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MONTHLY
CLIMATIC
DATA
FOR THE WORLD

PREPARED IN COOPERATION WITH THE
WORLD METEOROLOGICAL ORGANIZATION

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

A handwritten signature in cursive script that reads "Thomas R. Karl".

Director
National Climatic Data Center

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National
Oceanic and
Atmospheric Administration

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Environmental Satellite, Data
and Information Service

National
Climatic Data Center
Asheville, North Carolina

PREFACE

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

REFERENCE NOTES

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

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

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

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

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

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

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

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

SURFACE DATA TABLES

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

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

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

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

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

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

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

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

UPPER AIR DATA TABLES

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

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

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

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

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SURFACE

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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	
EUROPE																
NORWAY																
01001 JAN MAYEN	7056N	00840W	9		1012.1	1013.2	2.0	5.3	6.1	2.0	8	25	-41	0		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1013.1	1016.6	-5.6	4.7	3.5	1.0	8	46	33	6		
01025 TROMSO/LANGNES	6941N	01855E	10		1016.3	1017.4	-3.0	-2.4	4.0	-0.9	8	50	-55	1		
01028 BJORNOYA	7431N	01901E	16		1016.3	1018.3	-2.4	1.3	4.5	.3	1	6	-27	0		
01098 VARDØ	7022N	03106E	15		1015.1	1017.0	-1.7	-0.4	4.4	-0.5	14	47	-12	3		
01152 BODØ VI	6715N	01422E	20		1014.1	1015.8	-1.0	-2.2	4.0	-1.2	6	39	-61	1	50	
01241 ORLAND III	6342N	00936E	7		1010.4	1011.5	.4	-2.2	4.7	-1.5	5	26	-73	0		
01317 BERGEN/FLORIDA	6023N	00520E	36		1004.9	1009.1	2.9	-1.8	6.0	-1.0	12	108	-151	1		
01384 OSLO/GARDERMOEN	6012N	01105E	204		989.1	1014.5	-3.1	-1.6	4.5	-0.6	10	76	-13	2		
01415 STAVANGER/SOLA	5853N	00538E	9		1008.2	1009.2	3.2	-1.4	6.0	-1.3	9	74	-62	1		
SWEDEN																
02080 KARESUANDO	6826N	02230E	325		977.4	1019.6	-12.7	-3.6	2.6	-0.6	3	13	-21	0	24	
02128 GUNNARN	6458N	01742E	281		983.2	1019.0	-8.3	-2.7	3.1	-0.7	6	21	-27	1		
02196 HAPARANDA	6550N	02409E	6		1018.0	1018.7	-8.8	-4.6	3.2	-1.2	4	17	-42	1	41	
02226 FROSON	6312N	01430E	360		969.6	1017.2	-5.4	-3.2	4.0	-0.7	8	23	-8	2	27	
02366 TIMRA/MIDLANDA	6231N	01727E	7		1015.6	1016.2	-3.4	-1.4	4.5	-0.5	10	33	-22	1		
02418 KARLSTAD FLYGPLATS	5922N	01328E	50		1000.2	1013.7	-0.7	-1.9	5.0	-1.2	13	87	16	4	43	77
02512 GÖTEBORG/SAVE	5747N	01153E	16		1010.0	1012.1	1.8	-1.9	6.6	-0.6	11	74	-10	3	46	79
02550 JONKÖPING/AXAMÖ	5745N	01405E	218		984.5	1012.5	-0.1	-1.6	5.8	-0.6	16	74	8	3		
02590 VISBY FLYGPLATS	5740N	01821E	41		1006.0	1012.4	2.9	-1.0	6.6	-0.7	14	42	-15	2	24	50
FINLAND																
02801 KILPISJARVI	6903N	02047E	476		961.1	1021.1	-11.1		2.5		1	5		0		
02805 KEVO	6945N	02702E	101		1006.9	1019.7	-12.9		2.4		1	7		0	34	
02836 SODANKYLÄ	6722N	02639E	179		997.6	1020.3	-12.3	-4.9	2.6		3	17	-22	1	26	
02869 KUUSAMO	6558N	02911E	263		986.2	1019.6	-10.9	-4.7	2.7		8	23	-24	1		
02875 OULU	6456N	02522E	15		1016.2	1018.0	-7.3	-4.2	3.4		4	8	-23	0	44	
02897 KAJAANI	6417N	02741E	136		1001.1	1018.1	-8.3	-4.5	3.1		6	27	-15	1		
02929 JOENSUU	6240N	02938E	117		1001.4	1016.4	-6.4	-3.7	3.7		11	50	-4	3		
02935 JYVÄSKYLÄ	6224N	02541E	145		998.6	1016.3	-6.3	-4.1	3.9		10	47	-12	2	20	
02942 NIINISALO	6151N	02228E	136		999.6	1015.4	-5.0	-3.7	4.2		9	52	-7	3		
02963 JOKIOINEN	6049N	02330E	103		1001.6	1014.6	-3.9	-3.5	4.5		7	44	-11	2	26	74
02972 TURKU	6031N	02216E	59		1006.9	1014.3	-2.8	-3.4	4.6		10	40	-31	1	37	90
02974 HELSINKI-VANTAA	6019N	02458E	56		1007.4	1014.5	-2.8	-2.9	4.5		9	43	-29	2	24	67
UNITED KINGDOM																
03005 LERWICK	6008N	00111W	84		993.6	1003.6	6.6	1.5	8.3		20	144	1	3	35	113
03026 STORNOWAY	5813N	00619W	13		996.1	997.9	8.5	2.7	9.2		18	85	-48	1	35	81
03066 KINLOSS	5739N	00334W	7		999.6	1000.2	7.2	1.8	8.3		9	85	23	5	59	120
03091 ABERDEEN/DYCE AIRPORT	5712N	00213W	65		993.4	1001.3	7.5	2.5	8.7		17	185	110	5	57	92
03100 TIRRE	5630N	00653W	12		996.4	997.5	9.1	2.0	9.7		23	137	14	4	41	85
03162 ESKDALEMUIR	5519N	00312W	242		972.5	1001.7	6.0	1.9	8.7		24	197	45	4	41	75
03257 LEEMING	5418N	00132W	40		998.9	1002.8	7.3	1.4	9.3		17	81	28	5	33	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.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
03302 VALLEY	5315N	00432W	11		999.4	1000.6	10.0	1.9	10.3		19	171	72	5	63	95
03334 MANCHESTER AIRPORT	5321N	00217W	68		994.0	1002.3	8.7	2.4	9.6		19	109	31	5	50	83
03377 WADDINGTON	5310N	00031W	68		995.5	1003.8	7.7	1.7	9.8		16	91	36	5	43	66
03502 ABERPORTH	5208N	00434W	133		985.5	1001.4	9.5	2.0	10.5		26	200	108	6	40	63
03740 LYNEHAM	5130N	00159W	145		986.5	1004.0	8.9	2.6	10.1		21	142	79	6	71	100
03797 MANSTON	5121N	00121E	55		1000.8	1006.1	9.6	2.3	10.9		18	119	54	5	75	104
03808 CAMBORNE	5013N	00519W	88		992.8	1003.2	10.7		11.3		24	242		6	54	70
03862 BOURNEMOUTH AIRPORT	5047N	00150W	11		1003.4	1004.6	10.1	3.1	11.0		24	235	151	6		
03917 BELFAST/ALDERGROVE AIRPORT	5439N	00613W	81		991.0	999.2	8.6	2.6	9.8		22	158	80	6		
IRELAND																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		995.0	998.6	10.2	1.1	10.6	.8	28	290	143	6	49	90
03955 CORK AIRPORT	5151N	00829W	162		980.1	999.6	8.5	1.2	10.2	.9	24	215	106	5	68	105
03957 ROSSLARE	5215N	00620W	25		997.1	1000.3	10.3	1.9	11.2	1.7	24	229	131	6	69	90
03962 SHANNON AIRPORT	5242N	00855W	20		996.0	998.4	9.5	1.9	10.6	1.4	24	132	37	4	53	90
03967 CASEMENT AERODROME	5318N	00626W	93		988.2	999.4	8.9		10.2		18	154			68	100
03969 DUBLIN AIRPORT	5326N	00615W	85		989.4	999.7	8.5	1.4	9.9	1.2	19	187	123	6	57	80
03973 CONNAUGHT AIRPORT	5345N	00849W	209		972.6	997.7	7.0		9.5		24	173			53	
03976 BELMULLET	5414N	01000W	10		995.0	996.2	9.1	1.1	10.4	1.3	24	167	40	5	47	90
03980 MALIN HEAD	5522N	00720W	25		994.4	997.4	8.9	1.1	9.8	1.1	17	89	-26	2	54	120
ICELAND																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		990.4	996.4	4.6		7.0		11	92			2	
04030 REYKJAVIK	6408N	02156W	61		989.3	996.7	4.7	3.6	6.4	.9	12	85	13	3	53	
04063 AKUREYRI	6541N	01805W	27		998.3	1001.7	3.6	4.0	6.4	1.3	8	69	15	4	11	
04082 AKURNES	6418N	01513W	21		997.6	1000.2	5.4		7.6		21	583			6	
GREENLAND																
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	41			1003.6	-2.7	3.2	3.5		5	17	-21			
04250 NUUK (GODTHAAB)	6410N	05145W	70			1000.7	-1.9	1.7	3.6		2	7	-67			
04312 STATION NORD AWS	8136N	01641W	36			1015.6	-21.9	4.0	.7							
04320 DANMARKSHAVN	7646N	01840W	12			1016.8	-17.5	2.4	.8			2	-10			
04339 ILLOQQORTOORMIUT (SCORESBYSU)	7029N	02157W	69			1013.8	-4.8		3.6		13	53	34			
04360 TASIILAQ (AMASSALIK)	6536N	03738W	52			1002.9	1.0	5.7	5.4		14	109	13			
04390 PRINS CHRISTIAN SUND	6003N	04310W	75			993.2	1.5	2.7	4.9		10	60	-173			
DENMARK & FAROE IS.																
06011 THORSHAVN	6201N	00646W	55			1001.0	7.0	2.2	8.5		22	173	30			
06030 AALBORG	5706N	00951E	13			1010.8	4.1	-3	7.1		11	73				
06186 KOEBENHAVN/LANDBOHOEJSKOLEN	5541N	01233E	7			1011.0	4.6		7.7		7	61				
06190 ROENNE	5504N	01445E	16			1011.2	5.3	-4	8.3		8	37				
NETHERLANDS																
06235 DE KOOY	5255N	00447E	14			1006.7	8.1	1.0	10.0	1.3	16	79	-12	2	69	128
06260 DE BILT	5206N	00511E	15		1007.1	1007.4	7.9	2.0	9.8	1.4	12	83	2	3	71	129
BELGIUM																
06447 UCCLE	5048N	00421E	104		995.8	1008.0	8.6	2.6	10.0	1.5	13	92	14	4	58	91

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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	
LUXEMBOURG																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	379		965.2	1010.4	6.9		9.1		18	114	31	5	33	60
SWITZERLAND																
06660 ZURICH (TOWN/VILLE).	4723N	00834E	569		945.0	1012.4	6.7	2.7	8.6	1.9	21	182	100	5	30	52
06680 SAENTIS	4715N	00921E	2500		744.1	2981.2	-3.2	.8	4.2	1.1	20	442	231	6	67	51
06700 GENEVE-COINTRIN	4615N	00608E	416		963.8	1013.4	7.8	2.8	9.2	2.4	19	295	207	6	45	75
06770 LUGANO	4600N	00858E	276		979.9	1012.8	10.3	3.5	9.2	2.0	17	536	410	6	75	69
FRANCE																
07005 ABBEVILLE	5008N	00150E	77		998.1	1007.5	8.8		10.3		12	158			63	85
07015 LILLE	5034N	00306E	52		1001.8	1007.6	8.7		10.1		15	104			54	80
07020 LA HAGUE	4943N	00156E	9		1003.6	1005.3	11.9		12.2		22	147				
07027 CAEN	4911N	00027W	78		999.0	1007.1	9.7	2.2	10.9		15	95	11	3	74	88
07037 ROUEN	4923N	00111E	157		989.7	1008.0	8.4		10.4		17	139			45	70
07070 REIMS	4918N	00402E	99		998.2	1009.1	8.5		10.2		13	70			50	75
07100 OUESSANT	4828N	00508W	35		997.3	1005.1	11.8		12.3		27	197				
07110 BREST	4827N	00425W	99		994.5	1005.9	10.8	1.9	11.8		25	258	138	5	63	79
07117 PLOUMANACH	4850N	00328W	71		999.0	1005.8	11.1		11.6		19	153				
07130 RENNES	4804N	00144W	37		1002.6	1007.8	10.4		11.4		18	130			80	100
07139 ALENCON	4827N	00007E	144		990.8	1008.2	8.9		10.8		17	125			54	75
07149 PARIS-ORLY	4844N	00224E	96		998.2	1008.9	9.0		10.6		15	98				
07180 NANCY/ESSEY	4841N	00613E	217		985.9	1010.5	8.2	3.3	9.7		18	124	60	5	41	71
07190 STRASBOURG	4833N	00738E	154		992.3	1010.8	8.0	3.1	10.0		17	100	54	5	29	51
07207 LE TALUT	4718N	00313W	43		1003.2	1008.3	12.7		12.5		20	114				
07222 NANTES	4710N	00136W	27		1005.6	1008.8	10.3	2.0	11.4		23	182	96	6	71	78
07255 BOURGES	4704N	00222E	166		990.6	1010.5	8.9	2.4	10.3		13	126	67	6	65	84
07265 AUXERRE	4748N	00333E	212		984.8	1010.2	8.6		10.1		16	119			41	60
07280 DIJON	4716N	00505E	227		984.0	1011.4	8.0	2.7	9.8		19	155	91	5	57	85
07299 BALE-MILHOUSE	4736N	00731E	271		978.8	1011.6	7.8		9.6		24	170			45	70
07314 CHASSIRON	4602N	00125W	22		1007.4	1010.2	12.4		12.4		21	144				
07335 POITIERS	4635N	00019E	129		995.9	1010.4	9.3		10.7		20	131			82	95
07434 LIMOGES	4552N	00111E	402		963.6	1011.5	8.4		9.7		18	144			76	90
07460 CLERMONT-FERRAND	4547N	00310E	332		972.0	1011.1	9.5		9.2		11	73			89	100
07471 LE BUY	4505N	00346E	833		915.4	1011.4	6.4		8.2		14	119			87	105
07481 LYON/SATOLAS	4544N	00505E	248		983.1	1011.8	9.7		10.3		18	283			57	80
07510 BORDEAUX/MERIGNAC	4450N	00042W	61		1005.2	1011.7	10.9		11.5		16	117	23	4	86	90
07535 GOURDON	4445N	00124E	264		981.0	1012.2	9.3		10.4		15	99			92	100
07558 MILLAU	4407N	00301E	720		928.4	1012.2	7.8		9.3		12	88			120	130
07560 MONT AIGOUAL	4407N	00335E	1567		836.7	1010.2	2.6		7.1		14	301		6		
07591 EMBRUN	4434N	00630E	876		910.8	1010.2	6.3		7.1		12	173			107	75
07607 MONT-DE-MARSAN	4355N	00030W	63		1005.6	1012.6	10.5		11.7		17	101			109	120
07630 TOULOUSE/BLAGNAC	4338N	00122E	153		993.9	1012.7	10.2		10.9		15	62	14	4	83	85
07643 MONTPELLIER	4335N	00358E	6		1010.4	1011.4	12.8		11.2		12	71			149	105
07661 CAP CEPET	4305N	00556E	136		994.4	1010.5	13.9		11.8		11	146				
07690 NICE	4339N	00712E	10		1006.7	1010.3	13.0		11.4		14	219	115	4	120	80
07747 PERPIGNAN	4244N	00252E	48		1006.0	1011.6	12.7		10.6		6	41	-17	4	146	100
07761 AJACCIO	4155N	00848E	9		1010.5	1011.3	13.9		12.8		10	167	72	5	108	80
07790 BASTIA	4233N	00929E	12		1009.5	1010.9	14.1		12.3		12	123			115	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.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
SPAIN																
08001 LA CORUNA	4322N	00825W	67		1003.7	1011.7	13.3	.7	12.4	.7	22	229	113	6	68	62
08027 SAN SEBASTIAN/IGUELDO	4318N	00203W	259		981.8	1012.4	12.7	1.8	10.7	.7	14	155	-20	3	112	111
08045 VIGO/PEINADOR	4213N	00838W	255		984.7	1015.4	11.4	.3	12.6	1.2	23	437	234	5	53	46
08075 BURGOS/VILLAFRIA	4222N	00338W	891		912.3	1463 Y	7.9	2.0	9.0	.9	16	75	13	4	60	55
08084 LOGRONO/AGONCILLO	4227N	00220W	363		971.2	1014.2	10.6	1.5	9.8	.9	9	33	-6	4	113	97
08141 VALLADOLID	4139N	00446W	739		929.1	1014.4	8.7	1.3	9.5	1.3	16	88	36	5	82	71
08160 ZARAGOZA/AEROPUERTO	4140N	00101W	258		983.0	1013.6	12.3	2.5	10.0	.6	5	17	-19	2	156	111
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1011.9	1012.4	14.7	2.2	12.3	1.2	8	56	-18	3	171	118
08184 GERONA/COSTA BRAVA	4154N	00246E	129		995.7	1011.0	12.4	2.0	10.3	-.8	7	47	-34	3		
08202 SALAMANCA/MATACAN	4057N	00530W	795		924.1	1016.2	8.5	1.5	9.2	.5	15	59	15	4	103	77
08221 MADRID/BARAJAS	4027N	00333W	582		947.4	1015.5	9.5	.6	9.3	.5	12	84	25	4	105	71
08238 TORTOSA	4049N	00030E	50		1006.0	1011.8	15.1	1.6	10.8	.0	3	13	-47	2	156	99
08261 CACERES	3928N	00620W	405		970.3	1017.9	12.3	.6	11.7	1.8	12	103	29	4	105	70
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		935.1	1016.5	10.1	1.5	9.3	.3	8	33	-5	3	123	83
08284 VALENCIA/AEROPUERTO	3930N	00028W	62		1006.0	1013.4	15.8	2.3	10.4	-.7	4	21	-41	2	164	101
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	8		1012.9	1013.5	14.7	1.6	14.2	1.3	9	85	39	5	167	101
08314 MENORCA/MAHON	3952N	00414E	82		1002.8	1012.9	16.0	1.6	13.5	.7	5	112	35	4	153	100
08330 BADAJOZ/TALAVERA LA REAL	3853N	00649W	192		994.3	1016.2	13.3	1.2	12.2	1.0	9	68	-23	4	105	65
08348 CIUDAD REAL	3859N	00355W	629		943.6	1016.6	11.6	2.6	10.2	.5	11	56	2	3	128	88
08359 ALICANTE	3822N	00030W	82		1004.6	1014.3	16.4	1.5	12.2	.5	5	25	-17	3	166	92
08391 SEVILLA/SAN PABLO	3725N	00554W	31		1012.8	1016.5	15.4		13.1		11	144	5	5	152	85
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1007.0	1017.9	13.7	.8	12.6	1.3	9	122	35	4	136	77
08451 JEREZ DE LA FRONTERA AERO.	3645N	00604W	28		1014.6	1017.8	15.5	1.1	13.2	.2	11	231	123	5	170	93
08482 MALAGA/AEROPUERTO	3640N	00429W	7		1015.8	1016.6	17.5	2.4	13.0	.4	11	163	48	4	170	101
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1012.1	1014.6	16.3	.1	13.0	.0	4	44	13	4	183	99
GIBRALTAR																
08495 GIBRALTAR	3609N	00521W	5		1016.0	1016.6	16.6				11	260		5	154	105
PORTUGAL																
08506 HORTA (ACORES)	3831N	02838W	62		1013.1	1020.5	16.9	.1	16.1	.6	11	119	4	3		
08513 PONTA DELGADA/(OBS.)	3745N	02540W	36		1016.8	1021.1	17.2	.4	19.6	3.7	13	92	-38	2		
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1009.7	1021.7	17.4	.0	16.9	1.4	8	36	-66	1		
08535 LISBOA/GEOP	3843N	00909W	95		1004.9	1016.3	14.9	.4	14.7	1.9	16	196	82	5	137	87
08546 PORTO/SERRA DO PILAR	4108N	00836W	100		1003.3	1015.3	12.9	.6	13.1	1.4	19	281	129	5	96	69
08558 EVORA/C. COORD	3832N	00754W	246		987.9	1017.4	12.1		12.2		12	110			119	
08575 BRAGANCA	4148N	00644W	692		934.5	1015.9	8.5	.5	9.9	1.1	16	148	59	5	79	58
GERMANY																
10035 SCHLESWIG	5432N	00933E	48		1003.5	1009.4	4.5	-.4	7.8	-.1	13	86	-19	3	32	64
10055 WESTERMARKELSDORF	5432N	01104E	9		1008.9	1009.9	5.2		8.0		12	80			39	65
10091 ARKONA	5441N	01326E	42		1005.4	1010.6	5.2		7.5		9	65			42	75
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	15		1007.3	1009.2	4.7	-.4	8.0	.2	11	83	12	4	37	70
10162 SCHWERIN	5339N	01123E	68		1001.4	1009.8	4.2		7.6		15	92		5	47	90
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1008.4	1009.9	4.8	-.5	7.6	-.3	10	69	17	5	49	94
10184 GREIFSWALD	5406N	01324E	6		1009.7	1010.5	4.0		7.5		8	51		4	43	80
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1007.1	1007.7	5.9		8.8		16	68			32	55

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
10270 NEURUPPIN	5254N	01249E	39		1004.6	1010.2	4.3		7.9		10	65		5	57	140
10291 ANGERMUENDE	5302N	01400E	35		1003.8	1010.6	3.6		7.3		7	40		5	55	110
10338 HANNOVER	5228N	00941E	59		1002.2	1009.5	5.7	.7	8.5	.7	15	101	49	5	44	76
10361 MAGDEBURG	5208N	01136E	85		999.6	1010.1	4.7		7.9		13	89		6	52	90
10379 POTSDAM	5223N	01304E	100		998.4	1010.8	3.9	-.3	7.7	.3	14	75	28	5	57	106
10384 BERLIN-TEMPELHOF	5228N	01324E	49		1004.4	1010.4	4.4		7.7		11	50		5	54	100
10393 LINDENBERG	5213N	01407E	104		998.1	1011.0	4.0	-.1	7.5	.2	10	65	21	4	56	112
10453 BROCKEN	5148N	01037E	1153		875.7	1392 Y	1.4		6.3		21	189		4	41	80
10469 LEIPZIG-SCHKEUDITZ	5125N	01214E	149		993.8	1010.4	5.0		8.2		16	102		6	62	125
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		982.5	1010.8	5.3		7.8		13	119		6	60	100
10499 GOERLITZ	5110N	01457E	240		981.7	1010.7	4.7	.8	7.7	.7	13	82	31	5	61	107
10548 MEININGEN	5034N	01023E	453		956.2	1010.5	5.1		8.5		15	100		5	20	45
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		971.1	1010.0	5.2		8.2		14	105		5	53	90
10578 FICHTELBERG	5026N	01257E	1215		871.0	1410 Y	.9	1.8	5.9	.7	18	185	97	6	55	92
10609 TRIER-PETRISBERG	4945N	00640E	273		977.2	1009.9	7.8	3.2	9.9	2.3	17	97	23	4	27	55
10628 GEISENHEIM	4959N	00757E	123		995.3	1010.2	8.0	2.9	9.5	2.0	13	83	34	5	32	64
10727 KARLSRUHE	4902N	00822E	145		993.2	1010.6	8.3	3.0	10.5	2.8	18	101	36	5	39	67
10738 STUTTGART- ECHTERDINGEN	4841N	00914E	391		964.3	1011.1	7.0		9.8		20	125		6	47	60
10763 NUERNBERG	4930N	01103E	318		973.2	1011.5	6.2	2.3	8.6	1.7	18	125	81	6	47	82
10870 MUENCHEN, FLUGHAFEN	4822N	01148E	447		958.2	1012.0	6.0	3.2	8.8	2.3	14	107	52	5	40	67
10929 KONSTANZ	4741N	00911E	447		958.5	1011.7	6.9	2.6	9.5	2.3	17	117	52	5	32	62
10946 KEMPTEN	4743N	01020E	705		928.7	1011.7	5.2		8.3		19	178		6	61	70
10961 ZUGSPITZE	4725N	01059E	2962		701.2	2976 Z	-6.4	.7	3.5	.8	17	307	149	6	84	63
10962 HOHENPEIßENBERG	4748N	01101E	986		897.4	1426 Y	5.4	2.8	7.1	1.2	14	134	61	5	65	71
AUSTRIA																
11028 ST. POELTEN	4811N	01537E	284		977.6	1011.9	6.4		8.5	1.7	9	52	3	4	48	81
11035 WIEN/HOHE WARTE	4814N	01621E	209		986.8	1012.1	7.5		8.6	1.5	12	67	17	4	50	79
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	593		942.3	1012.4	6.3		8.3		14	113		5	73	85
11146 SONNBLICK	4703N	01257E	3111		690.9	3032 Z	-7.0		3.3	.7	23	321	124	5	64	53
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		958.5	1012.3	6.8		7.9	1.3	11	89	15	4	64	80
11155 FEUERKOGEL	4749N	01344E	1621		829.7	1424 Y	2.6		5.9		17	206		4	74	70
11212 VILLACHERALPE	4636N	01340E	2160		778.7	1454 Y	-1.1		5.2		13	235		6	68	60
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		957.2	1014.1	6.3		8.2	1.7	8	94	8	4	83	128
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		969.3	1012.9	7.1		9.0	2.2	6	41	-18	2	81	103
CZECH REPUBLIC																
11423 PRIMDA	4940N	01240E	748		923.3		2.6		7.4		13	100		5	28	60
11464 MILESOVKA	5033N	01356E	836		912.6		1.7		6.9		15	97		6	35	55
11487 KOCELOVICE	4928N	01350E	522		949.3	1011.9	3.7		7.6		14	76		6	34	70
11518 PRAHA/RUZYNE	5006N	01415E	380		967.6	1011.7	4.3	1.3	7.7	1.1	14	81	50	6	31	58
11520 PRAHA-LIBUS	5000N	01427E	303		975.0	1011.8	4.6		7.9		13	75		6	26	50
11603 LIBEREC	5046N	01501E	399		963.1	1011.5	4.4		7.8		15	94		4	41	
11659 PRIBYSLAV	4935N	01546E	536		948.3	1012.4	4.4		7.9		11	52		4	25	55
11723 BRNO/TURANY	4910N	01642E	246		982.8	1012.6	6.0	2.5	8.2	1.4	8	48	11	4	45	88
11782 OSTRAVA/MOSNOV	4941N	01807E	260		981.2	1012.7	6.2	2.5	8.0	1.2	7	27	-17	1	54	100
SLOVAKIA																
11903 SLIAC	4839N	01909E	315		976.4	1014.7	4.8	1.7	7.6	.9	10	50	-19	2	33	66

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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	%		
11934 POPRAD/TATRY	4904N	02015E	695		931.8		3.7	2.4	6.4	.7	5	14	-30	1	56	66
POLAND																
12120 LEBA	5445N	01732E	2		1011.1	1011.8	3.7		7.0		8	31		1	41	
12160 ELBLAG	5410N	01926E	43		1007.2	1012.5	3.5		7.0		6	34		1	49	125
12205 SZCZECIN	5324N	01437E	3		1010.4	1011.2	3.9	-1.5	7.4	-1.1	10	40	-6	3	48	120
12295 BIALYSTOK	5306N	02310E	151		995.5	1014.3	2.8	.6	6.7	.0	6	26	-20	1	40	115
12330 POZNAN	5225N	01650E	92		1000.8	1011.7	4.1	.3	7.8	.6	6	51	12	4	47	118
12375 WARSZAWA-OKECIE	5210N	02058E	107		1000.1	1013.3	4.1	.9	7.5	.5	7	29	-12	2	63	145
12424 WROCLAW II	5106N	01653E	121		996.5	1011.9	4.9	1.0	7.9	.7	11	46	3	4	56	108
12497 WLODAWA	5133N	02332E	179		992.5	1014.7	4.2		7.4		7	26		2	53	110
12566 KRAKOW	5005N	01948E	237		984.2	1013.3	5.4	2.2	7.7	.8	7	26	-19	1	45	94
HUNGARY																
12843 BUDAPEST/LORINC	4726N	01911E	139		997.7	1014.6	7.4	2.6	8.7	1.3	9	33	-19	3	57	85
12882 DEBRECEN	4729N	02136E	109		1001.8	1015.0	6.6	2.1	8.4	1.0	6	38	-7	3	52	74
12942 PECS/POGANY	4606N	01814E	203		989.8	1014.4	8.3	3.2	9.3	1.8	8	37	-19	3	77	95
12982 SZEGED	4615N	02006E	83		1005.0	1015.0	8.3	3.2	9.3	1.7	7	21	-20	2	82	102
SLOVENIA																
14008 KREDARICA	4623N	01351E	2515		744.3	2999 Z	-2.8		4.4		15	267		5	74	65
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	298		978.1	1013.7	9.3		10.0		9	119		3	65	115
CROATIA																
14236 ZAGREB/GRIC	4549N	01559E	162		993.7	1013.2	10.7		9.8		10	76		3	76	110
14445 SPLIT/MARJAN	4331N	01626E	128		998.1	1013.3	14.5		11.1		5	64		2	112	80
BOSNIA AND HERZGOVINA																
14654 SARAJEVO/BEJELAVE	4352N	01826E	638		941.1	1015.4	9.8	4.5	7.8	.9	9	50	-44	1	107	132
YUGOSLAVIA																
13274 BEOGRAD	4448N	02028E	132		999.4	1015.3	10.6	3.6	8.7	1.0	5	36	-18	2	97	109
13463 PODGORICA-GRAD	4226N	01917E	50		1011.2	1017.2	13.1		10.6		8	118		1	122	90
ROMANIA																
15085 BISTRITA	4708N	02430E	367		972.2	1016.8	5.1	1.9	7.3	.5	9	36	-11	2	92	118
15090 IASI	4710N	02738E	104		1004.3	1016.9	5.9	1.6	8.0	.7	8	65	30	5	58	79
15120 CLUJ-NAPOCA	4647N	02334E	413		966.7	1016.6	5.1	2.7	7.0	.5	7	45	15	5	86	116
15247 TIMISOARA	4546N	02115E	88		1004.5	1015.2	8.5	2.9	8.4	.6	7	43	-5	3	92	107
15260 SIBIU	4548N	02409E	444		962.7	1016.4	5.6	1.9	7.2	.3	6	42	8	4	90	108
15360 SULINA	4509N	02940E	9		1016.4	1017.1	9.8	2.0	11.3	1.8	4	25	3	4	91	106
15420 BUCURESTI/IMH	4430N	02608E	91		1004.9	1016.0	6.6	1.4	8.3	.5	8	69	20	5	100	115
15480 CONSTANTA	4413N	02838E	14		1017.1	1018.7	10.2	2.2	11.8	2.4	7	34	-8	3	88	87
BULGARIA																
15552 VARNA	4312N	02755E	43		1012.2	1017.4	10.4	1.6	10.4	1.2	6	24	-26	2	118	113
15614 SOFIA (OBSERV.)	4239N	02323E	595		948.0	1018.8	6.3	1.2	7.7	.8	9	31	-22	2	121	126
ITALY																

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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	%
16045 UDINE/RIVOLTO	4559N	01302E	53		1006.5	1012.9	11.9		12.3		14	168	61	5	38	32
16090 VERONA/VILLAFRANCA	4523N	01052E	68		1004.2	1012.5	11.1		11.6		12	85	10	4	45	50
MALTA																
16597 LUQA	3551N	01429E	91		1006.1	1014.7	18.3	1.3	16.2	1.5	14	180	100	5	155	80
GREECE																
16622 THESSALONIKI/MIKRA	4031N	02258E	4		1017.8	1018.3	12.4	1.5	8.5	-1.9	5	26	-31	2	91	78
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1015.3	1015.6	15.6	1.4	10.7	-2.0	7	96	-84	1	129	97
16648 LARISSA (AIRPORT)	3938N	02225E	74		1008.7	1017.7	10.9	.1	8.2	-2.2	4	64	6	4	94	75
16716 ATHINAI (AIRPORT)	3754N	02344E	15		1015.2	1017.0	16.0	.6	14.2	1.8	6	119	69	6	132	87
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1015.3	1016.6	15.2	.5	13.6	.9	8	149	7	4	137	91
16746 SOUDA (AIRPORT)	3529N	02407E	151		998.8	1016.8	16.5	.9	14.3	1.5	7	66	-6	3	154	101
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1012.2	1017.0	17.0	.4	13.9	1.0	8	93	35	4	182	122
TURKEY																
17022 ZONGULDAK	4127N	03148E	137		1002.3	1018.7	13.2	1.3	10.6	1.5	10	94	-48	2	134	120
17030 SAMSUN	4117N	03618E	4		1019.5	1020.0	14.1	1.6	10.6	.4	3	30	-59	1	159	155
17034 GIRE SUN	4055N	03823E	37		1015.0	1019.6	14.5	1.9	10.2	-.2	5	94	-48	1		
17040 RIZE	4102N	04031E	9		1017.4	1018.4	13.2	1.6	11.8	1.1	7	143	-106	1	131	170
17050 EDIRNE	4140N	02634E	51		1011.8	1018.1	10.4	1.3	10.7	1.2	10	113	49	5	103	100
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1014.7	1018.7	12.7	1.1	11.9	1.1	6	71	-17	3	117	95
17074 KASTAMONU	4122N	03347E	800		927.0	1021.5	5.4	.2	6.8	-.1	4	27	-2	3	133	115
17084 CORUM	4033N	03457E	776		930.1	1021.5	6.6	.4	6.6	-.2	1	17	-19	2	140	135
17090 SIVAS	3945N	03701E	1285		875.8	1021.9	6.5	1.9	6.7	.6	5	41	3	3	156	130
17092 ERZINCAN	3945N	03930E	1218		882.4	1020.9	7.1	2.1	7.3	.9	6	30	-9	2	175	130
17096 ERZURUM	3957N	04110E	1758		826.7	1024.0	1.3	.0	4.4	-.6	4	26	-10	2	147	100
17098 KARS	4037N	04306E	1775		825.6	1024.3	1.8	1.4	4.7	-.3	5	20	-5	3	160	115
17112 CANAKKALE	4008N	02624E	6		1017.9	1018.6	13.3	1.4	13.5	2.2	8	138	50	5	153	110
17116 BURSA	4011N	02904E	100		1007.8	1019.9	10.8	-.1	9.4	-.3	5	68	-12	2	132	100
17130 ANKARA/CENTRAL	3957N	03253E	891		917.2	1020.7	8.0	.9	7.8	.7	4	19	-14	2	139	95
17170 VAN	3827N	04319E	1662		835.8	1021.0	5.3	1.3	5.9	.3	6	50	8	4	190	110
17188 USAK	3841N	02924E	919		912.7	1018.6	9.2	1.4	7.8	.0	8	62	4	4		
17190 AFYON	3845N	03032E	1034		902.2	1021.4	7.6	.8	6.3	-.8	4	14	-16	2	149	95
17199 MALATYA/BOLGE	3821N	03819E	948		912.4	1021.4	9.7		7.8		2	10		1	194	125
17210 SIIRT	3755N	04157E	896		921.1	1023.9	12.1	2.0	8.1	.6	1	44	-37	1	170	110
17220 IZMIR/GUZELYALT	3826N	02710E	29		1013.6	1017.1	14.6	.6	12.6	1.3	8	126	39	4	191	115
17240 ISPARTA	3745N	03033E	997		905.7	1020.5	8.2	.8	7.6	.5	5	38	-8	3	188	115
17244 KONYA	3758N	03233E	1031		901.9	1021.0	6.6	.4	8.4	1.4	4	15	-17	2	174	115
17250 NIGDE	3758N	03441E	1210		883.4	1021.2	7.5	1.5	6.8	.7	5	35	5	4	181	115
17255 KAHRAMANMARAS	3736N	03656E	572		953.3	1019.9	13.5	1.9	9.8	1.3	6	76	-1	3	159	110
17270 SANLIURFA	3708N	03846E	549		955.4	1018.9	14.4	1.9	10.2	1.5	3	36	-6	3	203	110
17280 DIYARBAKIR	3753N	04012E	677		941.5	1020.3	10.2	.8	6.6	-1.6	5	37	-15	2	206	125
17285 HAKKARI	3734N	04346E	1728		830.4	1019.5	8.1	3.0	6.0	.4	4	37	-59	1	172	115
17292 MUGLA	3713N	02822E	646		943.0	1018.4	11.3	.9	9.9	.6	8	164	29	4	160	100
17300 ANTALYA	3642N	03044E	54		1009.3	1016.9	15.6	.8	11.7	.3	6	68	-81	2	221	110
17340 MERSIN	3648N	03438E	3		1017.2	1017.6	18.0	3.0	12.6	.6	5	37	-38	2	223	130
17351 ADANA/BOLGE	3659N	03521E	27		1015.9	1019.5	16.4		11.5		5	26		2	181	100

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
CYPRUS																
17609 LARNACA AIRPORT	3453N	03338E	2		1017.2	1017.6	18.8	1.9	13.0		4	14	-29		226	102
RUSSIAN FEDERATION (EUROPE)																
22113 MURMANSK	6858N	03303E	51		1011.7	1018.3	-8.9	-3.9	3.0	-0.9	11	44	3	5	1	
22165 KANIN NOS	6839N	04318E	49		1008.7	1015.0	-3.0	-0.5	4.2	-0.3	11	36	-9	2	4	
22550 ARHANGEL'SK	6430N	04044E	8		1015.0	1016.0	-9.9	-5.3	2.8	-1.4	14	57	3	4	15	
22602 REBOLY	6350N	03049E	182		993.8	1017.4	-7.9	-3.7	3.2	-1.2		27	-24	5		
22837 VYTEGRA	6101N	03627E	56		1008.2	1015.5	-6.3	-3.7	3.6	-1.2	17	97	38	5	25	96
ESTONIA																
26038 TALLINN	5923N	02435E	34		1009.3	1014.0	-1.0	-2.2	5.3	-0.8	15	97	29	5	15	50
RUSSIAN FEDERATION (EUROPE)																
26063 ST. PETERBURG	5958N	03018E	6		1014.2	1015.0	-2.3	-2.4	4.8	-0.8	13	61	6	4	19	70
ESTONIA																
26214 VILSANDI	5823N	02149E	6		1011.9	1012.9	1.8	-2.1	6.0	-0.9	12	58	-15	4	17	43
26242 TARTU	5818N	02644E	68		1005.9	1014.7	-1.0	-1.3	5.3	-0.5	13	83	35	5	16	52
RUSSIAN FEDERATION (EUROPE)																
26477 VELIKIE LUKI	5621N	03037E	106		1002.0	1015.0	-0.2	-0.1	5.3	-0.4	9	29	-16		16	43
LITHUANIA																
26509 KLAJPEDA	5544N	02104E	7		1011.9	1012.8	2.9	-1.0	6.6	-0.5	12	36	-54	1	44	110
26524 SIAULIAI	5556N	02319E	107		1000.2	1013.6	1.4	-0.4	6.2	-0.2	12	38	-20	1	33	79
26629 KAUNAS	5453N	02350E	77		1004.6	1014.2	1.9	0.1	6.3	-0.2	8	27	-26		30	73
26730 VILNIUS	5438N	02506E	156		995.3	1014.7	1.4	0.2	6.1	-0.2	8	22	-35		31	94
BELARUS																
26850 MINSK	5356N	02738E	231		988.0	1015.8	1.1	0.3	6.0	0.0	9	27	-25	1	26	72
RUSSIAN FEDERATION (EUROPE)																
27037 VOLOGDA	5919N	03955E	130		998.5	1015.3	-6.5	-3.1	3.6	-1.0	16	70	27	5	31	97
27199 KIROV	5836N	04938E	158		994.5	1015.0	-4.7		4.2		21	118		5	11	35
27595 KAZAN'	5536N	04917E	116		1001.4	1016.5	-2.2	0.9	4.9	0.5	17	108	64	6	12	29
27612 MOSKVA	5550N	03737E	156		997.5	1017.4	-1.5	-0.3	4.9	-0.1	9	41	-16			
UKRAINE																
33345 KYIV	5024N	03034E	167		997.7	1018.4	3.9	1.8	7.1	0.8	8	50	-1	4		
33393 L'VIV	4949N	02357E	323		975.9	1015.1	5.1	2.6	7.2	0.7	6	24	-22	1	63	113
33506 POLTAVA	4936N	03433E	160		999.3	1019.4	3.3	1.8	7.2	1.0	7	34	-15	2		
33562 VINNYTSIA	4914N	02836E	298		981.0	1017.3	4.1	2.2	7.4	1.2	9	30	-11	3	39	67
33587 UMAN'	4846N	03014E	216		992.0	1018.6	4.1	2.0	7.6	1.1	8	46	3	4		
33631 UZHGOROD	4838N	02216E	124		1001.2	1015.6	6.6	2.0	7.8	0.8	11	48	-10	2	46	73
33658 CHERNIVTSI	4822N	02554E	246		986.4	1016.5	4.8	1.9	7.4	0.9	10	40	4	3	40	59
REPUBLIC OF MOLDOVA																
33815 KISINEV	4701N	02859E	173		995.4	1017.4	6.5	2.1	8.5	1.5	10	76	36	5	69	92

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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	QUINTE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
UKRAINE																
33837 ODESA	4626N	03046E	42		1013.1	1018.3	7.9	2.1	9.6	1.7	7	59	17	4	63	82
33846 MIKOLAIV	4702N	03157E	50		1012.6	1018.7	5.9	1.5	8.7	1.3	6	48	12	4		
33889 IZMAIL	4522N	02851E	30		1013.6	1017.3	8.7	3.0	9.3	1.6	5	51	14	4	86	90
33910 HENICHES'K	4610N	03449E	15		1017.3	1019.1	7.1	1.7	9.2	1.1	8	54	23	5	41	61
33915 ASKANIYA-NOVA	4627N	03353E	30		1015.6	1019.3	6.3	1.9	9.1	1.6	8	48	14	4	53	71
33946 SIMFEROPOL'	4441N	03408E	181		996.6	1018.6	8.3	2.0	9.1	1.1	7	45	1	4	120	105
33983 KERCH	4524N	03625E	49		1013.3	1019.4	8.4	1.6	9.7	1.1	7	47	11	4	85	93
33990 YALTA	4529N	03410E	72		1010.3	1019.0	11.1	1.6	11.1	2.0	5	26	-42	2	66	67
RUSSIAN FEDERATION (EUROPE)																
34123 VORONEZ	5142N	03913E	149			1019.6	1.0		6.0		6	47		5		
34172 SARATOV	5134N	04602E	156		995.2	1020.4	- .5	.7	5.8	.7	8	61	4	5	47	78
UKRAINE																
34300 KHARKIV	4958N	03608E	155		1001.0	1020.3	2.6	1.3	7.1	1.0	8	36	-8	3	39	83
KAZAKHSTAN																
34398 ZHALPAKTAL	4940N	04929E	10		1021.5	1022.8	1.1	1.7	6.1	.9	4	17	-13			
UKRAINE																
34519 DONETS'K	4804N	03746E	225		992.9	1020.9	3.6	1.6	7.4		7	37	-5	4		
RUSSIAN FEDERATION (EUROPE)																
34731 ROSTOV-NA-DONU	4716N	03949E	75		1010.0	1021.2	4.7	1.0	7.6	.6	9	71	17		43	67
34880 ASTRAHAN'	4617N	04803E	-23		1026.0	1023.4	5.0	1.8	7.5	.9	2	12	-5	4		
ARMENIA																
37789 YEREVAN	4008N	04428E	907		894.8	1534 Y	7.8		7.2		1	6		1	192	130
UZBEKISTAN																
38178 AK-BAJTAL	4309N	06420E	234		995.6	1024.4	5.6	2.2	5.9	.6		3	-8	2	186	118
SYRIAN ARAB REPUBLIC																
40001 KAMISHLI	3703N	04113E	455		964.9	1017.8	15.6	2.0	6.8	-2.0	3	20	-17	0		
40007 ALEPPO INT. AIRPORT	3611N	03712E	384		972.1	1017.4	13.8	1.5	6.3	-3.3	6	38	2			
40022 LATTAKIA	3532N	03546E	7		1015.5	1016.3	16.8	-.7	13.0	1.1	8	80	-15	3	227	118
40030 HAMA	3507N	03645E	303		982.4	1018.1	14.6	1.9	10.2	.5	7	37	-3			
40045 DEIR EZZOR	3519N	04009E	212		995.3	1020.2	14.2	.9	9.8	.9	6	14	2			
40061 PALMYRA	3433N	03818E	404		972.1	1018.5	13.8	.6	10.0	1.3	6	64	50		235	110
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609		947.9	1018.8	9.5	-2.3	8.4	.1	2	29	8	1	228	110
LEBANON																
40100 BEYROUTH (AEROPORT)	3349N	03529E	19		1014.2	1017.2	21.0	2.3	13.3		10	123	23	5	152	
40103 TRIPOLI	3427N	03548E	5		1016.9	1017.4	19.0		16.4		8	81		4		
ISRAEL																
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1011.4	1016.1	20.5		12.9		5	30		2		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	'	'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
40199 EILAT	2933N	03457E	12		1015.2	1015.5	23.0	1.9	11.3		1	6	2	5	240	90
JORDAN																
40310 MA'AN	3010N	03547E	1070		896.9	1517 Y	14.4	.9	9.6	1.4	2	8	4	5	232	94
ASIA																
RUSSIAN FEDERATION (IN ASIA)																
20069 OSTROV VIZE	7930N	07659E	10		1014.0	1015.4	-21.6	-.8	1.1	-.2	8	24	11	5		
20674 OSTROV DIKSON	7330N	08024E	47		1005.7	1011.8	-16.1	2.8	1.8	.3	6	24	2	3	0	
20891 HATANGA	7159N	10228E	33		1012.0	1016.6	-24.8	1.6	1.1	.3	8	26	6	5		
21432 OSTROV KOTEL'NYJ	7600N	13552E	9		1021.7	1022.8	-17.8	5.4	1.3	.4		2		-7		
21946 CHOKURDAH	7037N	14753E	61			1024.0	-22.3	4.6	1.0	.3	4	7		-10		
23205 NAR' JAN-MAR	6738N	05302E	12		1013.1	1014.7	-12.1	-2.4	2.5	-.6	8	23	-14	1	5	
23219 HOSEDA-HARD	6705N	05923E	84		1002.9	1013.9	-14.5	-2.2	2.1	-.6	9	40	6	4	0	
23330 SALEHARD	6632N	06640E	16		1012.0	1014.2	-14.3	1.2	2.2	.2	9	27		0	11	
23472 TURUHANSK	6547N	08756E	38		1013.4	1018.6	-19.6	-1.0	1.6	.0	11	36	-10	2	22	
23552 TARKO-SALE	6455N	07749E	27		1012.0	1015.6	-15.6	.6	2.1	.1	11	32	-7	0	8	
23804 SYKTYVKAR	6143N	05050E	119		999.6	1014.8	-9.4	-3.0	3.1	-.6	19	87	40	5	19	86
23884 BOR	6136N	09001E	58		1013.4	1021.2	-16.0	-1.4	2.2	.0	12	28	-31	2	45	141
23933 HANTY-MANSIJSK	6101N	06902E	46		1011.4	1017.6	-10.6	.0	2.9	.0	9	47	6		21	48
24125 OLENEK	6830N	11226E	220		990.1	1020.8	-28.2	.3	.9	.3	4	21	3		22	
24266 VERHOJANSK	6733N	13323E	137		1005.5	1025.3	-32.8	3.9	.3	.0	1	6	-4		23	
24507 TURA	6416N	10014E	168		998.2	1024.2	-26.4	-1.4	.9	-.1	14	13	-13	1	40	
24641 VILJUJSK	6346N	12137E	111		1006.2	1021.5	-22.9	4.3	.8	.0	6	19	1		21	
24688 OJMJakON	6315N	14309E	741		928.5	1030.5	-31.7	5.5	.5	.2	1	5	-6		71	
24738 SUNTAR	6209N	11739E	133		1002.7	1022.1	-21.7	2.0	1.2	.1	6	19	1		44	
24817 ERBOGACEN	6116N	10801E	291		983.8	1023.7	-21.6	-.5	1.3	.0	7	19	-6		68	117
24959 JAKUTSK	6201N	12943E	101		1008.4	1022.9	-25.0	4.2	.7	.1	3	10	-5		74	
25173 MYS SHMIDTA	6854N	17922W	4		1016.7	1017.2	-12.7	3.9	2.4	.7	12	47	-2			
25325 UST'-OLOJ	6633N	15925E	127		1005.2	1032.9	-25.3	2.6	.7	.0	6	12	-10		11	
25400 ZYRANKA	6544N	15054E	43		1017.3	1023.4	-24.0	4.3	.9	.3	6	15	-6		28	
25563 ANADYR'	6447N	17734E	61		1004.0	1012.1	-14.0	1.2	2.0	.0	9	30	3		50	
25703 SEJMCHAN	6255N	15225E	205		994.2	1023.4	-24.8	4.4	1.0	.4	6	14	-14	1	62	
25744 KAMENSKOE	6226N	16605E	10		1010.6	1011.9	-16.7	1.4	1.6	.0	2	6	-29		24	
25954 KORF	6021N	16600E	4		1007.9	1008.4	-9.1	.5	2.6	.0	1	4	-41	1		
28224 PERM'	5801N	05618E	171			1015.8	-3.8		4.6		19	95			11	
28275 TOBOL'SK	5809N	06815E	50		1011.4	1018.0	-6.6	1.7	3.7	.5	11	48	13	5	40	67
28440 EKATERINBURG	5650N	06038E	283		981.5	1017.0	-3.8	1.8	4.0	.6	15	73	43	5		
KAZAKHSTAN																
28679 PETROPVLOVSK	5450N	06909E	142		1001.8	1020.1	-4.7	2.6	4.1	.7	12	68	42	5	39	53
RUSSIAN FEDERATION (IN ASIA)																
28698 OMSK	5501N	07323E	122		1004.2	1020.0	-5.8	1.7	3.6	.3	16	85	57		61	86
KAZAKHSTAN																
28879 KOKSHETAY	5317N	06923E	229		991.8	1020.9	-2.3	3.8	3.2	-.2	2	27	12	5		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
28952 KUSTANAI	5313N	06337E	156		1001.2	1020.5	-1.8	3.7	4.5	.8	9	51	27		81	90
RUSSIAN FEDERATION (IN ASIA)																
29231 KOLPASEVO	5819N	08257E	75		1010.2	1020.2	-9.9	.6	3.2	.4	9	42	7		59	105
29263 ENISEJSK	5827N	09209E	79		1012.6	1023.0	-11.8	-7	2.6	.1	10	38	-7	2	55	125
29282 BOGUCANY	5823N	09272E	133		1006.3	1024.1	-13.8	-1.7	2.3	.1	11	36	11	5	45	105
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		987.8	1023.5	-7.7		3.1		12	33		2		
KAZAKHSTAN																
29807 IRTYSHSK	5321N	07527E	94		1009.0	1021.0	-3.4	3.7	3.8	.5	10	36	15			
RUSSIAN FEDERATION (IN ASIA)																
29838 BARNAUL	5326N	08331E	184		1000.2	1023.7	-2.8	4.0	4.2	.9	13	56	22		42	56
29866 MINUSINSK	5342N	09142E	254		992.1	1024.9	-6.1	1.8	3.3	.5	5	24	12	5	43	78
30230 KIRENSK	5746N	10804E	259		991.4	1026.1	-16.4	-6	1.9	.0	8	21	-6		71	127
30309 BRATSK	5617N	10145E	416		971.3	1025.0	-9.8	-2	2.6	-.1	5	24	3			
30469 KALAKAN	5507N	11646E	613		944.9	1026.6	-22.0		1.1		3	7		3	115	
30554 BAGDARIN	5428N	11335E	903		910.8	1027.5	-19.7		1.0		1	3		2		
30635 UST'-BARGUZIN	5325N	10901E	461		965.4	1024.5	-9.8		2.4		7	16		1		
30673 MOGOCA	5345N	11944E	625		942.7	1025.1	-20.0		1.2		3	10		4	142	105
30710 IRKUTSK	5216N	10419E	469		966.2	1026.6	-10.5	-2.1	2.5	-.3	4	16	-2		114	123
30758 CHITA	5205N	11329E	671		939.3	1025.9	-14.9		1.5		1	3		2	142	105
31004 ALDAN	5837N	12522E	79			1024.0	-19.8	-.7	1.1	-.2	16	42	5		72	99
31088 OHOTSK	5922N	14312E	6		1011.7	1012.5	-11.8	2.8	1.9	.5	3	14	-10	4	116	108
31168 AJAN	5627N	13809E	8		1012.2	1013.4	-9.1	1.6	1.8	.2	4	42	8		103	97
31253 BOMNAK	5443N	12856E	357		972.2	1021.1	-20.3	-.3	.9	-.5	2	5	-14	1	139	128
31369 NIKOLAEVSK-NA-AMURE	5309N	14042E	68		1002.6	1011.4	-10.2	.1	2.7	.4	18	111	61			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1004.3	1014.6	-13.2	.4	1.8	.0	7	20	1		103	77
31510 BLAGOVESCHENSK	5015N	12734E	132		1002.3	1019.7	-12.6	-1.9	1.4	-.6	1	2	-11			
31735 HABAROVSK	4831N	13510E	76		1014.3	1016.1	-10.4	-2.7	2.1	-.4	5	17	-5		124	78
31960 VLADIVOSTOK	4307N	13154E	183		994.7	1018.8	-5.1	-3.8	2.7	-1.4	3	22	-16		149	89
32150 JUZHNO-SAHALINSK	4657N	14243E	24		1004.3	1007.3	-1.7	.3	4.3	-.1	14	128	47	5	98	84
32583 PETROPVLOVSK- KAMCATSKIJ	5259N	15839E	24			1002.9	-1.1		4.2		8	367	6			
32618 NIKOL'SKOE	5512N	16559E	18		1000.1	1002.3	.3	-.1	5.5	.3	16	56	-19	2	35	60
KAZAKHSTAN																
35078 ATBASAR	5149N	06822E	304		984.3	1022.8	-3.2	3.7	4.2	.8	7	31	8	5	80	86
35108 URALSK	5115N	05117E	37		1017.1	1021.7	.4	2.5	5.4	.6	4	16	-19	1		
RUSSIAN FEDERATION (IN ASIA)																
35121 ORENBURG	5141N	05506E	117		1007.0	1021.8	-.4	2.8	5.1	.8	8	33	-4	3	63	100
KAZAKHSTAN																
35188 AKMOLA	5108N	07122E	350		980.0	1024.0	-2.5	3.4	4.2	.7	7	42	21	5	95	95
35229 AKTJUBINSK	5017N	05709E	219		995.5	1023.1	-.8	2.2	4.8	.5	5	24	-2	4	61	78
35394 KARAGANDA	4948N	07309E	553		956.9	1025.5	-1.9	3.2	4.1	.6	7	26	-1		108	100
35406 TAIPAK	4903N	05152E	2				.6	.8	5.0	-.2	4	9	-13	0	92	110
35416 UIL	4904N	05441E	128				-.4	.6	5.2	.4	7	26	0	2		
35746 ARALSKOE MORE	4647N	06139E	62		1016.5	1024.7	.8	1.1	5.0	.2	1	4	-10	2	174	125

