785	C	SPOKANE/INT.,WA.	USA
70414	T	SHEMYA AFB	USA	68512	C	SPRINGBOK	SOUTH AFRICA
54342	C	SHENYANG	CHINA	72439	C	SPRINGFIELD/CAPITAL,IL.	USA
33317	C	SHEPETIVKA	UKRAINE	42027	CT	SRINAGAR	INDIA
72666	C	SHERIDAN/COUNTY,WY.	USA	61986	C	ST. BRANDON(ST. RAPHAEL)	MAURITIUS
47898	C	SHIMIZU	JAPAN	61901	CT	ST. HELENA IS.	OCEAN ISLANDS
47778	CT	SHIONOMISAKI	JAPAN	72434	C	ST. LOUIS/LAMBERT,ST., MO.	USA
40848	CT	SHIRAZ	IRAN, ISLAMIC REP	70308	C	ST. PAUL	USA
72248	C	SHREVEPORT/REG.,LA.	USA	26063	CT	ST. PETERBURG	RUSSIAN FEDERATION
41600	C	SIALKOT	PAKISTAN	11028	C	ST. POELTEN	AUSTRIA
26524	C	SIAULIAI	LITHUANIA	71801	T	ST.JOHN'S UA,NLFD	CANADA
64405	C	SIBITI	CONGO	83997	C	ST.VITORIADO PALMAR	BRAZIL
15260	C	SIBIU	ROMANIA	04312	C	STATION NORD AWS	GREENLAND
96073	C	SIBOLGA/PINANGSORI	INDONESIA	01415	CT	STAVANGER/SOLA	NORWAY
96421	C	SIBU	MALAYSIA	71815	T	STEPHENVILLEUA,NFLD	CANADA
60520	C	SIDI BEL ABBES	ALGERIA	72403	T	STERLING, VA.	USA
17210	C	SIIRT	TURKEY	80475	C	STO.DOMINGO(B.A.)	VENEZUELA
61297	C	SIKASSO	MALI	02485	C	STOCKHOLM	SWEDEN
42619	C	SILCHAR	INDIA	03026	C	STORNOWAY	U KINGDOM
33946	C	SIMFEROPOL'	UKRAINE	07190	C	STRASBOURG	FRANCE
48698	CT	SINGAPORE/CHANGIAIRPORT	SINGAPORE	10738	C	STUTT GART-ECHTERDINGEN	GERMANY
72557	C	SIoux CITY/MUN.,IA.	USA	10739	T	STUTT GART/SCHNARRENBERG	GERMANY
72651	C	SIoux FALLS/FOSS FIELD, SD.	USA	85283	C	SUCRE	BOLIVIA