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	hr		
35796 BALHASH	4648N	07505E	350		983.3	1027.0	1.0	3.4	5.0	.9	5	32	19	5	162	107
35849 KAZALINSK	4546N	06207E	68		1015.5	1025.2	1.3	.9	4.8	.0	1	3	-11	2	162	118
35925 SAM	4524N	05607E	88		1013.2	1025.0	2.1	.2	5.3	-.3	1	3	-8			
35953 DZHUSALY	4530N	06405E	103		1011.4	1024.6	1.7		3.8		1	3				
36177 SEMIPALATINSK	5025N	08018E	196		1000.5	1025.3	- .6	4.3	3.9	.4	7	14	-12	1	104	94
36208 LENINOGORSK	5020N	08333E	811		928.2	1027.2	-2.5	3.2	3.4	.4	8	36	-8	3		
36535 KOKPEKTY	4845N	08222E	512				-4.8	3.5	3.5	.6	5	44	6		135	114
36859 ZHARKENT	4410N	08004E	645		949.8	1027.3	4.9	3.0	5.8	.8	6	15	-1		150	86
36870 ALMATY	4314N	07656E	851		925.5	1025.8	5.3	3.6	6.2	1.1	2	32	-23	2	130	102
38062 KYZYLORDA	4451N	06530E	130		1008.3	1024.3	4.3	3.2	5.4	.3	1	3	-12	2		
38198 TURKESTAN	4316N	06813E	207			1024.5	6.8	2.9	6.1	.6	1	4	-18			
UZBEKISTAN																
38262 CHIMBAJ	4257N	05949E	66		1017.0	1024.3	4.5	1.0	5.8	.4	0	T	-11	1	184	123
38396 URGENCH	4134N	06034E	101		1012.5	1026.3	6.5		6.3		0	T		1		
38403 BUZAUBAJ	4145N	06228E	98		1012.4	1024.6	6.2		4.3		0	0		0		
38413 TAMDY	4144N	06437E	237		995.9	1023.1	8.3	2.5	7.2	1.7	0	T	-9	1	177	109
38457 TASHKENT	4116N	06916E	488		965.3	1023.2	10.4	2.6	7.7	1.1	2	8	-37	1	162	109
TURKMENISTAN																
38507 TURKMENBASHI	4003N	05300E	-13			1022.5	10.8	1.5	9.3	1.3	1	1	-15		189	117
38545 DARGANATA	4028N	06217E	142		1005.7	1023.2	7.9		7.0		0	0				
UZBEKISTAN																
38611 NAMANGAN	4059N	07135E	474		968.0	1024.7	9.5		8.6		4	34		5	145	95
38618 FERGANA	4022N	07145E	577		954.5	1022.7	9.0	2.5	8.6	1.5	4	8	-6	2	156	104
38683 BUHARA	3943N	06437E	226		995.2	1021.3	9.7		7.7		0	0		0		
TURKMENISTAN																
38687 CHARDZHEV	3905N	06336E	190		1000.2	1023.7	9.5	1.4	7.9	1.1	0	0	-10			
UZBEKISTAN																
38696 SAMARKAND	3934N	06657E	724		937.7	1022.2	9.9	2.4	8.0	1.4	3	32	4	4	182	105
38812 KARSHI	3848N	06543E	376		977.6	1022.6	11.1		9.5		1	12		3		
38927 TERMEZ	3714N	06716E	310		985.5	1022.6	11.7	1.7	9.1	1.6	2	5	-4	3	201	103
SAUDI ARABIA																
40356 TURAIF	3141N	03844E	852		921.0	1520 Y	14.0		8.7		5	19			244	
40357 ARAR	3054N	04108E	549		954.9	1018.3	15.8		9.8		2	11				
40360 GURIAT	3124N	03716E	504		959.4	1017.9	14.7		8.8		3	5				
40361 AL-JOUF	2947N	04006E	689		941.4	1017.6	16.5		8.1		3	15				
40362 RAFHA	2937N	04329E	444		965.8	1017.6	16.8		10.2		4	6			226	
40375 TABUK	2822N	03636E	768		929.7	1016.0	18.1		9.0		2				273	
40394 HAIL	2726N	04141E	1013		905.4	1535 Y	17.3		8.5		6	14			250	
40400 WEJH	2612N	03628E	21		1010.3	1013.0	25.6		17.8		0	9999			284	
40405 GASSIM	2618N	04346E	650		943.5	1015.9	19.9		9.3		2	41		0		
40410 KHAYBER	2540N	03918E	754		929.6	1012.8	26.0		9.1		1	11				
40416 DHAHARAN	2616N	05009E	17		1013.4	1015.4	22.0		14.4	1.3	2	35	30			
40417 KING FAHAD INT. AIRPORT	2627N	04949E	12		1015.2	1016.7	21.4	-.3	12.2		2	8				

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE		
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.	
					mb	mb	°C	°C	mb	mb	mm	mm	hr				
40420 AL AHSA	2518N	04929E	178		996.3	1016.9	21.3		11.9		1						
40430 MADINAH	2433N	03942E	636		992.6	1012.8	25.1	1.7	9.6	2.3	1	13		4	253		
40437 KING KHALED INT. AIRPORT	2456N	04643E	612		948.0	1017.4	19.9		9.3		1	46			236		
40438 RIYADH	2443N	04644E	620		947.9	1017.3	21.4	.7	8.9	.7	0	0		-5	246		
40439 YENBO	2409N	03804E	10		1010.7	1011.9	27.4		20.9		2						
IRAN, ISLAMIC REPUBLIC OF																	
40706 TABRIZ	3805N	04617E	1361		869.0	1022.9	8.3	1.8	6.5	.4	5	16		-12	182	105	
40712 ORUMIEH	3732N	04505E	1312		872.5	1021.5	7.8	1.7	6.3	-.2	3	23		-14	165	99	
40718 ANZALI	3728N	04928E	-23		1024.7	1021.2	14.4	.9	17.7	4.0	12	196		-70	124	123	
40745 MASHHAD	3616N	05938E	989		907.6	1022.5	10.2	2.5	7.9	1.4	3	22		7	158	83	
40754 TEHRAN-MEHRABAD	3541N	05121E	1191		886.0	1019.1	13.5	2.4	6.7	.7	4	28		8	200	99	
40766 KERMANSHAH	3416N	04707E	1322		870.5	1020.5	9.7	.8	6.3	-.2	5	32		-22	208	111	
40800 ESFAHAN	3238N	05143E	1550		848.3	1019.5	10.0	.1	6.3	.7	3	19		10	221	98	
40831 ABADAN	3022N	04815E	11		1016.6	1017.4	19.0	-.5	11.1	-1.5	1	3		-17	242	120	
40841 KERMAN	3015N	05658E	1754		828.5	1018.8	10.0	-.8	5.1	.7	2	10		5	224	94	
40848 SHIRAZ	2932N	05235E	1491		854.8	1017.8	13.2	1.5	6.1	-.1	1	2		-18	250	105	
SAUDI ARABIA																	
41024 JEDDAH (KING ABDUL AZIZ INT.)	2142N	03911E	17		1010.2	1012.0	28.1	1.1	24.4	2.2	1	20		9	233		
41030 MAKKAH	2126N	03946E	240		984.3	1011.0	29.5		23.4		2	50					
41055 AL BAHA	2018N	04138E	1662		838.1	1525 Y	19.6		9.4		2	7			251		
41061 WADI AL DAWASSER AIRPORT	2030N	04512E	622		945.1	1014.5	22.9				0	0			291		
41084 BISHA	1959N	04237E	1163		887.7	1012.4	22.8		9.0		0	7			285		
41112 ABHA	1814N	04239E	2093		796.1	1527 Y	16.4		11.4		1				260		
41114 KHAMIS MUSHAIT	1818N	04248E	2056		799.6	1525 Y	17.7		12.3		1	13			263		
41128 NAJHRAN	1737N	04425E	1210		883.1	1536 Y	20.8		9.9		0	0			279		
41136 SHARURAH	1728N	04707E	725		934.4	1014.4	24.2		9.7		0	0			297		
41140 GIZAN	1654N	04235E	7		1011.3	1012.1	29.9		29.3		1	1					
BAHRAIN																	
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		1016.3	1016.5	24.0	-.5	18.5	-3.1	2	15		12	5	263	101
UNITED ARAB EMIRATES																	
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		1012.9	1015.7	24.6	.6	18.9	.0	0	0		-1	4	291	99
OMAN																	
41256 SEEB, INTERNATIONAL AIRPORT	2335N	05817E	8		1014.1	1015.1	25.4		21.1		2	4			239		
41268 SUR	2232N	05929E	14		1014.1	1015.6			22.5		00	T					
41288 MASIRAH	2040N	05854E	19			1015.1	26.5		23.2		1	3			5	266	
41314 THUMRAIT	1740N	05402E	467		965.7	1017.4	23.4		12.2		0	0					
41316 SALALAH	1702N	05405E	20		1011.9	1014.5	27.3		16.9		0	0			292		
PAKISTAN																	
41515 DROSH	3534N	07147E	1465			1539 Y	13.4	.8	4.7		3	27		2	0		
41530 PESHAWAR	3401N	07135E	360			1024.8	17.9	.3	12.0		4	9		-3	3		
41560 PARACHINAR	3352N	07005E	1725		835.0	1536 Y	10.6	-.9	5.9		7	62		45	5		
41571 ISLAMABAD AIRPORT	3337N	07306E	508			1015.0	17.8	1.3	11.6		0	0		-17	2		
41594 SARGODHA	3203N	07240E	188			1014.4			13.4		1	7			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.
							°C	°C	mb	mb	mm	mm	mm	hr		
41598 JHELUM	3256N	07343E	234		986.5	1014.1	19.6	.9	14.0		1	15	6	4		
41600 SIALKOT	3230N	07432E	256		984.7	1014.2	18.5	.7	14.8		0	0	-9	3		
41620 ZHOB	3121N	06928E	1407		861.1	1518 Y			6.0		4	29	26	6		
41624 DERA ISMAIL KHAN	3149N	07055E	173		994.0	1014.3	19.9	.8	15.9		2	10	8	5		
41640 LAHORE CITY	3133N	07420E	215		989.9	1014.0	21.3	1.8	14.0		0	0	-4	3		
41660 QUETTA AIRPORT	3015N	06653E	1587		843.3	1525 Y	10.7		5.8		3	16		4		
41675 MULTAN	3012N	07126E	123		1000.0	1014.6	21.1	1.4	15.0		0	T	-2	4		
41685 BAR KHAN	2953N	06943E	1097			1516 Y	16.8	-5	6.0		3	9	4	0		
41710 NOKKUNDI	2849N	06245E	683		938.4	1014.8	19.4	1.0	6.3		0	0	-1	5		
41712 DAL BANDIN	2853N	06424E	850		920.7	1529 Y			6.5		1	5	3	5		
41715 JACOBABAD	2818N	06828E	56		1007.8	1014.2	22.7	.6	13.6		1	2	1	5		
41718 KHANPUR	2839N	07041E	88		1003.4	1013.4	20.9	1.2	13.6		0	0	-1	4		
41739 PANJGUR	2658N	06406E	981		905.9	1517 Y	17.4	.8	7.2		2	7	6	5		
41744 KHUZDAR	2750N	06638E	1232			1504 Y			7.0		2	18	13	0		
41749 NAWABSHAH	2615N	06822E	38		1010.6	1013.9	22.9	1.0	15.8		1	1	0	0		
41756 JIWANI	2504N	06148E	57		1007.5	1013.8	23.4	-5	17.4		2	18	14	5		
41759 PASNI	2516N	06329E	6		1013.2	1013.6	24.3		15.6		1	2	1	0		
41768 CHHOR	2531N	06947E	6		1012.5	1013.4	22.9	.5	11.4		1	2	-1	5		
41780 KARACHI AIRPORT	2454N	06708E	22		1011.2	1013.7	24.9	1.0	15.1		0	T	-1	5		
INDIA																
42027 SRINAGAR	3405N	07450E	1587		844.9	1536 Y	9.6	1.5	7.3		0	0	-28	2	175	
42071 AMRITSAR	3138N	07452E	234		987.5	1014.9	19.2	1.3	13.7		0	0	-6	3	228	104
42165 BIKANER	2800N	07318E	224			1013.7	22.7	1.2	9.5		2	7	4	5		
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216		989.3	1014.3	20.6	-2	15.6		0	0	-9	3	140	
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111		1001.4	1014.2	22.1	1.3	20.4		4	45	26	5	221	
42339 JODHPUR	2618N	07301E	224			1013.3	24.3		9.4		1	1		4		
42410 GAUHATI	2606N	09135E	54		1007.1	1013.3	22.8	.6	22.4		2	55	30	5	200	87
42452 KOTA AERODROME	2509N	07551E	274			1013.5	24.5	1.9	10.1		1	2	-18	3		
42587 DALTONGANJ	2403N	08404E	221		987.5	1014.0	22.2		19.1		1	1		3		
42619 SILCHAR	2445N	09248E	29		1008.4	1011.7	24.3		26.3		5	63		4		
42647 AHMADABAD	2304N	07238E	55		1006.5	1012.9	25.1	.4	12.0		0	0	-14	4	257	94
42671 SAGAR	2351N	07845E	551		951.8	1013.3	23.7	1.3	13.2		2	13	-6	4		
42731 DWARKA	2222N	06905E	11		1011.7	1013.0	27.0	.7	21.1		0	0	-2			
42754 INDORE	2243N	07548E	567		949.5	1012.5	22.9	1.1	10.6		2	3	-18	3		
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1012.0	1012.7	24.9	.0	21.7		2	85	59	5	196	103
42867 NAGPUR SONEGAON	2106N	07903E	310		977.9	1013.1	23.7	.7	16.5		0	T	-17	3	277	105
42909 VERAVAL	2054N	07022E	8		1011.3	1012.1	27.7	1.5	21.5		0	0	-33	4		
42933 AKOLA	2042N	07702E	282		980.3	1012.1	23.8	-2	14.4		1	4	-16	4		
42971 BHUBANESWAR	2015N	08550E	46		1007.6	1012.9	24.1		21.5		1	30		4	195	90
43041 JAGDALPUR	1905N	08202E	553		951.4	1013.1	22.1	.4	16.1		0	0	-26	1		
43057 BOMBAY/COLABA	1854N	07249E	11		1009.5	1010.7	28.5	.5	24.4		0	0	-23	2	244	100
43063 POONA	1832N	07351E	559		949.9	1012.1	22.6	.3	15.5		0	T	-28	2	279	104
43128 HYDERABAD AIRPORT	1727N	07828E	545		952.1	1012.3	23.0	-2	16.3		1	2	-27	2	251	102
43149 VISHAKHAPATNAM	1743N	08314E	3		1012.0	1012.3	26.2		20.6		1	3		2		
43185 MACHILIPATNAM	1612N	08109E	3			1011.9	25.8	.0	25.5		4	81	-35	3	175	
43192 GOA/PANJIM	1529N	07349E	60		1003.9		28.4	.8	26.6		0	T	-35	1	267	98
43198 BELGAUM/SAMBRA	1551N	07437E	747		928.9	1010.5	23.3	.5	16.2		1	1	-37	1		
43279 MADRAS/MINAMBAKKAM	1300N	08011E	16		1009.7	1011.4	26.1	.0	26.6		10	443	34	3	131	72

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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.
43295 BANGALORE	1258N	07735E	921		909.9	1510 Y	22.9	.7	18.9		3	38	-14	3	172	91
43314 KOZHIKODE	1115N	07547E	5		1009.9	1010.5	28.6	1.1	30.7		9	151	-21	4		
43333 PORT BLAIR	1140N	09243E	79		1001.9	1010.9	26.8	.9	30.7						162	93
43363 PAMBAN	0916N	07918E	11		1009.3	1010.7	27.5		30.2		13	384		5		
43369 MINICOY	0818N	07309E	2		1010.1	1010.3	28.2	.7	31.7		12	83	-62	2	151	70
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1003.3	1010.6	27.0	.2	29.7		16	245	39	4	120	72
SRI LANKA																
43418 TRINCOMALEE	0835N	08115E	7		1001.9	1010.6	26.8	.1	30.6	2.4	17	459	125			
43466 COLOMBO	0654N	07952E	7		1009.4	1010.3	27.2	.5	30.7	2.2	19	299	-11		178	85
43497 HAMBANTOTA	0607N	08108E	20		1008.6	1010.3	27.1	.3	29.8	1.5	13	231	43			
MONGOLIA																
44203 RINCHINLHUMBE	5107N	09940E	1583		840.3	1034.8	-18.1	2.3	1.6	.5	2	6	1	2		
44207 HATGAL	5026N	10009E	1668		830.8	1032.1	-14.9	-1.2	1.6	.1	2	3	-2	2		
44212 ULAAN-GOM	4959N	09205E	939			1031.8	-10.7	-.2	3.0	.7	6	12	6	5	49	49
44213 BARUUNTURUUN	4939N	09424E	1232		880.8	1032.1	-11.1	3.2	1.9	.1	4	8	-1	3		
44214 UIGI	4856N	08956E	1715			1026.2	-5.4	3.1			0	T	-1	1		
44215 OMNO-GOBI	4901N	09143E	1590		841.4	1027.9	-7.7	3.2	2.1	.3						
44218 HOVD	4801N	09134E	1405		859.5	1027.0	-6.9	2.8	2.6	.6	0	T	-1	1		
44225 TOSONTSENGEL	4844N	09812E	1723		828.2	1036.8	-15.6	3.1			5	10	3	5		
44230 TARIALAN	4934N	10200E	1235		880.1	1032.8	-13.1	-2.8	1.6	-.3	2	5	3	5		
44231 MUREN	4934N	10010E	1283		872.3	1030.3	-11.0	.4	1.7	-1.1	1	2	1	3	118	70
44232 HUTAG	4923N	10242E	938		912.8	1034.6	-17.9	-6.7	1.5	-5.5	2	4	1	4		
44237 ERDENEMANDAL	4832N	10123E	1509		848.0	1027.0	-9.3	.3	2.2	.1		3	1	4		
44239 BULGAN	4848N	10333E	1208		879.2	1029.4	-14.2	-3.4			2	7	4	4		
44241 BARUUNKHARAA	4855N	10604E	807		927.2	1028.9	-16.7	-5.7	1.4	-.6	3	8	3	4		
44256 DASHBALBAR	4933N	11424E	705		933.9	1023.0	-11.8	-1.5	2.1	.1	01	1	-3	2		
44259 CHOIBALSAN	4805N	11433E	747		932.4	1028.2	-14.8	-5.0	1.7	-.4	2	9	6	5	189	95
44265 BAITAG	4607N	09128E	1186			1037.8	-6.6	1.8	3.9	1.3	1	5	-1	3		
44272 ULIATAI	4745N	09651E	1759		822.8	1029.0	-9.6	3.6	1.7	.1	01	1	-3	1	187	107
44275 BAYANBULAG	4650N	09805E	2255		772.2	1030.0	-11.8	3.1	1.6	-1.1	01	1	-1	1		
44277 ALTAI	4624N	09615E	2181		781.8	1024.9	-8.0	2.4	2.7	1.0	1	2	0	2		
44282 TSETSERLEG	4727N	10128E	1691		828.9	1026.9	-7.2	.3	1.8	-.2	2	6	1	3		
44284 GAIUUT	4642N	10008E	2126		787.0	1037.3	-15.7	-.7	1.8	.5	1	3	1	1		
44285 HUJIRT	4654N	10246E	1662		832.4	1030.4	-11.7	-.9	2.0	.1	1	2	-1	1		
44287 BAYANHONGOR	4608N	10041E	1859				-10.3	.6			1	3	1	1		
44288 ARVAIHEER	4616N	10247E	1813		816.2	1026.3	-8.0	-.9	2.4	.4	1	4	2	4		
44292 ULAAN-BAATOR	4429N	10652E	1306		870.1	1031.8	-15.2	-2.0	1.5	-.4	4	10	7	5		
44294 MAANTI	4718N	10729E	1430		854.7	1031.4	-17.4	-4.5	1.5	-.3	2	3	0	3		
44298 CHOIR	4627N	10813E	1286		871.0	1028.6	-13.3	-3.0	1.7	-.5	1	1	-3	3		
44302 BAYAN-OVOO	4747N	11207E	926		910.3	1027.7	-15.4	-4.6	1.6	-.3	2	14	9	5		
44304 UNDERKHAAN	4719N	11038E	1033		893.8	1023.8	-16.2	-4.6			1	5	2	4		
44305 BARUUN-URT	4641N	11317E	981		904.5	1027.0	-12.4	-2.1	2.0	-.1	01	1	-1	2		
44313 KHALKH-GOL	4737N	11837E	688		937.1	1026.1	-15.8	-4.5	1.7	-.4	6	18	13	5		
44314 MATAD	4710N	11538E	907		913.1	1027.3	-12.8	-3.2	1.9	-.4	1	2	-1	3		
44336 SAIKHAN-OVOO	4527N	10354E	1316		870.5	1031.6	-11.0	-2.3	1.6	-.3	1	3	2	1		
44341 MANDALGOVI	4546N	10617E	1393		860.5	1029.1	-10.7	-2.0	2.4	.3	2	2	0	4		
44347 TSOGT-OVOO	4425N	10519E	1298		872.4	1028.3	-8.0	-1.4	2.1	-.3	1	2	0	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.
							°C	°C	mb	mb		mm	mm		hr	
44352 BAYANDELGER	4544N	11222E	1101		891.8	1026.6	-10.5	-1.8	1.9	-.4	0	T	-2	1		
44358 ZAMYN-UUD	4344N	11154E	964		908.2	1027.2	-8.4	-1.8								
44373 DALANZADGAD	4335N	10425E	1465		854.3	1026.8	-5.0	.1	3.7	1.3		2	0	3	230	100
NEPAL																
44454 KATHMANDU AIRPORT	2742N	08522E	1337		868.0	1512 Y	16.1		15.2		1	27			227	100
HONG KONG, CHINA																
45004 KING'S PARK	2219N	11410E	66		1010.0	1017.8	21.1	-.5	16.0	-1.4	5	26	-8	3	176	97
REPUBLIC OF KOREA																
47101 CHUNCHON	3754N	12744E	75		1012.1	1021.7	2.2	-2.4	4.4	-2.1	2	14	-29	1	154	108
47105 KANGNUNG	3745N	12854E	27		1015.9	1019.1	6.3	-2.4	4.2	-2.8	0	0	-78	0	191	111
47108 SEOUL	3734N	12658E	87		1011.2	1021.9	4.0	-2.6	4.8	-2.1	3	13	-40	1		
47115 ULLUNGDO	3729N	13054E	223		991.2	1018.0	6.6	-2.7	6.2	-2.2	11	82	-26	2	156	131
47133 TAEJON	3618N	12724E	78		1013.8	1022.4	4.9	-1.6	5.7	-1.8	3	24	-24	2	166	112
47138 POHANG	3602N	12923E	6		1020.1	1020.4	7.4	-2.0	4.7	-3.1	0	0	-51	1	225	124
47159 PUSAN	3506N	12902E	71		1011.9	1020.4	8.8	-2.2	5.6	-2.7	2	11	-53	1	183	98
47165 MOKPO	3447N	12623E	56		1017.7	1022.3	7.6	-2.5	6.9	-2.2	5	28	-23	2	167	108
47168 YOSU	3444N	12744E	68		1013.2	1021.3	8.6	-1.9	6.5	-1.8	3	5	-44	0	185	95
47184 CHEJU	3331N	12632E	24		1019.6	1022.5	10.7	-1.7	8.2	-2.2	7	18	-61	1	135	105
JAPAN																
47401 WAKKANAI	4525N	14141E	11		1007.0	1008.3	2.3	-.9	5.2	-.3	20	151	23	4	22	38
47407 ASAHIKAWA	4346N	14222E	116		996.1	1010.6	.5	-1.3	5.4	-.3	23	175	58	6	33	52
47409 ABASHIRI	4401N	14417E	43		1003.4	1008.7	2.7	-.5	5.0	-.6	8	79	16	4	113	100
47412 SAPPORO	4303N	14120E	26		1008.0	1011.2	2.8	-1.5	5.2	-.7	18	165	67	5	82	82
47418 KUSHIRO	4259N	14424E	37		1004.8	1009.7	3.4	-.3	5.2	-.8	8	66	-6	3	177	110
47420 NEMURO	4320N	14535E	39		1004.0	1008.8	3.9	-1.0	5.6	-.8	9	59	-21	2	145	104
47421 TUTTSU	4248N	14014E	38		1007.1	1011.8	2.8	-2.2	5.4	-.9	25	202	65	5	26	44
47426 URAKAWA	4210N	14247E	37		1006.8	1011.3	3.8	-1.7	5.6	-.9	14	99	6	4	101	80
47430 HAKODATE	4149N	14045E	43		1006.9	1012.3	3.3	-1.8	5.7	-1.1	15	174	71	5	88	80
47575 AOMORI	4049N	14046E	3		1013.1	1013.5	4.1	-2.1	6.1	-1.2	22	185	50	5	49	56
47582 AKITA	3943N	14006E	21		1012.0	1014.7	4.8	-2.6	6.7	-1.0	24	293	112	5	40	48
47585 MIYAKO	3939N	14158E	46		1007.5	1013.3	5.6	-2.1	6.0	-1.2	5	146	51	4	140	98
47598 ONAHAMA	3657N	14054E	5		1014.1	1014.7	9.2	-1.3	7.4	-1.8	5	62	-25	2	162	104
47600 WAJIMA	3723N	13654E	14		1014.9	1016.6	8.1	-2.0	8.0	-1.6	22	449	213	5	62	73
47602 AIKAWA	3802N	13815E	17		1013.7	1015.7	9.2	-1.4	8.2	-1.1	23	260	102	6	59	65
47605 KANAZAWA	3635N	13638E	33		1013.1	1017.1	9.3	-1.5	8.3	-1.5	21	511	246	5	79	81
47618 MATSUMOTO	3615N	13758E	611		943.6	1016.3	5.5	-1.3	6.0	-1.1	5	26	-21	2	166	107
47624 MAEBASHI	3624N	13904E	113		1001.5	1015.3	8.6	-1.7	6.4	-1.7	2	20	-25	2	187	112
47636 NAGOYA	3510N	13658E	56		1010.6	1017.3	9.4	-2.1	7.6	-1.9	3	44	-26	2	149	95
47648 CHOSHI	3544N	14052E	28		1011.0	1014.4	12.0	-1.6	9.5	-1.8	4	73	-49	2	129	98
47655 OMAEZAKI	3436N	13813E	47		1009.9	1015.5	11.7	-2.3	8.7	-2.6	2	14	-121	1	171	106
47662 TOKYO	3541N	13946E	36		1010.5	1014.8	11.6	-1.0	6.9	-2.3	4	28	-61	1	141	104
47663 OWASE	3404N	13612E	27		1013.8	1017.0	11.1	-1.7	8.7	-2.0	6	60	-188	1	160	105
47675 OSHIMA	3445N	13222E	79		1005.3	1014.8	12.1	-.9	9.3	-2.1	6	43	-155	0	129	103
47678 HACHIJOJIMA	3306N	13947E	80		1005.7	1015.2	15.4	-1.7	12.3	-2.2	16	369	114	5	64	61
47740 SAIGO	3612N	13320E	31		1014.2	1018.0	9.5	-1.7	7.9	-2.1	15	134	-10	3	118	102

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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.
47741	MATSUE	3527N	13304E	22	1016.2	1018.9	9.2	-1.8	8.0	-2.5	15	177	40	5	112	101
47750	MAIZURU	3527N	13519E	22	1015.8	1018.5	8.3	-2.5	8.4	-2.0	13	146	8	4	93	101
47755	HAMADA	3454N	13204E	20	1016.7	1019.2	10.8	-1.6	7.9	-2.3	9	100	-11	2	108	97
47772	OSAKA	3441N	13531E	83	1008.3	1018.3	11.1	-1.8	7.9	-2.0	4	67	2	3	152	107
47778	SHIONOMISAKI	3327N	13546E	75	1008.0	1016.9	12.7	-2.2	9.0	-2.5	10	95	-99	2	147	90
47800	IZUHARA	3412N	12918E	19	1018.1	1020.4	10.6	-1.6	7.4	-2.7	5	26	-80	1	172	121
47807	FUKUOKA	3335N	13023E	15	1018.5	1020.3	11.5	-1.5	7.8	-2.8	7	37	-43	2	145	111
47815	OITA	3314N	13137E	13	1018.3	1019.9	11.1	-1.6	8.1	-2.6	3	46	-15	3	166	117
47817	NAGASAKI	3244N	12952E	35	1016.1	1020.4	11.7	-2.0	8.8	-2.4	14	134	49	5	125	92
47827	KAGOSHIMA	3133N	13033E	31	1015.9	1019.7	13.1	-1.4	9.8	-2.5	14	100	13	4	144	96
47830	MIYAZAKI	3155N	13125E	7	1017.4	1019.2	12.1	-1.7	9.7	-2.5	9	80	-21	4	168	103
47837	TANEGASHIMA	3044N	13100E	18	1016.7	1018.9	15.9	-1.8	11.9	-2.9	12	170	53	4	121	91
47843	FUKUE	3242N	12850E	26	1017.4	1020.6	12.1	-1.7	8.9	-2.6	12	113	-16	3	120	92
47887	MATSUYAMA	3350N	13247E	34	1015.1	1019.2	10.9	-1.8	7.8	-2.5	4	24	-42	1	127	88
47891	TAKAMATSU	3419N	13403E	10	1017.6	1018.8	10.3	-1.7	7.7	-2.6	6	30	-35	2	144	97
47898	SHIMIZU	3243N	13301E	33	1014.6	1018.5	13.5	-2.3	9.6	-2.1	8	56	-79	1	157	95
47899	MUROTOMISAKI	3315N	13411E	186	995.4	1017.7	12.3	-2.1	9.3	-2.2	9	52	-92	1	170	104
47909	NAZE	2823N	12930E	7	1018.0	1018.9	18.9	-0.9	14.4	-2.4	11	177	-13	3	59	68
47918	ISHIGAKIJIMA	2420N	12410E	7	1017.2	1018.0	22.6	.1	18.6	-2.2	9	63	-106	0	103	95
47927	MIYAKOJIMA	2447N	12517E	41	1013.4	1018.2	21.9	-0.2	17.9	-2.4	11	110	-35	2	96	89
47936	NAHA	2612N	12741E	53	1012.2	1018.4	21.1	-0.3	16.2	-2.4	6	29	-87	1	93	78
47945	MINAMIDAITOJIMA	2550N	13114E	20	1014.7	1017.1	21.8	-0.5	18.9	-1.3	5	61	-61	2	106	87
47971	CHICHIJIMA	2705N	14211E	8	1014.5	1015.3	23.3	.2	21.9	.1	9	227	79	5	129	99
47991	MINAMITORISHIMA	2418N	15358E	9	1015.2	1016.2	26.7	.6	26.3	-.1	3	18	-59		212	102
THAILAND																
48327	CHIANG MAI	1847N	09859E	314	977.0	1012.7	24.0	.2	24.8	2.3	7	332	279	5	182	78
48354	UDON THANI	1723N	10248E	182		1012.8	25.5	.9	25.2	3.5	2	270	261	3		
48378	PHITSANULOK	1647N	10016E	45	1007.0	1012.2	26.8	.7	26.6	1.8	5	59	28	4	229	93
48400	NAKHON SAWAN	1548N	10010E	35	1008.2	1012.3	27.2	.8	28.5	2.9	5	14	-21	3	225	91
48431	NAKHON RATCHASIMA	1458N	10205E	188	991.3	1012.7	26.2	1.6	24.5	1.5	3	27	-4	4		
48455	BANGKOK	1344N	10034E	20	1011.1	1011.5	28.3	1.4	28.1	1.2	8	136	88	5	184	79
48462	ARANYAPRATHET	1342N	10235E	49	1005.0	1009.1	27.7	1.6	26.7	1.7	3	12	-40	1		
48480	CHANTHABURI	1236N	10207E	4	1010.3	1010.7	27.8	1.6	27.5	2.0	6	40	-21	3	206	85
48500	PRACHUAP KHIRIKHAN	1150N	09950E	5	1010.4	1011.0	27.4	1.2	27.6	1.1	9	239	12	3		
48517	CHUMPHON	1029N	09911E	5	1010.6	1011.0	26.8	1.0	30.3	2.0	18	489	114	4		
48568	SONGKHLA	0712N	10036E	5	1009.8	1010.6	27.1	.2	30.5	1.1	25	0503	-085	3	131	83
CHINA																
50527	HAILAR	4913N	11945E	611	945.6	1025.1	-15.4	-2.8	1.5	-.4	3	9	5	5	161	91
50745	QIQIHAR	4723N	12355E	148	1002.3	1021.9	-11.9	-4.8	1.7	-.7	3	7	3	5	173	92
51076	ALTAY	4744N	08805E	737	940.3	1031.3	-2.0	2.8	3.5	.4	5	36	17	5	154	102
51463	URUMQI	4347N	08737E	919	917.0	1029.2	1.6		4.5		4	16		4	141	110
51709	KASHI	3928N	07559E	1291	877.2	1025.4	6.4	2.7	5.1	.4	0	0	-1	4	239	122
51777	RUOQIANG	3902N	08810E	889	921.3	1027.3	3.8	2.1	4.1	.8	0	0	-1	4		
51828	HOTAN	3708N	07956E	1375	868.1	1024.5	7.0	3.1	4.1	.5	0	0	-1	5	239	110
52203	HAMI	4249N	09331E	739	937.9	1027.4	2.0	2.1	3.9	.7	0	T	-1	3	224	101
52533	JIUQUAN	3946N	09829E	1478	857.3	1027.7	2.0	3.0	3.0	.2	1	2	1	4	228	101
52836	DULAN	3618N	09806E	3192	694.2		-3.3	1.3	1.7	.2	2	4	1	3	209	85

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	hr	%	
52889 LANZHOU	3603N	10353E	1518		853.4		3.0	1.1	4.5	.1	1	4	0	4	155	86
53068 ERENHOT	4339N	11200E	966		911.5	1027.9	-8.0	-1.4	1.8	-.3	0	0	-2	3	202	93
53614 YINCHUAN	3829N	10613E	1112		895.7	1027.0	2.1	1.0	3.8	-.5	0	0	-4	2	229	104
53772 TAIYUAN	3747N	11233E	779		931.7	1025.6	2.7	.4	3.4	-1.2	0	0	-12	1	195	107
54292 YANJI	4253N	12928E	178		998.1	1021.1	-5.8	-2.8	2.5	-.7	1	6	-7	3	158	97
54342 SHENYANG	4146N	12326E	43		1017.4	1023.8	-3.2	-3.5	2.9	-1.3	2	13	-4	3	159	97
54511 BEIJING	3956N	11617E	55		1020.0	1024.1	3.4	-.9	3.4	-1.5	0	0	-6	1	220	114
54857 QINGDAO	3604N	12020E	77		1014.6	1024.0	7.5	-1.5	6.3	-1.4	1	7	-19	4	194	103
55591 LHASA	2940N	09108E	3650		655.3		4.2	2.0	2.7	.1	0	0	-1	3	266	100
56137 QAMDO	3109N	09710E	3307		685.0		2.4	.5	5.0	2.2	4	7	3	4	188	94
56294 CHENGDU	3040N	10401E	508		962.9	1023.1	13.6	1.8	12.4	.7	6	18	2	4	64	105
56571 XICHANG	2754N	10216E	1599		842.6		13.9	1.1	9.9	.3	2	7	-12	2	138	72
56739 TENGCHONG	2507N	09829E	1649		837.2		14.0	1.9	11.7	.9	2	6	-42	1	238	112
56778 KUNMING	2501N	10241E	1892		813.8		12.9	1.6	10.7	.5	2	20	-20	2	167	93
56985 MENGZI	2323N	10323E	1302		873.1	1016.8	16.4		13.1		3	39	4	4	161	95
57036 XI'AN	3418N	10856E	398		976.9	1025.2	8.0	1.2	7.0	-.6	4	9	-16	1	133	112
57083 ZHENGZHOU	3443N	11339E	111		1010.4	1024.2	7.5	-.4	5.6	-1.5	1	3	-22	2	140	86
57461 YICHANG	3042N	11118E	134		1007.8	1024.1	12.7	.3	11.2	.3	4	88	40	5	97	90
57745 ZHIJIANG	2727N	10941E	273		990.3	1023.1	13.1	.9	12.3	.9	5	36	-32	2	94	99
57993 GANZHOU	2551N	11457E	125		1005.0	1021.6	15.5	.1	13.7	.6	6	69	16	4	117	81
58362 SHANGHAI	3124N	12128E	4		1022.3	1023.3	13.0		10.2		4	49	4	4	163	100
58606 NANCHANG	2836N	11555E	50		1016.6	1022.5	14.0	.8	12.0	.7	5	106	52	4	140	97
59287 GUANGZHOU	2308N	11319E	8		1014.3	1019.5	19.4	.0	15.4	-.3	6	35	-7	4	147	84
59316 SHANTOU	2324N	11641E	3		1017.6	1018.5	20.2	.9	17.3	-.3	5	71	32	4	192	107
59431 NANNING	2249N	10821E	73		1004.3	1019.3	18.2	-.4	17.1	.7	11	73	29	4	89	60
59758 HAIKOU	2002N	11021E	24		1014.5	1016.6	23.2	1.2	23.0	1.3	9	35	-62	3		
AFRICA																
MADEIRA																
08522 FUNCHAL	3238N	01654W	56		1013.8	1020.6	20.1	1.3	15.4	.1	5	91	-10	3	198	128
SPAIN (CANARY ISLANDS)																
60020 SANTA CRUZ DE TENE- RIFE, CM	2827N	01615W	36		1015.3	1019.8	21.8	1.0	16.6	.3	6	33	-5	4	197	109
60030 LAS PALMAS DE GRAN CAN. /GAN.	2756N	01523W	47		1014.1	1019.5	22.0	1.6	17.4	.7	4	11	-10	3	188	103
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1017.1	1019.6	21.1	.9	17.4	.4	3	12	-2	3	223	112
WESTERN SAHARA																
60096 VILLA CISNEROS	2342N	01552W	10		1016.6	1018.1	21.5				0	9999	0	0	269	105
MOROCCO																
60101 TANGER (AERODROME)	3544N	00554W	21		1016.5	1018.3	15.5	-.4	14.5		13	271	137	6	153	85
60115 OUJDA	3447N	00156W	470		963.5	1017.6	14.9	1.2	9.7		7	41	4	4	183	105
60120 KENITRA	3418N	00636W	14		1017.0	1018.7	15.9	.0	15.4		13	371	241	6	174	95
60135 RABAT-SALE	3403N	00646W	75		1009.3	1018.5	15.3	-.6	15.3		12	343	247	6	183	95
60150 MEKNES	3353N	00532W	549		953.7	1019.8	14.0	-.2	11.8		9	183	104	6	203	110
60155 CASABLANCA	3334N	00740W	62		1011.7	1018.6	16.8	.7	15.9		8	253	179	6	194	60
60220 ESSAOUIRA	3131N	00947W	8		1018.2	1019.0	17.9	.6	15.6		7	67	-5	5	202	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.
							°C	°C	mb	mb	mm	mm	mm	hr		
60230 MARRAKECH	3137N	00802W	466		964.7	1018.9	17.0	.7	10.9		7	78	38	5	237	125
60265 OUARZAZATE	3056N	00654W	1140		890.8	1539 Y	15.8	2.1	6.5			3	-16	1	267	85
60318 TETUAN/SANIA RAMEL	3535N	00520W	10		1016.6	1017.8	17.6		13.5		10	243		5	193	115
SPAIN (CEUTA AND MELILLA)																
60338 MELILLA	3517N	00257W	55		1010.0	1016.5	18.0	1.4	14.2	.2	8	90	49	5	196	120
ALGERIA																
60351 JIJEL ACHOUAT	3653N	00549E	10		1013.2	1014.5	16.7		13.1		14	182			131	
60353 JIJEL PORT	3650N	00547E	2		1013.6	1014.3	17.8		14.2		14	194				
60355 SKIKDA	3656N	00657E	7		1013.3	1013.5	17.6	1.5	15.0		15	243	144	6	136	
60360 ANNABA	3650N	00749E	4		1012.5	1013.5	16.7	1.1	13.3		17	188	114	5	139	
60367 EL-KALA	3654N	00827E	10		1013.3	1014.9	17.3		13.7		16	215				
60387 DELLYS	3655N	00357E	12		1013.2	1013.8	17.1		13.8		13	174			137	
60390 DAR-EL-BEIDA	3643N	00315E	25		1012.0	1015.0	15.7	.5	13.7		11	145	49	5	145	95
60395 TIZI-OUZOU	3642N	00403E	195				15.2		12.9		4	272		1	141	
60402 BEJAIA	3643N	00504E	2		1014.2	1015.1	16.8	1.0	13.0		12	193	94	5	144	115
60403 GUELMA	3628N	00728E	227		988.2	1015.0	15.5		12.2		10	120			134	
60410 TENES	3630N	00120E	59		1014.7	1016.8	17.9		13.5		9	68			145	
60417 BOUIRA	3623N	00354E	635		950.4	1015.3	13.3		11.7		13	158			146	
60419 CONSTANTINE	3617N	00637E	694		935.2	1015.1	12.3	.9	10.4		14	135	92	5	137	
60421 OUM EL BOUAGHI	3553N	00707E	889		912.9	1485 Y			9.6		3			1	136	
60423 SOUK AHRAS	3617N	00758E	680		936.2	1014.6	12.5		10.5		13	141			109	
60425 CHLEF	3613N	00120E	143		999.4	1016.6	14.9	.1	12.0		8	56	3	0	169	
60430 MILIANA	3618N	00214E	715		933.6	1016.4	13.1	.3	10.8		3				150	
60437 MEDEA	3616N	00245E	981		892.5	1493 Y	10.5		9.6		14	149			115	
60444 BORDJ BOU ARRERIDJ	3604N	00446E	928				10.9		8.8		9	81			166	
60445 SETIF	3611N	00525E	1081		900.9	1493 Y	9.7		8.9		12	118			162	
60452 ARZEW	3549N	00016W	3		1015.8	1016.3	17.7		9.0		8	66			174	
60457 MOSTAGANEM VILLE	3553N	00007E	137		999.7	1016.8	15.3		12.9		8	71			168	
60461 ORAN PORT	3542N	00039W	22		1013.3	1016.1	17.9		12.8		8	67				
60467 M'SILA	3540N	00430E	441		963.0	1014.5	14.0		10.7		8	26			172	
60476 KHENCHELLA	3525N	00709E	1116		903.5	1493 Y	11.4		8.7		12	85			110	
60490 ORAN/ES SENIA	3538N	00036W	90		1008.4	1016.4	15.6	.7	11.9		8	70	27	5	185	
60506 MASCARA METMORE	3536N	00018E	474		961.9	1017.4	13.0		10.9		9				167	
60511 TIARET	3515N	00126E	1127		905.6	1504 Y	10.8		9.3		9	60			166	
60514 KSAR CHELLALA	3510N	00219E	800		926.0	1509 Y	12.0		8.8		4	27			175	
60515 BOU-SAADA	3520N	00412E	461		964.5	1018.3	14.9		10.0		5	9			169	
60518 BENI-SAF	3518N	00121W	68		1007.0	1014.9	17.4		13.5		10	123			184	
60520 SIDI BEL ABBES	3511N	00237W	450		962.3	1017.6	14.0		10.5		8	70			181	
60522 MAGHNA	3449N	00147W	426		967.9	1018.0	13.6		10.5		6	53			197	
60531 TLEMEN (ZENATA)	3501N	00128W	247			1014.1	15.4		11.7		8	49			194	
60535 DJELFA	3441N	00315E	1144		882.8	1498 Y	9.9	.8	8.8		5	38	1	3	165	
60536 SAIDA	3452N	00009E	750		930.7	1505 Y	12.6		9.4		11	60			160	
60540 EL KHEITER	3409N	00004E	1000		902.8	1498 Y	10.6		7.7		4	36			192	
60545 LAGHOUAT	3346N	00256E	765		929.2	1503 Y	13.6		9.3		4	88			198	
60549 MECHERIA	3456N	00026W	1149		888.0	1513 Y	11.7		8.2		4	31			182	
60550 ELBAYADH	3340N	00100E	1341		867.5	1515 Y	9.3		7.4		6	53			156	
60555 TOUGGOURT	3307N	00608E	85		1005.9	1016.7	16.8		10.0		5	8			209	

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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			
60557 NAAMA	3316N	00018W	1166		886.2	1512 Y	11.0		7.7		5	38			207	
60559 EL OUED	3330N	00607E	63		1007.7	1015.9	17.0	1.3	10.9		1	6	-3	3	214	
60560 AIN SEFRA	3246N	00036W	1058		895.9	1499 Y	12.8		7.9		5	38			220	
60566 GHARDAIA	3223N	00349E	450		963.6		17.0	1.6	9.0		3	6	-6	0	225	
60571 BECHAR	3137N	00214W	773		925.5	1523 Y	15.9	1.0	8.0		2	16	6	4	262	
60580 OUARGLA	3155N	00524E	141		999.1	1016.4	17.4		10.7		1	2			207	
60581 HASSI-MESSAOUD	3140N	00609E	142		999.9	1016.9	17.3	1.0	9.3			2	-2	3		
60590 EL GOLEA	3034N	00252E	397		971.2	1018.2	15.8	.6	8.8		1	10	5	5	239	
60602 BENI ABBES	3008N	00210W	499		958.9	1016.7	18.2	1.5	7.0		1	1	-5	3	259	
60607 TIMIMOUN	2915N	00017E	312		980.2	1017.0	17.9	.7	7.5		1	1	0	5	262	
60611 IN AMENAS	2803N	00938E	562		952.4	1016.9	16.8	.4	9.5		1	5	3	5	261	
60620 ADRAR	2753N	00017W	263		983.9	1016.9	19.0	.8	7.7		0	0	-1	4	264	
60630 IN SALAH	2712N	00228E	293		985.6	1016.8	19.4	-.7	7.4		0	0	-1	4	264	
60640 ILLIZI	2630N	00825E	558		954.1	1015.9	19.2		7.1		0	0				
60656 TINDOUF	2740N	00808W	431		965.2	1016.5	19.1		9.3						275	
60670 DJANET	2433N	00928E	1054		908.7	1535 Y	17.3	-.9	5.7		0	0	-1	4	292	
60680 TAMANRASSET	2247N	00531E	1378		867.4	1537 Y	17.9	.6	5.3		0	0	-2	4	302	110
60686 BORDJ B.MOKHTAR	2120N	00057E	398		968.6	1013.7	23.9		5.1		0	0			263	
60690 IN-GUEZZAM	1934N	00546E	411		967.2	1014.6	24.2		3.7		0	0			260	
TUNISIA																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1012.6	1013.1	17.6	1.7	14.2		11	80	24	5	148	85
60725 JENDOUBA	3629N	00848E	144		997.5	1014.5	15.8	1.4	12.1		12	112	70	5	123	73
60735 KAIROUAN	3540N	01006E	68		1006.4	1014.4	17.8	1.9	11.8		8	28	0	4	182	88
60745 GAFSA	3425N	00849E	314		979.0	1015.9	15.9	1.9	10.4		5	54	37	5	179	81
60765 GABES	3353N	01006E	5		1014.8	1015.4	18.4	1.6	11.6		5	26	-5	4	220	96
NIGER																
61017 BILMA	1841N	01255E	357		973.5	1013.8	21.4				0	0		5	303	
61024 AGADEZ	1658N	00759E	502		955.6	1012.5	25.8		4.8		0	0		5	280	90
61036 TILLABERY	1412N	00127E	210		987.8	1011.2	28.9		10.9		0	T		5	284	95
61043 TAHOUA	1454N	00515E	391		966.8	1010.1	27.7		6.7		0	0		5	285	100
61045 GOURE	1359N	01018E	460		962.6	1012.0	25.9		.5		0	0		5	276	
61049 N' GUIGMI	1415N	01307E	286		979.5	1011.8	26.2		7.9		0	0		5	283	95
61052 NIAMEY-AERO	1329N	00210E	227		985.7	1010.6	28.7		10.2		0	T		5	290	100
MALI																
61202 TESSALIT	2012N	00059E	491		958.5	1013.0	26.5		5.2						292	111
61223 TOMBOUCTOU	1643N	00300W	264		983.3	1013.1	26.7		7.8		0	0	-1	5	282	103
61230 NIORO DU SAHEL	1514N	00921W	237		984.5	1011.0	28.4	1.7	8.2		0	0	-1	1	252	99
61233 NARA	1510N	00717W	265				27.9	1.1	8.5		0	0	-3		283	105
61240 HOMBORI	1520N	00141W	288			1011.6	29.6	1.0	12.0		0	0	0		305	150
61250 MENAKA	1552N	00213E	278				28.2		6.1						275	98
61257 KAYES	1426N	01126W	47		1006.8	1012.0	29.2	.9	11.8		0	0	-1	0	261	99
61265 MOPTI	1431N	00406W	272		980.8	1011.1	29.0	2.1	8.4		0	0	-1			
61270 KITA	1304N	00928W	334		972.4		28.6	2.1	14.9		0	0	-5	5	270	
61272 SEGOU	1324N	00609W	289		979.0	1011.1	28.1	1.3	13.9		0	0	-1	4	268	102
61277 SAN	1320N	00450W	284		979.8	1011.3	29.0	1.8	12.5		0	0	-1	4	252	91
61285 KENIEBA	1251N	01114W	132		996.6	1011.5	26.7	.0	17.6		00	0	-3	0	276	109

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
61291 BAMAKO/SENOU	1232N	00757W	381		969.8	1010.5	27.0	.5	12.4		0	0	-2		278	103
61293 KOUTIALA	1223N	00528W	367			1010.6	28.2	2.7	12.1		0	0	-4	1	264	94
61296 BOUGOUNI	1125N	00730W	351		971.9	1010.7	26.5	.4	17.7		0	0	-6	2	250	97
61297 SIKASSO	1121N	00541W	375				27.9	2.0	15.2						285	111
MAURITANIA																
61442 NOUAKCHOTT	1806N	01557W	3		1014.1	1014.4	25.8		13.4						235	
SENEGAL																
61600 SAINT-LOUIS	1603N	01627W	4		1013.0	1013.5	25.4		19.4	1.5	0	0	-1		272	111
61627 LINGUERE	1523N	01507W	21		1010.2	1012.5	29.7		14.8	1.3	0	0	-1	4		
61630 MATAM	1539N	01315W	17		1010.0	1011.9	29.1		12.5	-1.3	0	0	-2	1	238	88
61641 DAKAR/YOFF	1444N	01730W	24		1009.8	1013.0	26.1		23.3	-.4	0	0	-1	1		
61679 KAOLACK	1408N	01604W	7		1012.2	1013.0	29.0		16.9		0	0	-4	3	265	104
61687 TAMBACOUNDA	1346N	01341W	50		1009.5	1011.4	29.3		20.5	4.3	0	0	-1	4	232	90
61695 ZIGUINCHOR	1233N	01616W	23		1009.7	1012.3	26.4		24.4	.5	0	0	-5	2	230	88
GAMBIA																
61701 BANJUL/YUNDUM	1321N	01648W	36		1008.7	1011.8	27.2		.0		0	0		1	230	100
OCEAN ISLANDS (UK)																
61901 ST. HELENA IS.	1556S	00504W	436		967.9	1018.9	17.4		15.4		2	9				
MAURITIUS																
61974 AGALEGA	1026S	05645E	3		1011.7	1012.2	27.2	.5	29.7	1.4	14	164	39	4	231	
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1013.6	1014.0	26.6	1.0	27.7	1.5	7	67	40	5		
61988 RODRIGUES	1941S	06325E	59		1010.0	1016.3	25.1	1.0	22.0	-8	5	14	-49	1	273	100
61990 PLAISANCE (MAURITIUS)	2026S	05740E	57		1011.1	1017.0	25.2	1.4	23.6	.3	2	23	-66	1	253	105
OCEAN ISLANDS (FRANCE)																
61998 PORT-AUX-FRANCAIS (ILES KERG)	4921S	07015E	30		998.1	1001.6	6.0	1.3	6.9		9	41	-11	2	202	115
EGYPT																
62306 MERSA MATRUH	3120N	02713E	29		1014.2	1017.9	19.0	1.1	14.1	.1	10	1		5	244	110
62337 EL ARISH	3105N	03350E	38		1013.0	1016.5	19.0	1.3	13.6	-.5	2	T		0		
62378 HELWAN	2952N	03120E	141		999.5	1016.4	20.3	1.5	13.4	1.2	0	0		1		
62414 ASSWAN	2358N	03247E	194		991.6	1013.9	23.6	2.1	9.9	1.0	0	0		3	306	102
62435 KHARGA	2527N	03032E	73		1005.2	1014.4	22.1	1.8	12.5	1.4	0	0		3	298	103
SUDAN																
62600 WADI HALFA	2149N	03129E	183		991.9	1013.1	24.9		11.2		0	0		5	314	95
62640 ABU HAMED	1932N	03319E	312		975.7	1011.5	26.9		11.3		0	0		5	313	85
62641 PORT SUDAN	1935N	03713E	2		1008.1	1012.9	27.7		27.3		9	97		2	246	75
62650 DONGOLA	1910N	03029E	226		985.2	1012.0	26.0		7.9		0	0		5	313	80
62660 KARIMA	1833N	03151E	249		981.5	1001.1	32.7		18.7		0	0		5	317	95
62680 ATBARA	1742N	03358E	345		969.2	1008.5	28.9		11.3		0	0		5	305	90
62721 KHARTOUM	1536N	03233E	380		964.9	1007.9	30.0		36.2		0	0		5	312	85
62730 KASSALA	1528N	03624E	500		952.9	1005.2	33.5		14.1		0	0		5	309	90
62751 WAD MEDANI	1424N	03329E	408		963.1	1009.1	28.5		15.1		0	0		5	310	90

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	mm	mm	hr	%
62752 GEDAREF	1402N	03524E	599		941.3	1007.3	31.6		14.6		0	0		5	284	80
62760 EL FASHER	1337N	02520E	730		929.1	1009.3	25.9		7.4		0	0		5	310	90
62762 SENNAR	1333N	03337E	418		960.1	1006.6	28.3		14.5		0	0		5	309	85
62770 GENEINA	1329N	02227E	805		923.5	1012.0	25.4		7.1		0	0		5	301	90
62771 EL OBEID	1310N	03014E	574		944.8	1008.7	27.5		8.5		0	0		5	263	85
62772 KOSTI	1310N	03240E	381		965.2	1008.1	29.9		15.0		0	0		5	304	90
62781 EN NAHUD	1242N	02826E	564		948.4	1010.9	26.9		15.7		0	0		5	310	90
62790 NYALA	1203N	02453E	674		939.2	1010.4	27.7		8.7		0	0		5		
62795 ABU NA'AMA	1244N	03408E	445		957.9	1006.8	30.3		13.2		0	9999		5	303	90
62805 DAMAZINE	1147N	03423E	470		954.9	1006.0	29.5		16.0		1	9		4		
62810 KADUGLI	1100N	02943E	499		954.1	1008.9	32.1		13.1		0	0		5	285	85
62840 MALAKAL	0933N	03139E	388		965.2	1008.6	27.6		26.7		1	24		3	274	80
62941 JUBA	0452N	03136E	457		956.4	1008.0	29.6		24.8		7	59		2	223	65
ETHIOPIA																
63331 GONDAR	1232N	03725E	1667				21.0		12.0		2	6				
63402 JIMMA	0740N	03650E	1725		835.7		18.8		14.6		3	8				
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		764.9		16.5		8.5		0	0				
KENYA																
63619 MOYALE	0332N	03903E	1097		891.0	1520 Y			25.4		5	27				
63723 GARISSA	0028S	03938E	147		994.3	1011.0			26.9	2.1	6	0131			280	111
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		839.5	1511 Y			16.6		13	115			210	
UNITED REPUBLIC OF TANZANIA																
63756 MWANZA	0228S	03255E	1140		887.8	1515 Y	22.9		21.6		13	143	-23	4		
63832 TABORA AIRPORT	0505S	03250E	1190		882.0	1497 Y	24.4		18.4		14	0189	0052	4		
63862 DODOMA	0610S	03546E	1120		890.6	1526 Y	25.3		19.2		0	0	-27	0		
63894 DAR ES SALAAM AIRPORT	0652S	03912E	55		1006.6	1012.9	27.9		28.2		9	99	-33	2		
63962 SONGEA	1041S	03535E	1067		896.7	1531 Y	23.9		18.2		6	0087	0013	1		
63971 MTWARA	1016S	04011E	113		1000.0	1012.8	26.7		27.0		9	173	114			
SEYCHELLES																
63980 SEYCHELLES INT. AIRPORT	0440S	05531E	3		1010.6	1011.0	27.3	.5	28.7	.6	11	177	-38	3	215	110
DEMO. REPUBLIC OF THE CONGO																
64210 KINSHASA/N'DJILI	0423S	01526E	312		975.8	1010.7	25.7		26.1		15	0198				
CONGO																
64400 POINTE-NOIRE	0449S	01154E	17		1009.9	1011.9	26.2		29.0		10	55		2	137	95
64401 LOUBOMO	0412S	01242E	330				26.8		26.7		13	168				
64402 MOUYONDZI	0359S	01355E	512		953.6	1010.1	24.1		25.2		16	305		4		
64405 SIBITI	0341S	01321E	531				23.2		24.7		21	346				
64450 BRAZZAVILLE/MAYA-MAYA	0415S	01515E	316		975.6	1010.8			26.1		14	326		4	169	105
64458 OUESSO	0137N	01603E	352		970.8	1010.2	24.1		26.4		13	119		0		
64459 IMPFONDO	0137N	01804E	326				25.1		27.1		13	116		0		
GABON																
64500 LIBREVILLE	0027N	00925E	15		1010.0	1011.5	25.9	.0	29.6		21	599	109			

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
					mb	mb	°C	°C	mb	mb	mm	mm	hr	%		
64501 PORT-GENTIL	0042S	00845E	4		1011.3	1012.3	26.7	.6	29.5		17	307	-45	127	110	
64510 BITAM	0205N	01129E	599				23.7	-.6	25.0		13	110	-65			
64550 MOUILA	0152S	01101E	89		1001.6	1011.7	25.5	-1.2	28.2		20	0295	-102			
64551 LAMBARENE	0043S	01014E	26		1008.9	1011.8	26.0	-.9	28.9		21	0311	-082			
64552 MITZIC	0047N	01132E	583		946.4	1010.9	25.2		25.2		21	294	55			
64556 MAKOKOU	0034N	01252E	515		953.4	1010.1	23.3	-.8	24.7		13	239	14	134	102	
CENTRAL AFRICAN REPUBLIC																
64600 BERBERATI	0415N	01548E	583		945.8	1010.2	24.0		25.6		15	106				
64601 BOUAR	0558N	01538E	1020		900.2		22.9		17.1		4	12				
64650 BANGUI	0424N	01831E	366		969.3	1010.2	25.2		26.6		15	204		186		
64654 N'DELE	0824N	02039E	511		953.7	1010.2	24.7		21.6		2	62				
64655 BRIA	0632N	02159E	584		945.6	1009.4	24.4		24.7		5	36				
64656 BANGASSOU	0444N	02250E	500		954.9	1009.6	25.4		26.8		8	85				
CHAD																
64700 NDJAMENA	1208N	01502E	295		976.9	1010.4	27.0		12.0	1.7	0	0	-1	294	98	
CAMEROON																
64910 DOUALA OBS.	0400N	00944E	9		1009.9	1010.9	27.7	.8	30.2	.9	8	125	-8	2	115	71
BENIN																
65330 PARAKOU	0921N	00237E	393		992.1	1009.6	28.3	1.7	21.4	2.1	0	0	-6	3		
TOGO																
65355 NIAMTOUGOU	0946N	00106E	343		959.9	1011.2	26.1		19.2		1	4		1		
65357 KARA	0933N	00110E	341		972.8	1011.6	26.9		19.4		1	17				
65361 SOKODE	0859N	00109E	387		965.7	1010.4	25.9		21.6		0	0	-19	2		
65376 ATAKPAME	0735N	00107E	402		965.6	1011.5	26.5	-.1	25.0		1	26	-3	4		
65387 LOME	0610N	00115E	25		1008.7	1011.5	28.1	.8	31.0		5	41	21	4	238	99
GHANA																
65442 KUMASI	0643N	00136W	293		979.5	1012.6	26.2		27.1		12	45		211	55	
BURKINA FASO																
65501 DORI	1402N	00002W	277		980.4	1011.5	27.9		9.9		0	0		5	281	
65502 OUAHIGOUYA	1334N	00225W	336		973.3	1010.5	28.5		10.2		1	5		0	277	
65503 OUAGADOUGOU	1221N	00131W	306		977.1	1011.1	28.3		13.0		1	T		3	290	
65505 DEDOUGOU	1228N	00329W	300		977.3	1010.6	29.0		10.7		0	0		4	296	
65507 FADA N'GOURMA	1202N	00022E	309		977.3	1011.7	28.1		13.5		2	13		6	288	
65510 BOBO-DIOULASSO	1110N	00419W	460		959.9	1010.5	28.5		14.8		0	0		3	282	
65516 BOROMO	1145N	00256W	271		980.3	1010.5	28.3		12.3		0	0		3	283	
65518 PO	1109N	00109W	322		974.2	1010.1	27.0		13.7		2	4		4	278	
65522 GAOUA	1020N	00311W	335		978.0	1010.6	26.6		19.2		1	4		3	278	
MADAGASCAR																
67009 DIEGO-SUAREZ	1221S	04918E	105		1000.6	1012.5	26.5	.2	26.6	2.7	9	94	40	281	100	
67073 MAINTIRANO	1803S	04402E	23		1011.1	1013.7	28.3	1.4	24.9	-2.4	4	22	-27	2		
67095 TAMATAVE	1807S	04924E	6		1014.4	1015.1	25.4	1.1	26.9	1.1	15	106	-63	2	248	105

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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	%		
67161 TULEAR	2323S	04344E	8		1012.7	1013.6	26.0	.7	27.6		3	10	-11	3		
67197 FORT-DAUPHIN	2502S	04657E	9		1014.3	1015.3	23.7	.0	23.4	-.6	16	262	111	5	191	82
MALAWI																
67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229		879.4	1540 Y	22.9		16.2		3	12			259	
ZIMBABWE																
67775 HARARE (KUTSAGA)	1755S	03108E	1480		855.0	1527 Y	19.9	-1.3	13.7		5	73	-28	2		
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		868.7	1531 Y	21.5		13.7		3	35	-56	1	163	75
SOUTH AFRICA																
68174 PIETERSBURG	2350S	02925E	1237		883.9	1536 Y	20.5		12.3		0	0	-8	0	291	124
68242 MMABATHO	2547S	02532E	1251		873.0	1531 Y	22.7		9.4		6	22		0	310	
68262 PRETORIA	2544S	02811E	1306		874.3	1543 Y	21.8		11.8		4	22	12	1	314	124
68368 JOHANNESBURG INT. AIRPORT	2608S	02814E	1720		833.8	1536 Y	18.3		13.7		3	22	11	0	288	116
68424 UPINGTON	2842S	02127E	850		924.5	1531 Y	24.3		7.1		3	11	10	3	351	102
68438 KIMBERLEY	2848S	02446E	1196		883.1	1529 Y	20.8		8.9		6	33	29	3	316	102
68442 BLOEMFONTEIN AIRPORT	2911S	02630E	1359		862.9	1529 Y	19.1		9.6		5	23	18	2	312	105
68461 BETHLEHEM	2825S	02833E	1690		833.7	1536 Y	16.3		10.8		2	11		0	313	
68512 SPRINGBOK	2967S	01790E	1007		904.3	1529 Y	18.6		6.9		1	3		4	367	
68538 DE AAR	3065S	02400E	1287		872.8	1527 Y	20.2		7.1		2	17		2	349	
68588 DURBAN INTNL. AIRPORT	2958S	03095E	14		1016.3	1017.9	20.8		17.2		11	64	54	1	212	128
68618 CALVINIA	3128S	01946E	975		904.6	1531 Y	17.9		6.3		1	1		2	373	
68816 CAPE TOWN INTNL. AIRPORT	3397S	01860E	46		1012.9	1017.9	16.9		12.6		4	24	23	4	325	105
68828 GEORGE AIRPORT	3401S	02223E	190		996.0	1018.5	16.3		12.5		6	45			280	
68842 PORT ELIZABETH	3398S	02562E	69		1010.4	1017.6	17.1		13.9		8	90	86	5	299	120
68858 EAST LONDON	3302S	02750E	125		1003.8	1018.5	18.4		14.9		5	58	47	2	279	130
68994 MARION ISLAND	4653S	03752E	21		1002.0	1004.7	5.8		7.4		19	160	143	3	147	92
N AMERICA																
USA (ALASKA)																
70026 BARROW/W. POST W. ROGERS	7118N	15647W	4			1013.1	-14.1	4.6			1	2	-4	1		
70133 KOTZEBUE, RALPH WIEN	6652N	16238W	5			1002.2	-6.4	7.0	3.5		5	14	-1	4		
70200 NOME	6430N	16526W	7			998.6	-3.0	5.9	4.1		8	20	-6	3		
70219 BETHEL/BETHEL AIRPORT, AK.	6047N	16148W	46			995.1	-3.1	5.3	4.8		7	23	-4	3		
70231 MCGRATH	6258N	15537W	103			999.4	-6.6	8.7			3	12	-20	2		
70261 FAIRBANKS/INT.	6449N	14752W	138			1002.8	-7.1	9.2			01	1	-19	1		
70273 ANCHORAGE/INT.	6110N	15001W	40			998.1	1.8	7.8	6.6		4	13	-15	1		
70308 ST. PAUL	5709N	17013W	9			991.9	1.7	1.1	5.5		17	58	-13	3		
70316 COLD BAY	5512N	16243W	31			988.4	3.8	2.5	7.0		17	138	32	5		
70326 KING SALMON	5841N	15639W	15			991.0	1.5	6.9	6.5		8	34	-3	3		
70361 YAKUTAT	5931N	13940W	9			1004.3	4.8	5.2	6.5		20	422	54	4		
70398 ANNETTE ISLAND	5502N	13134W	34			1010.4	8.6	4.5	6.5		19	271	-25	2		
USA																
72201 KEY WEST/INT., FL.	2433N	08145W	6			1017.4	23.7	-.5	21.9		5	25	-47	2		
72202 MIAMI, FL.	2549N	08017W	4			1017.5	23.2	.1	21.8		4	95	28	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	
72203 WEST PALM BEACH/INT., FL.	2641N	08006W	6			1017.7	21.4	-1.0	20.3		6	81	-38	3		
72205 ORLANDO/JETPORT, FL.	2826N	08119W	32			1018.5	18.6	-1.4	16.2		6	59	1	4		
72206 JACKSONVILLE/INTNL., FL.	3030N	08142W	9			1018.8	15.1	-1.5	14.1		6	68	13	4		
72207 SAVANNAH/MUNICIPAL, GA.	3208N	08112W	15			1019.0	13.4	-1.7	13.0		10	117	62	6		
72208 CHARLESTON/MUN., SC.	3254N	08002W	15			1018.3	13.2	-1.5	12.2		9	144	81	5		
72211 TAMPA/INT., FL.	2758N	08232W	3			1018.7	18.7	-1.0	16.8		4	45	0	4		
72214 TALLAHASSEE/MUN., FL.	3023N	08422W	21			1019.4	13.8	-1.6	12.2		4	89	-9	4		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1019.0	11.3	-2.0	10.6		8	109	40	5		
72218 AUGUSTA/BUSH FIELD, GA.	3322N	08158W	45			1018.4	11.1	-1.7	10.1		9	102	39	5		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1019.0	10.4	-1.3	9.5		10	136	38	5		
72223 MOBILE/BATES FIELD, AL.	3041N	08815W	67			1020.1	13.4	-2.0	12.7		9	125	21	4		
72226 MONTGOMERY/DANNELLY, AL.	3218N	08624W	62			1020.0	11.8	-1.9	12.3		7	73	-30	3		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1020.1	15.5	- .7	14.8		9	130	18	4		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1019.9	11.5		10.5		7	85		3		
72235 JACKSON/ALLEN C. THOMP., MS.	3219N	09005W	101			1020.1	11.3	-1.9	10.1		7	106	-16	3		
72240 LAKE CHARLES/MUN., LA.	3007N	09313W	10			1020.8	15.0	- .8	13.5		7	144	36	4		
72242 GALVESTON, TX.	2918N	09448W	16			1020.1	17.3	- .6	15.3		4	74	-11	6		
72243 HOUSTON/INTERCONTI- NENTAL,	2958N	09521W	33			1020.1	14.9	-1.2	11.8		6	107	11	4		
72248 SHREVEPORT/REG., LA.	3228N	09347W	79			1020.0	11.7	-2.0	9.7		8	90	-23	3		
72250 BROWNSVILLE/INT., TX.	2555N	09725W	7			1019.1	19.0	-1.4	17.2		5	109	71	6		
72251 CORPUS CHRISTI/INT., TX.	2746N	09730W	13			1019.5	16.9	-1.8	14.2		3	56	16	5		
72253 SAN ANTONIO/INT., TX.	2932N	09828W	242			1019.7	14.3	-1.5	10.7		4	53	-13	3		
72254 AUSTIN/ROBERT MUELLER., TX.	3018N	09742W	189			1020.7	12.6	-3.5	8.9		5	77	17	5		
72255 VICTORIA/VICTORIA REG., TX.	2851N	09655W	36			1020.0	15.4	-1.8	12.7		3	97	35	4		
72256 WACO, MADISON-COOPER, TX.	3137N	09713W	155			1020.4	13.0	-1.3	9.6		6	34	-27	6		
72259 DALLAS-FORT WORTH/FORT., TX.	3254N	09702W	182			1020.0	12.1	-1.3	8.5		4	13	-45	1		
72263 SAN ANGELO/MATHIS, TX.	3122N	10030W	582			1020.9	10.8	-2.2	8.0		4	13	-14	3		
72265 MIDLAND/MIDLAND REG., TX.	3157N	10211W	872			1019.8	9.9	-1.5	7.3		3	12	-5	4		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1020.8	10.5	-2.2	7.7		3	24	-13	3		
72267 LUBBOCK/LUBBOCK INTL, TX.	3339N	10149W	988			1019.6	8.6	-1.3	6.7		4	10	-9	3		
72270 EL PASO/INT., TX.	3148N	10624W	1194			1018.6	11.2	- .1	6.1		0	0	-11	1		
72274 TUCSON/INT., AZ.	3207N	11056W	779			1016.4	16.3	1.2	5.9		1	6	-11	2		
72278 PHOENIX/SKY HARBOR INTL, AZ.	3326N	11201W	337			1016.1	19.4	2.8	6.0		2	11	-5	4		
72290 SAN DIEGO/LINDBERGH, CA.	3244N	11710W	9			1017.7	17.5	.8	11.4		3	8	-28	2		
72295 LOS ANGELES/INT., CA.	3356N	11824W	32			1017.3	17.6	1.2	10.4		5	41	-3	4		
72304 CAPE HATTERAS, NC.	3516N	07533W	3				13.0	- .9			10	127	1	4		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1017.7	9.4	-1.3	9.2		8	90	15	4		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1016.6	10.6	- .8	9.6		8	125	53	5		
72310 COLUMBIA, SC.	3357N	08107W	69			1018.1	11.2	-1.4	9.8		7	71	-2	4		
72312 GREENVILLE/SPATANBURG, SC	3454N	08213W	296			1017.5	9.6	-1.3	9.4		6	112	20	4		
72314 CHARLOTTE/DOUGLAS, NC.	3513N	08056W	234			1017.9	9.1	-2.1	9.0		6	111	29	6		
72315 ASHEVILLE/MUN., NC	3526N	08233W	661			1017.9	7.0	-1.6	8.1		9	107	16	4		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	270			1017.5	9.0	- .7	8.6		6	111	36	5		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210			1019.5	8.8	-1.5	8.5		10	147	30	4		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1018.8	7.8	-1.5	8.7		13	117	22	4		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1019.6	8.0	-2.0	8.4		7	74	-30	3		
72340 NORTH LITTLE ROCK/MUNICIPAL	3450N	09215W	165				9.6				6	49		1		
72344 FORT SMITH/MUN., AR.	3520N	09422W	141			1019.8	9.2	-1.1	7.9		5	31	-70	1		
72351 WICHITA FALLS/SHEPS AFB TX	3358N	09829W	314			1020.0	10.3	-1.0	7.9		2	17	-22	2		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
72365 ALBUQUERQUE/INT., NM.	3503N	10637W	1620			1020.5	7.2	.4	4.1		3	12	2	4		
72386 LAS VEGAS/MCCARRAN, NV.	3605N	11510W	664			1019.2	13.9	1.1	6.5		1	3	-7	3		
72389 FRESNO/AIR TERM., CA.	3646N	11943W	100			1019.8	13.5	1.5	6.4		3	45	11	4		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1017.0	8.7	-1.1	9.0		8	109	29	4		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20			1016.2	8.4	-1.5	9.2		6	110	31	5		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	47			1015.6	6.8	-1.4	8.3		7	96	12	4		
72407 ATLANTIC CITY, NJ.	3927N	07434W	20			1015.2	6.7	-1.0	9.3		10	151	61	5		
72408 PHILADELPHIA/INT., PA.	3953N	07515W	9			1016.1	7.6	-.4	8.4		10	117	33	4		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1016.9	7.9	-.7	7.5		9	108	27	5		
72412 BECKLEY(RALEIGH CTY. MUN), WV.	3747N	08107W	766			1017.8	4.3	-2.0	7.0		14	115	40	5		
72414 CHARLESTON/KANAWHA., WV.	3822N	08136W	299			1017.3	6.5	-1.7	7.3		14	105	14	6		
72421 CINCINNATI/GREATER CIN., OH.	3903N	08440W	267			1017.2	5.1	-1.7	7.1		6	58	-29	2		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301			1018.3	5.8		7.5		6	127		5		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	149			1018.1	7.3	-1.1	8.4		8	61	-33	2		
72425 HUNTINGTON, WV	3823N	08233W	255			1017.5	6.7	-1.4	7.2		11	80	-3	3		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08352W	254			1016.5	5.1	-1.0	7.1		8	76	-5	6		
72429 DAYTON/. COX, OH	3952N	08407E	306			1017.3	4.2	-1.9	6.6		5	78	0	4		
72432 EVANSVILLE/REG., IN.	3803N	08732W	118			1018.7	6.2	-1.7	8.0		7	61	-33	3		
72434 ST. LOUIS/LAMBERT, ST., MO.	3845N	09022W	172			1018.5	6.7	-1.2	6.5		6	29	-54	1		
72438 INDIANAPOLIS/I.-MUN/WEI., IN.	3944N	08616W	246			1017.3	4.6	-1.5	7.4		7	73	-9	3		
72439 SPRINGFIELD/CAPITAL, IL.	3951N	08940W	187			1017.9	4.3	-1.8	6.4		3	13	-51	1		
72445 COLUMBIA/REGIONAL, MO.	3849N	09213W	274			1018.5	5.0	-1.7	6.9		4	23	-51	1		
72476 GRAND JUNCTION/WALKER F., CO.	3907N	10832W	1475			1023.1	3.2	-1.5	4.8		3	21	3	4		
72483 SACRAMENTO/EXECUTIVECA.	3831N	12130W	8			1019.2	12.5	.7	10.6		4	61	-8	4		
72486 ELY/YELLAND, NV.	3917N	11451W	1909			1023.4	1.1	-.1			3	17	0	4		
72488 RENO/INT., NV.	3930N	11947W	1341			1022.2	6.2	1.6	6.5		3	27	5	4		
72494 SAN FRANCISCO/INTL, CA.	3737N	12223W	5			1019.3	14.2	1.5	11.2		3	75	3	4		
72503 NEW YORK/LA GUARDIA, NY.	4046N	07354W	9			1014.3	7.9	-.7	8.2		10	99	3	4		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1013.6	6.0	-.7	7.6		10	142	30	5		
72508 HARTFORD/BRADLEY INTL, CT.	4156N	07241W	55			1013.9	4.6	-.9	7.1		13	127	25	4		
72509 BOSTON/LOGAN INT., MA	4222N	07102W	9			1013.3	6.0	-1.4	7.2		12	128	21	4		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	289			1013.9	4.2	-1.0	6.3		11	67	-10	3		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1015.0	1.9	-1.6	6.2		16	82	-1	3		
72517 ALLENTOWN/A.-BETHLEHEM-, PA.	4039N	07526W	117			1015.4	4.9	-1.3	7.3		9	84	-14	6		
72519 SYRACUSE/HANCOCK, NY.	4307N	07607W	124			1013.7	4.8	.1	7.0		17	90	-4	3		
72520 PITTSBURGH/GREATER PITT., PA.	4030N	08013W	373			1016.2	4.5	-1.2	7.0		10	51	-21	2		
72521 AKRON/AKRON-CANTON REG., OH.	4055N	08126W	377			1015.3	3.8	-1.8	7.1		13	111	35	6		
72525 YOUNGSTOWN, OH.	4116N	08040W	361			1014.9	4.2	-.8	6.9		12	81	2	4		
72528 BUFFALO/GREATER BUFFALO, NY.	4256N	07844W	215			1013.2	4.1	-.6	6.5		15	91	-6	3		
72529 ROCHESTER/R-MONROE CTY., NY.	4307N	07740W	169			1013.3	4.7	.0	6.9		11	79	5	4		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1015.6	3.2	-1.2	5.9		8	26	-48	1		
72532 PEORIA/GREATER PEORIA, IL.	4040N	08941W	202			1017.3	3.6	-1.5	6.3		4	18	-50	1		
72533 FORT WAYNE/MUN., BAER FL., IN.	4100N	08512W	252			1016.6	3.6	-1.6	6.6		8	58	-12	3		
72535 SOUTH BEND/ST. JOSEPH CO., IN.	4142N	08619W	236			1016.0	3.3	-1.6	6.3		10	49	-34	1		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1015.6	4.4	.0	6.6		6	66	-5	3		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1014.8	4.0	-.6	6.5		7	69	2	6		
72544 MOLINE/QUAD CITY, IL.	4127N	09031W	181			1016.7	3.4	-.8	5.8		3	7	-56	0		
72546 DES MOINES/MUN., IA.	4132N	09339W	294			1018.0	2.3	-1.6	5.0		1	6	-39	1		
72556 NORFOLK/KARL STEFAN, NE.	4159N	09726W	473			1018.2	2.4	.1	5.1		1	5	-20	2		

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTE	TOTAL	% OF AV.
	O'	O'	m		mb	mb	O _c	O _c	mb	mb		mm	mm		hr	
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1018.9	1.5	-.9	5.1		2	6	-21	2		
72562 NORTH PLATTE/LEE BIRD, NE.	4108N	10041W	849			1019.9	2.8	.9	4.7			3	-13	0		
72564 CHEYENNE, WY.	4109N	10449W	1872			1019.5	1.4		3.6		3	12		3		
72569 CASPER/NATRONA COUNTY I., WY.	4255N	10628W	1612			1020.9	.6	.0	4.0		3	6	-13	1		
72572 SALT LAKE CITY/INTL, UT.	4047N	11158W	1288			1023.9	3.2	-1.7	5.6		5	16	-16	2		
72576 LANDER/HUNT, WY.	4249N	10844W	1694			1022.1	-1.4	-1.0	3.7		2	12	-8	2		
72578 POCATELLO/NUM., ID.	4255N	11236W	1365			1025.6	.3	-1.7			3	22	-7	3		
72583 WINNEMUCCA/MUN., NV.	4054N	11748W	1322			1023.5	2.9	-.3			3	33	10	5		
72594 EUREKA, CA.	4048N	12410W	18				10.3	-.6			6	68	-95	1		
72597 MEDFORD/MEDFORD- JACKSON COU	4222N	12252W	405			1020.6	7.8		8.3		8	87		4		
72605 CONCORD/MUN., NH.	4312N	07130W	105			1013.5	1.9		6.2		13	134		4		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	19			1013.1	2.7	-1.0	6.3		11	129	-2	2		
72617 BURLINGTON/INTL, VT.	4428N	07309W	104			1013.4	2.2	-.5	5.8		10	80	1	4		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1014.7	2.3	-1.0	6.3		8	61	-23	2		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1014.4	3.4	-.7	6.5		7	30	-50	6		
72637 FLINT/BISHOP, MI.	4258N	08345W	233			1014.6	3.0	-1.1	6.5		7	35	-31	2		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	211			1015.1	3.2	.0	5.7		4	22	-41	1		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1015.6	1.3	-.6	5.2		5	26	-27	2		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1016.5	-.4	-.7	4.7		2	3	-37	1		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08808W	214			1014.6	1.0	-.3	5.2		4	11	-43	6		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1017.2	.5	-.1	4.9		2	2	-25	2		
72654 HURON/HURON REGIONAL, SD.	4423N	09813W	393			1017.3	.7	.5	5.3		01	1	-17	1		
72658 MINNEAPOLIS/ST.PAUL INTL,MN.	4453N	09313W	255			1015.9	.5	-.2	4.5		2	2	-37	1		
72662 RAPID CITY/REGIONAL AIRPORT,	4403N	10303W	965			1018.5	2.9	1.3	4.5		1	1	-13	0		
72666 SHERIDAN/COUNTY, WY.	4446N	10658W	1209			1019.0	2.5	2.2	4.5		2	18	-3	3		
72677 BILLINGS/LOGAN INT., MT.	4548N	10832W	1088			1019.0	4.1	2.4	4.1		01	1	-20	1		
72681 BOISE/MUN., ID.	4334N	11613W	874			1023.8	4.8	.4	6.4		3	22	-15	3		
72688 PENDLETON, OR.	4541N	11851W	456			1021.5	5.0	-.3	6.5		8	14	-26	2		
72698 PORTLAND/INT., OR.	4536N	12236W	12			1019.7	8.7	.9	6.5		10	48	-87	1		
72712 CARIBOU/MUN., ME.	4652N	06801W	190			1011.5	-2.1	-1.4	5.1		10	87	-3	2		
72734 SAULT STE. MARIE, MI.	4628N	08422W	221			1012.4	-.8	-1.4	4.7		8	37	-50	1		
72745 DULUTH/INT., MN.	4650N	09211W	432			1015.1	-3.6	-1.6	3.9		2	9	-36	1		
72747 INT.FALLS/FALLS INT.MN.	4834N	09323W	361			1015.1	-5.0	-1.1	3.7		2	6	-23	1		
72753 FARGO/HECTOR FIELD, ND.	4654N	09648W	274			1016.2	-2.2	.0	4.3			4	-14	1		
72764 BISMARCK/MUN.,ND.	4646N	10045W	506			1016.3	.4	2.3	4.5		2	3	-9	2		
72767 WILLISTON/SLOULIN FIELD, ND.	4811N	10338W	581			1016.7	-1.5	1.2	4.7		2	7	-4	2		
72768 GLASGOW/INTL, MT.	4813N	10637W	700			1017.4	1.1	2.7	4.5			4	-3	1		
72772 HELENA/COUNTY-CITY, MT.	4636N	11200W	1188			1023.8	1.5	1.7	4.4		2	13	1	3		
72773 MISSOULA/JOHNSON-BELL F.,MT.	4655N	11405W	972			1025.6	.6	.4	6.5		1	8	-12	0		
72781 YAKIMA/YAKIMA AIR TERM.,WA.	4634N	12032W	325			1022.6	3.3	-.4	6.5		3	12	-14	2		
72785 SPOKANE/INT.,WA.	4738N	11732W	721			1022.2	2.7	1.0	6.0		11	42	-12	4		
72792 OLYMPIA, WA.	4658N	12254W	61			1018.9	7.1	1.3	6.5		13	101	-103	6		
72797 QUILLAYUTE, WA.	4757N	12433W	62			1017.4	8.9		6.5		14	370		4		
CANADA																
71043 NORMAN WELLS, N.W.T.	6517N	12648W	74			1003.0	1012.6	-11.3	8.4	2.5	2	5	-12	1	19	
71066 HIGH LEVEL, ALTA	5837N	11710W	338			972.1	1014.9	-8.7	4.1	2.6	5	14	-15	2		
71069 SLAVE LAKE, ALTA	5518N	11447W	581			943.9	1015.0	-1.9	4.5	4.2	6	13	-6	2		
71078 LYNN LAKE, MAN.	5652N	10105W	357			968.4	1013.7	-11.7	.8	2.5	5	17	-14	2	53	100

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
71079 THOMPSON WEATHER OFFICE-MAN.	5548N	09751W	204		985.0	1013.6	-11.8	.0	2.5		4	17	-16	1		
71081 HALL BEACH,N.W.T.	6847N	08115W	8		1006.1	1007.2	-16.9	3.9	1.9		8	26	11	5		
71090 CLYDE,N.W.T.	7029N	06831W	26		1006.6	1010.1	-15.1	2.1	1.7		5	10	-10	2		
71095 POND INLET, N.W.T.	7242N	07758W	55		1003.1	1010.8	-20.7		1.1		4	10		2		
71109 PORT HARDY,B.C.	5041N	12722W	22		1012.7	1015.3	7.3	2.1	9.2		17	313	47	4		
71197 PORT-AUX-BASQUES, NFLD.	4734N	05910W	40		1004.2	1009.1	1.7	-1.3	6.0		15	132	-21	2		
71600 SABLE ISLAND,N.S.	4356N	06001W	4		1010.1	1011.2	6.8	-.2	8.5		15	156	10	3		
71603 YARMOUTH, N.S.	4350N	06605W	43		1006.3	1011.6	5.0	.2	7.7		17	250	116	6	78	80
71722 MANIWAKI,QUE.	4623N	07558W	173		987.5	1012.2	-1.6	-.9	5.4		15	86	8	4		
71727 BAGOTVILLE,QUE.	4820N	07100W	159		992.4	1012.2	-4.3	-2.0	4.2		11	85	7	4		
71803 GANDER INT.AIRPORT, NFLD.	4857N	05434W	151		989.4	1008.1	.4	-1.0	5.8		17	194	86	5	55	75
71813 NATASHQUAN,QUE.	5011N	06149W	11		1007.5	1008.8	-3.3	-1.9	3.9		14	93	-25	3		
71816 GOOSE,NFLD.	5319N	06025W	49		1003.3	1009.5	-5.8	-1.8	3.4		10	51	-28	2	86	115
71827 LA GRANDE RIVIERE, QUE	5338N	07742W	195		985.2	1010.0	-8.2		3.2		15	62		3	48	135
71828 SCHEFFERVILLE,QUE.	5448N	06648W	518		945.3	1010.3	-10.6	-1.5	2.8		14	72	4	4		
71842 SIOUX LOOKOUT,ONT.	5007N	09154W	390		965.4	1014.2	-7.1	-1.9	3.2		11	28	-20	1		
71867 THE PAS, MAN.	5358N	10106W	271		980.2	1014.3	-7.5	.2	3.0		2	9	-17	1	68	85
71869 PRINCE ALBERT,SASK.	5313N	10541W	428		962.1	1015.4	-6.3	1.2	3.3		1	2	-14	1		
71887 KAMLOOPS,B.C.	5042N	12027W	346		979.3	1021.9	3.1	1.4	6.3		2	9	-13	1		
71905 KUUVJUARAPIK, QUE.	5517N	07746W	10		1007.2	1008.5	-6.3	-1.3	3.3		13	60	-2	3	48	130
71906 KUUVJUAQ, QUE.	5806N	06825W	37		1004.7	1009.8	-9.2	-.9	2.6		5	30	-17	2		
71907 INUKJUAQ, QUE	5827N	07807W	6		1003.4	1006.7	-8.6	-1.5	2.9		20	44	0	3		
71909 IQALUIT,N.W.T.	6345N	06833W	34		1003.9	1008.3	-11.0	1.7	2.5		6	20	-10	1		
71910 CAPE DORSET, N.W.T.	6413N	07632W	50		998.2	1004.7	-8.9		2.8		14	55		5		
71924 RESOLUTE,N.W.T.	7443N	09459W	67		1005.3	1014.4	-23.0	1.3	.8		2	5	0	3		
71926 BAKER LAKE, N.W.T.	6418N	09605W	18		1007.9	1010.3	-18.6	2.0	1.2		4	11	-8	2	51	
71935 HAY RIVER,N.W.T.	6050N	11547W	166		992.8	1014.0	-8.0	4.4	3.2		5	20	-12	3		
71945 FORT NELSON,B.C.	5850N	12235W	382		966.8	1014.8	-8.4	4.9	3.0		10	41	20	5		
71950 SMITHERS,B.C.	5449N	12711W	523		952.6	1015.8	.2	2.7	5.4		10	84	30	5		
71957 INUVIK,N.W.T.	6818N	13329W	68		1003.8	1012.9	-13.3	8.2	2.2		7	16	-1	3		
71964 WHITEHORSE, Y.T.	6043N	13504W	703		923.9	1009.3	-1.4	8.6	4.0		4	8	-10	1	49	110
MEXICO																
76225 UNIV. DE CHIHUAHUA, CHIHUAHUA	2838N	10605W	1435		861.3	1018.7	12.7		7.2		2	1	0	230		
76256 EMPALME, SON	2755N	11054W	11		1013.2	1014.5	22.9		13.3		2	15	3	282		
76311 CHOIX,SIN.	2643N	10817W	238		985.9	1011.0	22.5		18.4		2	5	1	239		
76342 MONCLOVA,COAH.	2653N	10125W	615		949.3	1020.6	16.4		10.4		7	13	1	208		
76393 MONTERREY,N.L.	2552N	10012W	512		959.7	1018.8	17.3		13.0		6	30	1	182		
76402 CIUDAD CONSTITUCION B.C.S.	2500N	11140W	48		1010.2	1015.8	20.4		15.4		4	58	3	244		
76405 LA PAZ, B.C.S.	2416N	11025W	18		1012.4	1014.5	24.0		19.4		2	11	4	245		
76423 DURANGO, DGO	2402N	10440W	1872		817.0	1015.1	14.4		10.8		5	41	5	241		
76548 TAMPICO, TAMP	2213N	09751W	9		1015.8	1018.8	21.8	-.8	19.6	-1.8	6	178	144	6	150	101
76556 TEPIC,NAY	2131N	10454W	922		912.2	1013.2	20.7		18.1		3	66	3	207		
76577 GUANAJUATO,GTO.	2101N	10115W	1999		806.2	1016.0	15.1	-1.0	13.4	2.3	5	69	54	4	201	80
76634 TULANCINGO, HGO.	2005N	09822W	2181		789.0	1022.9	14.1		10.3		3	33	4	183		
76644 AEROP. INTERNACIONAL MERIDA,	2059N	08939W	9		1014.4	1015.6	25.0	.6	23.5	-.6	5	8	-34	1	225	106
76647 VALLADOLID, YUC.	2042N	08813W	22		1013.3	1016.3	25.0		24.6		2	23	2	223		
76665 MORELIA,MICH.	1942N	10111W	1913		813.2	1015.6	15.9	-.1	11.8	.2	5	50	35	2	183	96
76675 TOLUCA, MEX	1918N	09940W	2720		739.1	1015.9	10.2		9.0		4	31	204			