# STATION LIST RECENT DATA

15360	C	SULINA	ROMANIA	44230	C	TARIALAN	MONGOLIA
02365	T	SUNDSVALL-HARNOSANDFPL	SWEDEN	23552	C	TARKO-SALE	RUSSIAN FEDERATION
24738	C	SUNTAR	RUSSIAN FEDERATION	26242	C	TARTU	ESTONIA
41268	C	SUR	OMAN	38457	C	TASHKENT	UZBEKISTAN
98653	C	SURIGAO	PHILIPPINES	04360	CT	TASIILAQ (AMASSALIK)	GREENLAND
47421	C	SUTTSU	JAPAN	47646	T	TATENO	JAPAN
01008	C	SVALBARDLUFTHAVN	NORWAY	96481	CT	TAWAU	MALAYSIA
94767	C	SYDNEY AIRPORT	AUSTRALIA	60475	C	TEBESSA	ALGERIA
23804	CT	SYKTYVKAR	RUSSIAN FEDERATION	78720	C	TEGUCIGALPA	HONDURAS
89532	CT	SYOWA	JAPAN N	40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
72519	C	SYRACUSE/HANCOCK,NY.	USA	85743	C	TEMUCO	CHILE
12205	C	SZCZECIN	POLAND	60025	C	TENERIFESUR	SPAIN
12982	CT	SZEGED	HUNGARY	60015	C	TENERIFE/LOSRODEOS	SPAIN
63832	C	TABORA AIRPORT	U REP TANZANIA	60410	C	TENES	ALGERIA
40706	C	TABRIZ	IRAN, ISLAMIC REP	56739	C	TENGCHONG	CHINA
40375	CT	TABUK	SAUDI ARABIA	94238	C	TENNANTCREEK MET OFFICE	AUSTRALIA
98550	C	TACLOBAN	PHILIPPINES	83492	C	TEOFILO OTONI	BRAZIL
84782	C	TACNA	PERU	76556	C	TEPIC,NA Y	MEXICO
47133	C	TAEJON	REP KOREA	82578	C	TERESINA	BRAZIL
98644	C	TAGBILARAN	PHILIPPINES	16232	C	TERMOLI	ITALY
83235	C	TAGUATINGA	BRAZIL	08235	C	TERUEL	SPAIN
91938	CT	TAHITI-FAAA	FRENCH POLY.	61202	C	TESSALIT	MALI
61043	C	TAHOUA	NIGER	60318	C	TETUAN/SANIARAMEL	MOROCCO
41036	C	TAIF	SAUDI ARABIA	94570	C	TEWANTINRSL PARK	AUSTRALIA
53772	C	TAIYUAN	CHINA	94492	C	THARGOMINDAH	AUSTRALIA
47891	C	TAKAMATSU	JAPAN	71867	CT	THE PAS, MAN.	CANADA
91943	C	TAKAROA	FRENCH POLY.	16622	C	THESSALONIKI/MIKRA	GREECE
65467	C	TAKORADI	GHANA	43371	CT	THIRUVANANTHAPURAM	INDIA
72214	C	TALLAHASSEE/MUN.,FL.	USA	71079	C	THOMPSON WEATHER OFFICE-MAN.	CANADA
26038	C	TALLINN	ESTONIA	06011	CT	THORSHAVN	DENMARK & FAROE IS.
65418	C	TAMALE	GHANA	41314	C	THUMRAIT	OMAN
60680	CT	TAMANRASSET	ALGERIA	60511	C	TIARET	ALGERIA
67095	C	TAMATAVE	MADAGASCAR	94485	C	TIBOOBURRAPOST OFFICE	AUSTRALIA
61687	C	TAMBACOUNDA	SENEGAL	61036	C	TILLABERY	NIGER
38413	C	TAMDY	UZBEKISTAN	81002	C	TIMEHRI CHEDDI JAGAN INTERNA	GUYANA
72211	C	TAMPA/INT.,FL.	USA	60607	C	TIMIMOUN	ALGERIA
76548	C	TAMPICO, TAMP	MEXICO	15247	C	TIMISOARA	ROMANIA
87645	C	TANDIL AERO	ARGENTINA	02366	C	TIMRA/MIDLANDA	SWEDEN
47837	C	TANEGASHIMA	JAPAN	94131	C	TINDAL AWS	AUSTRALIA
60101	C	TANGER(AERODROME)	MOROCCO	60656	C	TINDOUF	ALGERIA
96249	C	TANJUNGPANDAN/BULUHTUMBANG	INDONESIA	03100	C	TIREE	U KINGDOM
76903	C	TAPACHULA,CHIS.	MEXICO	60395	C	TIZI-OUZOU	ALGERIA
84455	C	TARAPOTO	PERU	76683	C	TLAXCALA,TLAX	MEXICO
94784	C	TAREE RADIO STN 2RE	AUSTRALIA	60531	C	TLEMCEN(ZENATA)	ALGERIA