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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	
76685 PUEBLA, PUE.	1903N	09810W	2179		787.5	1013.7	13.9		10.5		5	164		4	232	
76698 FELIPE CARRILLO PUERTO, Q.RO	1935N	08802W	20		1016.0	1017.2	25.9		25.8		7	55		2	210	
76750 CHETUMAL, Q.ROO	1829N	08818W	9		1014.5	1015.5	25.7		26.1		9	87		4	208	
76805 ACAPULCO, GRO.	1650N	09956W	13		1011.0	1011.3	26.6	- .9	27.6	-2.2	4	0027	-023	6	263	103
76848 COMITAN, CHIS.	1615N	09208W	1530		839.6	1011.0	16.4		14.8		8	16		1	210	
76903 TAPACHULA, CHIS.	1455N	09216W	182		1004.1	1017.6	27.7		27.0		6	130		5	220	
BAHAMAS																
78073 NASSAU AIRPORT	2503N	07728W	7		1016.2	1017.0	25.3	1.5	23.8	.7	9	60	4	3	225	101
JAMAICA																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1014.3	1014.4	28.0		29.7		8	72			248	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1011.8	1013.4	28.5		26.1		3	82		4	268	
DOMINICAN REPUBLIC																
78458 PUERTO PLATA	1945N	07034W	5		1013.6	1014.6	27.2		28.4		6	283				
78486 SANTO DOMINGO	1826N	06953W	14		1012.2	1013.8	27.8	1.8	29.4	3.9	9	156	57	5		
PUERTO RICO AND US POSS																
78526 SAN JUAN/INTL, PUERTO RICO	1826N	06600W	19			1015.0	27.1	.4	30.1		11	67	-83	2		
BELIZE																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5		1015.0	1015.5	26.0	.6	27.1		12	98	-84	2	206	110
HONDURAS																
78708 LA MESA (SAN PEDRO SULA)	1527N	08756W	31		1011.9	1015.1	26.5	1.8	26.3		9				265	
78720 TEGUCIGALPA	1403N	08713W	1007		904.3	1013.9	20.6	.2	18.3	.1	2	10	-29	1	199	100
ST. MAARTEN, ST. EUST., SABA																
78866 JULIANA AIRPORT, ST. MAARTEN	1803N	06307W	9		1015.8	1016.3	27.2	.3	25.3	-2.2	13	125	-5	3	276	120
ST. MARTIN, ST. BARTH., GUAD.																
78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1013.6		26.8	.5	28.8		16	87	-133	1	192	105
MARTINIQUE																
78925 LE LAMENTIN	1436N	06100W	7		1013.4	1014.3	26.8	.5	27.2	-1.3	21	146	-78	1	187	82
BARBADOS																
78954 GRANTLEY ADAMS	1304N	05929W	56		1007.5	1014.0	27.4		29.9		14	81		3	223	65
TRINIDAD AND TOBAGO																
78970 PIARCO INT. AIRPORT, TRINIDAD	1037N	06121W	15		1010.5	1013.0	26.3	.4	29.2	1.0	21	406	179	5	189	96
CURACAO AND BONAIRE																
78988 HATO AIRPORT, CURACAO	1212N	06858W	67		1011.7	1012.6	27.8	.1	28.7	-.7	9	29	-67	1	287	126
COLOMBIA																
80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1012.5	1012.6	28.0	.7	31.3	1.0	15	330	34	0	217	114
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				28.1		30.8		16	195		0	195	105

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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	
S AMERICA																
COLOMBIA																
80009	SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14	1008.8	1009.3	29.5	1.7	29.9	1.3	2	12	-32	4	279	120
80022	CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12	1009.0	1009.2	28.2	.6	32.2	1.9	5	71	-61	4	318	152
80028	BARRANQUILLA/ERNESTOCORTISSO	1053N	07447W	30	1007.9	1009.6	28.4	1.0	31.6	1.7	2	7	-72	5	246	126
80084	APARTADO/LOS CEDROS	0748N	07642W	20			27.3		31.4		14	242		2	128	95
80091	BARRANCABERMEJA/YARIGUIES	0701N	07348W	134			27.8	.5	29.3	.6	13	565	294	2	185	113
80094	BUCARAMANGA/PALONEGRO	0706N	07312W	1189	881.2		21.6		21.4		5	68	-43	3	188	125
80097	CUCUTA/CAMILO DAZA	0756N	07231W	317	975.1	1009.7	27.6	.9	25.8	-.4	3	12	-105	4	215	113
80099	ARAUCA/SANTIAGO PEREZ	0704N	07044W	128	989.2	1003.1	26.4	-.5	28.5	-.3	9	96	5	2	218	104
80112	RIONEGRO/J.M.CORDOVA	0608N	07526W	2142	790.6		16.4		15.1		15	93		1	177	125
80139	PUERTO CARRENO/A.GUAUQUEA	0610N	06730W	55			28.8	.8	27.9	.8	7	129	26	3	207	96
80144	QUIBDO/EL CARANO	0543N	07637W	53			26.7	.7	29.6	.4	21	664	-31	0	107	96
80210	PEREIRA/MATECANA	0449N	07544W	1342	865.0		21.7	.8	20.2	.9	17	196	-82	2	146	94
80214	IBAGUE/PERALES	0426N	07509W	928			23.4	.4	22.9	.0	8	100	-68	4	176	123
80222	BOGOTA/ELDORADO	0442N	07408W	2546	752.3		13.4	.0	12.1	-.6	6	44	-44	3	119	89
80234	VILLAVICENCIO/VANGUARDIA	0410N	07337W	431	959.9	1009.0	25.6	.5	25.2	.0	16	201	-202	1		
80241	LAS GAVIOTAS	0433N	07055W	167	989.7	1008.9	25.6	-.5	27.8	.0	22	413	226	1	175	97
80259	CALI/ALFONSO BONILLAARAGON	0333N	07623W	969	905.3		23.3		22.1		7	61	-36	2	171	110
80315	NEIVA/BENITO SALAS	0258N	07518W	443	957.6	1006.0	27.7	.8	25.2	.0	4	142	-66	3	180	110
80370	IPIALES/SAN LUIS	0049N	07738W	2961			11.1	-.2	11.0	-.1	13	92	-23	1	101	86
80398	LETICIA/VASQUEZ COBO	0433S	06932W	84	1000.9	1010.4	25.8	-.4	29.5	.1	19	404	103	1	160	107
VENEZUELA																
80403	CORO	1125N	06941W	17			28.8	1.2	28.3		1	4	-53	1	300	119
80407	MARACAIBO-LA CHINITA	1034N	07144W	65	1000.9	1008.4	28.6	1.3	27.4		01	1	-70	0		
80410	BARQUISIMETO	1004N	06919W	614			24.2	.3	23.7		8	46	-2	3	249	112
80413	MARACAY - B.A. SUCRE	1015N	06739W	437	962.1	1010.3	26.4	1.8	24.7		7	22	-30	1	266	108
80415	CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48	1004.8	1010.2	28.0	1.3	32.3		2	5	-49	1	249	128
80416	CARACAS/LA CARLOTA	1030N	06653W	835			24.1	2.1	22.5		4	23	-50		228	109
80419	BARCELONA	1007N	06441W	7			27.9	1.2	28.9		7	43	-1	4	231	91
80420	CUMANA	1027N	06411W	4			27.0		23.9		3	7			248	105
80421	PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	19			26.9		31.8		5	24			264	95
80423	GUIRIA	1035N	06219W	14			26.1	-.8	25.4		12	114	17	4	225	104
80425	MENE GRANDE	0949N	07056W	28			28.3	1.6	30.7		5	96	-51	2	210	103
80426	VALERA	0921N	07037W	582			24.7		23.8		3	34			168	110
80427	ACARIGUA	0933N	06914W	225			25.9	.1	25.7		8	64	-47		218	101
80428	GUANARE	0901N	06944W	163			26.2	.3	26.1		10	155	44		218	100
80431	SAN JUAN DE LOS MORROS	0955N	06720W	429			25.7		25.9		10	81			241	110
80432	CARRIZAL	0925N	06655W	161			25.7		26.4		10	90			266	105
80434	VALLE DE LA PASCUA	0913N	06601W	125			27.4		25.5		5	14			239	
80435	MATURIN	0945N	06311W	66			26.0	-.2	24.8		17	134	-1	3	199	91
80437	EL VIGIA	0838N	07139W	103			26.4				12	136			162	
80438	MERIDA	0836N	07111W	1498	850.2	1499 Y	20.1	1.4	16.5		8	60	-135	0	231	117
80440	BARINAS	0837N	07013W	204			27.2		25.5		7	57			229	
80442	CALABOZO	0856N	06725W	101			27.6		26.7		5	53			267	

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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	
80444 CIUDAD BOLIVAR	0809N	06333W	48				27.7	- .2	28.7		10	55	-7	3	240	96
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378				26.6	1.2	18.3		3	24	-88	1	201	110
80448 GUASDUALITO	0714N	07048W	131				25.0	-1.0	23.9		2	50	-55		200	93
80450 SAN FERNANDO DE APURE	0754N	06725W	48				26.8	- .1	28.8		3	36	-8	3	278	107
80453 TUMEREMO	0718N	06127W	181		988.2	1008.8	23.2	-2.1	25.0		13	108	5	3	217	111
80457 PUERTO AYACUCHO	0536N	06730W	74			1011.8	26.2	- .5	19.8		17	156	29	5	214	96
80462 SANTA ELENA DE UAIREN	0436N	06107W	907				22.8	1.3	21.2		12	116	2	3	238	110
80472 VALENCIA	1010N	06756W	431				27.3		27.2		5	34			241	
80475 STO.DOMINGO (B.A.)	0735N	07204W	327				24.1		23.8		13	61			168	105
80479 PALMICHAL	1018N	06814W	1000		900.1		20.6		22.1		9	73			124	
GUYANA																
81001 GEORGETOWN	0648N	05809W	2		1012.0	1012.4	27.3		30.0		16	177		3	210	90
81002 TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1008.5	1012.0	26.7		29.2		15	173		3		
SURINAME																
81225 ZANDERIJ	0527N	05512W	15		1009.7	1011.7	26.3				16	168			210	
FRENCH GUIANA																
81405 CAYENNE/ROCHAMBEAU	0450N	05222W	9		1010.8	1011.6	26.6		28.8		19	167	14	4	204	91
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1010.4	1011.2	26.4		28.7		11	121	-21	3	160	76
81415 MARIPASOULA	0338N	05402W	106		999.7	1011.7	26.3		27.2		16	134	22	4	197	87
BRAZIL																
82024 BOA VISTA	0249N	06039W	90				29.1		27.7		4	30		2		
82098 MACAPA	0002N	05103W	15		1009.8	1011.5	28.8	1.1	31.1		3	17	-41	1	285	113
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90		998.3	1008.1	26.8		30.4		14	268		5	182	
82191 BELEM	0127S	04828W	10		1009.3	1009.9	27.1	.7	30.1		17	176	65	5	195	96
82212 FONTE BOA	0232S	06610W	56		1003.5	1011.7	26.7		26.5		19	244		3	169	
82246 BELTERRA	0238S	05457W	176		1009.2	1011.9	26.8	1.1	28.6		2	55	-22	3	225	111
82280 SAO LUIZ	0232S	04418W	51		1005.4	1011.3	27.6	.6	30.2		0	9999		2	255	105
82287 PARNAIBA	0305S	04147W	22		1005.5	1008.2	28.2	.6	26.9		0	0	-8	3	308	107
82397 FORTALEZA	0346S	03836W	26		1009.9	1013.0	27.2	.0	27.6		6	20	7	4	282	100
82410 BENJAMIN CONSTANT	0423S	07002W	65				26.6		29.9		16	219		3	162	
82425 COARI	0405S	06308W	46		1005.5	1021.0	27.6		31.6		14	167		2	150	
82445 ITAITUBA	0416S	05559W	45		1007.2	1012.4	28.7	1.2	34.3		6	93	-35	2	189	109
82533 MANICORE	0549S	06118W	50		1004.7	1010.4	26.7		37.9		10	106		1	164	
82562 MARABA	0521S	04909W	95		999.2	1010.0	27.8	1.4	28.7		7	66	-86	1	128	115
82571 BARRA DO CORDA	0530S	04516W	153		993.1	1012.6	28.4	1.7	27.0		6	67	-10	4	183	118
82578 TERESINA	0505S	04249W	74		1002.1	1012.1	30.3	1.6	23.3		1	21	-43	1	270	116
82586 QUIXERAMOBIM	0512S	03918W	212		985.4	1008.9	28.5	1.7	22.5		0	0	-7	2	288	111
82598 NATAL	0546S	03512W	45		1008.6	1013.7	26.9		28.7		6	0098		5	271	100
82678 FLORIANO	0646S	04301W	123		992.7	1012.2	30.2	.0	23.4		7	39	-52	1	244	124
82704 CRUZEIRO DO SUL	0738S	07240W	170		986.4	1005.8	25.8		29.8		13	154		2	190	
82723 LABREA	0715S	06450W	60		1002.7	1010.8	26.5		30.3		15	240		2	148	
82765 CAROLINA	0720S	04728W	192		989.9	1013.8	27.4	1.5	28.7		9	83	-83	1	172	121
82784 BARBALHA	0719S	03918W	409		965.6	1011.9	28.4	1.6	18.1		6	0069	0065	5	286	112
82791 PATOS	0701S	03716W	249		983.5	1010.9	29.2		18.4		1	1		2	317	110
82825 PORTO VELHO	0846S	06305W	95		1000.1	1007.0	26.4	.7	29.0		16	192	-15	2	150	77

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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.
82861 CONCEICAO DO ARAGUAIA	0815S	04912W	160		990.3	1007.5	26.6	.8	31.5		10	112	-81	1	184	123
82900 RECIFE (CURADO)	0803S	03455W	7		1013.2	1014.1	25.9	.0	25.3		10	88	41	5	201	76
82915 RIO BRANCO	0958S	06748W	136		992.5	1010.7	25.9	.2	29.1		10	127	-79	1	152	118
82983 PETROLINA	0923S	04029W	370		969.9	1010.8	29.3	1.1	18.8		3	12	-38	1	287	113
83064 PORTO NACIONAL	1031S	04843W	250		983.3	1010.0	27.7	1.5	26.5		10	173	-45	2	273	165
83096 ARACAJU	1055S	03703W	6		1013.6	1014.3	26.5	.4	26.5		9	23	-23	3	272	104
83186 JACOBINA	1111S	04028W	484		958.8	1011.7	26.5	1.2	19.9		5	27	-59	2	244	126
83229 SALVADOR	1301S	03831W	51		1009.1	1015.0	26.5	1.0	27.1		7	25	-93	1	238	112
83235 TAGUATINGA	1216S	04626W	660		943.7	1009.6	27.2	2.7	22.3		14	99	-142	1	202	138
83236 BARREIRAS	1209S	04500W	440		961.0	1009.2	27.0	1.7	19.6		6	69	-106	1	260	138
83242 LENCOIS	1234S	04123W	438		963.7	1012.6	25.5	1.2	20.0		6	183	28	4	208	148
83264 VERA (GLEBA CELESTE)	1212S	05630W	415				26.7	1.9	27.2		14	165	-98	1	172	150
83288 BOM JESUS DA LAPA	1316S	04325W	440		961.2	1009.5	27.6	1.6	22.1		7	76	-65	1	255	134
83332 POSSE	1406S	04622W	950		921.8	1013.5	25.8	2.3	21.3		12	114	-109	1	194	142
83344 VITORIA DA CONQUISTA	1457S	04053W	893		917.7	1013.5	21.3	.1	20.0		3	69	-55	2	198	134
83361 CUIABA	1533S	05607W	179		992.9	1012.7	28.7	1.5	28.0		7	97	-57	2	219	112
83377 BRASILIA	1547S	04756W	1158		886.4	1011.0	22.5	.8	18.5		11	175	-63	2	168	118
83423 GOIANIA	1641S	04917W	729		929.7	1011.0	25.5	1.5	22.5		13	150	-70	1		
83437 MONTES CLAROS	1643S	04352W	646		940.4	1011.5	24.5	1.1	20.3		8	148	-63	2	212	132
83492 TEOFILLO OTONI	1751S	04130W	356		973.8	1011.9	24.9	1.3	23.3		8	196	16	4	161	118
83498 CARAVELAS	1744S	03915W	3		1015.1	1015.6	25.4	.3	25.1		5	120	-56	1	192	80
83552 CORUMBA	1900S	05739W	130				29.3	2.3			6	70	-74	2		
83579 ARAXA	1934S	04656W	1004			1011.5	22.6	1.3	19.8		14	123	-85	1	165	94
83587 BELO HORIZONTE	1950S	04356W	850		912.6	1011.8	23.3	1.1	19.3		16	245	18	3	202	112
83618 TRES LAGOAS	2047S	05138W	313								12	149	14	3		
83648 VITORIA	2019S	04020W	36		1010.6	1014.7	25.8	1.4	24.8		9	114	-56	2	193	
83676 CATANDUVA	2108S	04858W	536		949.8	1011.9	25.7	1.1	22.0		10	70	-63	1		
83698 CAMPOS	2145S	04120W	11		1012.2	1013.6	26.0		25.2		6	77		1		
83702 PONTA PORA	2232S	05544W	650		936.7	1012.1	23.9	1.1	20.3		12	193	-19	3	222	100
83766 LONDRINA	2323S	05111W	566		948.8	1012.9	23.6	1.5	22.1		14	268	113	5	180	93
83781 SAO PAULO	2330S	04637W	792		924.7	1012.9	22.0	1.7	19.5		15	226	81	5	174	121
83836 IRATI	2528S	05038W	837		914.9	1011.2	19.6		16.5		13	266		5	154	
83842 CURITIBA	2526S	04916W	923		912.5	1014.9	19.8	1.6	18.9		15	173	50	5	150	99
83881 IRAI	2711S	05314W	247		983.3	1012.9	22.7	.6	21.5		12	205	43	4	160	74
83897 FLORIANOPOLIS	2735S	04834W	2		1012.9	1013.1	23.1	1.6	22.9		14	134	5	3	183	106
83967 PORTO ALEGRE	3001S	05113W	47		1008.0	1013.6	22.3	1.0	20.8		11	18	-86	4	204	94
83980 BAGE	3120S	05406W	217		984.3	1012.1	20.4	.3	19.2		9	155	43	4	200	91
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1010.4	1014.7	19.5	1.3	17.9		8	72	-23	3	205	86
PERU																
84370 TUMBES	0333S	08024W	27		1007.4	1010.3	25.3		24.7		0	0		3		
84377 IQUITOS	0345S	07315W	126		1007.4	1010.3	25.8		27.6		17	458	198	6		
84401 PIURA	0511S	08036W	55		1008.5	1015.4	24.4		20.9		1	4	3	5		
84425 YURIMAGUAS	0554S	07605W	184		992.9	1014.1	27.2		28.1		16	207	2	4		
84452 CHICLAYO	0647S	07950W	34		1011.4	1014.5	22.0		19.5		2	10	9	6		
84455 TARAPOTO	0627S	07623W	282		981.5	1016.5	27.6		28.0		6	79	-17	3		
84501 TRUJILLO	0806S	07902W	30		1010.2	1014.2	19.8		18.2		1	2	2	5		
84515 PUCALLPA	0825S	07436W	149		992.9	1010.5	26.8		27.8		8	118		2		
84628 LIMA-CALLAO/AEROP. INTERNACI	1200S	07707W	13		1011.9	1013.5	18.3		18.3		0	0	-1	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	°C	°C	mb	mb		mm	mm		hr	
84686 CUZCO	1333S	07159W	3249		687.7		13.0		9.0		4	111	33	5		
84691 PISCO	1345S	07617W	7		1011.0	1011.7	19.2		18.3		0	0	-1	5		
84735 JULIACA	1529S	07009W	3826		644.2		12.9		10.6		13	59	4	4		
84752 AREQUIPA	1619S	07133W	2539		752.9		16.0		7.3		0	0	-1	4		
84782 TACNA	1804S	07018W	469		963.7	1016.4	19.0		14.0		0	0	-1	5		
BOLIVIA																
85033 GUAYARAMERIN	1049S	06521W	130		994.0	1009.5	27.2		19.5		9	99		1		
85041 COBIJA	1102S	06847W	235		982.9	1014.9	26.7		19.5		6	110		1		
85043 RIBERALTA	1100S	06607W	141		992.8	1008.8	27.7		19.9		9	109		2		
85109 SAN RAMON	1318S	06442W	140		992.4	1008.4	27.5		19.4		5	34				
85114 MAGDALENA	1320S	06407W	141		958.1	1009.0	27.7		19.9		10	72		2		
85123 SANTA ANA	1346S	06526W	144		992.8	1009.3	27.8		18.6		5	114		1		
85140 REYES	1419S	06723W	140		992.5	1008.2	27.9		19.3		4	46		0		
85141 RURRENABAQUE	1428S	06734W	204		989.6	1012.4	27.2		19.8		5	41		1		
85151 APOLO	1444S	06830W	1415		857.5		20.7		12.3		7	75		1		
85152 SAN BORJA	1452S	06652W	194		987.2	1009.9	27.6		18.1		4	32		0		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		993.4	1012.1	27.2		18.4		7	135		2		
85154 TRINIDAD	1449S	06455W	155		991.7	1009.3	27.4		18.7		6	121		1		
85175 ASCENSION DE GUARAYOS	1543S	06306W	247		981.5	1009.6	28.3		16.9		8	53		1		
85195 SAN JAVIER	1616S	06228W	534		950.4	1010.8	26.9		16.6		3	47		1		
85196 CONCEPCION	1609S	06201W	497		953.8	1009.9	26.9		16.0		5	64		1		
85201 LA PAZ/ALTO	1631S	06811W	4038		629.1		9.2		4.8		6	35		2		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		963.5	1010.0	27.2		16.9		5	44		1		
85210 SAN MATIAS	1620S	05823W	124			1010.2	29.6		18.8		5	96				
85223 COCHABAMBA	1725S	06611W	2548		747.4		20.1		7.9		8	28		2		
85230 CHARANA	1735S	06936W	4054		628.1		9.4		3.3		2	26		4		
85242 URURO	1758S	06704W	3072		653.5		11.9		4.2		6	29		3		
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		960.3	1009.0	26.5		16.2		8	127		3		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		991.3	1010.4	28.6		16.8		4	83		3		
85264 VALLEGRANDE	1828S	06406W	1998		873.0		17.7		10.2		5	26				
85268 ROBORE	1819S	05946W	276		978.9	1010.2	29.3		18.1		6	63		2		
85283 SUCRE	1901S	06518W	2904		718.8		16.5		7.9		7	58		2		
85289 PUERTO SUAREZ	1859S	05749W	134		990.6	1008.1	29.9		18.2		3	35		1		
85315 CAMIRI	2000S	06332W	798		919.3	1008.3	25.7		13.0		6	38		2		
85345 VILLAMONTES	2115S	06327W	398		939.3	1010.1					2	39				
85364 TARIJA	2133S	06442W	1854		810.9		20.6		10.5		6	66		2		
85365 YACUIBA	2157S	06339W	645		937.3	1010.3	24.9		15.2		5	44		1		
CHILE																
85406 ARICA	1821S	07020W	55		1010.3	1014.8	19.3		15.1	-0.8	0	0	0	5	225	100
85418 IQUIQUE	2032S	07011W	48		1009.2	1014.9	18.3	-0.1	13.7	-1.5	0	0	0	5	261	95
85442 ANTOFAGASTA	2326S	07027W	140		998.5	1015.3	16.9	0	13.7	-0.8	0	0	-1	4	282	100
85469 ISLA DE PASCUA	2710S	10926W	69		1012.6	1020.8	21.0		18.7		14	278		5	198	90
85470 COPIAPO	2718S	07025W	290		979.1	1012.9	16.3	-0.1	13.3	-0.1	0	0	0	5	285	100
85488 LA SERENA	2955S	07112W	146		999.9	1015.7	14.2	-0.1	12.8	-0.4	0	0	-1	3	216	105
85574 PUDAHUEL	3323S	07047W	474		960.2	1015.0	16.2		10.7		0	T		1	305	100
85577 SANTIAGO QUINTA NORMAL	3326S	07041W	520		955.1	1014.5	17.2		11.7		0	T		1	278	105
85585 ISLA JUAN FERNANDEZ	3337S	07849W	30		1016.8	1020.5	14.4		12.1		4	14		2	208	120

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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	
85629 CURICO	3458S	07113W	220								2	3	-20	2	272	105
85672 CHILLAN	3635S	07202W	148		998.9	1013.6	14.4	-.5	12.3	.3	6	48	8	4	257	85
85682 CONCEPCION	3646S	07304W	13		1017.0	1018.0	13.4	-.1	11.6	-.2	9	51	10	4	269	90
85743 TEMUCO	3846S	07238W	93		1006.9	1018.1	12.4	-.3	10.6	-.9	10	115	56	5	211	95
85766 VALDIVIA	3938S	07305W	19								12	168	95	5	208	80
85782 OSORNO	4036S	07303W	58								14	142	84	5		
85799 PUERTO MONTT	4126S	07306W	90		1005.9	1016.8	11.0	-.6	10.8	-.3	17	170	159	5	136	80
85864 COYHAIQUE	4536S	07206W	311		973.3	1010.2	9.4	-1.6	8.3	-.4	9	109	53	5	233	
85874 BALMACEDA	4555S	07142W	522		948.3	1009.1	7.7	-1.5	6.9	-.4	6	55	27	5	280	95
85934 PUNTA ARENAS	5300S	07051W	43		994.7	1000.8	7.6	-.6	6.8	-.7	5	48	17	4	208	100
URUGUAY																
86330 ARTIGAS	3023S	05630W	120		996.2	1010.3	21.6	.2	19.9	3.4	8	435	308	6	225	87
86350 RIVERA	3053S	05532W	241		983.8	1011.6	21.0		18.2		8	272		5	201	80
86360 SALTO	3123S	05757W	33		1005.7	1010.7	21.8	1.1	18.8	2.5	10	319	190	5	250	99
86430 PAYSANDU	3220S	05802W	61		1004.7	1011.8	21.3		18.2		9	252		5	233	125
86440 MELO	3222S	05413W	100		999.3	1011.2	20.4	1.5	18.1	1.8	10	221	118	5	235	100
86460 PASO DE LOS TOROS	3248S	05631W	75		1001.9	1010.8	21.0	1.0	17.7	1.4	9	217	109	5	252	105
86490 MERCEDES	3315S	05804W	17		1008.7	1010.8	20.9	1.1	17.3	2.5	8	122	31	4	231	91
86500 TREINTA Y TRES	3313S	05423W	46		1005.9	1011.4	20.4	1.7	17.5	2.1	7	107	3	4	221	98
86560 COLONIA	3427S	05750W	23		1007.4	1009.7	20.6	1.1	17.5	1.3	4	178	70	5	242	101
86565 ROCHA	3429S	05418W	18		1009.5	1011.8	18.9	1.3	16.4	.0	9	98	15	3	216	93
86580 CARRASCO	3450S	05600W	32		1007.3	1011.0	19.2	.9	15.7	.9	11	144	50	3	239	96
ARGENTINA																
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3459		672.2	3116 Z	14.3	2.3	6.6	-.5	4	15	-15	2	308	
87016 ORAN AERO	2309S	06419W	357		965.8	1005.7	25.3	.5	21.9	.8	3	0109	0017	4	179	103
87022 TARTAGAL AERO	2239S	06349W	450		956.8	1006.5	25.9		20.8		4	100			232	
87046 JUJUY AERO	2423S	06505W	905		907.8	1476 Y	23.7		17.3		2	18		1	239	110
87047 SALTA AERO	2451S	06529W	1221		876.4	1484 Y	21.0	.7	14.3	-1.0	5	63	-2	4	234	137
87078 LAS LOMITAS	2442S	06035W	130		993.1	1007.8	27.4	1.3	23.2	3.7	5	0058	-049	2	243	93
87097 IGUAZU AERO	2544S	05428W	270		980.3	1011.5	23.1		22.5		13	0299		5	155	
87121 TUCUMAN AERO	2651S	06506W	450		957.6	1007.6	24.0		28.6		8	112			227	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		985.8	1008.3	24.7	.0	14.5	-3.2	3	40	-27	1	246	115
87155 RESISTENCIA AERO.	2727S	05903W	52		1003.3	1009.2	23.8		22.4		12	176		4	172	80
87162 FORMOSA AERO	2612S	05814W	60		1000.9	1007.7	25.1	.6	23.6	2.1	8	115	-56	2	252	99
87163 B.DE IRIGOYEN AERO	2615S	05309W	815		921.1	1504 Y	19.5		19.3		10	370			218	
87166 CORRIENTES AERO.	2727S	05846W	62		1002.9	1010.0	24.1	.5	22.9	2.8	11	235	90	5	252	97
87178 POSADAS AERO.	2722S	05558W	125		995.7	1009.9	24.1	.4	21.3	1.4	10	152	-4	3	176	
87217 LA RIOJA AERO.	2923S	06649W	429		958.4	1006.2	25.7	.3	16.7	.8	3	50	7	4	263	104
87222 CATAMARCA AERO.	2836S	06546W	454		954.2	1004.3	26.1		15.4		1	22		3	274	90
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		991.1	1008.6			18.9	1.8	7	0103	0008	2		
87257 CERES AERO	2953S	06157W	88		999.5	1009.6	22.4	-.1	20.3	2.4	8	275	171	5	266	100
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1002.4	1010.5	22.2	-.1	20.5	2.2	8	346	203	5	197	97
87320 CHAMICAL AERO	3022S	06617W	461				24.9	.9	15.5	1.5	3	48	-9	3	297	
87328 VILLA DOLORES AERO	3157S	06508W	569		944.4				14.8	1.5	1	11	-55	1	304	115
87344 CORDOBA AERO	3119S	06413W	474		956.1	1009.3	21.9	1.1	16.6	1.4	7	281	174	5	288	120
87349 PILAR OBSERVATORIO	3140S	06353W	338		969.9	1010.0	21.7	1.2	16.0	1.3	7	246	152	5	286	107
87374 PARANA AERO	3147S	06029W	78		1001.8	1010.8	21.7	.8	18.3	1.7	6	178	63	5	267	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	
87393 MONTE CASEROS AERO	3016S	05739W	54		1004.7	1010.9	22.3	.3	20.2	2.2	10	281	136	5	218	84
87395 CONCORDIA AERO	3118S	05801W	38		1006.5	1010.9	21.8	.4	19.2	2.1	10	348	208	5	196	
87418 MENDOZA AERO	3250S	06847W	704		930.0	1007.7	22.4	.7	10.6	- .7	1	5	-10	0	332	113
87436 SAN LUIS AERO	3316S	06621W	713			1017.4	22.8	1.4	11.1	- .5	5	74	-3	3	334	111
87448 VILLA REYNOLDS AERO	3344S	06523W	486			1009.6	20.7	.8	14.3	.8	8	43	-38	1	284	106
87453 RIO CUARTO AERO	3307S	06414W	420		961.7	1009.4	20.4	.5	13.3	- .4	8	227	106	5	285	
87467 MARCOS JUAREZ AERO	3242S	06209W	114		997.1	1010.3	21.8	1.3	16.7	.5	6	127	28	3	272	111
87480 ROSARIO AERO	3255S	06047W	25		1007.3	1010.2	21.7	1.4	17.9	1.5	9	138	40	4	282	104
87497 GUALEGUAYCHU AERO	3300S	05837W	21		1009.4	1011.0	21.3	1.0	17.2	1.0	10	172	71	5	246	100
87506 MALARGUE AERO	3530S	06935W	1425		856.3	1488 Y	16.0	.4	4.3	-3.4	0	T	-22	1	341	
87534 LABOULAYE	3408S	06322W	137		994.8	1010.7	20.1	.2	16.2	1.6	6	60	-47	2	289	105
87544 PEHUAJO AERO	3552S	06154W	87		1001.1	1011.3	18.3	- .3	15.5	.2	10	144	37	1	317	120
87548 JUNIN AERO	3433S	06057W	81		1002.9	1010.5	20.1	1.1	16.8	1.8	10	145	36	4	259	99
87550 NUEVE DE JULIO	3527S	06053W	76		1001.6	1010.5	19.4	- .1	16.1	.4	9	140	37	4		
87563 LAS FLORES AERO	3604S	05906W	38		1006.3	1010.5	19.1		19.5		11	196		5	253	
87576 EZEIZA AERO	3449S	05832W	20		1009.0	1011.3	20.6	1.6	16.7	1.6	12	190	92	5	218	
87582 AEROPARQUE BS. AS. AERO	3434S	05825W	6		1010.7	1011.4	20.9	.8	17.6	1.2	11	107	3	3		
87585 BUENOS AIRES OBSERVATORIO	3435S	05829W	25		1008.6	1011.5	21.3	1.0	17.2	1.6	11	116	8	3	241	96
87593 LA PLATA AERO	3458S	05754W	19		1008.7	1011.4	19.2	.9	18.1	2.3	8	98	5	0	251	112
87596 PUNTA INDIO B.A.	3522S	05717W	22		1008.9	1011.6	19.1	.8	17.9	1.7	9	82	-16	3	244	97
87623 SANTA ROSA AERO	3634S	06416W	191		988.8	1010.9	19.3	.0	12.4	-1.1	5	37	-64	1	298	109
87641 AZUL AERO	3650S	05953W	147		994.1	1011.3	17.2		15.2		9	182		5	255	100
87648 DOLORES AERO	3621S	05744W	9		1010.3	1011.5	18.5	1.1	16.6	1.4	9	134	48	5	158	67
87679 FIGUE AERO	3736S	06223W	304		975.2	1011.4	17.9	1.4	12.8	.1	9	186	94	5		
87688 TRES ARROYOS	3820S	06015W	115		997.2	1010.7	17.3		13.6		7	214		6	251	95
87692 MAR DEL PLATA AERO	3756S	05735W	21		1009.1	1011.6	16.4	.5	14.4	.4	8	72	-3	4	169	
87715 NEUQUEN AERO	3857S	06808W	271		980.3	1011.0	19.1	- .2	7.7	- .4		30	21	2	329	117
87736 RIO COLORADO	3901S	06405W	79		1001.6	1010.1	20.9		12.7		0	T			288	
87750 BAHIA BLANCA AERO	3844S	06210W	83		1001.0	1010.7	18.5	.1	12.9	1.0	6	126	65	5	276	105
87765 BARILLOCHE AERO	4109S	07110W	840		918.0	1474 Y	9.5	-1.1	7.2	- .7	7	0088	0064	6	280	91
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1007.7	1010.1	18.6	- .2	8.7	-1.4	2	11	-7	1	257	
87800 EL BOLSON AERO	4158S	07131W	337		972.9	1012.3	12.9		9.2		11	122			187	
87814 PASO DE INDIOS	4349S	06853W	460				14.6		7.7		0	0		1		
87823 P.MADRYN AERO	4244S	06504W	136		992.7	1008.8	15.9		8.9		3	7			260	
87828 TRELEW AERO	4312S	06516W	43		1004.3	1009.4	16.0	-1.2	7.7	.3	4	14	0	3	272	95
87852 PERITO MORENO AERO	4631S	07101W	429		955.7	1006.0	9.4		6.8		3	10		1	235	
87860 COMODORO RIVADAVIA AERO	4547S	06730W	46		1001.5	1006.9	14.4	-1.5	6.6	- .5	3	21	11	5	251	107
87880 GOBERNADOR GREGORES AERO	4847S	07010W	357		960.1	1003.1	11.7		5.8		5	17			221	
87909 SAN JULIAN AERO	4919S	06745W	62		964.7	971.9	10.4		7.7		10	33		5	211	
87925 RIO GALLEGOS AERO	5137S	06917W	19		993.5	999.6	9.5	-1.6	6.9	.0	6	25	4	4	235	
87938 USHUAIA AERO	5448S	06819W	14		990.1	997.0	6.5	-1.3	7.2	- .3	7	30	-4	1	183	
ANTARCTICA																
ARGENTINA (ANTARCTIC)																
88968 BASE ORCADAS	6045S	04443W	4		989.0	990.5	-1.2	.1	4.7		8	61	17	4	33	55
89053 BASE JUBANY	6214S	05838W	4		989.2	991.1	-1.1									
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	198		965.3	982.4	-4.8		3.9		2	17			76	

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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	
89066 BASE SAN MARTIN	6808S	06708W	4		988.7	989.6	-1.4		4.3		11	107			159	
UNITED KINGDOM (ANTARCTIC)																
89022 HALLEY	7530S	02639W	30		984.9	988.8	-13.7		1.8						204	70
UKRAINE (ANTARCTIC)																
89063 VERNADSKY	6515S	06416W	11		988.3	989.7	-1.9		4.5						106	110
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		988.3	990.2	-1.7		4.8		8	27			85	
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		972.5	987.4	-7.5		1.6		1	6			42	
89592 MIRNYJ	6633S	09301E	30		978.2	983.7	-6.7		2.6		3	8				
GERMANY (ANTARCTIC)																
89002 NEUMAYER	7040S	00815W	50		985.0	990.2	-13.4		1.9						289	140
URUGUAY (ANTARCTIC)																
89054 DINAMET-URUGUAY	6211S	05851W	17		987.8	988.8	-1.2		5.1		5	17			66	
CHILE (ANTARCTIC)																
89056 CENTRO MET. ANTARTICO'' PDTE. ED	6211S	05859W	48		984.7	990.1	-1.7		4.8		11	26		3	51	70
89057 BASE ARTURO PRAT	6230S	05941W	5		989.9	990.5	-1.5		4.6		10	59		3	65	
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		988.5	989.7	-1.9		4.6		6	21		1	76	
JAPAN (ANTARCTIC)																
89532 SYOWA	6900S	03935E	21		991.3	994.0	-11.0		1.8						256	
AUSTRALIA (ANTARCTIC)																
89564 MAWSON	6736S	06252E	16		985.3	987.3	-6.0		1.8						267	105
89571 DAVIS	6834S	07757E	13		983.1	986.1	-4.3		2.3		01	1	0	3	296	130
USSR (ANTARCTIC)																
89606 VOSTOK	7827S	10652E	3490		623.5		-43.7		.1		0	0			712	
AUSTRALIA (ANTARCTIC)																
89611 CASEY	6617S	11031E	42		976.4	981.7	-4.2		3.3		6	17			141	45
FRANCE (ANTARCTIC)																
89642 DUMONT D'URVILLE	6640S	14001E	43		982.4	987.8	-6.8		1.9						321	90
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48601 PENANG/BAYAN LEPAS	0518N	10016E	4		1009.8	1010.1	27.8	1.3	30.0	.7	11	199	-32	3		
48615 KOTA BHARU	0610N	10217E	5		1010.1	1010.7	26.7	.8	30.7	2.4	20	697	41	3		
48647 KUALA LUMPUR/SUBANG	0307N	10133E	22		1007.5	1009.9	27.3	1.2	30.0	.8	22	428	153	5		
48657 KUANTAN	0337N	10313E	16		1008.5	1010.2	26.9	1.6	31.1	2.1	16	218	-125	2		
48665 MALACCA	0216N	10215E	9		1008.9	1009.9	26.9	.8	30.1	.6	14	216	-15	3		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% OF AV.
	°	°	m		mb	mb	°C	°C	mb	mb		mm	mm		hr	
48674 MERSING	0227N	10350E	45		1005.5	1010.4	26.5		30.1		16	175		1		
SINGAPORE																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10359E	16		1008.2	1010.1	27.4	1.1	31.1	1.7	14	307	55	4	139	108
USA (PACIFIC OCEAN NORTH)																
91165 LIHUE, KAUAI, HAWAII	2159N	15921W	45			1016.1	23.9	- .3	22.7		13	64	-74	2		
91182 HONOLULU, OAHU, HAWAII	2121N	15756W	5			1015.8	25.3	.2	22.8		3	9	-67	2		
91285 HILO/GEN. LYMAN, HAWAII,	1943N	15504W	11			1016.0	23.7	.3	22.6		10	73	-295	0		
91334 TRUK, CAROLINE IS.	0728N	15151E	2			1008.4	28.4	.7	31.7		20	200	-81	2		
91348 PONAPE, CAROLINE ISLANDS.	0658N	15813E	46			1009.1	27.4	.3	30.4		21	366	-33	2		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16744E	8			1008.8	28.6	.8	31.7		12	97	-173	6		
91376 MAJURO/MARSHALL IS. INTL	0705N	17123E	3			1008.2	28.5	1.2	30.6		13	225	-100	1		
91408 KOROR, PALAU IS.	0720N	13429E	33			1009.0	28.3	.4	30.7		19	329	42	4		
91413 YAP, CAROLINE IS.	0929N	13805E	16			1008.9	28.2	.9	32.5		20	158	-72	2		
NEW CALEDONIA																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	18		1012.1	1014.1	23.8	- .2	19.7		0	0	-63	0	230	92
91592 NOUMEA (NLLE-CALEDONIE)	2216S	16627E	72		1007.1	1015.4	22.8	- .6	19.0		3	14	-48	1	267	107
TUVALU (NEW ZEALAND)																
91643 FUNAFUTI	0831S	17913E	2		1007.8	1008.0	29.0		33.3		22	219		1	184	105
FIJI																
91650 ROTUMA	1230S	17703E	26			1008.7	27.8		31.9		26	312		3	142	70
91680 NANDI	1745S	17727E	25			1010.5	25.9	- .3	25.5		15	131	-8	3	153	69
91683 NAUSORI	1803S	17834E	7			1011.6	24.7		26.1		15	224		3		
91699 ONO-I-LAU	2040S	17843W	28			1012.8	24.1		22.1		4	81		3		
SAMOA (USA)																
91765 PAGO PAGO/INT. AIRPORT	1420S	17043W	3			1008.9	29.1		31.9		25	308		4		
COOK ISLANDS (NEW ZEALAND)																
91843 RAROTONGA	2112S	15949W	7		1013.0	1013.8	25.6		26.9		11	205		4	143	
FRENCH POLY. (MARQUESAS)																
91925 ATUONA	0948S	13902W	52		1004.8	1010.6	26.4		26.3		9	45	-24	2	234	96
FRENCH POLY. (SOCIETY IS)																
91929 BORA-BORA	1626S	15145W	3		1011.1	1011.5	28.8		29.1		5	27		0	176	
91938 TAHITI-FAAA	1733S	14937W	2		1011.6	1011.9	27.7		27.7		8	50	-112	1	261	125
FRENCH POLY. (TUAMOTU IS)																
91943 TAKAROA	1429S	14502W	3		1011.2	1011.5	28.3		28.6		12	91	-114	1	269	115
91948 RIKITEA	2308S	13458W	89		1005.6	1015.7	23.9		23.0		11	84	-171	0	198	111
FRENCH POLY. (AUSTRAL IS)																
91954 TUBUAI	2321S	14929W	3		1014.1	1014.3	24.1		24.6		14	116	-5	3	197	101
91958 RAPA	2737S	14420W	2		1016.1	1016.4	20.9		20.4		5	46		1	112	75

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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	
PAPUA NEW GUINEA																
92001	0605S	14111E	35		1004.4	1008.4			29.8		14	268			206	
92003	0905S	14312E	9		1009.0	1010.0			28.9		10	40			249	
92004	0335S	14340E	4		1008.0	1008.4			31.1		11	189			173	
92035	0923S	14713E	58		1005.0	1010.8					4	32		2	207	85
92044	0204S	14726E	5		1007.7	1008.3			30.5		19	355		5	172	115
92047	0634S	14643E	70		999.8	1007.7			29.0		11	105		0	218	150
92076	0234S	15049E	4		1008.1	1008.6			30.3		15	161				
92077	1019S	15020E	23		1007.6	1010.3	30.2		29.5		19	224			136	
92087	1041S	15250E	7		1008.8	1009.6			31.1		19	435			169	
NEW ZEALAND																
93012	3506S	17316E	54				14.9		13.8		9	53	-48	1	222	115
93292	3839S	17759E	5			1012.0	14.6	-1.2	10.7		6	48	-8	2		
93309	3901S	17411E	32			1013.7	13.3		12.8		14	68		1		
93417	4054S	17459E	12			1012.1	12.7	-1.4	12.5							
93615	4243S	17059E	40			1011.9	12.1		11.5							
93678	4225S	17342E	101			1009.9	12.8		9.8		8	68		3		
93780	4329S	17233E	30			1009.6	12.5		10.3		8	88		5	207	95
93844	4625S	16819E	4			1008.9	11.0	-0.4	10.6							
93947	5233S	16909E	19			1003.3	7.6		8.3		15	79		1		
93987	4357S	17634W	49			1007.7	11.6		11.5		12	58		2		
93994	2915S	17755W	49			1015.4	18.1		14.8		11	67		3		
AUSTRALIA																
94120	1225S	13053E	31		1005.9	1009.8	29.3		27.9		9	183	52	5	266	104
94150	1217S	13649E	54		1004.1	1010.1	27.5		26.8		1	10		3	317	110
94203	1757S	12214E	7		1008.2	1009.2	29.6		27.6		0	0	-8	1	326	
94212	1814S	12740E	424		962.0	1008.4	31.6		17.3		4	72	37	5		
94238	1938S	13411E	375		967.9	1009.5	31.3		13.4		4	29	-3	3	278	96
94287	1653S	14545E	3		1012.7	1013.6	26.0		21.3		5	17	-83	1	297	121
94294	1915S	14645E	9		1013.5	1014.5	26.1		20.7		01	1	-53	1	350	125
94299	1618S	14959E	6		1011.8	1012.8	26.5		25.2		5	27	-4	4		
94312	2022S	11838E	9		1008.4	1009.3	29.0		21.6		0	0	-1	1		
94326	2348S	13353E	546		951.4	1012.2	26.4		12.0		8	130	103	6	282	93
94332	2041S	13929E	340		972.3	1010.2	31.0		10.7		1	6	-18	2	318	107
94346	2326S	14417E	192		990.9	1012.6	29.9		9.1		0	0	-25	0		
94367	2107S	14913E	30		1012.1	1015.8	24.7		20.2		1	6	-82	1	316	115
94374	2323S	15029E	14		1015.0	1016.8	24.4		17.8		2	18	-59	1		
94403	2848S	11442E	33		1011.1	1015.2	20.0		14.2		1	3	-9	2		
94430	2637S	11833E	517		953.0	1010.7	28.0		7.8		3	9	-4	4		
94461	2502S	12817E	598		945.0	1010.9	27.8		9.1		3	16	-6	4	248	80
94610	3156S	11559E	31		1014.0	1016.5	19.9		12.1		1	25	3	4	357	
94647	3141S	12853E	102		1004.6	1016.6	18.4		12.8		2	47		5		
94653	3208S	13342E	16		1015.1	1016.9	19.5		11.2		2	6	-12	2	270	96
94693	3414S	14205E	52		1010.4	1016.6	21.5		8.9		4	20	-1	3	297	95
94711	3129S	14550E	264		984.9	1015.1	26.4		7.3		01	1	-30	1	318	102
94767	3356S	15110E	5		1016.9	1017.5	20.8		16.0		3	20	-81	1	230	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	hr		
94776 WILLIAMTOWN AERODROME	3248S	15150E	8		1016.2	1017.2	20.9		15.5		4	38	-38	2	251	107
94791 COFFS HARBOUR MO	3019S	15307E	5		1016.7	1017.5	21.2		17.8		6	48	-87	1	249	102
94802 ALBANY AIRPORT	3456S	11748E	69		1009.9	1018.2	15.1		12.3		5	34	-13	2	244	
94821 MOUNT GAMBIER AERO	3744S	14047E	69		1009.6	1017.8	14.5		10.8		6	45	0	3	255	116
94866 MELBOURNE AIRPORT	3740S	14451E	132		1003.2	1017.3	16.6		10.2		5	16	-47	0	245	
94907 EAST SALE AIRPORT	3806S	14708E	8		1015.9	1016.9	15.8		11.7		4	37	-21	3	260	117
94910 WAGGA AIRPORT	3510S	14727E	213		990.9	1016.0	21.9		8.6		3	13	-27	2	304	100
94926 GANBERRA AMO	3518S	14912E	580		950.1	1016.9	18.8		10.3		1	10	-54	1	282	104
94968 LAUNCESTON AIRPORT	4132S	14712E	178		993.7	1014.9	13.5		10.3		6	36	-10	3	285	114
94975 HOBART AIRPORT	4250S	14729E	27		1010.1	1013.5	14.8		9.2		4	13	-33	0	256	119
AUSTRALIA (ADDITIONAL IS .)																
94995 LORD HOWE ISLAND AERO	3132S	15904E	6		1018.6	1019.4	19.9		16.1		3	31	-89	1		
94996 NORFOLK ISLAND AERO	2902S	16756E	109		1006.3	1019.3	17.9		13.8		4	7	-90	0	273	121
94998 MACQUARIE ISLAND	5429S	15856E	6		998.2	999.2	5.8		8.4		20	98	28	5	89	87
INDONESIA (SUMATRA)																
96035 MEDAN/POLONIA	0334N	09841E	25		1009.7	1012.9	26.8		30.2		16	164		2	96	110
96073 SIBOLGA/PINANGSORI	0133N	09853E	3			1009.8	26.0		29.2		22	790		5	114	85
96109 PAKANBARU/SIMPANGTIGA	0028N	10127E	31		1006.8	1010.7	27.0		28.8		17	276		4	131	
96221 PALEMBANG/TALANGBETUTU	0254S	10442E	10			1011.2	26.6		29.3		16	289			149	75
96237 PANGKALPINANG/PANGKALPINANG	0210S	10608E	33			1010.0	27.1		29.4		17	249			127	90
96249 TANJUNGPANDAN/BULUH TUMBANG	0245S	10745E	44			1009.7	25.8		29.6		24	523		4	82	70
BRUNEI DARUSSALAM																
96315 BRUNEI AIRPORT	0456N	11456E	15		1007.7	1009.6	27.2		31.0	.8	21	411	52	4	222	108
MALAYSIA (SABAH & SARAWAK)																
96413 KUCHING	0129N	11020E	27		1008.0	1010.6	26.1		29.1		26	376		4		
96421 SIBU	0220N	11150E	8		1006.9	1010.5	26.2		29.5		22	368		5	132	80
96441 BINTULU	0312N	11302E	5		1009.7	1010.2	26.7	.4	29.1		20	413	-14	3	165	100
96449 MIRI	0420N	11359E	18		1007.8	1009.7	27.2	1.7	31.5		20	445	123	5		
96465 LABUAN	0518N	11515E	30		1006.1	1009.4	27.8		30.4		15	435		4	226	105
96471 KOTA KINABALU	0556N	11603E	3		1009.4	1009.7	27.1		29.9		17	361		4		
96481 TAWAU	0416N	11753E	20		1007.2	1009.1	26.9		29.0		9	134	-16	3	207	105
96491 SANDAKAN	0554N	11804E	13		1008.5	1009.7	27.6	.8	33.1		19	414		4	195	110
INDONESIA (JAWA)																
96749 JAKARTA/SOEKARNO-HATTA	0607S	10639E	8			1010.0	28.2		28.4		3	10				
96805 CILACAP	0744S	10901E	6			1010.6	27.8		30.8		17	493			149	95
AUSTRALIA (OCEAN ISLANDS)																
96996 COCOS ISLAND AERO	1211S	09649E	3		1012.8	1013.2	26.7		25.1							
INDONESIA (MALUKU/IRIAN JAYA)																
97900 SAUMLAKI	0759S	13118E	24		1008.5	1011.5	29.0		29.9		3	14			295	130

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 AUGUST 2001	0°	0°	m		mb	mb	° C	° C	mb	mb		mm	mm		hr	
ANTARCTICA																
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		980.3	982.2	-3.1		4.5		19	56			12	
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		967.6	983.1	-19.6		.6		2	19				
89592 MIRNYJ	6633S	09301E	30		975.0	980.8	-18.4		1.2		10	41				
USSR (ANTARCTIC)																
89606 VOSTOK	7827S	10652E	3490		615.0		-68.6		.0		1	3				
SEPTEMBER 2001																
ANTARCTICA																
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		989.1	991.0	-3.0		4.5		21	105				
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		968.3	983.0	-18.2		.6		01	1				
89592 MIRNYJ	6633S	09301E	30		971.0	976.8	-16.3		1.3		5	14				
USSR (ANTARCTIC)																
89606 VOSTOK	7827S	10652E	3490		618.9		-65.7		.0		1	1				
OCTOBER 2001																
ANTARCTICA																
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		983.1	985.0	-1.3		5.1		23	103				
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		967.9	983.1	-13.4		1.2		7	69			184	

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.
89592 MIRNYJ	6633S	09301E	30		mb	mb	°	° c	mb	mb	9	50			hr	
USSR (ANTARCTIC)																
89606 VOSTOK	7827S	10652E	3490		975.0	980.7	-13.5		1.7		01	1				
NOVEMBER 2001																
ANTARCTICA																
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		978.8	980.7	- .5		5.3		22	63				
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		976.6	982.3	-6.0		1.9		1	4			392	
89592 MIRNYJ	6633S	09301E	30		978.2	983.8	-7.3		3.2		13	55				
USSR (ANTARCTIC)																
89606 VOSTOK	7827S	10652E	3490		625.3		-40.7		.1		01	1				
DECEMBER 2001																
ANTARCTICA																
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		981.3	983.2	1.0		5.9		21	58				
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		966.6	981.0	-1.3		3.1		3	9			410	
89592 MIRNYJ	6633S	09301E	30		982.1	987.6	-3.1		4.2		12	43				
USSR (ANTARCTIC)																
89606 VOSTOK	7827S	10652E	3490		630.6		-30.5		.3		01	1				
MAY 2002																
ANTARCTICA																

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.
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		991.4	993.3	-5.7		3.5		15	41				
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		976.6	991.7	-9.5		1.6		5	71				
89592 MIRNYJ	6633S	09301E	30		989.0	994.7	-11.5		2.1		4	43				
USSR (ANTARCTIC)																
89606 VOSTOK	7827S	10652E	3490		633.5		-59.3		.0		01	1				
JUNE 2002																
ANTARCTICA																
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		989.3	991.2	-8.9		2.8		11	31				
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		971.1	986.2	-12.1		1.0		2	28				
89592 MIRNYJ	6633S	09301E	30		981.9	987.6	-12.6		2.0		13	77				
USSR (ANTARCTIC)																
89606 VOSTOK	7827S	10652E	3490		625.7		-65.9		.0		0	T				
JULY 2002																
ANTARCTICA																
USSR (ANTARCTIC)																
89050 BELLINGSHAUSEN	6212S	05856W	16		993.6	995.5	-6.7		3.4		15	77				
89512 NOVOLAZAREVSKAJA	7046S	01150E	0		971.3	986.5	-12.8		1.1		6	83				
89592 MIRNYJ	6633S	09301E	30		980.8	986.6	-13.7		1.8		9	48				
USSR (ANTARCTIC)																
89606 VOSTOK	7827S	10652E	3490		625.6		-64.9		.0		1	4				
SEPTEMBER 2002																
ASIA																

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	
INDIA																
42314 DIBRUGARH/MOHANBARI	2729N	09501E	111		994.6	1007.1	27.8		29.5		13	224		2	174	
42515 CHERRAPUNJI	2515N	09144E	1313		867.7	1490 Y	21.3		21.0		14	947		3		
42619 SILCHAR	2445N	09248E	29		1003.1	1006.5	29.0		32.7		14	232		1		
N AMERICA																
HAITI																
78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	14		1009.9	1011.6	28.8		26.7		9	59		1		
S AMERICA																
GUYANA																
81001 GEORGETOWN	0648N	05809W	2		1012.1	1012.5	27.9		29.8		9	86		3	262	115
81002 TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1008.7	1012.3	27.3		29.2		9	86		1		
OCTOBER 2002																
ASIA																
PAKISTAN																
41660 QUETTA AIRPORT	3015N	06653E	1587		841.7	1508 Y	16.7		6.9		0	0		0		
41768 CHHOR	2531N	06947E	6		1008.2	1008.9	29.6		17.7		0	0		0	329	
41780 KARACHI AIRPORT	2454N	06708E	22		1006.9	1009.7	29.3		24.3		0	0		0		
INDIA																
42165 BIKANER	2800N	07318E	224		983.7	1008.5	29.5		10.1		0	0		3		
42339 JODHPUR	2618N	07301E	224		984.3	1008.7	29.9		10.1		0	0		3		
42452 KOTA AERODROME	2509N	07551E	274		979.1	1009.5	29.8		11.8		0	0		2		
42515 CHERRAPUNJI	2515N	09144E	1313		870.0	1513 Y	19.7		18.4		5	69		1		
42587 DALTONGANJ	2403N	08404E	221		984.6	1010.5	26.3		25.5		2	59		4		
43149 VISHAKHAPATNAM	1743N	08314E	3		1009.6	1009.9	29.1		28.1		8	116		3		
AFRICA																
SUDAN																
62600 WADI HALFA	2149N	03129E	183		988.9	1009.5	29.8		13.0		0	0		5	313	85
62640 ABU HAMED	1932N	03319E	312		973.6	1008.8	31.4		14.3		0	9999		5	316	85
62641 PORT SUDAN	1935N	03713E	2		1005.7	1010.4	30.5		28.2		0	9999		5	265	75
62650 DONGOLA	1910N	03029E	226		982.6	1008.9	31.8		9.9		0	9999		5	307	85
62660 KARIMA	1833N	03151E	249		978.9	1008.0	32.4		9.3		0	9999		5	316	90

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	
62680 ATBARA	1742N	03358E	345		967.2	1005.3	33.4		14.1		0	9999		5	303	85
62721 KHARTOUM	1536N	03233E	380		962.8	1005.2	33.5		15.2		4	3		5		
62730 KASSALA	1528N	03624E	500		950.1	1004.4	34.4		18.3		1	2		5	300	80
62751 WAD MEDANI	1424N	03329E	408		962.5	1007.5	30.2		18.7		2	35		3	299	80
62752 GEDAREF	1402N	03524E	599		940.8	1006.5	30.0		21.5		5	44		2	279	75
62760 EL FASHER	1337N	02520E	730		927.4	1006.5	29.5		11.2		1	1		5	277	75
62762 SENNAR	1333N	03337E	418		959.0	1005.3	30.1		20.6		2	56		2	297	80
62770 GENEINA	1329N	02227E	805		922.6	1010.2	27.6		12.3		3	63		2	232	75
62771 EL OBEID	1310N	03014E	574		944.0	1006.5	28.9		15.1		3	11		4	248	65
62772 KOSTI	1310N	03240E	381		964.5	1006.5	31.2		20.0		1	2		5	299	75
62781 EN NAHUD	1242N	02826E	564		947.3	1009.3	28.7		16.1		3	25		3	284	75
62790 NYALA	1203N	02453E	674		938.0	1008.9	28.5		15.6		3	58		2		
62795 ABU NA'AMA	1244N	03408E	445		955.7	1006.5	29.6		11.9		7	27		3	272	75
62805 DAMAZINE	1147N	03423E	470		954.3	1006.3	25.0		22.0		1	29		3	241	90
62810 KADUGLI	1100N	02943E	499		954.2	1009.2	29.8		24.1		7	109		1	247	65
62840 MALAKAL	0933N	03139E	388		965.2	1008.7	27.3		15.9		5	131		1	222	60
62941 JUBA	0452N	03136E	457		956.2	1007.8	27.5		25.6		16	236		1	243	70
N AMERICA																
HAITI																
78437 PORT-AU-PRINCE (DAMIEN)	1836N	07217W	14		1010.1	1011.8	29.2		27.3		7	100		2		
S AMERICA																
GUYANA																
81001 GEORGETOWN	0648N	05809W	2		1011.2	1011.6	28.3		29.4		5	80		3	250	105
81002 TIMEHRI CHEDDI JAGAN INTERNA	0630N	05815W	30		1007.8	1011.3	27.4		28.7		7	48		1		
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48674 MERSING	0227N	10350E	45		1005.5	1010.4	26.7		30.2		4	80		1		

UPPER AIR

NOVEMBER 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
EUROPE - NORWAY JAN MAYEN 01001 NOV 2002 7056N 00840W OB 3								EUROPE - NORWAY BJORNOYA 01028 NOV 2002 7431N 01901E OB 3								EUROPE - NORWAY BODO 01152 NOV 2002 6715N 01424E OB 3										
030	22948	2	-74.2	25.5	2	98	274	25	030	22835	11	-75.1	26.7	9	92	297	12	030	22998	1	-73.3	25.6	1	95	287	27
050	19932	0	-69.2	26.7	0	96	268	19	050	19807	1	-71.3	26.3	1	90	297	13	050	19980	0	-68.8	26.8	0	93	288	21
100	15716	0	-62.2	26.9	0	90	261	12	100	15624	0	-63.4	26.3	0	90	303	13	100	15753	0	-61.1	28.5	0	90	293	13
150	13193	0	-59.3	23.4	0	79	256	9	150	13115	0	-60.4	23.7	0	90	309	12	150	13214	0	-57.6	27.0	0	83	300	10
200	11397	0	-61.2	14.9	1	58	254	7	200	11323	0	-61.4	15.4	0	85	315	13	200	11398	0	-58.2	19.8	0	69	307	7
300	8860	0	-53.6	10.8	0	24	241	3	300	8798	0	-55.7	10.1	0	73	316	14	300	8843	0	-54.0	12.0	0	36	328	6
500	5387	0	-28.6	14.7	0	39	199	4	500	5368	0	-31.0	12.7	0	73	308	8	500	5391	0	-29.5	14.2	0	20	342	2
700	2897	0	-12.9	16.5	0	56	167	5	700	2902	0	-15.1	14.4	0	58	309	6	700	2910	0	-13.3	13.9	0	14	98	1
850	1396	0	-5.9	7.0	0	56	145	5	850	1419	0	-10.1	5.8	0	30	290	3	850	1412	0	-6.3	7.8	0	36	159	3
1012	* 9		2.0	2.3					1016	* 18		-2.3	2.4					1012	* 33		-1.2	5.4				
EUROPE - NORWAY ORLAND 01241 NOV 2002 6342N 00936E OB 3								EUROPE - NORWAY STAVANGER/SOLA 01415 NOV 2002 5852N 00540E OB 3								EUROPE - SWEDEN SUNDSVALL-HARNOSAND FPL 02365 NOV 2002 6232N 01727E OB 3										
030	23162	1	-70.1	26.6	1	94	285	28	030	23389	1	-65.4	23.0	1	91	285	23	030	23320							
050	20100	1	-65.9	27.4	1	91	285	21	050	20258	1	-62.0	23.1	1	89	286	18	050	20113	23	-65.4	26.5	9	87	302	19
100	15831	1	-59.3	28.8	1	85	281	12	100	15925	1	-57.8	23.1	1	82	278	12	100	15818	17	-59.0	27.8	9	89	309	14
150	13274	1	-56.1	27.4	1	80	285	10	150	13351	1	-54.9	22.0	1	79	276	11	150	13265	18	-56.0	27.6	9	90	314	13
200	11444	1	-56.5	20.7	1	66	286	8	200	11511	1	-55.2	17.1	1	76	269	12	200	11435	18	-57.4	20.5	9	72	308	13
300	8874	1	-52.7	13.0	1	34	284	5	300	8921	1	-50.6	11.5	1	57	247	12	300	8865	18	-52.5	11.2	9	66	318	15
500	5403	1	-28.0	13.4	1	19	293	2	500	5418	1	-26.1	12.1	1	53	243	7	500	5390	18	-28.0	14.0	9	59	318	9
700	2904	1	-11.4	14.0	1	18	188	2	700	2901	1	-10.0	12.0	1	53	201	5	700	2900	18	-13.6	10.9	9	34	319	3
850	1391	1	-3.3	11.0	1	38	157	3	850	1383	1	-2.7	5.5	1	64	172	7	850	1405	18	-7.7	10.0	9	20	77	2
1011	* 10		.7	4.7					1005	* 14		3.6	4.4					990	* 6		-4.0	1.8				
EUROPE - SWEDEN GOTEBORG/LANDVETTER 02527 NOV 2002 5740N 01218E OB 3								EUROPE - FINLAND SODANKYLA 02836 NOV 2002 6722N 02639E OB 3								EUROPE - FINLAND JYVASKYLA 02935 NOV 2002 6224N 02541E OB 3										
030									030	22914	0	-74.2	19.8	0	93	295	25	030	23109	10	-70.3	21.4	9	90	294	26
050	20264	24	-63.0	23.0	9	98	258	18	050	19910	0	-69.7	22.6	0	93	295	21	050	20066	1	-66.6	23.7	1	92	296	22
100	15932	6	-57.8	27.1	7	83	266	12	100	15699	0	-61.3	28.0	0	91	303	14	100	15805	0	-59.7	27.6	0	90	299	15
150	13362	5	-55.1	25.4	5	80	264	12	150	13163	0	-57.7	28.8	0	86	312	12	150	13249	0	-56.1	28.0	0	84	300	13
200	11525	5	-55.7	18.6	5	78	258	13	200	11346	0	-57.8	21.3	0	78	324	10	200	11417	0	-56.2	21.9	0	77	300	13
300	8944	5	-51.3	10.7	5	66	249	13	300	8795	0	-54.9	9.5	0	48	355	10	300	8843	0	-53.0	9.3	0	60	302	12
500	5432	4	-25.1	11.7	4	62	247	9	500	5361	0	-31.0	13.5	0	46	10	6	500	5378	0	-28.9	9.9	0	50	311	7
700	2907	4	-9.2	9.6	4	44	228	4	700	2897	0	-15.9	11.3	0	31	17	3	700	2892	0	-13.6	9.9	0	23	355	2
850	1384	4	-2.9	4.4	5	29	205	3	850	1413	0	-8.8	6.7	0	22	28	2	850	1397	0	-7.2	6.3	0	31	85	3
1000	* 155		1.0	1.7					996	* 179		-11.8	1.3					998	* 145		-6.6	1.2				

UPPER AIR

NOVEMBER 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
EUROPE - FINLAND JOKIOINEN 02963 NOV 2002 6049N 02330E OB 3								EUROPE - UNITED KINGDOM LERWICK 03005 NOV 2002 6008N 00111W OB 3								EUROPE - UNITED KINGDOM CAMBORNE 03808 NOV 2002 5013N 00519W OB 3												
030								030	23369	0	-66.0			0	93	279	26	030	23670	0	-58.3			0	84	285	14	
050	20129	2	-65.1	27.3	2	92	290	21	050	20236	0	-62.5			0	91	275	19	050	20461	0	-57.9			0	82	280	11
100	15839	0	-58.9	28.9	0	88	289	14	100	15910	0	-57.7			0	81	266	12	100	16074	0	-56.5			0	78	275	12
150	13278	0	-55.7	27.7	0	84	290	13	150	13333	0	-54.4			0	75	262	11	150	13493	0	-54.8			0	76	277	16
200	11445	0	-56.2	20.7	0	77	290	13	200	11490	0	-54.7			0	62	255	9	200	11650	0	-53.9			0	70	278	18
300	8866	0	-52.4	10.8	0	58	288	12	300	8894	0	-50.5			0	43	237	8	300	9027	0	-47.4			0	64	270	18
500	5390	0	-27.9	11.1	0	50	287	7	500	5392	0	-26.1	9.5		0	51	200	6	500	5472	0	-22.1	10.4		0	64	255	13
700	2895	0	-12.6	9.5	0	29	274	3	700	2872	0	-9.4	10.3		0	67	170	7	700	2914	0	-5.5	9.6		0	71	246	11
850	1392	0	-5.7	7.1	0	5	113	1	850	1348	0	-1.8	2.0		0	69	154	9	850	1366	0	2.8	3.1		0	70	241	10
1002	* 103		-3.6	1.0					994	* 84		6.8	2.8						993	* 88		11.0	2.4					
EUROPE - IRELAND VALENTIA OBSERVATORY 03953 NOV 2002 5156N 01015W OB 3								EUROPE - ICELAND KEFLAVIKURFLUGVOLLUR 04018 NOV 2002 6358N 02236W OB 3								EUROPE - GREENLAND AASIAAT (EGEDESMINDE) 04220 NOV 2002 6842N 05251W OB 3												
030	23637	0	-59.3	28.6	0	91	280	18	030	23256	8	-65.5			8	97	267	29	030	22840	0	-72.3	19.2	1	78	243	19	
050	20430	0	-58.0	28.3	0	88	277	13	050	20120	0	-64.0			0	90	258	20	050	19807	0	-68.0	21.3	0	82	236	16	
100	16042	0	-55.8	28.2	0	84	274	13	100	15815	0	-58.0			0	80	247	12	100	15569	0	-60.9	24.5	0	84	216	12	
150	13454	0	-53.7	26.8	0	79	272	16	150	13244	0	-55.1			0	61	232	8	150	13032	0	-58.2	24.0	0	83	207	12	
200	11601	0	-52.9	23.0	0	76	273	19	200	11406	0	-55.8			0	39	212	6	200	11221	0	-58.6	17.6	0	83	198	13	
300	8970	0	-47.2	12.3	0	64	267	19	300	8819	0	-51.0	12.1		0	36	145	7	300	8674	0	-55.1	7.0	0	72	185	15	
500	5418	0	-22.7	10.6	0	69	252	15	500	5322	0	-26.2	10.3		0	59	126	8	500	5245	0	-31.4	9.8	0	76	183	11	
700	2865	0	-6.1	8.9	0	70	247	12	700	2808	0	-10.2	10.4		0	63	113	7	700	2788	0	-16.0	9.4	0	62	176	4	
850	1322	0	1.9	4.1	0	62	237	9	850	1287	0	-1.9	5.2		0	75	117	10	850	1301	0	-8.5	7.1	0	27	125	2	
995	* 30		10.4	2.5					992	* 54		4.2	2.9						999	* 41		-2.6	3.5					
EUROPE - GREENLAND NARSARSUAQ 04270 NOV 2002 6109N 04526W OB 3								EUROPE - GREENLAND DANMARKSHAVN 04320 NOV 2002 7646N 01840W OB 3								EUROPE - GREENLAND ILLOQQORTOORMIUT (SCORESBYSU) 04339 NOV 2002 7029N 02157W OB 3												
030	23172	0	-66.4	28.3	1	91	250	31	030	22737	0	-76.9	19.4		0	90	259	13	030	22941	0	-73.8	19.7	4	95	259	25	
050	20050	0	-63.0	29.4	1	86	248	23	050	19766	0	-71.6	21.4		0	89	257	12	050	19910	0	-69.2	22.0	1	99	254	19	
100	15733	0	-57.5	31.1	1	82	243	16	100	15589	0	-63.3	24.2		0	93	247	12	100	15694	0	-62.0	25.1	0	99	248	14	
150	13157	0	-54.9	31.4	1	77	238	13	150	13078	0	-60.2	22.8		0	90	249	14	150	13171	0	-59.2	22.8	2	87	231	10	
200	11319	0	-55.3	24.8	1	69	236	11	200	11286	0	-61.3	14.2		0	86	243	16	200	11374	0	-61.5	12.4	0	68	228	9	
300	8732	0	-52.1	10.4	2	31	209	5	300	8759	0	-54.8	8.4		0	79	239	19	300	8842	0	-54.0	7.6	0	35	209	6	
500	5261	0	-29.0	12.2	1	23	102	2	500	5315	0	-30.4	9.4		0	80	237	13	500	5372	0	-28.2	8.8	1	27	205	3	
700	2775	0	-13.0	9.8	1	58	88	5	700	2844	0	-14.8	10.2		0	73	232	8	700	2882	0	-13.0	8.5	2	50	166	5	
850	1270	0	-4.1	8.4	1	77	78	5	850	1362	0	-11.9	8.8		0	56	237	5	850	1384	0	-7.2	4.8					
996	* 4		-3	8.1					1015	* 12		-17.4	4.1						1005	* 69		-4.6	2.2					

UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - GREENLAND TASIILAQ (AMASSALIK) 04360 NOV 2002 6536N 03738W OB 3								EUROPE - DENMARK & FAROE IS. THORSHAVN 06011 NOV 2002 6201N 00646W OB 3								EUROPE - BELGIUM UCCLE 06447 NOV 2002 5048N 00421E OB 3										
030	23071	1	-69.4	21.6	1	91	253	27	030	23247	0	-67.7	24.4	1	94	274	27	030	23234	5		25.2	5	84	285	16
050	19979	0	-65.8	23.1	0	87	245	21	050	20147	0	-63.9	26.6	1	91	272	19	050	20118	4		25.6	4	81	279	12
100	15704	0	-59.4	26.5	0	83	229	13	100	15841	0	-58.4	28.8	1	83	262	11	100	15848	2		24.7	2	76	272	11
150	13151	0	-56.0	24.2	0	74	216	10	150	13273	0	-55.3	29.0	1	66	253	9	150	13301	2		24.2	2	69	272	12
200	11332	0	-58.4	15.4	0	61	190	9	200	11433	0	-55.2	22.9	0	50	245	7	200	11482	2		18.7	2	66	272	15
300	8779	0	-53.2	6.4	0	55	146	10	300	8842	0	-51.4	9.8	0	30	209	6	300	8912	1		8.8	1	55	255	14
500	5305	0	-28.1	8.0	0	75	113	7	500	5351	0	-26.8	10.4	0	49	174	7	500	5415	1		7.9	1	65	255	10
700	2816	0	-12.9	6.9	0	80	103	11	700	2840	0	-10.6	9.3	0	67	148	9	700	2900	1		7.3	1	69	253	7
850	1316	0	-6.0	4.0	0	85	69	11	850	1323	0	-3.1	1.9	0	72	137	10	850	1381	1		1.4	1	63	252	6
997	* 52		1.7	3.4					995	* 55		7.0	2.2					997	* 104		8.8	1.3				
EUROPE - SWITZERLAND PAYERNE 06610 NOV 2002 4649N 00657E OB 3								EUROPE - FRANCE NANCY/ESSEY 07180 NOV 2002 4841N 00613E OB 3								EUROPE - FRANCE NIMES/COURBESSAC 07645 NOV 2002 4352N 00424E OB 3										
030	23668	0	-59.1		0	76	293	11	030									030								
050	20466	0	-59.6		0	71	283	9	050	20451	5	-59.4		5	72	282	9	050	20504	5	-59.1		6	67	291	7
100	16119	0	-58.3		0	73	267	11	100	16094	0	-57.8		0	75	272	11	100	16155	0	-59.2		0	72	278	12
150	13559	0	-56.1		0	71	266	14	150	13525	0	-55.6		0	71	272	14	150	13607	0	-57.1		1	69	279	16
200	11731	0	-56.3	14.6	0	64	266	17	200	11691	0	-56.2		0	67	271	17	200	11782	0	-57.2		1	63	271	19
300	9126	0	-47.5	14.0	0	55	254	16	300	9090	0	-48.2		0	60	254	16	300	9175	0	-45.8		0	51	270	16
500	5556	0	-20.8	16.8	0	59	247	11	500	5532	0	-21.9	9.8	0	67	245	11	500	5584	0	-19.9	13.5	0	51	270	10
700	2987	0	-4.9	8.7	0	63	233	7	700	2970	0	-5.5	8.2	0	71	242	9	700	3003	0	-3.2	11.1	0	48	270	7
850	1436	0	3.1	3.3	0	62	234	5	850	1421	0	3.0	3.3	0	75	241	8	850	1443	0	5.0	3.7	0	20	262	3
954	* 491		6.8	1.9					985	* 217		7.5	1.4					1005	* 62		10.8	2.9				
EUROPE - FRANCE AJACCIO 07761 NOV 2002 4155N 00848E OB 3								EUROPE - SPAIN LA CORUNA 08001 NOV 2002 4322N 00825W OB 3								EUROPE - SPAIN SANTANDER 08023 NOV 2002 4328N 00348W OB 3										
030	23705	10	-57.3						030	23646	25	-56.2	30.8	9	63	341	6	030	23739	10	-57.6		9	50	298	6
050	20500	9	-60.0						050	20446	20	-58.7	29.7	9	62	297	6	050	20516	2	-59.0		2	63	277	6
100	16179	6	-60.5		8	76	255	13	100	16066	8	-60.8	25.6	8	79	287	13	100	16175	2	-59.4		2	71	283	11
150	13639	3	-58.7		8	72	255	17	150	13537	6	-58.9	23.4	6	77	288	19	150	13636	1	-58.5		1	76	284	19
200	11824	3	-57.7		6	70	265	24	200	11732	5	-57.6	18.2	5	80	291	25	200	11819	1	-56.4		1	75	288	23
300	9215	2	-45.2		5	57	256	15	300	9118	4	-46.7	12.0	4	75	284	23	300	9197	1	-45.5	14.4	1	74	283	23
500	5613	2	-18.9	12.3	3	64	247	12	500	5549	3	-21.2	12.4	6	77	275	17	500	5601	1	-19.4	13.7	1	81	280	7
700	3022	2	-2.7	10.1	3	59	254	8	700	2983	3	-5.0	10.5	6	80	275	13	700	3015	1	-2.7	14.3	1	74	277	10
850	1455	1	6.5	5.5	2	59	237	5	850	1434	3	2.4	5.4	9	80	261	10	850	1454	1	5.3	8.0	1	81	276	7
1011	* 9		17.2	5.1					1004	* 67		13.7	3.6					1006	* 59		14.7	4.6				

UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
EUROPE - SPAIN MADRID/BARAJAS 08221 NOV 2002 4030N 00335W OB 3									EUROPE - SPAIN PALMA DE MALLORCA 08301 NOV 2002 3933N 00237E OB 3									EUROPE - SPAIN MURCIA 08430 NOV 2002 3800N 00110W OB 3								
030	23773	3	-56.0	30.8	4	37	345	4	030									030	23785	23	-56.2	31.4	9	36	23	3
050	20538	0	-59.1	29.8	1	47	303	5	050	20613	5	-57.2		2	52	246	6	050	20567	11	-59.9	28.9	9	31	302	3
100	16217	0	-60.8	28.0	1	70	290	11	100	16262	0	-61.2		0	71	268	11	100	16257	4	-62.7	25.1	6	71	277	12
150	13693	0	-59.3	24.5	1	71	289	18	150	13722	0	-58.5		0	64	274	17	150	13749	1	-60.1	21.4	1	70	285	19
200	11883	0	-57.1	18.3	1	70	296	22	200	11887	0	-57.0		0	63	283	18	200	11950	1	-58.6	15.9	1	66	291	23
300	9259	0	-44.4	14.1	1	64	286	22	300	9263	0	-44.1	12.7	0	62	283	15	300	9332	1	-43.6	12.2	1	66	292	22
500	5644	0	-18.0	17.1	0	68	288	15	500	5643	0	-17.2	15.6	0	59	277	13	500	5687	0	-16.6	15.7	0	67	288	15
700	3049	0	-2.2	10.4	0	66	286	9	700	3042	0	-1.2	13.9	0	64	262	9	700	3076	0	-.3	14.5	0	67	285	9
850	1484	0	5.6	6.0	1	67	260	6	850	1471	0	6.8	8.5	0	65	271	7	850	1499	0	8.1	10.6	0	76	301	8
943	* 633		10.5	4.2					1013	* 6		16.5	4.4					1009	* 62		16.3	8.3				
EUROPE - GIBRALTAR GIBRALTAR 08495 NOV 2002 3609N 00520W OB 3									EUROPE - PORTUGAL LAJES/SANTA RITA (ACORES) 08508 NOV 2002 3844N 02704W OB 3									EUROPE - PORTUGAL LISBOA/GAGO COUTINHO 08579 NOV 2002 3846N 00908W OB 3								
030	23781	5	-55.4	36.5	5	5	353	1	030	23829	3	-55.3						030	23801	0	-55.1	31.2	1	34	14	2
050	20560	4	-61.0	30.4	4	40	255	4	050	20613	3	-60.3						050	20576	0	-59.5	30.1	1	42	327	2
100	16280	2	-65.8	23.1	3	71	277	12	100	16346	3	-65.7						100	16274	0	-62.5	25.9	0	76	294	6
150	13791	0	-63.1	20.0	1	75	276	19	150	13886	3	-64.4						150	13767	0	-60.3	21.7	0	74	291	9
200	11999	0	-60.1	16.4	1	71	282	23	200	12109	2	-59.1						200	11966	0	-57.8	16.5	0	75	296	12
300	9366	0	-44.3	16.8	0	69	282	21	300	9466	2	-40.3	11.9					300	9335	0	-43.2	13.6	0	73	290	12
500	5718	0	-15.8	23.6	0	74	287	16	500	5775	2	-13.2	20.7					500	5697	0	-16.4	17.3	0	78	292	8
700	3095	0	.6	21.9	0	73	284	11	700	3130	2	3.0	18.7					700	3084	0	-.1	16.0	0	78	290	6
850	1512	0	9.3	10.7	0	76	280	9	850	1535	2	9.9	10.3					850	1506	0	7.9	10.5	0	71	290	4
1017	* 4		17.4	6.0					1007	* 113		17.8	6.1					1005	* 105		15.0	3.4				
EUROPE - GERMANY SCHLESWIG 10035 NOV 2002 5432N 00933E OB 3									EUROPE - GERMANY GREIFSWALD 10184 NOV 2002 5406N 01324E OB 3									EUROPE - GERMANY BERGEN 10238 NOV 2002 5249N 00956E OB								
030	23514	1	-63.1		1	88	285	21	030	23509	0	-63.1		0	89	285	21	030	23567	3	-61.0					
050	20354	0	-60.5		0	85	279	16	050	20349	0	-61.0		0	85	281	16	050	20374	0	-60.0		5	83	276	13
100	16004	0	-57.6	29.4	0	79	273	12	100	16008	0	-57.9	26.7	0	83	274	14	100	16029	0	-57.4	10.4	1	80	266	12
150	13432	0	-55.2	26.7	0	76	270	13	150	13438	0	-55.5	25.0	0	78	273	14	150	13457	0	-55.4	9.9	0	72	263	12
200	11597	0	-56.2	18.7	0	72	264	15	200	11606	0	-56.8	17.0	0	73	267	16	200	11624	0	-56.3	9.0	0	69	263	15
300	9010	0	-49.5	11.8	0	63	255	15	300	9022	0	-49.7	10.5	0	63	263	15	300	9034	0	-48.8	8.3	0	57	250	14
500	5475	0	-23.6	12.7	0	61	243	9	500	5484	0	-23.0	12.9	0	52	255	8	500	5487	0	-22.7	8.7	0	62	251	9
700	2929	0	-7.3	12.5	0	54	238	5	700	2934	0	-7.0	14.1	0	51	246	5	700	2937	0	-6.6	7.3	0	61	249	6
850	1394	0	.2	10.5	0	39	195	4	850	1398	0	.0	9.4	0	30	220	2	850	1398	0	1.4	5.7	0	54	239	5
1004	* 48		4.5	1.3					1011	* 6		4.2	1.6					1001	* 69		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
EUROPE - GERMANY LINDENBERG 10393 NOV 2002 5213N 01407E OB 3									EUROPE - GERMANY ESSEN 10410 NOV 2002 5124N 00658E OB 3									EUROPE - GERMANY MEININGEN 10548 NOV 2002 5034N 01023E OB 3								
030	23552	0	-62.3		0	88	288	19	030	23570	0	-60.8	22.4	0	85	288	17	030	23604	0	-60.9		0	84	287	16
050	20382	0	-60.4		0	85	284	14	050	20392	0	-59.6	22.7	0	78	281	13	050	20416	0	-60.0		0	78	280	12
100	16037	0	-57.7	30.5	0	81	271	13	100	16036	0	-57.7	22.3	0	79	271	13	100	16062	0	-57.7	26.3	0	77	269	12
150	13471	0	-55.9	26.3	0	78	268	15	150	13465	0	-55.3	20.7	0	69	263	12	150	13495	0	-55.9	23.5	0	71	267	13
200	11642	0	-57.1	17.0	0	72	265	17	200	11630	0	-55.9	16.2	0	65	263	15	200	11663	0	-55.9	16.6	0	69	265	16
300	9057	0	-49.1	9.9	0	60	260	16	300	9032	0	-49.1	9.9	0	55	249	15	300	9070	0	-49.0	10.1	0	58	254	16
500	5506	0	-22.3	12.2	0	60	257	9	500	5488	0	-22.8	10.9	0	63	241	10	500	5514	0	-21.9	10.2	0	66	252	11
700	2949	0	-6.2	11.9	0	53	247	6	700	2939	0	-6.8	9.3	0	66	241	7	700	2954	0	-6.0	8.5	0	66	253	8
850	1407	0	1.2	7.5	0	42	239	4	850	1398	0	1.3	4.0	0	68	241	6	850	1409	0	2.0	4.6	0	59	248	6
997	* 104		4.3	1.7					991	* 153		8.2	2.2					957	* 453		5.3	.7				
EUROPE - GERMANY STUTTGART/SCHNARRENBERG 10739 NOV 2002 4850N 00912E OB 3									EUROPE - GERMANY MUENCHEN-OBERSCHLEISSHEIM 10868 NOV 2002 4815N 01133E OB 3									EUROPE - AUSTRIA WIEN/HOHE WARTE 11035 NOV 2002 4814N 01621E OB 3								
030	23601	0	-60.4	22.2	0	80	295	15	030	23636	0	-59.8		1	81	293	14	030	23618	11	-60.0		9	88	290	13
050	20425	0	-60.0	22.0	0	72	289	10	050	20447	0	-60.0		1	74	284	10	050	20429	4	-60.4		4	86	281	12
100	16086	0	-58.0	21.3	0	75	279	12	100	16098	0	-58.0	26.7	1	76	269	12	100	16094	3	-58.9		3	79	271	11
150	13507	0	-56.4	19.0	0	71	274	15	150	13537	0	-56.6	22.8	1	69	266	14	150	13540	3	-57.5		3	79	265	16
200	11698	0	-56.7	14.8	0	70	272	18	200	11713	0	-57.0	17.0	1	69	261	18	200	11727	3	-58.5		3	75	262	19
300	9099	0	-48.2	8.8	0	56	261	17	300	9115	0	-48.2	10.9	1	55	256	15	300	9132	3	-47.4		3	64	259	18
500	5538	0	-21.5	9.3	0	64	251	12	500	5547	0	-21.0	10.5	1	66	254	12	500	5560	0	-20.9	9.5	0	66	254	12
700	2975	0	-5.7	7.3	0	69	250	8	700	2979	0	-5.0	7.7	1	74	253	8	700	2988	0	-4.3	10.3	0	69	255	9
850	1426	0	3.0	3.9	0	66	262	6	850	1425	0	4.1	6.1	1	61	260	6	850	1434	0	3.7	5.1	0	63	255	8
973	* 315		8.2	3.0					954	* 489		6.3	1.1					988	* 200		7.9	3.3				
EUROPE - CZECH REPUBLIC PRAHA-LIBUS 11520 NOV 2002 5000N 01427E OB 3									EUROPE - SLOVAKIA POPRAD-GANOVCE 11952 NOV 2002 4902N 02019E OB 3									EUROPE - POLAND LEBA 12120 NOV 2002 5445N 01732E OB 3								
030	23592	0	-61.0	27.8	0	86	289	17	030	23577	0	-61.2	27.6	0	90	288	16	030	23444	0	-64.4	25.6	0	91	286	22
050	20415	0	-60.0	28.0	0	82	283	11	050	20406	0	-60.7	27.8	0	90	287	12	050	20303	0	-62.1	26.6	0	88	284	17
100	16070	0	-58.2	28.5	0	80	269	12	100	16075	0	-58.9	27.4	0	88	272	13	100	15973	0	-58.1	28.1	0	85	277	14
150	13508	0	-56.5	26.7	0	79	267	16	150	13525	0	-58.0	24.3	0	88	269	17	150	13408	0	-56.0	27.5	0	83	276	15
200	11685	0	-57.4	18.4	0	73	260	18	200	11714	0	-58.3	16.8	0	82	262	19	200	11579	0	-56.9	19.0	0	77	271	17
300	9092	0	-48.3	9.4	0	61	260	16	300	9120	0	-47.7	10.6	0	68	259	18	300	8998	0	-50.1	9.6	0	65	272	16
500	5532	0	-21.4	10.3	0	63	258	11	500	5555	0	-21.2	10.6	0	75	251	13	500	5469	0	-23.7	12.9	0	57	270	9
700	2969	0	-5.3	9.6	0	65	254	8	700	2987	0	-4.9	10.5	0	72	245	10	700	2931	0	-7.8	13.6	0	50	257	5
850	1420	0	2.7	6.3	0	52	245	5	850	1441	0	1.6	3.7	0	71	238	6	850	1402	0	-1.4	5.8	0	40	226	4
975	* 303		5.1	1.5					931	* 706		4.4	3.1					1011	* 2		4.3	2.6				

UPPER AIR

NOVEMBER 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
EUROPE - POLAND LEGIONOWO 12374 NOV 2002 5224N 02058E OB 3								EUROPE - POLAND WROCLAW I 12425 NOV 2002 5108N 01659E OB 3								EUROPE - HUNGARY BUDAPEST/LORINC 12843 NOV 2002 4726N 01911E OB 3											
030	23499	0	-63.1	26.5	0	91	287	21	030	23527	1	-62.3	27.6	1	87	287	18	030	23624	9	-60.4			9	89	291	14
050	20345	0	-61.4	27.6	0	89	286	15	050	20363	0	-61.0	27.8	0	86	282	14	050	20440	4	-60.2			5	87	283	11
100	16015	0	-58.4	28.0	0	89	278	15	100	16028	0	-58.6	27.8	0	82	270	14	100	16106	2	-59.5			2	87	271	12
150	13457	0	-56.6	26.6	0	88	272	17	150	13470	0	-56.4	26.7	0	84	272	15	150	13560	1	-58.0			1	86	264	17
200	11637	0	-57.9	17.9	0	81	267	20	200	11650	0	-57.8	17.8	0	77	266	19	200	11752	1	-58.4			1	83	260	20
300	9052	0	-49.2	10.0	0	71	264	19	300	9064	0	-49.0	8.2	0	63	274	17	300	9153	1	-47.1	10.4		2	74	255	18
500	5509	0	-22.7	11.9	0	65	258	11	500	5514	0	-22.2	11.7	0	59	267	10	500	5580	1	-20.8	12.8		2	75	251	13
700	2959	0	-6.9	14.1	0	61	245	7	700	2958	0	-5.9	12.0	0	61	251	7	700	3009	1	-4.6	9.9		1	74	249	10
850	1424	0	-3	5.0	0	61	232	6	850	1416	0	.9	4.9	0	57	237	5	850	1455	1	3.4	5.4		1	66	242	7
1002	* 96		4.9	2.7					997	* 116		4.0	2.1					998	* 139		8.0	3.5					
EUROPE - CROATIA ZAGREB/MAKSIMIR 14240 NOV 2002 4549N 01602E OB 3								EUROPE - ROMANIA BUCURESTI/IMH 15420 NOV 2002 4430N 02608E OB 1								EUROPE - BULGARIA SOFIA (OBSERV.) 15614 NOV 2002 4239N 02323E OB 0											
030	23659	0	-58.9		0	81	292	12	030									030	23689	21	-58.8	25.9		9	90	287	18
050	20466	0	-60.1		0	81	280	10	050	20463	7	-61.1	24.6	7	95	283	10	050	20477	8	-60.4	25.1		8	87	277	16
100	16132	0	-59.0		0	81	268	11	100	16153	2	-61.4	23.6	2	93	277	13	100	16166	0	-61.4	23.2		0	90	269	25
150	13587	0	-58.3		0	80	261	16	150	13632	1	-60.1	21.4	1	88	273	17	150	13650	0	-60.4	20.8		0	87	265	34
200	11778	0	-58.0		0	76	261	19	200	11838	1	-59.9	12.6	1	84	269	18	200	11858	0	-59.9	14.2		0	79	262	35
300	9175	0	-46.6		0	66	260	17	300	9251	1	-47.0	8.5	1	77	263	17	300	9262	0	-45.7	11.2		0	75	256	32
500	5591	0	-20.0	12.3	0	69	247	12	500	5663	1	-19.5	13.6	1	73	255	10	500	5656	0	-18.3	13.4		0	76	248	22
700	3014	0	-3.9	9.4	0	65	245	9	700	3075	1	-2.4	12.9	1	74	255	8	700	3058	0	-1.5	11.9		0	77	253	15
850	1459	0	4.4	4.3	0	69	234	8	850	1507	0	5.1	10.3	0	70	260	6	850	1489	0	6.0	8.5		0	56	255	6
999	* 128		10.4	3.5					1009	* 91		5.8	2.5					948	* 595		10.3	6.8					
EUROPE - ITALY MILANO/LINATE 16080 NOV 2002 4526N 00917E OB 3								EUROPE - ITALY PRATICA DI MARE 16245 NOV 2002 4139N 01226E OB 3								EUROPE - ITALY BRINDISI 16320 NOV 2002 4039N 01757E OB 3											
030	23693	3	-57.9	23.6	3	76	299	10	030	23713	5	-58.0	26.5	7	70	292	8	030	23699	0	-57.9	29.5		1	79	287	7
050	20484	3	-59.4	22.8	3	71	286	8	050	20509	3	-59.8	25.6	6	74	288	8	050	20504	0	-60.5	28.3		0	82	281	7
100	16137	1	-59.0	21.4	1	66	274	10	100	16186	1	-59.8	24.2	2	80	272	11	100	16197	0	-61.7	24.9		0	89	266	13
150	13588	1	-57.1	20.5	1	70	275	14	150	13653	0	-59.1	21.9	2	75	270	14	150	13679	0	-60.0	22.5		0	84	261	16
200	11765	1	-57.5	15.4	1	66	269	19	200	11844	0	-57.5	16.3	1	68	267	17	200	11881	0	-59.1	15.0		1	79	262	20
300	9161	1	-46.6	10.1	1	60	263	16	300	9234	0	-45.5	10.1	1	63	258	17	300	9280	0	-45.1	9.5		1	70	257	17
500	5576	1	-19.9	9.5	1	59	252	9	500	5630	0	-18.4	12.0	3	66	258	11	500	5665	0	-17.7	11.5		1	73	247	12
700	2997	1	-4.1	4.8	1	49	222	6	700	3035	0	-2.0	8.3	2	63	242	8	700	3063	0	-1.1	12.7		0	68	230	8
850	1437	1	4.9	3.9	1	40	180	3	850	1465	0	7.2	5.9	1	62	195	6	850	1488	0	7.6	7.8		0	54	217	5
999	* 103		10.9	2.2					1008	* 32		16.2	4.9					1015	* 10		16.4	4.7					