# STATION LIST RECENT DATA

28275	C	TOBOL'SK	RUSSIAN FEDERATION	32071	C	TYMOVSKOE	RUSSIAN FEDERATION
92100	C	TOKUA W.O.	PAPUA N GUINEA	48407	T	UBON RATCHATHANI	THAILAND
47662	C	TOKYO	JAPAN	06447	CT	UCCLE	BELGIUM
08272	C	TOLEDO	SPAIN	16044	T	UDINE/CAMPOFORMIDO	ITALY
72536	C	TOLEDO/EXPRESS,OH.	USA	16045	C	UDINE/RIVOLTO	ITALY
76675	C	TOLUCA,MEX	MEXICO	48354	C	UDON THANI	THAILAND
61223	C	TOMBOUCTOU	MALI	44214	C	UIGI	MONGOLIA
76382	C	TORREON,COAH.	MEXICO	44292	C	ULAAN-BAATOR	MONGOLIA
08238	C	TORTOSA	SPAIN	44212	C	ULAAN-GOM	MONGOLIA
44225	C	TOSONTSENGEL	MONGOLIA	44272	C	ULIASTAI	MONGOLIA
47746	C	TOTTORI	JAPAN	47115	C	ULLUNGDO	REP KOREA
60555	C	TOUGGOURT	ALGERIA	44304	C	UNDERKHAAN	MONGOLIA
07630	C	TOULOUSE/BLAGNAC	FRANCE	76225	C	UNIV. DE CHIHUAHUA,CHIHUAHU	MEXICO
94294	CT	TOWNSVILLEAERO	AUSTRALIA	94476	C	UNKNOWN	AUSTRALIA
16429	CT	TRAPANI/BIRGI	ITALY	95322	C	UNKNOWN	AUSTRALIA
86500	C	TREINTA Y TRES	URUGUAY	94517	C	UNKNOWN	AUSTRALIA
87828	C	TRELEW AERO	ARGENTINA	95964	C	UNKNOWN	AUSTRALIA
87688	C	TRES ARROYOS	ARGENTINA	34730	C	UNKNOWN	RUSSIAN FEDERATION
83618	C	TRES LAGOAS	BRAZIL	68424	C	UPINGTON	SOUTH AFRICA
10609	C	TRIER-PETRISBERG	GERMANY	47426	C	URAKAWA	JAPAN
43418	C	TRINCOMALEE	SRI LANKA	51463	CT	URUMQI	CHINA
83650	T	TRINDADE(ILHA)	BRAZIL	17188	C	USAK	TURKEY
85154	C	TRINIDAD	BOLIVIA	87938	C	USHUAIA AERO	ARGENTINA
40103	C	TRIPOLI	LEBANON	30635	C	UST'-BARGUZIN	RUSSIAN FEDERATION
01025	C	TROMSO/LANGNES	NORWAY	25325	C	UST'-OLOJ	RUSSIAN FEDERATION
84501	C	TRUJILLO	PERU	85766	C	VALDIVIA	CHILE
91334	C	TRUK, CAROLINE IS.	USA	08285	C	VALENCIA	SPAIN
44282	C	TSETSERLEG	MONGOLIA	80472	C	VALENCIA	VENEZUELA
44347	C	TSOGT-OVOO	MONGOLIA	08284	C	VALENCIA/AEROPUERTO	SPAIN
91954	C	TUBUAI	FRENCH POLY.	03953	CT	VALENTIA OBSERVATORY	IRELAND
72274	C	TUCSON/INT.,AZ.	USA	80426	C	VALERA	VENEZUELA
87121	C	TUCUMANA AERO	ARGENTINA	08141	C	VALLADOLID	SPAIN
98233	C	TUGUEGARAO	PHILIPPINES	08140	C	VALLADOLID/VILLANBULA	SPAIN
76634	C	TULANCINGO,HGO.	MEXICO	80434	C	VALLE DE LA PASCUA	VENEZUELA
67161	C	TULEAR	MADAGASCAR	03302	C	VALLEY	U KINGDOM
84370	C	TUMBES	PERU	17170	C	VAN	TURKEY
80453	C	TUMEREMO	VENEZUELA	01098	C	VARDO	NORWAY
60715	CT	TUNIS-CARTHAGE	TUNISIA	15552	C	VARNA	BULGARIA
24507	CT	TURA	RUSSIAN FEDERATION	33038	C	VASILEVICI	BELARUS
40356	C	TURAI F	SAUDI ARABIA	26477	C	VELIKIELUKI	RUSSIAN FEDERATION
38507	C	TURKMENBASHI	TURKMENISTAN	26314	C	VENTSPILS	LATVIA
02972	C	TURKU	FINLAND	83264	C	VERA (GLEBA CELESTE)	BRAZIL
23472	CT	TURUHANSK	RUSSIAN FEDERATION	42909	C	VERAVAL	INDIA
76843	C	TUXTLA GUTIERREZ	MEXICO	24266	CT	VERHOJANSK	RUSSIAN FEDERATION



# STATION LIST RECENT DATA

89063	C	VERNADSKY	UKRAINE	72513	C	WILKES-BARRE-SCRANTONPA.	USA
16090	C	VERONA/VILLAFRANCA	ITALY	94776	CT	WILLIAMTOWNAERODROME	AUSTRALIA
15280	C	VF. OMU	ROMANIA	94299	CT	WILLIS ISLAND	AUSTRALIA
72255	C	VICTORIA/VICTORIAREG., TX.	USA	72767	C	WILLISTON/SLOULINFIELD, ND.	USA
15502	C	VIDIN	BULGARIA	72583	C	WINNEMUCCA/MUN.,NV.	USA
87791	C	VIEDMA AERO	ARGENTINA	12497	C	WLODAWA	POLAND
08045	C	VIGO/PEINADOR	SPAIN	12425	T	WROCLAWI	POLAND
83208	T	VILHENA (AEROPORTO)	BRAZIL	12424	C	WROCLAWII	POLAND
24641	C	VILJUJSK	RUSSIAN FEDERATION	57036	C	XI'AN	CHINA
60096	C	VILLA CISNEROS	WESTERNSAHARA	56571	C	XICHANG	CHINA
87244	C	VILLA DE MARIA DEL RIO SECO	ARGENTINA	85365	C	YACUIBA	BOLIVIA
87328	C	VILLA DOLORES AERO	ARGENTINA	72781	C	YAKIMA/YAKIMAAIR TERM.,WA.	USA
87448	C	VILLA REYNOLDS AERO	ARGENTINA	70361	CT	YAKUTAT	USA
11212	C	VILLACHERALPE	AUSTRIA	94589	C	YAMBA	AUSTRALIA
80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA	54292	C	YANJI	CHINA
26730	C	VILNIUS	LITHUANIA	91413	C	YAP, CAROLINEIS.	USA
02590	C	VISBY FLYGPLATS	SWEDEN	71603	CT	YARMOUTH,N.S.	CANADA
43149	C	VISHAKHAPATNAM	INDIA	40821	C	YAZD	IRAN, ISLAMIC REP
30054	C	VITIM	RUSSIAN FEDERATION	40439	C	YENBO	SAUDI ARABIA
08080	C	VITORIA	SPAIN	57461	C	YICHANG	CHINA
83648	C	VITORIA	BRAZIL	53614	C	YINCHUAN	CHINA
83344	C	VITORIA DA CONQUISTA	BRAZIL	51431	C	YINING	CHINA
31960	C	VLADIVOSTOK	RUSSIAN FEDERATION	47744	T	YONAGO	JAPAN
27037	CT	VOLOGDA	RUSSIAN FEDERATION	47168	C	YOSU	REP KOREA
89606	C	VOSTOK	USSR N	72525	C	YOUNGSTOWN,OH.	USA
22837	C	VYTEGRA	RUSSIAN FEDERATION	84425	C	YURIMAGUAS	PERU
72256	C	WACO,MADISON-COOPER,TX.	USA	56029	C	YUSHU	CHINA
62751	C	WAD MEDANI	SUDAN	40856	C	ZAHEDAN	IRAN, ISLAMIC REP
03377	C	WADDINGTON	U KINGDOM	98836	C	ZAMBOANGA	PHILIPPINES
41061	C	WADI AL DAWASSER AIRPORT	SAUDI ARABIA	08130	C	ZAMORA	SPAIN
62600	C	WADI HALFA	SUDAN	76662	C	ZAMORA, MICH	MEXICO
94910	CT	WAGGA AIRPORT	AUSTRALIA	44358	C	ZAMYN-UUD	MONGOLIA
47600	CT	WAJIMA	JAPAN	81225	C	ZANDERIJ	SURINAME
47401	CT	WAKKANAI	JAPAN	40729	C	ZANJAN	IRAN, ISLAMIC REP
12375	C	WARSZAWA-OKECIE	POLAND	08160	C	ZARAGOZA/AEROPUERTO	SPAIN
72405	C	WASHINGTON/NAT.,VA.	USA	57083	C	ZHENGZHOU	CHINA
03590	C	WATTISHAM	U KINGDOM	57745	C	ZHIJIANG	CHINA
10688	C	WEIDEN	GERMANY	41620	C	ZHOB	PAKISTAN
40400	C	WEJH	SAUDI ARABIA	61695	C	ZIGUINCHOR	SENEGAL
72203	C	WEST PALM BEACH/INT.,FL.	USA	17022	C	ZONGULDAK	TURKEY
10055	CT	WESTERMARKELSDORF	GERMANY	10961	C	ZUGSPITZE	GERMANY
71964	CT	WHITEHORSE,UA, Y.T.	CANADA	06660	C	ZURICH(TOWN/VILLE).	SWITZERLAND
72351	C	WICHITA FALLS/SHEPS AFB TX	USA	25400	C	ZYRJANKA	RUSSIAN FEDERATION
11035	CT	WIEN/HOHEWARTE	AUSTRIA				

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