UPPER AIR

NOVEMBER 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
EUROPE - ITALY CAGLIARI/ELMAS 16560 NOV 2002 3915N 00904E OB /									EUROPE - GREECE HERAKLION (AIRPORT) 16754 NOV 2002 3520N 02511E OB /									EUROPE - TURKEY SAMSON 17030 NOV 2002 4117N 03618E OB 3								
030	23738	0	-57.4	30.6	1	51	288	5	030	23679	27	-57.0	31.7	9	79	274	9	030	23669	4	-58.9	30.7	4	93	284	12
050	20535	0	-59.9	29.2	0	64	272	6	050	20506	16	-62.3	29.9	9	84	271	8	050	20482	3	-63.0	29.2	3	97	284	13
100	16222	0	-61.3	27.2	0	72	263	11	100	16270	7	-64.6	23.0	7	95	265	20	100	16188	2	-62.0	26.7	2	96	286	15
150	13699	0	-59.3	24.4	0	70	269	16	150	13780	5	-61.6	20.8	6	94	265	24	150	13680	1	-60.8	22.9	1	87	283	16
200	11893	0	-57.9	16.9	0	64	270	19	200	11991	3	-58.2	15.2	3	86	269	21	200	11891	0	-59.9	16.2	0	78	283	16
300	9270	0	-44.4	10.8	0	58	261	17	300	9366	2	-43.1	13.3	3	73	275	17	300	9299	0	-46.4	13.3	0	74	278	14
500	5653	0	-17.5	12.3	0	56	255	11	500	5729	2	-16.0	18.3	2	74	263	11	500	5700	0	-18.4	19.1	0	68	279	9
700	3049	0	-7	12.0	0	54	256	7	700	3103	2	2.3	22.8	2	60	265	6	700	3105	0	-1.2	17.2	0	67	272	5
850	1471	0	8.3	8.0	0	49	262	6	850	1512	2	10.5	15.8	4	43	245	3	850	1529	0	8.5	14.4	0	77	256	5
1013	* 5		16.1	2.6					1012	* 39		15.4	4.1					1020	* 4		13.1	6.2				
EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 NOV 2002 4058N 02905E OB 3									EUROPE - TURKEY ANKARA/CENTRAL 17130 NOV 2002 3957N 03253E OB 3									EUROPE - TURKEY IZMIR/GUZELYALT 17220 NOV 2002 3826N 02710E OB 3								
030	23667	10	-59.7		9	99	270	11	030	23681	1	-58.4		1	94	282	9	030	23713	6	-57.7		6	89	279	8
050	20475	6	-62.3		7	82	270	9	050	20496	1	-61.8		1	90	272	10	050	20521	4	-61.8		4	90	275	9
100	16184	3	-62.4		3	93	275	14	100	16211	1	-62.6		1	90	274	15	100	16244	3	-63.3		4	94	263	18
150	13682	2	-61.2		3	83	275	15	150	13704	1	-60.7		1	89	274	16	150	13740	2	-61.4		2	87	266	21
200	11890	1	-59.8		2	80	265	16	200	11911	0	-59.9		0	76	283	14	200	11943	0	-58.9		1	80	265	21
300	9290	0	-45.7		0	75	260	12	300	9309	0	-45.7		0	75	274	13	300	9333	0	-44.7		0	76	266	16
500	5684	0	-18.1	14.1	0	67	250	8	500	5701	0	-17.4	23.0	0	68	269	8	500	5709	0	-16.8	15.5	0	69	264	11
700	3079	0	-3	17.1	0	67	245	6	700	3094	0	-5	21.6	0	66	240	6	700	3092	0	1.2	20.6	0	60	246	6
850	1501	0	7.9	13.8	0	50	240	3	850	1520	0	7.3	11.2	0	65	219	3	850	1507	0	9.5	16.9	0	62	220	5
1013	* 33		12.5	4.6					918	* 891		5.0	4.2					1014	* 29		12.9	3.5				
EUROPE - TURKEY ISPARTA 17240 NOV 2002 3745N 03033E OB 3									EUROPE - TURKEY DIYARBAKIR 17280 NOV 2002 3753N 04012E OB 3									EUROPE - CYPRUS ATHALASSA 17607 NOV 2002 3509N 03324E OB 2								
030	23716	9	-57.7		9	89	277	8	030	23682	4	-57.6	30.4	5	91	261	11	030								
050	20533	9	-62.1		9	90	278	9	050	20493	2	-61.6	30.4	2	93	265	12	050	20533	15	-62.5	30.1	9	90	279	9
100	16257	7	-63.4		8	94	273	18	100	16224	0	-63.4	27.2	0	92	268	16	100	16288	0	-64.9	27.2	0	93	274	20
150	13756	5	-60.8		5	90	264	20	150	13724	0	-61.4	24.2	0	85	266	20	150	13799	0	-61.6	23.2	0	90	270	27
200	11955	2	-59.1		3	81	269	18	200	11931	0	-58.7	19.9	0	78	271	19	200	12008	0	-58.5	18.8	0	85	268	26
300	9351	0	-44.7		0	75	265	15	300	9320	0	-45.2	17.6	0	75	271	15	300	9383	0	-43.5	16.1	0	75	272	19
500	5726	0	-16.6	19.0	0	71	255	10	500	5708	0	-17.7	18.5	0	64	266	7	500	5744	0	-15.8	21.8	0	65	279	10
700	3109	0	1.0	23.1	0	62	238	5	700	3102	0	-3	17.9	0	38	292	3	700	3118	0	2.4	24.3	0	44	260	4
850	1526	0	8.5	11.5	0	67	158	2	850	1520	0	10.1	15.3	0	17	33	1	850	1527	0	10.2	12.9	0	6	126	1
906	* 997		.4						943	* 677		8.6	8.5					998	* 161		23.8	15.0				

UPPER AIR

NOVEMBER 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
EUROPE - RUSSIAN FEDERATION (EUROPE) MURMANSK 22113 NOV 2002 6859N 03307E OB 3								EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK 22550 NOV 2002 6437N 04030E OB 3								EUROPE - RUSSIAN FEDERATION (EUROPE) ST. PETERBURG (VOEJKOVO) 26063 NOV 2002 5957N 03042E OB 3										
030	22831	4	-75.1	21.9	4	92	296	22	030	23015	9	-72.4	14.3	9	94	287	26	030	23214	7	-68.4	25.3	9	95	291	27
050	19835	1	-70.6	23.1	2	91	296	18	050	19977	3	-67.8	15.4	3	92	292	20	050	20129	3	-65.2	25.6	3	93	288	21
100	15640	1	-62.3	25.0	1	91	307	14	100	15731	2	-60.2	16.2	2	89	298	15	100	15846	0	-58.9	25.6	1	91	288	15
150	13114	1	-58.4	23.9	1	89	318	12	150	13185	2	-57.0	15.5	2	85	299	13	150	13282	0	-55.6	24.0	0	88	290	15
200	11304	1	-58.8	17.2	1	80	329	11	200	11362	1	-57.4	12.4	1	74	298	12	200	11446	0	-55.7	20.1	0	78	291	15
300	8761	1	-55.8	10.4	1	62	350	11	300	8780	0	-52.9	8.1	0	53	297	10	300	8859	0	-51.7	11.5	0	60	296	14
500	5340	1	-32.1	10.8	1	58	350	8	500	5323	0	-30.9	9.9	0	44	313	6	500	5387	0	-28.4	10.3	0	59	299	9
700	2883	1	-16.7	12.1	1	48	351	4	700	2862	0	-16.5	7.2	0	34	5	3	700	2899	0	-12.9	9.0	0	48	292	5
850	1404	0	-9.1	7.6	0	37	347	3	850	1381	0	-9.5	6.1	0	29	34	3	850	1398	0	-6.6	6.4	0	24	283	2
1002	* 121		-9.4	2.0					1015	* 4		-9.1	2.5					1005	* 78		-3.3	2.3				
EUROPE - LATVIA RIGA 26422 NOV 2002 5658N 02403E OB								EUROPE - RUSSIAN FEDERATION (EUROPE) VOLOGDA 27037 NOV 2002 5919N 03955E OB 3								EUROPE - RUSSIAN FEDERATION (EUROPE) KAZAN' 27595 NOV 2002 5536N 04917E OB 3										
030									030									030	23353	19	-66.1	14.0	9	93	281	26
050	20254	19	-62.9	27.2	9	94	284	19	050	20058	16	-65.2	9.6	9	93	291	20	050	20190	7	-63.5	14.0	7	93	281	22
100	15936	17	-58.2	27.9	9	92	282	16	100	15789	5	-58.9	8.6	5	92	290	16	100	15881	1	-59.1	13.8	1	93	283	19
150	13365	17	-54.9	27.0	9	89	276	16	150	13233	2	-55.6	8.0	2	88	286	16	150	13324	1	-56.6	12.3	1	90	281	20
200	11528	17	-55.4	22.3	9	85	269	18	200	11407	1	-55.4	7.0	1	82	284	17	200	11504	1	-57.7	9.9	1	85	279	22
300	8933	15	-50.9	11.8	9	73	275	17	300	8817	0	-50.8	6.0	0	65	282	14	300	8926	1	-51.1	7.6	1	80	276	20
500	5430	15	-25.8	12.4	9	54	277	8	500	5341	0	-28.6	6.4	0	58	284	10	500	5428	1	-27.0	5.7	1	79	278	17
700	2913	15	-10.2	10.0	9	60	252	6	700	2861	0	-13.9	5.3	0	56	293	7	700	2923	1	-12.0	5.6	1	78	273	13
850	1398	15	-3.4	7.6	9	47	243	4	850	1371	0	-10.9	3.6	0	48	296	4	850	1415	1	-4.8	4.3	1	73	272	10
1010	* 26		.7	1.5					998	* 126		-6.6	1.8					1002	* 116		-2.5	1.8				
EUROPE - RUSSIAN FEDERATION (EUROPE) MOSKVA (DOLGOPRUDNYJ) 27612 NOV 2002 5545N 03757E OB 0								EUROPE - RUSSIAN FEDERATION (EUROPE) ROSTOV-NA-DONU 34731 NOV 2002 4715N 03949E OB 3								EUROPE - ISRAEL BET DAGAN 27595 NOV 2002 5536N 04917E OB 3										
030	23265	7	-67.2	14.5	7	96	287	28	030	23533	16	-60.7	10.3	9	95	274	20	030								
050	20159	1	-63.6	15.8	1	97	286	22	050	20346	9	-61.0	9.6	9	95	279	15	050	20552	5	-63.5					
100	15872	0	-59.1	15.0	0	95	283	18	100	16034	7	-60.2	8.7	9	94	283	16	100	16341	0	-66.7		0	95	262	27
150	13316	0	-56.3	13.9	0	91	281	18	150	13504	3	-59.2	7.2	4	92	281	19	150	13876	0	-63.0		0	93	264	33
200	11496	0	-56.8	12.0	0	87	281	22	200	11711	2	-60.0	6.5	2	81	282	21	200	12084	0	-57.4		0	89	265	31
300	8910	0	-50.4	8.8	0	78	279	23	300	9140	2	-48.6	7.0	2	78	281	21	300	9440	0	-41.7	13.2	0	77	264	22
500	5414	0	-27.1	8.6	0	76	276	15	500	5579	0	-21.7	9.7	0	86	272	17	500	5773	0	-14.1	19.5	0	69	272	11
700	2914	0	-11.2	8.5	0	73	272	11	700	3022	0	-5.2	13.4	0	85	263	12	700	3131	0	3.5	20.6	0	50	245	5
850	1409	0	-5.1	5.2	0	60	278	7	850	1479	0	1.4	9.4	0	53	244	5	850	1531	0	12.2	14.6	0	41	202	3
992	* 200		-1.6	2.4					1011	* 78		4.1	3.4					1013	* 35		20.7	10.1				

UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND				
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
EUROPE - JORDAN MAFRAQ 27612 NOV 2002 5545N 03757E OB 0									ASIA - RUSSIAN FEDERATION (IN ASIA) OSTROV DIKSON 20674 NOV 2002 7330N 08024E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) NAR'JAN-MAR 23205 NOV 2002 6738N 05302E OB 3										
030									030	22787	19	-72.1			9	53	222	5	030	22856	9	-73.5	16.5		9	81	281	16
050									050	19779	13	-68.3			9	47	216	4	050	19806	1	-69.3	14.7		4	80	293	14
100	16340	6	-66.0		7	95		25	100	15538	12	-60.1			9	39	244	3	100	15588	1	-61.3	17.2		2	76	303	12
150	13866	1	-58.1		1	93	273	32	150	13001	10	-56.3			9	28	243	2	150	13049	1	-57.8	17.4		1	75	308	11
200	12075	1	-58.0		2	87	275	36	200	11164	10	-54.2			9	23	252	2	200	11230	1	-57.4	15.0		1	70	312	12
300	9433	0	-41.9		2	75	279	28	300	8575	9	-54.9			9	16	250	3	300	8668	1	-54.9	10.6		2	52	315	9
500	5770	0	-14.6	20.2	2	69	287	15	500	5194	8	-36.2	5.7		8	29	221	5	500	5260	1	-33.7	5.8		1	53	331	8
700	3133	0	.3	21.8	1	92	280	15	700	2781	7	-20.5	4.7		7	34	213	4	700	2823	1	-19.2	8.4		1	55	342	7
850	1536	0	11.1	12.4	2	35	194	8	850	1323	7	-14.0	3.2		9	36	208	4	850	1362	1	-13.1	4.3		1	50	357	5
941	* 687		10.8	6.7					1006	* 47		-14.0	2.2						1013	* 12		-12.3	2.4					
ASIA - RUSSIAN FEDERATION (IN ASIA) TURUHANSK 23472 NOV 2002 6547N 08756E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) SYKTYVKAR 23804 NOV 2002 6140N 05051E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) HANTY-MANSIJSK 23933 NOV 2002 6101N 06902E OB 3										
030	22770	16	-72.1	8.4	9	91	267	13	030	22974	9	-71.3	9.5	9	89	279	23	030										
050	19679	7	-67.9	8.3	7	84	267	9	050	19943	4	-67.7	10.9	4	89	285	21	050	19838	24	-69.3			9	99	293	24	
100	15472	6	-60.3	8.1	6	74	279	7	100	15704	1	-60.9	9.8	1	88	288	17	100	15659	23	-61.7			9	93	291	20	
150	12918	6	-57.2	7.1	6	74	283	8	150	13161	1	-57.4	9.1	1	84	287	15	150	13131	21	-59.9			9	93	290	22	
200	11090	6	-56.5	5.9	6	65	282	9	200	11336	1	-57.2	8.0	1	77	285	15	200	11348	20	-61.2			9	84	283	22	
300	8515	6	-55.4	4.4	6	50	274	9	300	8769	0	-53.9	6.0	1	61	283	14	300	8801	18	-53.9			9	84	277	24	
500	5151	6	-38.6	4.8	6	50	270	7	500	5320	0	-30.3	6.8	0	57	280	10	500	5305	15	-31.3	7.3		9	78	292	15	
700	2774	5	-24.2	5.5	6	49	252	5	700	2851	0	-15.7	7.5	0	36	276	4	700	2864	11	-16.8	5.6		9	66	293	8	
850	1338	5	-18.0	4.0	6	54	243	4	850	1367	0	-9.2	5.4	0	12	266	1	850	1386	11	-11.3	5.2		9	50	290	4	
1011	* 38		-19.6	3.8					999	* 116		-8.5	2.3						1013	* 46		-14.4	1.9					
ASIA - RUSSIAN FEDERATION (IN ASIA) OLENEK 24125 NOV 2002 6830N 11226E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) VERHOJANSK 24266 NOV 2002 6734N 13324E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) TURA 24507 NOV 2002 6416N 10014E OB 3										
030									030	23141	4	-60.9	10.8	4	98	212	23	030	22968	11	-66.5	8.1		9	87	250	13	
050	19767	8	-65.1	7.5	8	69	218	7	050	19924	2	-59.8	9.9	2	96	201	15	050	19818	6	-65.3	7.5		7	85	260	9	
100	15483	6	-59.4	6.8	6	31	226	3	100	15569	0	-57.4	8.5	0	72	173	7	100	15541	2	-59.7	6.9		3	74	277	7	
150	12913	5	-57.2	5.8	5	27	229	3	150	12996	0	-57.0	7.0	0	57	161	6	150	12993	1	-57.1	5.9		1	75	286	7	
200	11097	5	-57.5	5.0	5	26	238	4	200	11187	0	-59.0	5.7	0	48	160	6	200	11173	1	-57.4	5.0		1	68	283	8	
300	8556	5	-56.4	4.2	5	23	260	5	300	8651	0	-55.9	5.0	0	37	162	7	300	8613	1	-55.6	4.1		1	49	281	8	
500	5177	5	-35.7	4.9	5	32	265	5	500	5249	0	-33.6	6.5	0	44	160	6	500	5223	0	-36.4	4.8		0	51	278	6	
700	2770	5	-21.7	5.2	5	42	265	4	700	2823	0	-19.7	6.8	0	50	154	4	700	2817	0	-22.7	5.4		1	60	279	5	
850	1329	5	-17.6	3.9	5	39	266	3	850	1371	0	-16.5	5.2	0	47	156	3	850	1376	0	-17.2	5.2		1	66	289	5	
990	* 220		-28.3	2.8					1006	* 138		-33.1	3.6						998	* 168		-27.1	3.7					

UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED					
																											hPa	gpm	° C	° C	%
ASIA - RUSSIAN FEDERATION (IN ASIA) ALDAN 31004 NOV 2002 5837N 12522E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) OHOTSK 31088 NOV 2002 5922N 14312E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) HABAROVSK 31736 NOV 2002 4832N 13514E OB 3													
030	23227	2	-53.8	13.2	2	89	227	23	030	23467	9	-49.4	11.7	9	94	222	24	030													
050	19952	0	-55.9	11.3	0	75	225	12	050	20133	8	-51.7	10.3	8	92	218	16	050													
100	15558	0	-55.5	9.5	0	28	233	3	100	15666	5	-53.0	8.1	5	68	201	8	100	15755	20	-51.7	9.8	9	97	251	25					
150	12974	0	-55.6	7.8	0	10	296	1	150	13054	4	-53.9	6.7	4	51	168	5	150	13126	20	-51.9	8.0	9	96	253	24					
200	11144	0	-56.6	6.1	0	17	23	2	200	11210	3	-55.5	5.2	4	43	144	5	200	11271	20	-53.4	6.9	9	95	249	21					
300	8591	0	-56.3	4.8	0	30	55	5	300	8640	3	-55.7	4.2	3	30	105	5	300	8684	20	-54.6	5.4	9	86	250	17					
500	5212	0	-36.1	6.0	0	25	19	3	500	5237	0	-34.5	5.7	0	37	95	5	500	5273	20	-34.2	6.0	9	74	256	11					
700	2814	0	-23.2	5.2	0	40	335	4	700	2809	0	-19.7	6.9	0	45	94	3	700	2851	20	-20.5	8.1	9	51	282	5					
850	1384	0	-20.8	3.9	0	58	292	4	850	1346	0	-13.3	5.9	0	62	82	4	850	1394	20	-14.8	5.3	9	48	265	4					
935	* 79		-20.7	3.4					1012	* 6		-12.0	5.4					1012	* 72		-15.1	2.6									
ASIA - RUSSIAN FEDERATION (IN ASIA) VLADIVOSTOK (SAD GOROD) 31977 NOV 2002 4316N 13203E OB 3									ASIA - RUSSIAN FEDERATION (IN ASIA) JUZHNO-SAHALINSK 32150 NOV 2002 4657N 14243E OB 1									ASIA - RUSSIAN FEDERATION (IN ASIA) PETROPAVLOVSK- KAMCATSKIJ 32540 NOV 2002 5305N 15835E OB 3													
030	23715	20	-48.5	13.9	9	94	238	18	030	23645	18	-49.7	14.3	9	88	234	16	030	23754	5	-47.4	14.7	5	73	219	9					
050	20365	17	-51.3	12.4	9	97	248	21	050	20314	16	-50.4	13.0	9	95	243	22	050	20380	4	-47.7	13.2	4	85	230	12					
100	15880	13	-52.4	11.0	9	96	258	28	100	15815	13	-50.5	11.4	9	95	249	27	100	15800	4	-48.6	11.3	4	90	241	13					
150	13251	11	-50.8	9.9	9	96	257	29	150	13182	12	-50.4	10.2	9	96	253	30	150	13157	2	-50.4	9.1	2	87	247	12					
200	11391	8	-51.1	8.6	7	93	263	28	200	11300	12	-49.9	9.2	9	94	254	28	200	11290	2	-52.1	7.2	2	76	245	11					
300	8771	4	-51.4	6.9	4	91	266	25	300	8659	12	-51.1	7.1	9	82	256	23	300	8690	1	-53.1	5.4	1	46	238	8					
500	5324	0	-31.7	7.1	0	86	274	18	500	5244	12	-34.3	6.4	9	71	269	13	500	5250	1	-31.4	6.8	1	27	250	4					
700	2877	0	-17.7	7.7	0	86	289	12	700	2819	12	-19.3	5.8	9	59	266	8	700	2790	1	-15.9	7.4	1	1	193	0					
850	1411	0	-12.1	6.1	0	82	318	11	850	1359	12	-11.9	2.9	9	45	302	5	850	1305	1	-8.2	6.4	1	28	33	2					
1008	* 82		-5.6	6.7					1010	* 24		-4.4	2.5					993	* 84		-3.0	5.8									
ASIA - RUSSIAN FEDERATION (IN ASIA) ORENBURG 35121 NOV 2002 5141N 05506E OB 3									ASIA - SAUDI ARABIA HAFR AL-BATIN 40373 NOV 2002 2820N 04607E OB									ASIA - SAUDI ARABIA TABUK 40375 NOV 2002 2822N 03636E OB 3													
030	23375	8	-64.4	10.0	8	95	277	26	030	23791	18	-56.3	25.0	9	60	275	3	030	23805	15	-56.1	24.0	9	73	272	5					
050	20249	2	-63.5	9.6	2	94	278	22	050	20610	17	-64.1	20.4	9	91	280	7	050	20621	15	-64.4	17.6	9	84	274	5					
100	15955	1	-59.6	8.8	1	92	279	20	100	16423	14	-67.8	17.4	9	97	266	26	100	16469	13	-70.6	14.9	9	97	268	26					
150	13411	1	-57.9	7.5	1	90	276	20	150	13958	13	-61.8	17.6	9	97	264	31	150	14018	13	-63.3	14.8	9	96	272	35					
200	11594	0	-59.2	6.3	0	83	275	23	200	12159	12	-54.8	15.4	9	95	267	33	200	12217	13	-55.5	14.7	9	97	270	35					
300	9023	0	-49.7	6.3	0	79	269	23	300	9481	9	-39.4	13.8	9	96	268	29	300	9535	13	-38.0	15.2	9	88	267	26					
500	5501	0	-24.3	8.8	0	81	270	17	500	5787	8	-13.0	19.6	8	90	275	15	500	5821	13	-11.8	20.5	9	84	264	12					
700	2977	0	-9.4	7.2	0	80	270	12	700	3136	8	4.4	20.1	8	87	280	9	700	3155	13	6.1	18.7	9	53	244	4					
850	1460	0	-3.3	7.0	0	74	260	10	850	1527	8	13.5	16.2	8	75	287	5	850	1536	13	15.8	13.3	9	41	116	3					
1007	* 117		1.2	5.3					975	* 358		19.6	17.1					929	* 768		20.5	16.1									

UPPER AIR

NOVEMBER 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
ASIA - SAUDI ARABIA HAIL 40394 NOV 2002 2726N 04141E OB 3									ASIA - SAUDI ARABIA KING FAHAD INT. AIRPORT 40417 NOV 2002 2627N 04949E OB 3									ASIA - SAUDI ARABIA MADINAH 40430 NOV 2002 2433N 03942E OB 3								
030	23807	6	-55.2	24.1	6	65	260	3	030	23806	6	-55.1	25.6	6	48	275	2	030	23835	6	-55.3	26.1	6	13	179	1
050	20617	6	-64.2	19.0	6	70	270	4	050	20613	5	-64.4	20.4	5	75	272	4	050	20646	6	-65.1	20.7	6	49	261	3
100	16453	3	-68.9	14.9	3	98	271	25	100	16474	3	-70.8	15.6	3	96	266	26	100	16527	4	-71.2	15.4	4	98	269	24
150	14002	3	-63.4	13.9	3	98	270	32	150	14032	3	-63.8	15.5	3	95	264	35	150	14090	4	-63.9	14.6	4	99	271	29
200	12204	3	-55.6	13.8	3	97	271	34	200	12233	3	-54.8	15.9	3	92	266	37	200	12293	4	-55.0	14.6	5	98	270	31
300	9525	3	-38.4	14.1	3	95	268	27	300	9541	3	-37.3	16.3	3	92	269	29	300	9595	4	-36.6	16.6	4	98	270	24
500	5816	3	-11.9	18.7	3	93	268	14	500	5819	3	-10.9	22.4	3	90	276	14	500	5854	4	-9.6	21.0	4	89	263	12
700	3153	3	5.5	14.7	3	87	249	8	700	3150	3	5.2	19.8	3	76	283	7	700	3171	4	7.8	14.6	4	75	224	6
850	1535	3	15.7	13.5	3	50	192	3	850	1534	3	14.9	18.2	3	69	297	4	850	1537	4	19.1	14.7	4	52	146	3
905	*1013		18.3	14.1					1015	* 12		22.5	14.0					942	* 636		26.5	21.1				
ASIA - SAUDI ARABIA KING KHALED INT. AIRPORT 40437 NOV 2002 2456N 04643E OB 3									ASIA - IRAN, ISLAMIC REPUBLIC OF KERMAN 40841 NOV 2002 3015N 05658E OB 3									ASIA - SAUDI ARABIA JEDDAH (KING ABDUL AZIZ INT.) 41024 NOV 2002 2142N 03911E OB 3								
030	23813	13	-55.5	25.8	9	24	305	1	030	23731	3	-55.2						030	23836	15	-55.3	25.4	9	67	100	4
050	20623	13	-64.6	21.6	9	74	251	4	050	20536	2	-64.0						050	20650	13	-65.9	18.7	9	12	311	1
100	16498	12	-71.4	16.0	9	97	260	24	100	16349	0	-67.9						100	16572	4	-73.4	13.5	7	95	270	19
150	14061	12	-64.0	14.7	9	96	261	33	150	13891	0	-63.0						150	14142	3	-64.7	14.3	4	98	271	25
200	12266	12	-54.8	15.1	9	95	259	36	200	12093	0	-55.7	17.1					200	12347	3	-54.1	15.3	3	96	270	26
300	9570	12	-36.7	15.4	9	95	262	28	300	9431	0	-40.7	14.1					300	9632	3	-34.6	19.2	3	95	271	21
500	5839	12	-10.0	21.5	9	93	265	14	500	5764	0	-14.2	12.8					500	5868	3	-8.5	23.3	3	89	260	9
700	3162	12	6.3	14.4	9	69	271	6	700	3133	0	2.4	9.2					700	3172	3	9.1	13.3	3	67	197	5
850	1539	11	16.4	14.7	9	52	218	3	829	*1754		3.5	7.5					850	1530	3	19.6	8.5	3	71	168	4
947	* 612		21.0	16.7														1010	* 17		29.0	8.2				
ASIA - SAUDI ARABIA ABHA 41112 NOV 2002 1814N 04239E OB									ASIA - UNITED ARAB EMIRATES ABU DHABI INTER. AIRPORT 41217 NOV 2002 2426N 05439E OB 3									ASIA - OMAN SEEB, INTERNATIONAL AIRPORT 41256 NOV 2002 2335N 05817E OB 1								
030	23808	10	-56.2	23.4	9	85	87	5	030	23733	19	-54.8		9	19	147	1	030	23760	22	-54.1	8.5	9	41	41	3
050	20633	9	-66.1	18.7	9	37	154	2	050	20561	0	-66.4		1	65	273	4	050	20594	6	-66.6	18.9	7	50	282	4
100	16599	7	-74.8	12.7	8	92	267	9	100	16487	0	-74.2		1	93	263	24	100	16531	0	-75.2	11.5	0	92	266	22
150	14190	7	-66.3	13.2	7	94	264	19	150	14074	0	-65.7		0	92	260	34	150	14126	0	-61.5	17.1	0	91	262	32
200	12395	6	-53.8	15.4	6	89	265	20	200	12284	0	-54.8	19.8	0	89	266	35	200	12367	0	-51.0	18.0	0	88	264	32
300	9665	6	-33.1	19.4	6	87	266	15	300	9578	0	-35.3	18.8	0	88	267	30	300	9630	0	-34.0	21.0	0	84	280	36
500	5877	5	-7.0	20.0	5	61	262	5	500	5828	0	-9.4	26.0	0	84	276	13	500	5858	0	-8.0	28.1	0	83	271	13
700	3173	5	9.6	11.2	5	12	20	1	700	3151	0	6.5	21.3	0	69	300	5	700	3170	0	6.8	16.9	0	52	299	3
796	*2093		17.7	11.3					850	1529	0	16.2	17.2	0	44	317	2	850	1549	0	17.0	14.2	0	32	286	18
									1012	* 27		25.2	8.1					1014	* 8		22.5	5.4				

UPPER AIR

NOVEMBER 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	%	°
ASIA - INDIA CALCUTTA/DUM DUM 42809 NOV 2002 2239N 08827E OB 3									ASIA - INDIA NAGPUR SONEGAON 42867 NOV 2002 2106N 07903E OB 3									ASIA - INDIA BHUBANESWAR 42971 NOV 2002 2015N 08550E OB 3														
030	23839	6	-54.8		9	55	263	5	030			-63.4							030			-63.6						9	64	297	3	
050	20626	2	-65.0		4	74	279	6	050	20591	9	-79.2							050	20677	9	-78.6						2	87	236	9	
100	16573	2	-77.9		4	94	255	16	100	16525	6	-67.7			9	69	243	5	100	16606	2	-66.7						2	87	236	9	
150	14198	0	-66.9		2	94	248	26	150	14176	3	-54.0			6	89	241	18	150	14235	1	-52.5						1	90	229	18	
200	12404	0	-52.9		0	93	253	28	200	12378	3	-32.1			4	92	245	22	200	12432	0	-30.6						0	85	261	13	
300	9666	0	-31.1		0	91	258	24	300	9656	1	-5.8			2	93	259	17	300	9687	0	-4.9						0	67	264	6	
500	5848	0	-5.4		0	87	269	13	500	5856	0	8.3	16.4		0	59	17	3	500	5860	0	10.0						0	51	315	4	
700	3131	0	9.7	16.3	0	76	289	6	700	3146	0	17.1	12.3	0	71	50	3	700	3139	0	15.5	12.6					0	84	15	6		
850	1501	0	15.6	9.2	0	80	355	4	850	1521	0	22.9	8.4						850	1507	0	22.5	4.7									
1011	* 6		23.3	4.6					978	* 310									1007	* 46												
ASIA - INDIA BOMBAY/SANTACRUZ 43003 NOV 2002 1907N 07251E OB 3									ASIA - INDIA HYDERABAD AIRPORT 43128 NOV 2002 1727N 07828E OB 3									ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR 43150 NOV 2002 1742N 08318E OB 3														
030									030										030													
050									050	20658	7	-60.0			7	51	96	3	050													
100	16535	6	-76.5		6	84	243	8	100	16529	4	-78.9			4	27	258	2	100	16520	0	-81.0						0	46	206	3	
150	14167	3	-67.2		3	92	233	17	150	14190	0	-69.3			0	87	211	13	150	14177	0	-68.1						0	87	209	12	
200	12390	2	-53.8		2	93	237	20	200	12411	0	-54.9			0	89	207	14	200	12388	0	-53.2	4.9					0	90	209	12	
300	9654	0	-31.6		0	91	258	16	300	9682	0	-31.3			0	87	241	9	300	9653	0	-31.9	7.2					0	76	239	7	
500	5853	0	-5.8		0	62	262	5	500	5859	0	-4.9			0	23	257	2	500	5843	0	-5.5	8.9					0	16	254	1	
700	3139	0	9.1	14.1	0	4	91	0	700	3139	0	9.7	12.1		0	26	5	1	700	3126	0	10.3	11.9					0	35	356	2	
850	1503	0	19.8	15.6	0	66	84	3	850	1504	0	17.9	12.3	0	87	53	5	850	1488	0	16.9	9.7					0	85	33	6		
1007	* 14		27.4	10.4					951	* 545		22.9	9.8						1004	* 66		25.3	6.8									
ASIA - INDIA GOA/PANJIM 43192 NOV 2002 1529N 07349E OB 3									ASIA - INDIA MANGALORE/PANAMBUR 43285 NOV 2002 1257N 07450E OB 3									ASIA - INDIA PORT BLAIR 43333 NOV 2002 1140N 09243E OB 3														
030									030										030													
050	20647	9	-63.0						050										050													
100	16531	5	-79.6		7	22	175	2	100										100	16561	4	-81.3										
150	14210	2	-69.2		3	79	196	11	150	14241	4	-68.2							150	14220	1	-68.6										
200	12431	2	-54.2		2	79	205	10	200	12452	1	-53.6							200	12434	1	-53.4						9	89	121	9	
300	9696	1	-31.1		1	51	244	5	300	9712	0	-30.4							300	9690	0	-30.2	7.2					9	88	105	6	
500	5860	0	-4.9	14.0	0	14	124	1	500	5875	0	-4.7			3	56	87	3	500	5860	0	-5.4	7.4					8	82	99	5	
700	3139	0	9.4	12.1	0	50	78	2	700	3152	0	9.5	9.7		0	48	92	2	700	3141	0	9.7	5.5					5	63	122	4	
850	1501	0	19.6	8.4	0	82	81	5	850	1512	0	18.8	5.3	0	75	77	3	850	1501	0	17.8	3.0					4	48	130	3		
1002	* 60		27.7	5.4					1007	* 31		27.2	3.8						1001	* 79		26.4	2.2									

UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
ASIA - INDIA COCHIN/WILLINGDON 43353 NOV 2002 0957N 07616E OB 3									ASIA - INDIA MINICOY 43369 NOV 2002 0818N 07309E OB 3									ASIA - INDIA THIRUVANANTHAPURAM 43371 NOV 2002 0829N 07657E OB 3									
030									030									030	23866	10	-56.5						
050									050									050	20673	3	-63.9						
100									100									100	16568	0	-78.5			0	63	106	4
150	14149	9	-71.1						150									150	14221	0	-68.7			0	86	129	12
200	12391	2	-56.5						200									200	12438	0	-54.0	6.0		0	86	122	11
300	9676	1	-32.2	6.1					300	9697	6	-31.3		6	73	104	6	300	9696	0	-30.7	6.0		0	86	114	6
500	5856	0	-5.7	7.9					500	5866	3	-5.2	7.3	3	51	79	3	500	5863	0	-5.1	6.8		0	41	90	3
700	3142	0	9.3	7.9					700	3141	1	9.5	6.8	1	46	62	2	700	3140	0	10.2	7.1		0	19	53	1
850	1502	0	18.2	3.7					850	1501	1	18.1	4.9	1	44	66	2	850	1496	0	18.7	3.5		0	45	30	2
1011	*	3	27.4	3.5					1002	*	2	26.9	2.2					1002	*	64	26.6	3.1					
ASIA - HONG KONG, CHINA KING'S PARK 45004 NOV 2002 2219N 11410E OB 1									ASIA - REPUBLIC OF KOREA OSAN AB 47122 NOV 2002 3706N 12702E OB 3									ASIA - REPUBLIC OF KOREA POHANG 47138 NOV 2002 3602N 12923E OB 3									
030	23769	4	-55.9	30.9	4	72	92	5	030	23811	1	-50.1	15.5	1	92	252	13	030	23758	0	-52.3			0	90	251	11
050	20583	1	-65.4	24.0	1	88	246	5	050	20508	0	-55.8	13.7	0	94	254	16	050	20479	0	-56.3			0	97	254	18
100	16574	0	-81.1	13.7	2	94	261	18	100	16119	0	-58.4	12.5	0	98	266	38	100	16145	0	-59.8			0	98	264	38
150	14227	0	-67.1	16.3	2	97	261	24	150	13558	0	-55.5	12.6	0	98	264	47	150	13601	0	-56.9			0	98	262	55
200	12431	0	-52.6	20.2	1	96	266	25	200	11708	0	-52.2	12.5	0	97	264	49	200	11760	0	-52.7			0	97	262	58
300	9683	0	-30.6	25.6	1	97	266	23	300	9060	0	-47.0	11.8	0	96	269	42	300	9110	0	-45.8	28.0		0	96	265	47
500	5866	0	-6.0	20.5	1	94	265	15	500	5519	0	-24.4	13.5	0	96	276	28	500	5553	0	-23.4	19.8		0	96	272	28
700	3162	0	7.1	9.8	0	72	259	6	700	2991	0	-10.0	13.7	0	93	284	18	700	3009	0	-7.7	20.1		0	92	281	16
850	1543	0	13.7	8.6	0	24	71	1	850	1478	0	-4.1	8.7	0	88	290	10	850	1481	0	-1.8	13.9		0	83	293	10
1011	*	66	19.4	5.8					1016	*	52	2.0	5.8					1021	*	6	6.1	11.2					
ASIA - REPUBLIC OF KOREA KWANGJU AB 47158 NOV 2002 3507N 12649E OB 3									ASIA - JAPAN WAKKANAI 47401 NOV 2002 4525N 14141E OB 2									ASIA - JAPAN SAPPORO 47412 NOV 2002 4303N 14120E OB 2									
030	23779	0	-52.2	12.8	0	94	254	12	030	23687	2	-49.6		2	89	228	11	030	23732	0	-50.5			1	90	237	11
050	20501	0	-57.3	11.2	0	97	257	18	050	20350	0	-51.0		0	95	239	18	050	20414	0	-51.8			0	95	239	16
100	16176	0	-61.4	10.2	0	99	266	40	100	15854	0	-51.3		0	96	250	26	100	15935	0	-53.5			0	98	253	32
150	13648	0	-57.9	10.5	0	98	264	57	150	13221	0	-51.2		1	97	253	31	150	13322	0	-51.8			0	97	251	38
200	11811	0	-52.9	10.7	0	98	264	60	200	11349	0	-50.4		1	95	252	30	200	11449	0	-50.0			0	96	253	39
300	9152	0	-44.7	11.2	0	97	267	47	300	8718	0	-50.8		1	84	256	25	300	8800	0	-49.0			0	89	254	35
500	5575	0	-22.1	12.4	0	96	274	28	500	5279	0	-32.8	6.6	0	80	264	17	500	5333	0	-31.1	8.2		0	88	257	22
700	3021	0	-7.1	13.0	0	94	284	18	700	2833	0	-17.4	6.5	0	82	265	12	700	2870	0	-15.4	8.2		0	87	271	14
850	1491	0	-1.5	9.7	0	83	304	9	850	1354	0	-8.5	.8	1	72	269	10	850	1383	0	-7.5	2.0		0	81	274	10
1021	*	13	4.0	4.6					1007	*	11	2.2	5.7					1009	*	26	2.2	5.4					

UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
ASIA - JAPAN NEMURO 47420 NOV 2002 4320N 14535E OB 2									ASIA - JAPAN AKITA 47582 NOV 2002 3943N 14006E OB 2									ASIA - JAPAN WAJIMA 47600 NOV 2002 3723N 13654E OB 2								
030	23735	2	-51.1		3	88	241	9	030	23747	1	-51.9		1	90	246	11	030	23747	2	-52.7		4	93	250	12
050	20419	0	-52.3		1	96	248	18	050	20459	1	-55.5		1	97	245	17	050	20471	0	-56.3		1	97	246	18
100	15959	0	-53.0		0	97	254	30	100	16041	0	-57.2		0	98	256	38	100	16115	0	-59.6		0	99	255	39
150	13344	0	-51.7		0	97	253	40	150	13470	0	-55.0		0	98	253	49	150	13563	0	-55.9		0	98	255	54
200	11471	0	-50.4		0	96	251	44	200	11614	0	-51.1		0	98	253	51	200	11715	0	-51.5		0	98	255	60
300	8825	0	-49.0		0	90	252	37	300	8949	0	-45.7		0	95	256	47	300	9052	0	-44.8		0	96	257	51
500	5345	0	-29.5	7.7	0	85	255	23	500	5425	0	-27.2	9.4	0	94	259	30	500	5497	0	-24.7	11.1	0	95	263	32
700	2867	0	-14.2	6.5	0	83	262	15	700	2930	0	-12.8	8.0	0	95	264	18	700	2977	1	-10.5	9.5	0	94	263	15
850	1371	0	-5.8	5.2	0	67	265	9	850	1425	0	-4.4	3.3	0	87	275	11	850	1457	0	-1.4	2.8	0	89	261	10
1005	* 39		3.5	5.8					1015	* 7		4.1	3.7					1015	* 14		7.4	4.8				
ASIA - JAPAN TATENO 47646 NOV 2002 3603N 14008E OB 2									ASIA - JAPAN YONAGO 47744 NOV 2002 3526N 13321E OB 2									ASIA - JAPAN SHIONOMISAKI 47778 NOV 2002 3327N 13546E OB 2								
030	23773	3	-53.7		3	93	251	10	030	23765	2	-52.7		2	92	253	11	030	23783	0	-54.3		0	84	248	8
050	20508	2	-56.2		2	97	246	18	050	20493	1	-57.6		1	98	249	17	050	20529	0	-58.6		0	98	249	17
100	16200	0	-62.9		0	99	255	43	100	16179	0	-62.4		0	99	258	42	100	16286	0	-67.3		0	98	257	43
150	13688	0	-58.7		0	99	255	61	150	13658	0	-57.8		0	97	258	58	150	13813	0	-61.1		0	98	257	62
200	11857	0	-52.4		0	98	254	66	200	11820	0	-52.2		0	97	257	64	200	11991	0	-52.3		0	98	257	68
300	9176	0	-41.0		0	96	251	58	300	9149	0	-42.8		0	97	258	52	300	9291	0	-38.3		0	97	255	57
500	5560	0	-20.5	14.9	0	96	261	32	500	5561	0	-21.8	12.3	0	96	268	30	500	5634	0	-18.1	14.8	0	98	261	31
700	3000	0	-6.3	12.0	0	92	268	15	700	3008	0	-7.3	11.7	0	93	279	16	700	3046	0	-3.3	11.2	0	92	270	16
850	1458	0	2.2	6.6	0	74	266	7	850	1479	0	-5	5.0	0	86	280	9	850	1490	0	3.7	7.5	0	82	282	9
1012	* 31		7.9	5.1					1018	* 8		8.5	5.5					1010	* 75		12.4	7.7				
ASIA - JAPAN FUKUOKA 47807 NOV 2002 3335N 13023E OB 2									ASIA - JAPAN KAGOSHIMA 47827 NOV 2002 3133N 13033E OB 2									ASIA - JAPAN NAZE/FUNCHATOGE 47909 NOV 2002 2823N 12933E OB 2								
030	23764	2	-53.2		2	91	251	11	030	23785	3	-53.8		3	78	252	7	030	23777	2	-55.2		2	66	229	4
050	20512	0	-59.2		0	98	252	18	050	20544	3	-59.5		3	97	252	15	050	20564	1	-62.0		2	97	255	11
100	16246	0	-65.5		0	98	260	45	100	16335	0	-69.9		1	98	261	44	100	16450	0	-75.6		1	98	260	38
150	13760	0	-59.9		0	97	259	61	150	13892	0	-62.6		1	97	260	62	150	14058	0	-65.2		1	96	257	52
200	11931	0	-52.1		0	97	258	67	200	12076	0	-52.2		0	97	260	67	200	12255	0	-52.4		1	97	260	53
300	9243	0	-40.6		0	98	260	55	300	9362	0	-36.7	15.9	0	98	260	58	300	9518	0	-32.9	14.6	1	98	261	49
500	5619	0	-19.3	15.9	0	96	268	29	500	5679	0	-16.0	17.8	0	97	264	30	500	5764	0	-11.3	12.9	0	98	264	29
700	3044	0	-4.5	15.0	0	94	281	16	700	3073	0	-1.9	14.0	0	92	277	15	700	3113	0	2.1	16.2	0	91	271	13
850	1498	0	1.7	7.9	0	78	293	7	850	1508	0	4.9	10.4	0	78	300	8	850	1527	0	8.4	5.7	0	47	313	4
1018	* 15		11.5	8.3					1016	* 31		12.6	6.1					985	* 295		16.2	4.5				

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
ASIA - JAPAN ISHIGAKIJIMA 47918 NOV 2002 2420N 12410E OB 2									ASIA - JAPAN MINAMIDAITOJIMA 47945 NOV 2002 2550N 13114E OB 2									ASIA - JAPAN CHICHIJIMA 47971 NOV 2002 2705N 14211E OB 3								
030	23781	0	-56.0		0	57	152	3	030	23781	3	-56.0		4	45	153	2	030	23792	3	-55.9		3	48	122	2
050	20588	0	-63.8		0	95	253	6	050	20588	3	-63.4		3	94	250	7	050	20595	2	-63.7		3	88	241	5
100	16559	0	-80.1		0	96	261	26	100	16541	0	-79.6		0	96	258	30	100	16540	0	-78.7		0	97	254	29
150	14202	0	-66.6		0	95	258	33	150	14174	0	-66.1		0	95	258	38	150	14168	0	-66.2		0	97	261	39
200	12401	0	-52.1		0	96	264	34	200	12374	0	-52.2		0	96	260	40	200	12371	0	-53.0		0	97	259	40
300	9652	0	-30.6	17.9	0	98	263	32	300	9626	0	-31.1	15.1	0	97	259	37	300	9632	0	-31.8	12.6	0	97	257	36
500	5845	0	-7.2	14.0	0	97	264	21	500	5828	0	-7.9	10.3	0	97	258	25	500	5834	0	-7.2	11.4	0	97	251	26
700	3151	0	6.0	11.0	0	85	276	9	700	3141	0	5.9	13.5	0	89	269	11	700	3137	0	7.2	17.4	0	88	246	14
850	1543	0	11.3	2.4	0	44	21	3	850	1534	0	10.8	1.5	0	41	335	3	850	1524	0	12.2	3.7	0	50	240	5
1018	* 7		22.2	6.4					1015	* 20		21.2	5.1					1015	* 8		22.7	4.6				
ASIA - JAPAN MINAMITORISHIMA 47991 NOV 2002 2418N 15358E OB 3									ASIA - THAILAND CHIANG MAI 48327 NOV 2002 1847N 09859E OB 1									ASIA - THAILAND BANGKOK 48455 NOV 2002 1344N 10034E OB 1								
030	23798	6	-57.1		6	86	104	4	030	23780	5	-56.2		5	84	110	6	030	23785	9	-57.4					
050	20627	6	-65.7		6	52	99	3	050	20604	4	-66.6		4	80	270	4	050	20630	3	-67.2					
100	16626	0	-80.6		0	83	250	13	100	16618	2	-82.0		2	74	255	6	100	16638	1	-82.1		1	85	125	5
150	14269	0	-66.5		0	80	265	14	150	14273	2	-66.4		2	87	255	11	150	14297	1	-66.6	11.6	1	61	140	4
200	12472	0	-52.8		0	84	276	14	200	12475	1	-51.8		1	89	255	10	200								
300	9730	0	-31.2	14.3	0	87	255	12	300					1	79	265	7	300	9740	0	-28.7	14.7	0	66	115	3
500	5914	0	-5.4	17.3	0	87	245	9	500	5880	1	-3.9		1	58	270	4	500	5897	2	-4.1	8.3	2	82	120	5
700	3193	0	10.4	16.1	0	58	234	5	700	3156	1	9.9		1	73	230	4	700	3171	3	10.5	7.5	3	85	115	5
850	1557	0	16.1	4.7	0	34	162	3	850	1520	1	17.8		1	43	150	2	850	1531	9	19.1	5.5	1	83	115	5
1016	* 9		25.9	4.2					9999	* 314		21.5						1013	* 20		24.8	2.2				
ASIA - CHINA HAILAR 50527 NOV 2002 4913N 11945E OB 3									ASIA - CHINA URUMQI 51463 NOV 2002 4347N 08737E OB 3									ASIA - CHINA BEIJING 54511 NOV 2002 3956N 11617E OB 3								
030	23502	2	-48.7	8.1	2	95	255	21	030	23510	0	-58.0		0	95	280	21	030	23664	2	-50.9	21.1	3	93	257	13
050	20171	2	-51.9	7.1	2	90	265	19	050	20325	0	-61.1		0	95	282	20	050	20385	1	-56.4	19.0	1	95	267	19
100	15710	2	-53.8	6.0	2	89	282	17	100	16034	0	-61.6	6.8	0	0	282	24	100	16006	2	-58.0	18.3	2	97	277	31
150	13105	2	-53.9	5.2	2	89	294	17	150	13512	0	-60.1	7.9	0	0	285	27	150	13438	1	-55.6	17.9	1	97	278	38
200	11262	2	-55.1	4.5	2	90	302	18	200	11725	0	-62.2	7.5	0	96	285	25	200	11596	1	-54.7	16.7	1	98	280	39
300	8694	1	-55.3	3.7	1	78	316	18	300	9174	0	-50.9	7.5	0	91	288	20	300	9007	1	-51.6	15.2	1	95	285	36
500	5289	0	-34.7	4.5	0	75	326	12	500	5641	0	-23.1	9.6	0	93	297	13	500	5505	0	-26.2	21.1	0	96	291	25
700	2867	0	-21.0	4.3	0	73	333	8	700	3090	0	-5.6	11.0	0	75	318	6	700	2999	0	-12.0	16.5	0	94	302	15
850	1416	0	-15.2	2.8	0	57	323	4	850	1543	0	1.2	7.7	0	33	87	1	850	1492	0	-4.7	15.5	0	75	306	9
946	* 611		-18.6	2.0					917	* 919		.0	5.0					1021	* 55		.4	10.6				

UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND		
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
ASIA - CHINA LHASA 55591 NOV 2002 2940N 09108E OB 3									ASIA - CHINA KUNMING 56778 NOV 2002 2501N 10241E OB 3									ASIA - CHINA SHANGHAI 58362 NOV 2002 3124N 12128E OB 3								
030	23711	0	-56.9		0	88	271	7	030	23759	3	-53.3		9	0	106	5	030	23727	2	-53.7		2	64	245	7
050	20554	0	-67.6		0	0	283	9	050	20540	4	-64.4		9	0	242	6	050	20493	0	-61.7		2	89	261	16
100	16466	0	-72.9		0	97	270	35	100	16515	3	-79.5		9	96	272	23	100	16305	0	-70.1		1	98	266	43
150	14044	0	-63.9	11.9	0	98	264	50	150	14151	3	-67.2		9	0	270	36	150	13862	0	-62.6	11.5	0	97	265	61
200	12237	0	-52.7	9.7	0	96	264	53	200	12357	2	-53.6	9.8	4	97	273	37	200	12049	0	-52.7	11.6	0	96	267	65
300	9511	0	-35.0	11.0	0	93	269	40	300	9629	1	-33.0	11.6	1	0	270	33	300	9350	0	-38.6	12.5	0	98	267	55
500	5791	0	-11.5	10.9	0	88	256	7	500	5832	1	-7.6	13.3	1	95	270	20	500	5694	0	-17.2	13.0	0	96	274	26
656	*3650		-7	9.8					700	3145	1	5.2	4.4	1	90	258	9	700	3095	0	-2.4	12.8	0	86	280	12
									815	*1892		10.5	2.8					850	1536	0	4.1	12.1	0	63	309	5
																		1024	* 4		11.3	4.7				
AFRICA - MADEIRA FUNCHAL 08522 NOV 2002 3238N 01654W OB 3									AFRICA - CAPE VERDE SAL ISLAND 08594 NOV 2002 1644N 02257W OB 2									AFRICA - MOROCCO CASABLANCA 60155 NOV 2002 3334N 00740W OB 1								
030	23783	0	-55.6		0	52	69	3	030									030								
050	20580	0	-62.0		0	28	28	1	050	20562	3	-65.5		4	41	225	2	050								
100	16366	0	-68.6		0	81	295	6	100	16461	1	-74.7		1	92	250	11	100	16315	14	-65.7	25.3	9	77	287	12
150	13927	0	-65.4		0	77	294	9	150	14089	1	-68.6		1	92	260	23	150	13879	6	-64.2	20.2	9	76	286	19
200	12158	0	-59.9		0	69	297	10	200	12324	0	-56.5		1	94	250	28	200	12098	6	-58.8	15.7	9	75	291	22
300	9520	0	-40.5		0	72	297	8	300	9624	0	-34.9	10.8	0	85	250	19	300	9447	2	-41.2	13.7	9	71	293	20
500	5824	0	-11.8	19.6	0	67	304	6	500	5867		-8.7	15.0	0	46	220	3	500	5763	1	-13.4	18.6	7	75	290	13
700	3163	0	4.9	21.6	0	59	310	4	700	3191	0	7.9	16.2	0	21	180	1	700	3123	0	3.3	20.2	6	60	300	7
850	1557	0	11.8	13.4	0	42	341	2	850	1546	0	18.4	15.1	0	61	75	3	850	1526	0	11.0	15.7	6	37	283	4
1015	* 56		20.8	7.5					1010	* 57		25.8	7.8					1012	* 62		16.1	1.8				
AFRICA - ALGERIA DAR-EL-BEIDA 60390 NOV 2002 3643N 00315E OB 3									AFRICA - ALGERIA BECHAR 60571 NOV 2002 3137N 00214W OB 3									AFRICA - ALGERIA IN SALAH 60630 NOV 2002 2712N 00228E OB 2								
030									030									030								
050	20562	7	-60.6		7	42	300	5	050	20587	10	-61.2		9	15	300	1	050								
100	16268	0	-62.8		1	73	280	12	100	16347	0	-66.9		4	79	280	14	100	16393	0	-69.1					
150	13758	0	-60.3		1	69	300	19	150	13888	0	-64.5		4	77	280	22	150	13955	0	-65.1					
200	11958	0	-58.0		0	65	310	22	200	12109	0	-58.9		3	66	280	21	200	12176	0	-58.1					
300	9328	0	-43.4		0	61	310	21	300	9469	0	-40.8		3	66	280	19	300	9524	0	-39.9	20.3	9	68	290	14
500	5690	0	-16.5	13.9	0	45	280	10	500	5785	0	-12.8	21.2	3	66	290	11	500	5820	0	-11.0	24.5	9	59	300	8
700	3079	0	-5.4	22.1	0	61	270	9	700	3135	0	3.1	21.2	3	61	300	7	700	3151	0	5.9	22.8	3	52	240	6
850	1503	0	8.2	8.7	0	88	270	10	850	1537	0	12.6	16.3	3	35	280	3	850	1541	0	13.7	19.2	2	18	310	2
1013	* 25		16.5	2.0					926	* 773		16.9	13.3					987	* 293		23.5	20.3				

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
AFRICA - ALGERIA TAMANRASSET 60680 NOV 2002 2247N 00531E OB 3									AFRICA - TUNISIA TUNIS-CARTHAGE 60715 NOV 2002 3650N 01014E OB 1									AFRICA - NIGER NIAMEY-AERO 61052 NOV 2002 1329N 00210E OB 2								
030									030	23734	9	-57.5	26.8	9	49	329	4	030	23736	4	-58.0					
050									050	20539	5	-61.0	24.7	7	59	263	5	050	20579	3	-67.3					
100	16472	3	-71.5		4	97	255	24	100	16254	4	-63.8	20.8	7	82	269	12	100	16550	2	-76.7					
150	14053	3	-66.7		0	97	260	32	150	13742	3	-60.0	19.2	5	80	273	20	150	14175	2	-69.0					
200	12273	0	-56.3		0	97	260	31	200	11937	3	-57.2	15.2	4	71	277	21	200	12401	1	-55.0					
300	9589	0	-37.2	17.8	0	93	260	22	300	9305	1	-44.3	9.4	2	64	263	18	300	9679	0	-32.7	23.1				
500	5849	0	-8.9	28.9	0	82	270	9	500	5680	1	-16.8	12.4	2	64	264	12	500	5879	0	-6.4	28.4				
700	3169	0	6.3	19.9	0	69	280	4	700	3067	1	-.2	11.3	2	60	270	8	700	3171	0	9.3	24.5				
850	1544	0	19.2	23.1	0	50	230	2	850	1486	0	9.0	7.7	1	59	266	8	850	1533	0	21.1	27.6				
868	*1378		19.9	21.0					1013	* 4		15.8	3.3					987	* 227		29.5	24.2				
AFRICA - SENEGAL DAKAR/YOFF 61641 NOV 2002 1444N 01730W OB 3									AFRICA - OCEAN ISLANDS (FRANCE) PORT-AUX-FRANCAIS (ILES KERG 61998 NOV 2002 4921S 07015E OB 2									AFRICA - EGYPT MERSA MATRUH 62306 NOV 2002 3120N 02713E OB 3								
030	23730	0	-57.2	31.4	0	75	90	7	030									030								
050	20571	0	-66.6	24.5	0	24	240	1	050	20440	3	-52.7						050	20642	0	-62.8	.3	0	81	275	7
100	16497	0	-75.9	15.3	0	94	255	16	100	15996	0	-55.6						100	16388	0	-66.3	11.0	0	94	270	22
150	14131	0	-69.4	13.2	0	94	270	24	150	13417	0	-56.2						150	13915	0	-62.4	17.9	0	93	265	30
200	12363	0	-56.0	13.0	0	96	260	25	200	11591	0	-56.1						200	12117	0	-56.3	19.1	0	90	265	31
300	9654	0	-33.8	12.8	0	92	250	16	300	8967	0	-45.7		1	94	264	42	300	9459	0	-40.7	18.7	0	84	265	21
500	5874	0	-7.3	21.5	0	44	230	3	500	5394	0	-22.2	12.6	1	94	265	31	500	5782	0	-13.3	24.7	0	65	260	9
700	3178	0	8.1	18.7	0	63	100	4	700	2845	0	-7.6	13.2	1	91	268	21	700	3132	0	4.8	30.9	0	43	260	4
850	1542	0	20.6	23.5	1	85	75	4	850	1349	0	-.8	7.8	2	94	271	15	850	1526	0	12.6	26.6	0	25	275	2
1011	* 24		26.1	6.4					997	* 30		8.3	6.7					1014	* 29		20.6	12.0				
AFRICA - EGYPT HELWAN 62378 NOV 2002 2952N 03120E OB 3									AFRICA - EGYPT ASSWAN 62414 NOV 2002 2358N 03247E OB 3									AFRICA - SUDAN KHARTOUM 62721 NOV 2002 1536N 03233E OB 3								
030									030	23812				8	33	75	2	030								
050	20592	2	-63.7	3.2	2	80	280	7	050	20628				1	28	295	2	050								
100	16418	1	-67.8	10.5	1	93	275	18	100	16530	0	-71.8		0	96	265	27	100	16566	2	-76.9		9	45	215	9
150	13992	1	-63.1	19.5	1	93	275	25	150	14100	0	-65.3		0	98	265	34	150	14186	1	-67.7		9	97	270	31
200	12158	0	-56.3	17.7	0	90	280	22	200	12306	0	-54.2	20.0	0	97	265	41	200	12403	1	-54.1		8	90	270	28
300	9494	0	-39.7	15.7	0	80	270	16	300	9593	0	-34.7	22.2	0	94	265	30	300	9674	0	-32.3	30.7	6	69	270	16
500	5794	0	-12.4	27.6	0	65	270	7	500	5829	0	-7.8	35.0	0	93	270	18	500	5872	0	-55.6	38.4	3	31	190	4
700	3132	0	6.2	36.7	0	37	280	3	700	3130	0	8.7	41.4	0	83	275	8	700	3159	0	10.8	22.0	4	57	220	8
850	1520	0	13.5	24.2	0	19	340	1	850	1511	0	15.1	24.2	0	66	315	4	850	1505	0	22.4	22.4	4	90	15	10
9999	* 141		21.2	14.3					991	* 194		23.3	21.0					963	* 380		36.4	30.4				

UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
AFRICA - ETHIOPIA ADDIS ABABA-BOLE 63450 NOV 2002 0902N 03845E OB 2									AFRICA - KENYA NAIROBI/DAGORETTI 63741 NOV 2002 0118S 03645E OB 3									AFRICA - MADAGASCAR ANTANANARIVO/IVATO 67083 NOV 2002 1848S 04729E OB 1										
030									030	23749	9	-50.1			9	56	300	5	030									
050	2058	8	-67.4		8	29	140	2	050	20539	6	-67.7			9	96	90		050	20572	5	-67.9						
100	1656	8	-78.8		8	56	110	5	100	16547	2	-81.6			9	44	130	3	100	16560	1	-77.9			5	76	281	7
150	1420	8	-67.9		8	45	260	5	150	14197	1	-68.0			9	76	275	9	150	14191	0	-67.3			5	88	288	14
200	1242	8	-54.0	18.8	8	27	260	3	200	12412	1	-53.8			9	61	235	7	200	12406	1	-53.7			5	88	284	14
300	9680	8	-31.4	31.3	8	50	100	4	300	9677	1	-31.3	24.0		9	34	5	3	300	9674	0	-32.3	16.5		6	86	275	13
500	5865	8	-31.4	31.3	8	80	100	4	500	5854	1	-5.6	13.0		9	82	85	6	500	5871	0	-6.3	17.1		3	43	260	3
700	3151	8	12.0	14.8	8	83	80	5	700	3144	1	7.9	2.4		9	86	75	6	700	3165	0	8.8	8.9		3	18	268	1
772	*2354		25.1	16.5					822	*1798		15.5	2.2						850	1522	0	21.8	9.2		2	67	83	2
																			876	*1276		25.5	9.9					
AFRICA - MADAGASCAR FORT-DAUPHIN 67197 NOV 2002 2502S 04657E OB 3									AFRICA - SOUTH AFRICA BLOEMFONTEIN AIRPORT 68442 NOV 2002 2911S 02630E OB 3									AFRICA - SOUTH AFRICA BETHLEHEM 68461 NOV 2002 2825S 02833E OB										
030	23757	0	-57.5	31.4	1	82	85	7	030	23739	8	-56.4			9	71	54	5	030	23756	3	-57.7			5	92	96	8
050	20597	0	-66.4	28.0	1	81	77	6	050	20623	8	-63.9			9	56	52	4	050	20588	1	-64.6			3	25	138	2
100	16526	0	-74.1	23.6	3	90	279	12	100	16481	5	-71.4			9	95	263	18	100	16462	1	-71.8			3	94	274	20
150	14112	0	-64.8	22.2	2	94	279	22	150	14045	5	-63.9			8	94	265	25	150	14033	1	-64.6			1	95	273	28
200	12318	0	-54.7	20.2	2	89	276	24	200	12253	5	-56.2	18.5		8	90	268	28	200	12247	1	-56.7	14.0		1	92	274	32
300	9611	0	-34.9	22.9	0	90	280	19	300	9576	5	-37.9	18.5		9	80	274	18	300	9564	1	-37.2	15.7		2	92	274	24
500	5849	0	-8.4	25.3	1	85	279	10	500	5852	5	-10.9	21.3		9	85	265	11	500	5835	1	-10.9	16.7		1	87	263	13
700	3159	0	7.6	19.8	2	68	290	6	700	3176	5	8.0	16.5		9	69	279	6	700	3160	1	7.3	13.2		3	82	265	7
850	1533	0	15.6	6.8	2	45	338	4	850	1532	5	23.5	23.8		7	58	279	3	835	*1687		10.6	2.4					
1015	*9		24.3	4.4					868	*1359		27.3	24.4															
AFRICA - SOUTH AFRICA DE AAR 68538 NOV 2002 3065S 02400E OB 3									AFRICA - SOUTH AFRICA DURBAN INTNL. AIRPORT 68588 NOV 2002 2997S 03095E OB 3									AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 NOV 2002 3397S 01860E OB 3										
030	23791	5	-56.2		9	0	70	6	030	23779	5	-57.9			8	86	92	7	030	23781	11	-56.2			9	29	39	3
050	20600	2	-63.1		9	78	220	2	050	20606	1	-64.2			3	35	238	3	050	20582	3	-62.2			3	83	283	8
100	16438	2	-70.2		9	97	264	18	100	16452	0	-70.3			1	92	275	20	100	16363	2	-68.1			2	94	273	24
150	13987	1	-63.7		9	93	268	18	150	14006	0	-63.5			1	93	272	27	150	13905	2	-63.5			2	89	272	26
200	12194	1	-56.7	15.2	9	68	249	11	200	12216	0	-56.7	15.0		1	91	271	31	200	12116	2	-57.5	13.8		2	80	265	25
300	9531	0	-39.1	13.8	9	60	267	10	300	9542	0	-38.2	15.2		1	85	271	23	300	9462	2	-40.0	14.2		3	79	269	23
500	5827	0	-11.8	18.5	9	84	265	10	500	5827	0	-11.4	19.7		2	83	263	13	500	5769	2	-12.6	22.8		2	83	269	17
700	3162	0	6.2	18.2	3	66	284	5	700	3161	0	6.0	11.8		2	62	261	6	700	3118	2	4.0	28.0		2	80	273	10
850	1531	0	20.9	22.7	2	68	308	5	850	1546	0	13.5	8.3		2	34	237	3	850	1519	2	11.1	23.9		2	40	237	3
874	*1287		25.8	28.0					1018	*14		18.7	3.4						1013	*46		13.9	4.0					

UPPER AIR

NOVEMBER 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 PORT ELIZABETH 68842 NOV 2002 3398S 02562E OB 3									AFRICA - SOUTH AFRICA MARION ISLAND 68994 NOV 2002 4653S 03752E OB 3									N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 NOV 2002 7118N 15647W OB 3								
030	23433	3	-56.9		8	29	333	3	030	23726	5	-51.2		5	82	285	12	030	23331	2	-60.9	14.7	2	91	283	27
050	20479	1	-62.0		6	83	282	10	050	20417	2	-54.1		2	94	281	19	050	20139	1	-58.2	15.1	1	89	275	21
100	16364	0	-67.0		5	93	275	22	100	16010	1	-56.9		1	96	277	31	100	15727	1	-54.6	14.9	1	86	259	12
150	13897	0	-62.5		5	92	272	26	150	13439	1	-55.8		1	94	277	38	150	13129	1	-54.0	13.7	1	83	247	10
200	12104	0	-57.2	15.5	5	85	264	25	200	11608	1	-55.7	18.3	1	93	276	45	200	11284	1	-55.0	11.9	1	72	236	9
300	9449	0	-39.9	17.1	5	75	255	20	300	8982	0	-45.9	11.6	1	89	278	44	300	8707	0	-53.8	8.6	0	56	220	8
500	5760	0	-13.2	22.6	7	84	263	15	500	5410	0	-22.8	10.3	0	91	277	32	500	5275	0	-31.7	9.4	0	28	166	3
700	3115	0	3.6	18.3	8	81	276	11	700	2869	0	-8.7	12.2	1	91	273	23	700	2818	0	-16.7	8.4	0	52	104	5
850	1515	0	11.2	15.5	7	46	251	4	850	1346	0	-1.7	6.2	2	86	281	18	850	1340	0	-10.7	7.0	0	65	88	7
1010	* 69		14.7	3.0					1001	* 21		5.0	3.1					1011	* 4		-13.8	1.8				
N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 NOV 2002 6652N 16238W OB 3									N AMERICA - USA (ALASKA) NOME 70200 NOV 2002 6430N 16526W OB 3									N AMERICA - USA (ALASKA) ANCHORAGE/INT. 70273 NOV 2002 6110N 15001W OB 3								
030	23525	0	-56.0	22.7	0	88	275	22	030	23611	0	-53.4	24.9	1	86	273	18	030	23650	0	-54.4	23.0	0	84	288	15
050	20264	0	-54.1	23.2	0	86	263	15	050	20316	0	-52.1	24.9	0	82	259	12	050	20373	0	-53.7	23.2	0	79	271	11
100	15793	0	-51.9	23.1	0	85	235	10	100	15820	1	-50.6	24.1	2	85	225	9	100	15901	0	-52.4	23.1	2	80	234	9
150	13164	0	-52.0	20.7	0	77	211	8	150	13177	1	-50.7	21.8	1	81	199	9	150	13276	1	-52.1	20.7	2	79	214	11
200	11305	0	-53.1	16.3	0	76	200	9	200	11306	1	-52.3	16.5	1	76	186	10	200	11420	0	-53.7	14.9	4	79	212	14
300	8705	0	-52.8	8.7	0	70	184	11	300	8701	1	-52.2	8.1	1	66	181	12	300	8825	0	-51.2	7.4	3	67	201	15
500	5250	0	-30.2	9.3	1	70	171	9	500	5233	0	-29.8	10.9	0	57	167	7	500	5329	0	-26.9	7.1	2	81	178	12
700	2779	0	-15.0	5.4	0	65	137	6	700	2760	0	-14.7	8.3	1	50	129	4	700	2819	0	-10.2	7.1	0	86	159	11
850	1288	0	-7.9	4.1	0	63	126	6	850	1268	0	-7.0	5.2	0	50	100	4	850	1299	0	-1.4	4.1	1	75	128	6
1002	* 5		-5.6	3.1					998	* 7		-3.5	3.4					993	* 40		1.0	1.6				
N AMERICA - USA (ALASKA) COLD BAY 70316 NOV 2002 5512N 16243W OB 3									N AMERICA - USA (ALASKA) YAKUTAT 70361 NOV 2002 5931N 13940W OB 3									N AMERICA - USA (ALASKA) SHEMYA AFB 70414 NOV 2002 5243N 17406E OB 3								
030	23759	0	-49.9	24.7	1	51	275	5	030	23624	5	-56.7	19.2	5	89	304	15	030								
050	20420	0	-49.8	24.5	0	62	233	5	050	20366	3	-56.5	19.2	3	85	284	12	050								
100	15882	0	-48.9	23.2	0	74	216	7	100	15952	1	-54.5	18.9	5	87	253	10	100								
150	13217	0	-48.5	21.8	0	68	205	7	150	13360	1	-54.3	15.7	7		241	11	150	13205	9	-49.0					
200	11333	0	-50.6	18.2	0	66	199	8	200	11521	1	-56.6	10.9	7		235	13	200	11322	2	-50.5		7	83	277	14
300	8706	0	-51.0	8.6	0	57	172	9	300	8935	0	-49.8	6.3	4	72	233	17	300	8700	0	-52.3		5	58	278	13
500	5222	0	-27.8	8.5	0	41	167	4	500	5415	0	-24.8	7.3	1	79	207	12	500	5239	0	-29.9	12.2	5	52	282	8
700	2753	0	-11.2	9.6	0	20	158	2	700	2866	0	-9.1	4.6	1	77	191	9	700	2767	0	-15.1	8.4	3	38	284	4
850	1227	0	-3.6	2.4	0	15	100	2	850	1358	0	-.6	3.0	0	82	162	9	850	1274	0	-6.4	2.2	3	29	299	3
985	* 31		3.5	1.7					1004	* 9		3.8	1.1					994	* 31		2.5	3.8				

UPPER AIR

NOVEMBER 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	%
N AMERICA - USA KEY WEST/INT., FL. 72201 NOV 2002 2433N 08145W OB								N AMERICA - USA SHREVEPORT/REG., LA. 72248 NOV 2002 3228N 09347W OB 2								N AMERICA - USA NEWPORT, NC 72305 NOV 2002 3447N 07653W OB 2															
030	23766	0	-56.1	13.2	0	26	76	2	030	23689	1	-57.3	22.3	6	85	265	8	030	23707	2	-57.1										
050	20590	0	-65.5	10.2	0	27	218	1	050	20510	1	-63.5	17.6	6	88	267	9	050	20513	2	-62.2										
100	16520	0	-75.2	8.4	0	92	260	17	100	16333	1	-69.4	14.2	9	96	272	26	100	16316	1	-67.5	13.8									
150	14134	0	-67.3	9.8	0	91	261	22	150	13883	1	-63.4	13.7	9	96	267	36	150	13850	1	-63.4	12.3									
200	12350	0	-55.2	11.9	0	89	263	23	200	12087	1	-55.9	13.0	5	94	266	42	200	12055	0	-56.4	10.9									
300	9641	0	-34.2	14.1	0	90	257	19	300	9416	1	-39.6	12.8	3	86	264	34	300	9393	0	-39.6	11.3	9	84	253	31					
500	5864	0	-7.5	27.0	0	88	251	12	500	5735	1	-14.2	19.2	3	83	271	18	500	5709	0	-14.2	15.6	4	86	254	22					
700	3166	0	8.3	22.9	0	60	243	5	700	3099	0	1.4	18.0	1	80	275	11	700	3076	0	1.4	20.1	5	83	258	13					
850	1542	0	14.9	10.7	0	20	260	1	850	1513	0	8.7	17.7	2	63	280	6	850	1497	0	6.9	12.5	1	82	256	9					
1017	* 6		22.2	3.4					1010	* 79		7.3	2.3					1017	* 11		7.5	1.0									
N AMERICA - USA NASHVILLE/OLD HICKORY, TN. 72327 NOV 2002 3615N 08634W OB 3								N AMERICA - USA STERLING, VA. 72403 NOV 2002 3859N 07728W OB 3								N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 NOV 2002 4108N 10041W OB 3															
030	23720	3	-56.1	12.3					030	23644	1	-57.8	21.3	6	90	262	15	030	23660	1	-57.5	23.6	7	84	272	11					
050	20506	2	-61.5	10.5					050	20448	1	-61.0	19.5					050	20460	1	-60.1	22.2	4	90	284	11					
100	16248	2	-64.7	9.7					100	16167	1	-62.8	17.5	8	94	261	27	100	16148	1	-60.5	19.9	6	92	284	21					
150	13751	2	-60.6	10.3					150	13649	1	-58.8	15.9	8	90	262	37	150	13609	1	-58.2	17.8	7	94	272	28					
200	11941	2	-55.8	10.0					200	11838	1	-56.8	12.3	6	88	260	42	200	11792	1	-56.5	14.0	5	85	279	28					
300	9278	0	-41.7	11.7	8	78	264	31	300	9209	0	-44.1	8.7	0	86	257	39	300	9181	0	-47.2	8.6	5	77	282	22					
500	5638	0	-17.7	15.3	1	88	265	24	500	5591	0	-18.6	10.9	0	85	258	26	500	5604	0	-20.4	11.3	5	78	295	14					
700	3044	0	-3.0	12.1	0	89	274	14	700	3006	0	-4.2	15.2	0	83	263	15	700	3035	0	-4.9	10.1	3	84	306	9					
850	1487	0	2.8	6.6	0	75	276	8	850	1457	0	1.5	8.4	0	73	284	9	850	1484	1	2.6	10.1	6	79	327	10					
998	* 180		5.4	3.4					1006	* 98		3.0	2.3					920	* 849		-3.1	2.3									
N AMERICA - USA MEDFORD/MEDFORD- JACKSON COU 72597 NOV 2002 4222N 12252W OB 3								N AMERICA - USA CHANHASSEN, MN 72649 NOV 2002 4451N 09334W OB 2								N AMERICA - USA INT.FALLS/FALLS INT.MN. 72747 NOV 2002 4834N 09323W OB 3															
030	23697	1	-58.9	13.1	7		349	3	030	23597	0	-59.3	22.3	0	81	282	15	030	23482	3	-60.4	19.6	3	84	289	20					
050	20505	1	-61.4	11.6	8		322	3	050	20393	0	-59.0	21.9	0	86	283	14	050	20290	3	-59.0	19.7	4	88	290	18					
100	16212	0	-62.4	10.7	8		288	8	100	16034	0	-57.3	20.6	2	92	283	22	100	15921	1	-56.1	19.6	1	91	290	20					
150	13706	0	-61.7	10.5	8		287	9	150	13458	0	-55.5	18.4	3	92	282	28	150	13340	0	-54.3	17.9	0	87	294	22					
200	11925	0	-60.0	10.3	8		294	7	200	11627	0	-56.2	13.3	2	83	288	28	200	11499	0	-55.0	13.5	0	83	302	25					
300	9311	0	-44.2	11.7	4	43	282	12	300	9022	0	-48.3	10.0	1	81	290	29	300	8897	0	-49.7	9.1	0	82	304	27					
500	5690	0	-17.6	12.8	0	52	269	10	500	5479	0	-24.1	10.0	0	87	301	21	500	5388	0	-26.6	10.5	0	86	304	20					
700	3086	0	-9	13.6	0	57	239	7	700	2948	0	-8.8	14.3	0	90	304	14	700	2885	0	-12.6	10.0	0	84	302	13					
850	1511	0	7.3	13.5	0	56	185	4	850	1424	0	-3.0	8.9	1	83	301	9	850	1387	0	-8.0	4.5	1	72	303	8					
973	* 405		3.7	2.1					981	* 287		-2.6	2.3					970	* 361		-5.9	2.1									

UPPER AIR

NOVEMBER 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
N AMERICA - USA BISMARCK/MUN.,ND. 72764 NOV 2002 4646N 10045W OB 3									N AMERICA - USA GREAT FALLS, MT 72649 NOV 2002 4451N 09334W OB 2									N AMERICA - USA SPOKANE, WA 72747 NOV 2002 4834N 09323W OB 3								
030	23563	0	-59.9	12.6	5	82	291	14	030	23590	3	-59.9	10.9	3	73	311	10	030	23663	4	-58.4	11.7	5	65	317	7
050	20367	0	-59.6	12.2	8	89	294	14	050	20406	2	-60.5	10.2	2	83	305	11	050	20455	2	-59.8	10.7	3	83	299	9
100	16020	0	-58.2	11.7	8	90	287	19	100	16086	1	-60.2	9.5	1	89	308	16	100	16127	1	-60.5	9.6	3	84	289	14
150	13464	0	-57.2	10.9	9	87	293	22	150	13558	1	-60.8	8.7	1	87	310	21	150	13610	1	-61.5	9.3	3	85	287	17
200	11646	0	-57.5	9.3	9	82	295	24	200	11772	1	-60.4	8.3	1	78	321	24	200	11827	1	-60.6	8.7	3	78	288	21
300	9052	0	-49.1	8.8	9	73	301	20	300	9188	1	-47.6	8.6	2	69	317	21	300	9232	1	-46.7	9.1	2	67	286	15
500	5510	0	-23.1	11.1	9	82	312	18	500	5607	0	-20.3	11.1	2	76	306	15	500	5638	0	-20.1	10.6	1	66	288	10
700	2968	0	-7.6	12.6	7	92	307	15	700	3035	0	-4.8	9.8	1	81	302	11	700	3058	0	-3.6	7.4	0	63	272	7
850	1437	0	-1.4	8.1	4	78	306	9	850	1482	0	3.7	12.2	1	87	250	11	850	1502	0	2.1	6.2	4	54	228	4
956	* 506		-2.9	3.2					888	*1131		2.2	8.3					936	* 728		-1.1	1.6				
N AMERICA - CANADA NORMAN WELLS UA, N.W.T. 71043 NOV 2002 6517N 12645W OB 3									N AMERICA - CANADA HALL BEACH UA, N.W.T. 71081 NOV 2002 6846N 08113W OB 3									N AMERICA - CANADA ALERT UA, N.W.T. 71082 NOV 2002 8230N 06220W OB 3								
030	23385	2	-62.4	27.4	1	95	307	28	030	22806	3	-70.9	23.8	6	74	303	14	030	22696	6	-75.6	20.8	8	47	344	4
050	20210	2	-59.6	28.3	1	94	303	22	050	19744	0	-66.7	24.3	4	71	305	10	050	19676	0	-70.4	22.1	1	28	345	2
100	15839	1	-56.2	26.2	1	94	293	19	100	15482	0	-59.4	24.7	4	55	301	6	100	15469	0	-61.2	24.2	0	29	196	2
150	13259	1	-55.8	22.0	0	93	289	20	150	12924	0	-55.8	22.8	4	14	270	2	150	12920	0	-56.5	23.1	0	40	198	3
200	11431	1	-56.6	15.8	1	91	284	22	200	11078	0	-55.5	18.5	3	11	243	2	200	11086	0	-54.4	18.8	0	57	194	5
300	8849	1	-51.9	7.8	1	85	284	23	300	8500	0	-53.7	8.8	1	16	222	3	300	8497	0	-55.4	8.7	1	58	195	8
500	5367	1	-28.3	12.3	0	84	281	14	500	5111	0	-37.0	7.6	0	11	204	2	500	5127	0	-38.2	6.5	1	38	210	5
700	2874	1	-12.4	10.0	0	62	276	7	700	2716	0	-23.3	7.3	0	12	135	2	700	2742	0	-24.1	6.0	0	20	257	2
850	1368	1	-5.5	7.9	1	33	204	3	850	1276	0	-17.3	5.0	1	15	117	2	850	1312	0	-21.1	4.5	0	36	315	3
1004	* 95		-11.4	2.3					1006	* 6		-16.5	2.8					1012	* 65		-25.2	3.4				
N AMERICA - CANADA PORT HARDY UA, B.C. 71109 NOV 2002 5041N 12722W OB 3									N AMERICA - CANADA EDMONTON STONY PLAIN, ALTA 71119 NOV 2002 5332N 11406W OB 3									N AMERICA - CANADA SABLE ISLAND, N.S. 71600 NOV 2002 4356N 06001W OB 3								
030	23690	8	-57.7	28.0	7	73	308	8	030	23570	0	-59.2	25.3	1	87	308	16	030	23650	0	-56.9	25.3	2	95	247	16
050	20464	4	-58.4	25.1	3	83	289	9	050	20367	0	-58.7	25.1	0	92	304	16	050	20435	0	-59.1	24.3	1	96	246	16
100	16108	3	-58.9	20.7	1	88	270	12	100	16008	0	-58.3	21.3	1	93	306	18	100	16107	0	-60.6	22.9	1	95	254	25
150	13558	2	-59.0	15.3	1	86	261	16	150	13460	0	-59.1	15.5	1	89	304	22	150	13560	0	-57.6	21.1	1	95	258	34
200	11760	1	-60.1	9.4	1	76	255	20	200	11667	0	-60.9	9.5	1	85	307	26	200	11744	0	-55.0	16.5	0	92	259	40
300	9171	1	-47.5	7.7	1	67	244	18	300	9091	0	-48.6	7.7	1	82	304	26	300	9109	0	-45.3	11.0	0	90	257	37
500	5588	1	-19.8	11.5	1	73	231	14	500	5530	0	-21.9	10.6	1	88	306	21	500	5520	0	-20.6	12.4	0	91	256	27
700	3010	0	-3.4	11.1	0	70	209	10	700	2978	0	-6.7	9.2	1	90	302	15	700	2954	0	-6.1	12.8	0	86	256	18
850	1451	0	4.3	8.4	0	76	179	7	850	1436	0	1.3	9.3	2	80	308	10	850	1415	0	.0	5.6	0	73	260	11
1011	* 17		5.9	1.2					924	* 766		-1.1	4.3					1012	* 4		6.9	3.4				

UPPER AIR

NOVEMBER 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
N AMERICA - CANADA YARMOUTH, N.S. 71603 NOV 2002 4352N 06606W OB 3								N AMERICA - CANADA MANIWAKI, QUE. 71722 NOV 2002 4623N 07558W OB 3								N AMERICA - CANADA ST. JOHN'S UA, NLFD 71801 NOV 2002 4737N 05245W OB 3										
030	23646	1	-56.9	24.7	2	95	250	18	030	23529	4	-58.6	25.3	6	94	261	21	030	23633	7	-56.7	25.1	9	95	244	21
050	20425	1	-58.5	24.6	2	97	253	18	050	20330	2	-58.5	25.1	4	94	264	20	050	20390	4	-58.4	25.0	6	93	243	19
100	16087	0	-58.9	22.6	1	95	256	26	100	15955	1	-56.0	26.0	4	94	266	24	100	16034	3	-58.6	23.8	4	94	251	22
150	13535	0	-57.2	20.9	1	93	257	37	150	13362	1	-53.3	23.6	2	91	258	30	150	13485	2	-56.0	21.8	6	93	255	29
200	11712	0	-55.3	16.7	1	92	256	42	200	11507	1	-53.0	19.4	2	89	258	34	200	11646	2	-55.3	15.7	6	88	260	30
300	9077	0	-45.3	10.2	0	87	256	39	300	8894	0	-49.2	10.9	1	84	256	36	300	9018	2	-46.3	10.3	3	88	258	34
500	5491	0	-21.6	11.0	0	87	255	27	500	5380	0	-26.8	9.0	0	88	265	21	500	5441	1	-23.1	8.2	1	90	262	24
700	2940	0	-7.6	8.0	0	85	258	18	700	2881	0	-12.7	6.8	0	79	266	12	700	2900	1	-8.3	10.7	0	81	262	15
850	1408	0	-1.1	4.8	0	69	257	10	850	1381	0	-6.6	3.4	0	55	269	6	850	1374	1	-2.7	5.0	0	70	269	11
1007	* 9		3.9	2.3					989	* 173		-2.8	.5					992	* 140		2.2	1.8				
N AMERICA - CANADA SEPT-ILES UA, QUE. 71811 NOV 2002 5013N 06615W OB 3								N AMERICA - CANADA STEPHENVILLE UA, NLFD 71815 NOV 2002 4834N 05834W OB 3								N AMERICA - CANADA GOOSE UA, NLFD. 71816 NOV 2002 5318N 06022W OB 3										
030	23466	1	-59.7	26.4	4	95	252	25	030	23547	2	-58.1	23.2	2	95	249	22	030	23388	1	-60.9	24.5	4	95	253	27
050	20268	0	-58.7	27.1	4	96	253	21	050	20337	2	-58.8	23.2	1	95	250	20	050	20208	1	-59.6	25.1	3	95	250	23
100	15892	0	-55.9	26.9	3	97	256	23	100	15976	1	-57.9	23.0	1	96	254	24	100	15835	1	-55.7	25.4	3	94	252	20
150	13298	0	-53.8	24.4	3	93	253	26	150	13400	1	-55.2	22.0	1	94	255	31	150	13243	1	-53.9	22.8	3	93	249	22
200	11439	1	-53.0	18.8	2	91	250	28	200	11562	1	-54.2	17.2	1	92	255	35	200	11394	1	-53.7	17.3	3	91	249	25
300	8831	0	-49.6	8.5	2	80	247	26	300	8933	1	-47.5	8.3	2	89	253	35	300	8779	1	-50.3	9.3	2	72	242	21
500	5332	0	-27.8	9.4	2	75	249	15	500	5388	1	-24.3	8.5	1	84	256	22	500	5296	0	-29.0	9.8	0	58	255	10
700	2847	0	-15.0	6.4	2	60	255	8	700	2867	1	-11.2	10.7	1	77	263	13	700	2824	0	-16.0	8.8	0	39	290	5
850	1359	0	-8.4	6.0	3	19	273	2	850	1358	1	-5.4	5.0	0	59	264	8	850	1343	0	-10.3	4.6	0	30	322	3
1005	* 53		-5.7	1.6					1006	* 60		1.2	2.7					1004	* 36		-7.0	3.1				
N AMERICA - CANADA LA GRANDE IV, QUE. 71823 NOV 2002 5345N 07340W OB 3								N AMERICA - CANADA MOOSONEE, ONT. 71836 NOV 2002 5116N 08039W OB 3								N AMERICA - CANADA PICKLE LAKE, ONT. 71845 NOV 2002 5127N 09012W OB 2										
030	23281	4	-61.5	24.9	8	94	260	28	030	23399	0	-60.4	25.2	1	89	271	24	030	23417	1	-60.3	27.4	1	85	287	23
050	20108	4	-59.9	25.4	7	93	264	23	050	20206	0	-58.8	25.4	1	89	273	21	050	20221	1	-58.8	27.8	1	88	291	20
100	15739	2	-55.2	26.3	4	92	263	19	100	15813	0	-54.6	25.4	1	90	273	21	100	15833	1	-55.1	28.2	1	89	293	21
150	13143	1	-52.9	24.3	4	89	261	19	150	13201	0	-52.0	23.2	2	88	274	21	150	13230	1	-52.9	26.9	1	88	295	22
200	11293	0	-52.6	19.1	4	86	259	18	200	11335	0	-51.5	18.7	1	86	273	21	200	11373	0	-53.4	19.1	0	86	298	23
300	8679	0	-52.6	8.5	6	67	263	15	300	8716	0	-51.7	9.3	3	77	275	20	300	8764	0	-51.1	9.9	0	82	303	25
500	5246	0	-32.9	6.5	5	70	259	11	500	5268	0	-32.2	7.2	3	75	267	14	500	5293	0	-29.9	9.0	1	84	301	17
700	2806	0	-19.1	4.0	7	50	259	6	700	2818	0	-17.9	8.1	0	75	273	9	700	2828	0	-17.0	8.3	1	81	303	10
850	1340	0	-12.3	3.1	8	49	261	5	850	1347	0	-11.6	6.4	0	60	277	6	850	1355	0	-12.5	4.3	1	64	300	6
972	* 307		-9.4	1.5					1011	* 10		-8.9	1.4					965	* 389		-10.6	2.0				

UPPER AIR

NOVEMBER 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
N AMERICA - CANADA THE PASS UA, MAN 71867 NOV 2002 5358N 10106W OB 3								N AMERICA - JAMAICA KINGSTON/NORMAN MANLEY 78397 NOV 2002 1756N 07647W OB 3								N AMERICA - BARBADOS GRANTLEY ADAMS 78954 NOV 2002 1304N 05929W OB										
030	23445	0	-61.1	27.4	0	86	303	23	030	23829	11	-56.2	23.8					030	23800	6	-57.0	14.0	6	98	96	9
050	20254	0	-58.9	27.1	0	91	304	21	050	20645	8	-66.3	18.2					050	20632	5	-65.5	10.8	5	21	347	1
100	15879	0	-56.4	24.2	0	92	307	21	100	16602	6	-76.6	11.5					100	16590	2	-78.1	8.3	2	82	311	8
150	13296	0	-54.8	20.3	0	91	312	25	150	14219	7	-66.8	11.8					150	14217	1	-66.5	10.6	1	89	284	14
200	11450	0	-56.3	14.0	1	90	315	29	200	12428	6	-54.0	13.4		54			200	12422	1	-53.4	13.8	1	86	278	14
300	8869	0	-50.3	8.6	0	88	317	32	300	9698	3	-32.6	17.9	4	27	334	3	300	9689	1	-32.3	18.8	1	42	283	5
500	5369	0	-27.3	8.4	0	89	315	22	500	5888	1	-5.7	18.5	1	72	79	5	500	5883	1	-6.6	18.9	1	50	81	3
700	2871	0	-13.3	9.9	1	88	313	12	700	3173	1	8.8	7.6	1	67	97	5	700	3174	1	9.0	10.8	1	86	100	6
850	1377	0	-8.4	5.9	1	67	306	7	850	1536	0	17.3	3.0	1	81	89	6	850	1540	1	16.7	4.5	1	96	90	9
980	* 274		-9.0	2.4					1014	* 14		26.4	6.5					1009	* 56		26.6	3.3				
N AMERICA - TRINIDAD AND TOBAGO PIARCO INT. AIRPORT, TRINIDAD 78970 NOV 2002 1037N 06121W OB 2								N AMERICA - CURACAO AND BONAIRE HATO AIRPORT, CURACAO 78988 NOV 2002 1212N 06858W OB 3								N AMERICA - COLOMBIA SAN ANDRES (ISLA)/SESQUICENT 80001 NOV 2002 1235N 08143W OB 2										
030	23808	7	-56.8		9	94	90	7	030	23811	4	-56.2		6	92	85	7	030								
050	20638	7	-66.0		7	18	275	1	050	20630	2	-62.8		3	61	64	4	050								
100	16603	4	-78.7		6	79	305	7	100	16596	2	-78.2		2	50	315	4	100								
150	14235	3	-66.6		4	91	280	13	150	14220	1	-66.4		1	85	274	12	150								
200	12439	1	-53.2		2	92	275	12	200	12424	1	-52.9		1	81	275	11	200								
300	9700	0	-31.0	22.6	0	50	295	4	300	9686	1	-31.5	10.7	1	43	327	4	300	9692	12	-31.3	19.0	9	22	120	2
500	5883	0	-6.1	12.3	0	78	95	5	500	5871	0	-5.9	14.5	0	80	76	6	500	5873	4	-5.3	21.5	9	51	101	10
700	3173	0	8.8	5.1	0	90	95	7	700	3161	0	9.6	7.2	0	94	97	8	700	3158	2	9.3	11.1	6	65	87	18
850	1536	0	17.2	3.4	0	95	95	9	850	1522	0	18.0	4.5	0	97	99	9	850	1522	2	17.4	3.3	5	72	84	16
1013	* 15		25.9	2.6					1006	* 62		26.5	3.5					1012	* 6		27.0	2.5				
S AMERICA - COLOMBIA BOGOTA/ELDORADO 80222 NOV 2002 0442N 07408W OB 3								S AMERICA - COLOMBIA LAS GAVIOTAS 80241 NOV 2002 0433N 07055W OB 2								S AMERICA - COLOMBIA LETICIA/VASQUEZ COBO 80398 NOV 2002 0433S 06932W OB 2										
030	23702	19	-59.7		9	74	105	12	030	23706	18	-58.0		9	34	148	4	030	23733	7	-58.7		9	8	244	2
050	20576	9	-67.3		9	90	264	18	050	20565	7	-67.4		7	66	253	12	050	20592	1	-67.6		9	85	271	20
100	16579	3	-80.4		9	59	265	10	100	16575	6	-80.0		7	62	281	12	100	16586	1	-80.3		9	50	268	8
150	14227	3	-67.0		9	72	252	26	150	14214	5	-66.9		5	56	251	18	150	14224	1	-67.1		9	27	251	8
200	12427	0	-53.5		9	56	235	14	200	12422	5	-53.1		5	51	237	14	200	12436	1	-53.5		9	9	99	2
300	9682	0	-30.5	15.1	4	6	156	2	300	9676	4	-30.5	13.0	4	2	261	2	300	9692	1	-30.8	7.6	9	64	80	8
500	5859	0	-5.5	8.7	5	81	93	10	500	5848	4	-5.9	5.7	4	86	89	10	500	5869	1	-6.0	3.9	9	80	102	8
700	3148	0	8.4	4.5	4	93	109	10	700	3139	4	8.6	3.4	4	95	77	12	700	3156	1	9.0	4.6	9	72	66	10
753	*2546		9.7	.9					850	1487	4	18.3	4.7	5	94	48	16	850	1518	1	17.9	4.3	9	67	41	8
									990	* 167		22.6	.4					1002	* 84		23.5	.7				

UPPER AIR

NOVEMBER 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
S AMERICA - BRAZIL CUIABA (AEROPORTO) 83362 NOV 2002 1539S 05606W OB									S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 NOV 2002 1552S 04756W OB 3									S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 NOV 2002 2028S 05440W OB 2															
030	23718	14	-58.0						030	23741	10	-57.1						030															
050	20585	5	-67.7		9	25	46	2	050	20602	5	-68.1						050															
100	16578	4	-80.2		9	53	169	5	100	16580	4	-79.6						100	16647	10	-73.9		9	89	258	12							
150	14227	3	-68.0		8	59	236	5	150	14218	2	-67.9						150	14258	9	-64.2		9	68	273	12							
200	12440	3	-53.8		7	58	235	6	200	12437	2	-54.2						200	12439	7	-51.4		9	89	268	12							
300	9702	2	-31.4	15.1	8	18	199	1	300	9702	1	-31.4	13.9					300	9690	7	-31.4	16.0	8	75	279	8							
500	5889	1	-6.1	9.7	5	38	41	2	500	5886	1	-5.7	19.2					500	5877	6	-6.3	16.4	9	40	276	4							
700	3175	1	9.1	5.3	5	67	9	4	700	3175	1	8.7	7.1					700	3168	6	9.7	9.1	8	67	330	5							
850	1532	1	19.7	7.9	5	67	343	5	850	1534	1	18.7	7.8					850	1510	6	19.8	9.4	6	60	354	5							
988	* 182		27.0	5.7					898	*1061		22.1	4.7					950	* 567		24.7	8.9											
S AMERICA - BRAZIL TRINDADE (ILHA) 83650 NOV 2002 2030S 02919W OB 2									S AMERICA - BRAZIL GALEAO 83746 NOV 2002 2249S 04315W OB 2									S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 NOV 2002 2531S 04910W OB 2															
030									030									030	23881	11	-54.2	25.3	9	71	63	5							
050	20594	1	-68.0		5	73	83	4	050									050	20675	7	-64.1	20.9	7	55	341	3							
100	16526	1	-74.1		4	50	264	5	100	16603	15	-76.0	14.2					100	16590	5	-74.3	12.9	7	88	252	14							
150	14127	1	-66.6		2	41	231	7	150	14214	13	-65.9	23.6	9	91	252	21	150	14179	3	-65.9	12.7	4	93	260	29							
200	12347	1	-56.1		1	28	219	6	200	12423	8	-53.5	16.3	9	88	249	19	200	12385	2	-53.6	12.8	2	93	263	28							
300	9648	1	-35.2	16.6	1	41	261	6	300	9684	5	-31.9	18.0	5	68	252	12	300	9655	2	-32.7	16.1	2	88	262	19							
500	5881	1	-8.0	21.1	1	60	299	5	500	5879	2	-6.3	20.8	3	70	249	7	500	5860	1	-8.8	19.1	1	80	262	10							
700	3190	1	7.8	21.1	1	43	320	3	700	3175	2	8.4	10.4	2	64	298	4	700	3159	1	8.0	10.3	1	70	277	7							
850	1565	1	13.8	8.6	1	78	51	6	850	1540	2	16.9	5.5	2	68	335	5	850	1528	1	15.5	3.2	1	48	357	4							
1020	* 5		26.9	6.0					1014	* 6		25.7	1.3					917	* 908		19.2	3.3											
S AMERICA - BRAZIL PORTO ALEGRE (AERO- PORTO) 83971 NOV 2002 3000S 05111W OB 2									S AMERICA - PERU LIMA-CALLAO/AEROP. INTERNACI 84628 NOV 2002 1200S 07707W OB 2									S AMERICA - CHILE ANTOFAGASTA 85442 NOV 2002 2326S 07027W OB 2															
030	23893	15	-54.4	24.9					030	23994	8	-53.6		9	79	103	6	030	23741	4	-56.9												
050	20692	10	-62.1	22.4	9	75	304	6	050	20773	6	-63.9		6	24	205	2	050	20566	4	-64.9	29.4											
100	16531	4	-70.4	18.8	6	95	260	22	100	16678	5	-75.7		5	52	331	3	100	16538	3	-75.8												
150	14086	4	-64.2	15.2	4	95	268	40	150	14241	5	-64.1		5	57	300	7	150	14139	3	-66.3	19.9											
200	12287	3	-53.9	15.6	4	93	269	40	200	12419	5	-51.5		5	59	335	8	200	12352	3	-55.0	18.6											
300	9571	3	-35.5	18.0	3	91	263	25	300	9694	3	-30.0	22.7	3	27	10	2	300	9639	2	-33.9	25.3											
500	5820	3	-9.7	23.9	3	84	263	13	500	5870	3	-5.1	10.6	3	74	98	4	500	5853	0	-6.2	34.2											
700	3137	3	6.8	15.8	3	56	284	5	700	3142	3	10.4	10.1	3	47	335	2	700	3137	0	10.2												
850	1514	3	14.5	7.2	3	39	306	3	850	1501	2	16.7	13.1	2	24	6	1	850	1496	0	18.2												
1013	* 3		23.1	5.8					1012	* 13		17.2	1.6					1002	* 140		15.9	4.3											

UPPER AIR

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LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			LEVEL		TEMPERATURE				VECTOR WIND			
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
																											hPa
S AMERICA - CHILE PUERTO MONTT 85799 NOV 2002 4126S 07306W OB 2									S AMERICA - CHILE PUNTA ARENAS 85934 NOV 2002 5300S 07051W OB 2									S AMERICA - ARGENTINA CORDOBA AERO 87344 NOV 2002 3119S 06413W OB /									
030	23725	5	-54.3						030										030	23756	7	-55.9	31.5	8	37	349	7
050	20477	3	-58.6		5	77	256	8	050										050	20552	4	-62.7	28.6	5	55	313	7
100	16149	0	-61.2		3	96	276	23	100										100	16417	4	-71.0	21.6	5	96	276	28
150	13613	0	-57.1	26.1	3	94	272	24	150	13270	5	-52.1						150	13980	2	-64.2	19.0	4	95	282	39	
200	11785	0	-55.6		1	82	268	24	200	11414	3	-52.6	27.1					200	12187	2	-55.7	17.8	4	94	284	42	
300	9160	0	-45.7	14.1	2	79	269	27	300	8789	2	-50.3	15.9	4	78	257	21	300	9507	2	-37.6	20.9	5	94	278	34	
500	5576	0	-20.8	13.9	5	79	265	18	500	5311	1	-28.6	8.1	2	84	261	17	500	5788	2	-10.9	20.4	4	89	274	18	
700	3006	0	-4.3	13.5					700	2817	1	-11.7	7.6					700	3108	2	7.6	15.7	4	51	271	8	
850	1454	0	2.3	6.8					850	1301	1	-2.4	5.6					850	1490	2	13.8	9.3	3	21	352	10	
1005	* 90		8.2	1.1					994	* 43		5.1	3.3					957	* 474		18.8	5.5					
S AMERICA - ARGENTINA EZEIZA AERO 87576 NOV 2002 3449S 05832W OB 3									ANTARCTICA - UNITED KINGDOM (ANTARCTIC) HALLEY 89022 NOV 2002 7530S 02639W OB 2									ANTARCTICA - USSR (ANTARCTIC) MIRNYJ 89592 NOV 2002 6633S 09301E OB 1									
030	23790	11	-55.0		9	24	300	2	030	23556	10	-35.9	32.4	9	64	113	12	030	23789	3	-37.5	16.5	3	30	39	3	
050	20567	4	-61.4		5	83	290	8	050	20053	4	-41.9	28.8	8	72	124	13	050	20262	1	-40.5	13.8	1	30	289	3	
100	16357	3	-67.3		3	96	265	28	100	15459	3	-49.7	24.9	6	68	162	9	100	15594	1	-45.8	9.5	2	51	271	7	
150	13886	2	-63.1		3	95	280	42	150	12824	3	-52.3	22.6	7	69	190	7	150	12930	2	-50.3	7.7	2	50	266	6	
200	12088	1	-56.8		2	91	280	42	200	10968	3	-53.4	20.1	8	74	215	7	200	11058	2	-51.4	6.3	2	50	263	5	
300	9427	0	-39.4	15.7	2	91	280	31	300	8371	3	-54.0	11.4	7	53	256	6	300	8449	2	-54.0	4.5	2	39	232	5	
500	5737	0	-13.2	16.1	1	85	270	16	500	4985	3	-36.9	6.8	6	34	275	4	500	5028	2	-33.5	5.3	2	12	163	1	
700	3090	0	3.8	21.0	1	66	260	7	700	2586	3	-23.1	5.9	7	14	342	1	700	2592	2	-19.1	5.8	2	55	102	4	
850	1486	0	12.7	17.7	2	23	265	2	850	1150	3	-17.9	4.6	8	57	47	4	850	1115	2	-12.0	5.4	2	87	92	8	
1010	* 20		19.5	4.8					986	* 30		-13.4	2.6					977	* 30		-8.7	4.9					
ANTARCTICA - GERMANY (ANTARCTIC) NEUMAYER 89002 NOV 2002 7040S 00815W OB 2									ANTARCTICA - JAPAN (ANTARCTIC) SYOWA 89532 NOV 2002 6900S 03935E OB 1									ANTARCTICA - AUSTRALIA (ANTARCTIC) MAWSON 89564 NOV 2002 6736S 06252E OB 3									
030	23532	1	-34.5	38.0	8	38	65	7	030	23560	0	-36.1		1	38	56	6	030	23648	1	-37.9	37.5	4	36	34	5	
050	20003	1	-41.0	35.6	8	27	122	5	050	20018	0	-37.6		0	37	38	7	050	20140	1	-39.7	37.0	4	45	345	7	
100	15418	1	-52.3	31.9	8	41	197	5	100	15363	0	-50.5		0	41	326	6	100	15478	1	-48.1	33.7	5	58	311	10	
150	12816	1	-54.9	30.8	8	49	216	5	150	12757	0	-55.4		0	45	296	5	150	12835	0	-53.0	30.4	5	65	302	10	
200	10983	1	-55.8	26.9	8	40	241	5	200	10927	0	-56.2		0	41	290	4	200	10986	0	-54.5	23.9	5	71	292	9	
300	8414	1	-55.7	14.5	9	32	252	6	300	8365	0	-56.3		0	21	275	2	300	8411	0	-55.1	11.1	2	51	305	6	
500	5025	1	-35.5	10.6	9	34	252	5	500	4993	0	-37.4	5.8	0	33	39	3	500	5011	0	-35.3	7.6	2	34	311	3	
700	2613	1	-21.6	10.1	9	11	226	1	700	2598	0	-22.6	4.5	0	52	49	3	700	2597	0	-21.5	7.3	1	17	112	1	
850	1166	1	-15.9	6.9	9	19	46	2	850	1148	0	-13.7	4.9	1	69	40	5	850	1150	0	-14.6	7.6	1	86	99	5	
985	* 50		-11.9	2.9					984	* 21		-9.8	4.6					9999	* 16								

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
SW PACIFIC - FIJI NANDI 91680 NOV 2002 1745S 17727E OB 3								SW PACIFIC - SAMOA (USA) PAGO PAGO/INT. AIRPORT 91765 NOV 2002 1420S 17043W OB 2								SW PACIFIC - FRENCH POLY. (MARQUESAS) ATUONA 91925 NOV 2002 0948S 13902W OB 3											
030	23808	21	-55.0						030	23702	3	-57.7	14.8	3	82	97	5	030	23680	4	-59.8			8	42	117	3
050	20623	4	-66.8		7	54	54	3	050	20551	3	-68.4	7.3	3	61	282	3	050	20547	1	-68.2			3	89	271	8
100	16613	0	-80.0	15.6	1	91	270	15	100	16592	2	-83.1	4.9	2	78	275	7	100	16543	1	-80.3			2	77	254	9
150	14256	0	-66.9	15.5	0	93	280	22	150	14251	2	-67.7	5.8	2	87	253	11	150	14189	1	-67.4			1	77	254	12
200	12457	0	-52.0	16.4	0	95	290	24	200	12458	2	-52.9	6.7	2	82	262	9	200	12400	1	-53.6			1	55	259	8
300	9700	0	-29.6	19.4	0	94	288	20	300	9710	2	-30.2	9.2	2	57	285	5	300	9670	1	-32.2	20.6		1	16	263	2
500	5866	0	-5.3	17.6	2	89	291	11	500	5879	1	-5.0	6.3	1	48	336	3	500	5854	1	-4.2	31.0		1	31	85	2
700	3147	0	10.0	14.0	6	71	313	4	700	3153	1	10.3	3.9	1	48	47	3	700	3129	1	10.7	24.7		1	36	62	2
850	1510	0	16.9	4.7	2	46	71	2	850	1507	0	18.6	2.6	0	70	64	4	850	1494	1	16.2	3.1	2	93	94	7	
1010	* 25		28.9	7.0					1009	* 3		27.8	2.6					1003	* 52		29.6	7.2					
SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 NOV 2002 1733S 14937W OB 2								SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 NOV 2002 2308S 13458W OB								SW PACIFIC - FRENCH POLY. (AUSTRAL IS) TUBUAI 91954 NOV 2002 2321S 14929W OB											
030	23703	7	-57.3						030	23717	1	-56.8		1	50	45	3	030	23707	6	-56.7			6	67	52	3
050	20543	4	-68.0		5	0	82	0	050	20539	0	-65.4		1	10	98	1	050	20537	1	-66.3			1	44	112	2
100	16547	1	-80.1		1	89	243	12	100	16459	0	-75.5		0	91	252	17	100	16489	1	-77.6			1	93	256	20
150	14197	1	-67.9		1	89	224	20	150	14076	0	-68.2		0	87	246	23	150	14120	1	-68.0			1	92	249	31
200	12415	1	-54.0		1	86	215	19	200	12311	0	-57.0		0	77	246	21	200	12343	1	-55.2			1	87	249	30
300	9686	1	-32.1	15.9	1	69	224	9	300	9615	0	-34.8	10.2	0	84	255	16	300	9630	1	-33.7	9.2		1	88	261	22
500	5871	1	-5.2	23.1	1	15	233	1	500	5842	0	-7.7	17.3	0	84	268	8	500	5844	1	-7.3	16.2		1	96	277	12
700	3152	1	9.3	15.7	1	33	95	2	700	3148	0	7.3	16.8	0	36	302	2	700	3144	1	8.0	16.6		1	85	284	6
850	1518	1	17.2	3.7	2	56	61	3	850	1527	0	14.3	6.7	0	50	24	2	850	1519	1	14.9	7.0		1	55	339	3
1012	* 2		30.1	6.9					1005	* 89		25.4	5.8					1014	* 3		26.0	5.1					
SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 NOV 2002 2737S 14420W OB 3								SW PACIFIC - NEW ZEALAND WHENUAPAI 93112 NOV 2002 3678S 17463E OB 1								SW PACIFIC - NEW ZEALAND PARAPARAMU AERODROME 93417 NOV 2002 4054S 17459E OB 1											
030	23737	8	-56.5		8	36	34	2	030	23820	7	-55.1		7	96	83	8	030									
050	20553	5	-64.8		5	22	79	1	050	20584	2	-58.4		2	53	125	3	050	20593	10	-56.7						
100	16437	5	-73.7		5	96	258	22	100	16268	1	-60.3		1	89	253	12	100	16218	2	-58.2			0	80	248	10
150	14033	4	-66.8		4	93	253	33	150	13727	1	-57.3		1	89	258	21	150	13653	1	-55.9			0	76	251	16
200	12254	2	-56.5		2	89	251	37	200	11905	1	-55.6		1	77	258	20	200	11821	1	-55.1			0	70	248	18
300	9558	1	-35.7	10.0	2	89	266	28	300	9262	1	-43.5		1	66	249	19	300	9182	0	-44.7			0	65	251	16
500	5809	1	-9.7	19.1	2	93	272	14	500	5638	1	-18.0	16.9	1	76	246	15	500	5583	0	-19.2	13.0		0	68	245	12
700	3129	1	6.1	24.1	1	84	286	8	700	3041	0	-9	16.5	0	75	239	10	700	2998	0	-3.3	10.5		1	62	253	9
850	1517	1	12.1	7.8	1	63	287	5	850	1472	0	5.2	7.7	0	73	240	8	850	1440	0	4.1	5.8		1	43	250	5
1016	* 2		22.7	4.9					1011	* 27		16.4	6.5					1011	* 12		13.7	4.0					

UPPER AIR

NOVEMBER 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
SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 NOV 2002 4625S 16819W OB 1									SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 NOV 2002 4357S 17634W OB 1									SW PACIFIC - NEW ZEALAND KERMADEC IS. 93997 NOV 2002 2915S 17755W OB 1									
030	23912	8	-51.1		9	92	83	8	030	23863	13	-52.2							030	23760	4	-56.9		4	71	74	4
050	20612	4	-53.9		1	22	140	1	050	20580	5	-54.7		5	52	97	3	050	20565	2	-63.0		3	52	334	3	
100	16179	2	-55.5		1	76	251	10	100	16169	1	-56.5		1	79	264	8	100	16387	2	-69.2		5	97	272	24	
150	13595	0	-54.8		0	76	251	15	150	13582	1	-54.7		1	72	258	12	150	13927	1	-61.5		3	97	273	40	
200	11755	0	-54.4		0	69	247	18	200	11735	0	-54.6		0	67	262	15	200	12112	0	-54.1		1	97	278	45	
300	9122	0	-45.6		0	60	246	18	300	9097	0	-45.5		0	57	256	17	300	9429	0	-39.5	22.3	1	92	282	30	
500	5535	0	-20.4	12.3	0	65	247	13	500	5516	0	-21.2	10.5	0	52	268	10	500	5740	0	-13.0	28.7	1	86	272	15	
700	2963	0	-5.0	9.5	0	68	257	10	700	2946	0	-4.5	11.9	0	56	265	8	700	3091	0	3.0	21.5	0	64	260	7	
850	1414	0	2.6	5.3	1	69	271	8	850	1393	0	3.4	7.5	1	52	274	6	850	1501	0	7.8	11.9	2	58	238	5	
1010	* 4		11.9	3.9					1001	* 48		12.6	3.6					1011	* 49		19.9	7.0					
SW PACIFIC - AUSTRALIA DARWIN AIRPORT 94120 NOV 2002 1225S 13053E OB /									SW PACIFIC - AUSTRALIA GOVE AIRPORT 94150 NOV 2002 1217S 13649E OB /									SW PACIFIC - AUSTRALIA BROOME AIRPORT 94203 NOV 2002 1757S 12214E OB /									
030	23707	1	-59.2	29.4	1	49	86	3	030	23709	1	-58.8	30.6	2	36	98	2	030	23722	1	-56.8	31.6	3	83	87	6	
050	20556	0	-67.6	23.3	0	88	266	7	050	20564	0	-67.6	24.1	1	80	264	6	050	20560	1	-66.5	25.0	3	71	122	4	
100	16587	0	-82.4	13.0	0	28	46	2	100	16588	1	-82.7	12.9	0	28	61	3	100	16572	1	-80.5	16.0	3	93	281	13	
150	14247	0	-67.5	13.3	0	37	316	3	150	14249	1	-67.5	13.1	0	24	287	2	150	14218	1	-66.7	16.6	3	95	276	20	
200	12455	0	-52.9	15.6	0	50	250	4	200	12457	1	-52.8	15.0	0	37	290	3	200	12423	1	-52.8	18.7	3	98	271	22	
300	9707	0	-30.2	20.0	0	58	241	4	300	9707	1	-30.2	22.6	0	53	252	4	300	9677	1	-31.2	26.6	3	95	271	19	
500	5879	0	-5.6	12.5	0	54	135	3	500	5878	1	-4.9	22.3	0	68	156	3	500	5874	1	-7.3	22.9	3	74	277	6	
700	3167	0	9.1	10.8	3	96	114	13	700	3160	1	9.7	22.5	0	90	117	8	700	3178	0	9.6	9.4	3	51	49	3	
850	1526	0	19.1	7.3	1	87	89	6	850	1523	1	18.3	7.2	2	90	82	7	850	1527	0	22.8	16.2	4	28	119	2	
9999	* 31								9999	* 54								9999	* 7								
SW PACIFIC - AUSTRALIA TOWNSVILLE AERO 94294 NOV 2002 1915S 14645E OB /									SW PACIFIC - AUSTRALIA WILLIS ISLAND 94299 NOV 2002 1618S 14959E OB /									SW PACIFIC - AUSTRALIA PORT HEDLAND PARDOO 94312 NOV 2002 2022S 11838E OB /									
030	23719	1	-57.0		1	82	78	5	030	23747	1	-56.7	31.6	1	90	80	6	030	23740	5	-56.7	30.1	6	80	92	5	
050	20563	0	-67.8		0	62	119	3	050	20582	0	-66.7	27.8	0	60	132	3	050	20572	4	-66.4	22.6	5	75	117	5	
100	16566	0	-79.7		0	87	276	13	100	16591	0	-80.9	15.6	0	61	271	7	100	16553	4	-79.3	16.1	4	95	278	19	
150	14200	0	-66.1	18.6	0	97	271	24	150	14239	0	-66.9	17.4	0	87	278	16	150	14188	4	-66.3	17.9	4	98	276	30	
200	12400	0	-52.5	21.3	0	95	270	25	200	12441	0	-52.4	22.3	0	92	281	18	200	12390	4	-52.6	20.0	4	98	272	32	
300	9661	0	-32.4	22.9	0	94	264	20	300	9691	0	-30.6	29.9	0	89	273	15	300	9651	2	-32.5	23.3	2	95	270	25	
500	5868	0	-6.8	24.8	0	67	235	5	500	5871	0	-4.8	35.5	0	46	232	4	500	5868	2	-8.4	24.3	2	92	267	9	
700	3164	0	9.2	34.5	0	84	133	7	700	3154	0	9.6	27.9	0	45	141	3	700	3177	2	9.9	16.9	2	63	320	4	
850	1537	0	15.0	13.6	0	88	100	7	850	1524	0	15.2	6.7	0	92	106	7	850	1526	2	23.1	22.5	2	50	274	3	
9999	* 9								9999	* 6								9999	* 9								

UPPER AIR

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LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND							
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED		
																											hPa	gpm
SW PACIFIC - AUSTRALIA ALICE SPRINGS AERO 94326 NOV 2002 2348S 13353E OB /									SW PACIFIC - AUSTRALIA MT ISA AERO 94332 NOV 2002 2041S 13929E OB /									SW PACIFIC - AUSTRALIA GERALDTON AIRPORT 94403 NOV 2002 2848S 11442E OB /										
030	23741	1	-57.0	30.3	3	89	96	6	030	23773	5	-55.9	32.0	5	84	91	6	030	23739	1	-57.4	31.2	1	72	85	4		
050	20576	1	-66.1	24.9	3	83	93	6	050	20601	3	-66.3	27.9	5	76	82	5	050	20562	1	-64.8	28.9	1	48	33	3		
100	16526	0	-76.3	17.8	2	95	277	19	100	16575	1	-78.1		4	90	270	15	100	16410	0	-70.5	22.4	0	98	272	22		
150	14130	0	-64.9	19.7	2	97	273	34	150	14198	1	-65.5	24.0	1	97	270	27	150	13966	0	-62.9	22.2	0	97	271	30		
200	12326	0	-53.0	21.2	2	96	267	35	200	12394	1	-52.2	26.3	1	98	263	30	200	12166	0	-55.9	19.5	0	98	269	30		
300	9610	0	-35.4	19.5	2	93	265	23	300	9659	0	-32.7	25.2	2	93	262	21	300	9501	0	-39.4	20.9	0	91	266	18		
500	5864	0	-10.0	16.2	2	81	264	7	500	5876	0	-7.6	23.3	1	67	234	5	500	5803	0	-11.8	28.6	0	78	267	9		
700	3184	0	8.3	11.8	2	51	288	4	700	3185	0	8.3	12.5	0	61	156	4	700	3139	0	6.3	26.8	0	52	283	4		
850	1542	0	19.6	17.0	3	42	63	4	850	1544	0	21.2	17.5	0	78	71	6	850	1521	0	15.8	20.7	1	30	118	2		
9999	* 546								9999	* 340									9999	* 33								
SW PACIFIC - AUSTRALIA MEEKATHARRA AIRPORT 94430 NOV 2002 2637S 11833E OB 2									SW PACIFIC - AUSTRALIA GILES 94461 NOV 2002 2502S 12817E OB /									SW PACIFIC - AUSTRALIA PERTH AIRPORT 94610 NOV 2002 3156S 11558E OB /										
030	23738	1	-56.8	31.2					030	23749	0	-57.5	29.8	0	89	84	6	030	23745	2	-57.0	31.3	2	75	84	4		
050	20563	1	-65.3	28.2					050	20579	0	-65.9	26.0	0	74	97	5	050	20557	2	-63.0	29.4	2	40	348	2		
100	16452	1	-72.6	23.2					100	16505	0	-75.0	18.5	1	95	282	21	100	16353	2	-67.4	23.8	2	97	271	20		
150	14029	1	-63.3	25.4					150	14100	0	-64.2	21.2	1	98	277	36	150	13879	0	-61.7	21.8	0	97	273	26		
200	12225	1	-53.8	25.9					200	12294	0	-53.1	22.2	2	99	273	37	200	12084	0	-58.0	16.4	0	91	269	23		
300	9536	1	-38.0	23.1					300	9588	0	-36.4	18.2	0	96	271	23	300	9443	0	-41.4	15.0	0	78	266	15		
500	5822	1	-11.6	26.4					500	5854	0	-10.5	18.3	0	81	285	8	500	5770	0	-13.7	21.1	0	77	266	10		
700	3154	1	7.6	18.9					700	3177	0	8.4	14.7	0	63	305	6	700	3125	0	4.2	22.2	1	72	282	7		
850	1521	1	18.9	17.7					850	1536	0	20.3	18.9	1	53	50	5	850	1521	0	12.5	18.5	3	21	258	2		
9999	* 517								9999	* 598									9999	* 31								
SW PACIFIC - AUSTRALIA EUCLA 94647 NOV 2002 3141S 12853E OB									SW PACIFIC - AUSTRALIA COBAR 94711 NOV 2002 3129S 14550E OB /									SW PACIFIC - AUSTRALIA WILLIAMTOWN AERODROME 94776 NOV 2002 3248S 15150E OB /										
030	23792	1	-56.6	30.1	2	92	82	7	030	23826	3	-56.2	31.9	5	85	84	6	030	23778	7	-57.3	31.6						
050	20597	0	-62.4	28.5	1	33	121	2	050	20628	2	-62.5	29.7	2	68	67	5	050	20591	6	-63.1	29.8	9	65	75	3		
100	16397	0	-67.2	23.5	1	96	274	19	100	16443	0	-68.6	28.2	1	92	275	18	100	16407	5	-68.4	26.1	8	91	262	18		
150	13923	0	-61.3	21.2	1	97	277	27	150	13975	0	-61.2	27.3	0	95	269	26	150	13943	2	-61.9	24.1	6	92	262	24		
200	12125	0	-57.6	15.1	2	92	279	25	200	12172	0	-56.9	19.4	0	87	265	23	200	12143	2	-57.1	17.3	6	84	255	22		
300	9478	0	-40.3	13.3	1	90	280	21	300	9517	0	-40.0	16.9	0	82	265	15	300	9494	1	-40.5	15.7	6	79	256	15		
500	5791	0	-13.1	18.4	1	85	271	11	500	5824	0	-12.8	20.7	0	76	270	9	500	5807	1	-13.1	19.7	7	73	249	8		
700	3139	0	4.9	18.4	0	70	290	6	700	3171	0	5.2	19.7	0	67	275	6	700	3157	1	4.9	20.2	7	65	255	7		
850	1528	0	14.1	17.5	0	45	307	4	850	1553	0	16.5	21.4	0	56	296	4	850	1544	1	14.3	14.1	7	52	278	4		
9999	* 102								9999	* 264									9999	* 8								

UPPER AIR

NOVEMBER 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
SW PACIFIC - AUSTRALIA ALBANY AIRPORT 94802 NOV 2002 3456S 11748E OB /									SW PACIFIC - AUSTRALIA MOUNT GAMBIER AERO 94821 NOV 2002 3744S 14047E OB /									SW PACIFIC - AUSTRALIA MELBOURNE AIRPORT 94866 NOV 2002 3740S 14451E OB								
030	23770	5	-56.9	30.5	5	71	80	5	030	23822	2	-55.3	31.9	4	86	77	7	030	23790	1	-56.3	30.0	1	88	77	8
050	20569	2	-60.9	29.4	2	52	311	3	050	20598	2	-59.8	30.1	4	10	28	1	050	20579	0	-60.7	28.3	0	26	43	2
100	16312	1	-64.8	24.7	1	96	273	20	100	16320	0	-63.2	27.0	2	86	273	13	100	16316	0	-63.6	26.1	0	91	274	15
150	13819	1	-61.2	21.6	1	95	271	24	150	13812	0	-60.3	22.8	2	89	274	21	150	13814	0	-60.6	23.4	0	89	271	22
200	12028	0	-59.0	14.6	0	89	269	22	200	12015	0	-58.4	15.7	2	88	271	23	200	12019	0	-58.6	16.1	0	89	266	24
300	9400	0	-42.2	12.5	0	84	268	19	300	9388	0	-42.5	12.4	2	82	269	19	300	9391	0	-42.5	13.3	0	86	268	20
500	5740	0	-14.4	19.7	1	88	267	14	500	5732	0	-15.0	19.2	2	80	274	14	500	5738	0	-15.2	15.5	0	84	269	15
700	3103	0	3.0	23.4	1	85	274	10	700	3103	0	1.8	21.4	2	80	276	11	700	3108	0	2.1	20.9	1	75	276	10
850	1512	0	8.6	10.4	2	57	287	5	850	1512	0	9.9	17.9	2	71	279	8	850	1515	0	10.4	18.2	1	63	279	7
9999	* 69								9999	* 69								9999	* 132							
SW PACIFIC - AUSTRALIA WAGGA AIRPORT 94910 NOV 2002 3510S 14727E OB /									SW PACIFIC - AUSTRALIA HOBART AIRPORT 94975 NOV 2002 4250S 14729E OB /									SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) LORD HOWE ISLAND AERO 94995 NOV 2002 3132S 15904E OB /								
030	23773	1	-56.9	31.0	1	91	80	7	030	23834	2	-54.0	31.7	2	86	75	8	030	23776	1	-56.7	31.8	3	94	89	7
050	20578	1	-61.7	29.2	1	44	92	2	050	20581	2	-57.0	31.1	2	25	359	2	050	20586	0	-63.3	29.9	2	51	129	2
100	16355	0	-66.0	24.4	0	92	272	16	100	16236	1	-60.4	29.1	0	85	279	14	100	16400	0	-67.9	28.5	2	95	258	17
150	13873	0	-61.2	22.2	0	93	268	23	150	13691	1	-57.4	25.3	0	88	272	22	150	13927	0	-61.0	28.4	2	93	262	25
200	12078	0	-58.3	16.2	0	87	267	23	200	11878	1	-57.8	16.9	0	88	272	28	200	12124	0	-56.9	21.3	2	85	258	20
300	9441	0	-41.5	13.1	0	81	265	18	300	9256	1	-43.8	14.4	0	83	274	26	300	9477	0	-40.9	18.1	2	83	253	14
500	5774	0	-14.3	17.4	0	81	267	12	500	5634	1	-18.1	15.4	0	88	272	20	500	5794	0	-12.7	29.7	3	79	246	10
700	3135	0	3.6	19.9	0	80	269	9	700	3035	1	-1.0	19.7	0	82	269	14	700	3142	0	4.2	26.9	3	67	233	6
850	1532	0	12.8	16.8	0	60	278	5	850	1465	1	5.6	14.7	1	84	285	9	850	1541	0	11.0	15.9	4	39	222	3
9999	* 213								9999	* 27								9999	* 6							
SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) NORFOLK ISLAND AERO 94996 NOV 2002 2902S 16756E OB /									SW PACIFIC - AUSTRALIA (ADDITIONAL IS.) MACQUARIE ISLAND 94998 NOV 2002 5429S 15856E OB 3									SW PACIFIC - BRUNEI DARUSSALAM BRUNEI AIRPORT 96315 NOV 2002 0456N 11456E OB 3								
030	23756	3	-56.5	31.8	5	78	77	5	030	23923	3	-47.5	30.9	4	62	45	6	030								
050	20571	3	-64.0	29.7	5	31	211	2	050	20562	3	-49.4	30.7	4	60	312	5	050								
100	16419	3	-69.7	27.3	5	96	266	21	100	16049	3	-51.4	29.6	5	85	282	12	100	16568	12	-83.0	11.6	9	93	90	14
150	13961	1	-61.5	27.7	4	95	270	32	150	13414	1	-50.9	28.3	3	87	278	18	150	14238	3	-68.1	10.1	6	88	79	11
200	12150	1	-54.3	24.2	4	92	273	30	200	11544	1	-51.5	23.3	3	84	275	22	200	12448	1	-52.8	9.7	3	80	81	9
300	9482	1	-40.4	18.8	4	77	255	15	300	8906	1	-47.8	13.1	2	78	274	25	300	9695	1	-29.8	11.2	3	88	89	8
500	5789	1	-11.9	24.0	4	77	243	10	500	5368	1	-23.9	10.1	2	79	278	19	500	5860	1	-5.1	8.0	3	85	98	7
700	3131	1	4.7	26.6	4	68	214	6	700	2832	1	-8.2	11.4	3	78	277	13	700	3139	0	9.8	4.9	3	61	108	4
850	1530	1	9.5	14.0	4	59	196	4	850	1305	1	-1.7	7.0	2	71	285	10	850	1497	0	18.2	4.1	3	16	160	1
9999	* 109								9999	* 6								1004	* 15		26.7	2.4				

UPPER AIR

NOVEMBER 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
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KUCHING 96413 NOV 2002 0129N 11020E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) BINTULU 96441 NOV 2002 0312N 11302E OB 3									SW PACIFIC - MALAYSIA(SABAH & SARAWAK) KOTA KINABALU 96471 NOV 2002 0556N 11603E OB 3									
030	23731	0	-60.5	29.1	0	36	86	4	030	23723	12	-60.9	29.8	9	51	106	5	030	23749	7	-59.0	30.5	7	55	98	4	
050	20596	0	-68.1	20.0	0	83	275	7	050	20598	11	-68.0	16.4	9	77	268	6	050	20605	2	-67.7	21.5	2	41	290	3	
100	16588	0	-82.0	12.3	0	83	89	11	100	16594	2	-82.2	11.6	2	85	91	13	100	16600	0	-82.5	13.0	0	94	94	14	
150	14253	0	-67.9	11.0	0	85	84	12	150	14261	1	-67.7	10.6	2	88	86	12	150	14265	0	-67.8	11.8	0	83	87	11	
200	12463	0	-52.8	10.2	0	88	77	10	200	12469	1	-52.5	10.0	2	87	84	11	200	12473	0	-52.6	11.5	0	82	90	9	
300	9710	0	-29.8	7.4	0	91	86	8	300	9712	1	-29.6	9.6	1	91	93	9	300	9719	0	-29.5	12.0	0	88	91	8	
500	5873	0	-5.1	4.7	0	79	101	6	500	5872	0	-4.8	6.7	0	82	104	6	500	5878	0	-4.5	9.0	0	88	96	7	
700	3153	0	9.6	4.5	0	19	111	1	700	3148	0	10.0	5.0	0	35	91	2	700	3153	0	10.2	5.9	0	73	93	4	
850	1511	0	18.4	4.5	0	25	270	1	850	1504	0	18.7	5.0	0	37	259	2	850	1508	0	18.8	5.3	0	25	116	1	
9999	* 27								9999	* 5									9999	* 3							
SW PACIFIC - MALAYSIA(SABAH & SARAWAK) TAWAU 96481 NOV 2002 0416N 11753E OB 3									SW PACIFIC - AUSTRALIA (OCEAN ISLANDS) COCOS ISLAND AERO 96996 NOV 2002 1211S 09649E OB 3																		
030	23733	1	-59.8	30.5	1	50	99	5	030	23694	2	-58.1	31.3	4	52	87	3										
050	20595	0	-67.5	23.7	0	58	268	4	050	20540	1	-68.5	23.6	3	52	264	3										
100	16590	0	-82.8	13.2	0	92	92	14	100	16553	0	-82.1	13.3	4	23	348	2										
150	14255	0	-67.7	12.8	0	81	85	10	150	14218	0	-68.2	12.4	3	56	345	6										
200	12463	0	-52.7	12.5	0	79	81	9	200	12430	0	-53.3	12.7	2	58	311	6										
300	9709	0	-29.7	13.3	0	86	91	8	300	9687	0	-30.5	23.8	2	49	252	5										
500	5871	0	-4.7	10.3	0	90	91	7	500	5861	0	-5.5	24.5	2	36	335	2										
700	3147	0	10.1	6.6	0	57	89	3	700	3151	0	9.6	16.3	2	75	87	6										
850	1504	0	18.8	6.1	0	38	59	2	850	1515	0	16.7	9.2	2	85	101	7										
9999	* 20								9999	* 3																	

STATION LIST RECENT DATA

06030	C	AALBORG	DENMARK & FAROE IS.	08359	C	ALICANTE	SPAIN
04220	CT	AASIAAT (EGEDESMINDE)	GREENLAND	08360	C	ALICANTE/ELALTET	SPAIN
40831	C	ABADAN	IRAN, ISLAMIC REP	94326	CT	ALICE SPRINGS AERO	AUSTRALIA
47409	C	ABASHIRI	JAPAN	42475	C	ALLAHABAD/BAMHRAULI	INDIA
07005	C	ABBEVILLE	FRANCE	72517	C	ALLEN TOWN/A.-BETHLEHEM-.,PA.	USA
03091	C	ABERDEEN/DYCEAIRPORT	U KINGDOM	36870	C	ALMATY	KAZAKHSTAN
03502	C	ABERPORTH	U KINGDOM	08487	C	ALMERIA/AEROPUERTO	SPAIN
41112	C	ABHA	SAUDI ARABIA	82965	T	ALTA FLORESTA (AEROPORTO)	BRAZIL
72266	C	ABILENE/MUN.,TX.	USA	44277	C	ALTAI	MONGOLIA
41217	CT	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	51076	C	ALTAY	CHINA
62640	C	ABU HAMED	SUDAN	42071	C	AMRITSAR	INDIA
62795	C	ABU NA'AMA	SUDAN	89009	T	AMUNDSSEN-SCOTT	USA
76805	C	ACAPULCO,GRO.	MEXICO	25563	C	ANADYR'	RUSSIAN FEDERATION
80427	C	ACARIGUA	VENEZUELA	70273	CT	ANCHORAGE/INT.	USA
65472	C	ACCRA	GHANA	10291	C	ANGERMUENDE	GERMANY
63450	CT	ADDIS ABABA-BOLE	ETHIOPIA	17130	CT	ANKARA/CENTRAL	TURKEY
60620	C	ADRAR	ALGERIA	60360	C	ANNABA	ALGERIA
76644	C	AEROP.INTERNACIONALMERIDA,	MEXICO	70398	C	ANNETTE ISLAND	USA
87582	C	AEROPARQUEBS. AS. AERO	ARGENTINA	67025	C	ANTALAHA	MADAGASCAR
17190	C	AFYON	TURKEY	17300	C	ANTALYA	TURKEY
61024	C	AGADEZ	NIGER	67083	CT	ANTANANARIVO/IVATO	MADAGASCAR
61974	C	AGALEGA	MAURITIUS	85442	CT	ANTOFAGASTA	CHILE
42647	CT	AHMADABAD	INDIA	40718	C	ANZALI	IRAN, ISLAMIC REP
47602	C	AIKAWA	JAPAN	47575	C	AOMORI	JAPAN
60560	C	AIN SEFRA	ALGERIA	98232	C	APARRI	PHILIPPINES
61499	C	AIOUN EL ATROUSS	MAURITANIA	80084	C	APARTADO/LOSCEDROS	COLOMBIA
07761	CT	AJACCIO	FRANCE	83096	C	ARACAJU	BRAZIL
31168	C	AJAN	RUSSIAN FEDERATION	48462	C	ARANYAPRATHET	THAILAND
47582	CT	AKITA	JAPAN	40357	C	ARAR	SAUDI ARABIA
61437	C	AKJOUJT	MAURITANIA	80099	C	ARAUCA/SANTIAGOPEREZ	COLOMBIA
42933	C	AKOLA	INDIA	83579	C	ARAXA	BRAZIL
72521	C	AKRON/AKRON-CANTONREG., OH.	USA	84752	C	AREQUIPA	PERU
04063	C	AKUREYRI	ICELAND	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
04082	C	AKURNES	ICELAND	85406	C	ARICA	CHILE
40420	C	AL AHSA	SAUDI ARABIA	10091	C	ARKONA	GERMANY
41055	C	AL BAHA	SAUDI ARABIA	86330	C	ARTIGAS	URUGUAY
40373	C	AL QAYSUMAH	SAUDI ARABIA	44288	C	ARVAIHEER	MONGOLIA
40361	C	AL-JOUF	SAUDI ARABIA	60452	C	ARZEW	ALGERIA
08280	C	ALBACETE/LOSLLANOS	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
71082	T	ALERT UA, N.W.T.	CANADA	65376	C	ATAKAME	TOGO

STATION LIST RECENT DATA

62680	C	ATBARA	SUDAN	70026	CT	BARROW/W.POST W. ROGERS	USA
17607	T	ATHALASSA	CYPRUS	44305	C	BARUUN-URT	MONGOLIA
16716	C	ATHINAI(AIRPORT)	GREECE	44241	C	BARUUNKHARAA	MONGOLIA
72219	C	ATLANTA/MUN.,GA.	USA	44213	C	BARUUNTURUUN	MONGOLIA
72407	C	ATLANTICCITY, NJ.	USA	89057	C	BASE ARTUROPRAT	CHILE
91925	CT	ATUONA	FRENCH POLY.	89059	C	BASE BERNARDOO'HIGGINS	CHILE
94601	C	AUGUSTA CAPE LEEUWIN	AUSTRALIA	88963	C	BASE ESPERANZA	ARGENTINA
72218	C	AUGUSTA/BUSHFIELD, GA.	USA	89053	C	BASE JUBANY	ARGENTINA
72254	C	AUSTIN/ROBERTMUELLER.,TX.	USA	89055	C	BASE MARAMBIO(CENTROMET. A	ARGENTINA
07265	C	AUXERRE	FRANCE	88968	C	BASE ORCADAS	ARGENTINA
08210	C	AVILA	SPAIN	89066	C	BASE SAN MARTIN	ARGENTINA
08330	C	BADAJOZ/TALAVERALA REAL	SPAIN	07790	CT	BASTIA	FRANCE
30554	C	BAGDARIN	RUSSIAN FEDERATION	60468	C	BATNA	ALGERIA
83980	C	BAGE	BRAZIL	44302	C	BAYAN-OVOO	MONGOLIA
71727	C	BAGOTVILLE,QUE.	CANADA	44275	C	BAYANBULAG	MONGOLIA
98328	C	BAGUIO	PHILIPPINES	44352	C	BAYANDELGER	MONGOLIA
87750	C	BAHIA BLANCA AERO	ARGENTINA	44287	C	BAYANHONGOR	MONGOLIA
41150	C	BAHRAIN(INT. AIRPORT)	BAHRAIN	60571	CT	BECHAR	ALGERIA
44265	C	BAITAG	MONGOLIA	72412	C	BECKLEY(RALEIGHCTY.MUN),WV.	USA
71926	CT	BAKER LAKE UA,N.W.T.	CANADA	54511	CT	BEIJING	CHINA
07299	C	BALE-MILHOUSE	FRANCE	67297	C	BEIRA	MOZAMBIQUE
35796	C	BALHASH	KAZAKHSTAN	60402	C	BEJAIA	ALGERIA
17150	C	BALIKESIR	TURKEY	82191	C	BELEM	BRAZIL
85874	C	BALMACEDA	CHILE	82193	T	BELEM (AEROPORTO)	BRAZIL
72406	C	BALTIMORE/BALTIMORE-WASHINGT	USA	03917	C	BELFAST/ALDERGROVEAIRPORT	U KINGDOM
61291	C	BAMAKO/SENOU	MALI	43198	C	BELGAUM/SAMBRA	INDIA
96011	C	BANDA ACEH/BLANGBINTANG	INDONESIA	78583	CT	BELIZE/INTERNATIONALAIRPORT	BELIZE
40875	C	BANDARABBASS	IRAN, ISLAMIC REP	89050	C	BELLINGSHAUSEN	USSR
71122	C	BANFF,ALTA.	CANADA	03976	C	BELMULLET	IRELAND
43295	C	BANGALORE	INDIA	83587	C	BELO HORIZONTE	BRAZIL
48455	CT	BANGKOK	THAILAND	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	01317	C	BERGEN/FLORIDA	NORWAY
29838	C	BARNAUL	RUSSIAN FEDERATION	10381	C	BERLIN-DAHLEM	GERMANY
80410	C	BARQUISIMETO	VENEZUELA	10384	C	BERLIN-TEMPELHOF	GERMANY
82571	C	BARRA DO CORDA	BRAZIL	40179	T	BET DAGAN	ISRAEL
80091	C	BARRANCABERMEJA/YARIGUIES	COLOMBIA	70219	C	BETHEL/BETHELAIRPORT, AK.	USA
80028	C	BARRANQUILLA/ERNESTOCORTISSO	COLOMBIA	68461	CT	BETHLEHEM	SOUTH AFRICA
83236	C	BARREIRAS	BRAZIL	40100	C	BEYROUTH(AEROPORT)	LEBANON

STATION LIST RECENT DATA

42971	CT	BHUBANESWAR	INDIA	30309	C	BRATSK	RUSSIAN FEDERATION
12295	C	BIALYSTOK	POLAND	64450	C	BRAZZAVILLE/MAYA-MAYA	CONGO
42165	C	BIKANER	INDIA	10224	C	BREMEN	GERMANY
08025	C	BILBAO/SONDICA	SPAIN	07110	C	BREST	FRANCE
72677	C	BILLINGS/LOGANINT., MT.	USA	16320	T	BRINDISI	ITALY
61017	C	BILMA	NIGER	11723	C	BRNO/TURANY	CZECH REP
72515	C	BINGHAMTON/BROOMECONG., NY.	USA	10453	C	BROCKEN	GERMANY
96441	CT	BINTULU	MALAYSIA	94689	C	BROKEN HILL PATTON STREET	AUSTRALIA
61401	C	BIR MOGHREIN	MAURITANIA	94203	CT	BROOME AIRPORT	AUSTRALIA
94482	C	BIRDSVILLE POLICE STATION	AUSTRALIA	72250	C	BROWNSVILLE/INT., TX.	USA
61075	C	BIRNI-N' KONNI	NIGER	96315	CT	BRUNEI AIRPORT	BRUNEI DARUSSALAM
41084	C	BISHA	SAUDI ARABIA	80094	C	BUCARAMANGA/PALONEGRO	COLOMBIA
60525	C	BISKRA	ALGERIA	15420	CT	BUCURESTI/IMH	ROMANIA
72764	CT	BISMARCK/MUN., ND.	USA	12843	CT	BUDAPEST/LORINC	HUNGARY
15085	C	BISTRITA	ROMANIA	87585	C	BUENOS AIRES OBSERVATORIO	ARGENTINA
64510	C	BITAM	GABON	72528	C	BUFFALO/GREATER BUFFALO, NY.	USA
01028	CT	BJORNOYA	NORWAY	67964	C	BULAWAYO(GOETZ OBSY.)	ZIMBABWE
31510	CT	BLAGOVESHCHENSK	RUSSIAN FEDERATION	44239	C	BULGAN	MONGOLIA
68442	CT	BLOEMFONTEIN AIRPORT	SOUTH AFRICA	41244	C	BURAIMI	OMAN
65510	C	BOBO-DIOULASSO	BURKINA FASO	08075	C	BURGOS/VILLAFRIA	SPAIN
01152	CT	BODO	NORWAY	94259	C	BURKETOWN	AUSTRALIA
80222	CT	BOGOTA/ELDORADO	COLOMBIA	72617	C	BURLINGTON/INTL, VT.	USA
29282	C	BOGUCANY	RUSSIAN FEDERATION	17116	C	BURSA	TURKEY
65338	C	BOHICON	BENIN	98330	C	CABANATUAN	PHILIPPINES
72681	C	BOISE/MUN., ID.	USA	95916	C	CABRAMURRA	AUSTRALIA
87640	C	BOLIVAR AERO	ARGENTINA	08261	C	CACERES	SPAIN
83288	CT	BOM JESUS DA LAPA	BRAZIL	08452	C	CADIZ	SPAIN
43057	C	BOMBAY/COLABA	INDIA	07027	C	CAEN	FRANCE
43003	T	BOMBAY/SANTACRUZ	INDIA	16560	T	CAGLIARI/ELMAS	ITALY
31253	C	BOMNAK	RUSSIAN FEDERATION	94287	C	CAIRNS AERO	AUSTRALIA
23884	C	BOR	RUSSIAN FEDERATION	80442	C	CALABOZO	VENEZUELA
91929	C	BORA-BORA	FRENCH POLY. ON	42807	C	CALCUTTA/ALIPORE	INDIA
07510	C	BORDEAUX/MERIGNAC	FRANCE	42809	T	CALCUTTA/DUMDUM	INDIA
60444	C	BORDJ BOU ARRERIDJ	ALGERIA	80259	C	CALI/ALFONSO BONILLA ARAGON	COLOMBIA
60686	C	BORDJ B. MOKHTAR	ALGERIA	68618	C	CALVINIA	SOUTH AFRICA
65516	C	BOROMO	BURKINA FASO	03808	T	CAMBORNE	U KINGDOM
72509	C	BOSTON/LOGANINT., MA	USA	71925	T	CAMBRIDGE BAY UA, N.W.T.	CANADA
60515	C	BOU-SAADA	ALGERIA	85315	C	CAMIRI	BOLIVIA
61296	C	BOUGOUNI	MALI	76695	C	CAMPECHE, CAMP	MEXICO
60417	C	BOUIRA	ALGERIA	83612	T	CAMPO GRANDE (AEROPORTO)	BRAZIL
07255	C	BOURGES	FRANCE	83698	C	CAMPOS	BRAZIL
03862	C	BOURNEMOUTH AIRPORT	U KINGDOM	17112	C	CANAKKALE	TURKEY
08575	C	BRAGANCA	PORTUGAL	07661	C	CAP CEPET	FRANCE
83378	T	BRASILIA (AEROPORTO)	BRAZIL	94805	C	CAPE BORDA	AUSTRALIA

STATION LIST RECENT DATA

94967	C	CAPE BRUNY	AUSTRALIA	42515	C	CHERRAPUNJI	INDIA
71910	C	CAPE DORSET, N.W.T.	CANADA	76750	C	CHETUMAL,Q.ROO	MEXICO
72304	C	CAPE HATTERAS, NC.	USA	72564	C	CHEYENNE, WY.	USA
94842	C	CAPE OTWAY LIGHTHOUSE	AUSTRALIA	41768	C	CHHOR	PAKISTAN
68816	CT	CAPE TOWN INTNL. AIRPORT	SOUTH AFRICA	48327	CT	CHIANG MAI	THAILAND
16522	C	CAPO CACCIA	ITALY	71822	C	CHIBOUGAMAUCHAPAIS, QUE.	CANADA
80416	C	CARACAS/LACARLOTA	VENEZUELA	72530	C	CHICAGO/O'HARE, IL.	USA
80415	C	CARACAS/MAIQUETIAAEROP. INT	VENEZUELA	47971	CT	CHICHIJIMA	JAPAN
83592	C	CARATINGA	BRAZIL	84452	C	CHICLAYO	PERU
83498	C	CARAVELAS	BRAZIL	85672	C	CHILLAN	CHILE
72712	C	CARIBOU/MUN., ME.	USA	38262	C	CHIMBAJ	UZBEKISTAN
82765	C	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/NATRONACOUNTY I., WY.	USA	48517	C	CHUMPHON	THAILAND
08286	C	CASTELLON	SPAIN	47101	C	CHUNCHON	REP KOREA
87222	C	CATAMARCA AERO.	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, TAMP	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	76741	C	COATZACOALCOS, VER.	MEXICO
72414	C	CHARLESTON/KANAWHA., WV.	USA	94711	CT	COBAR	AUSTRALIA
72208	C	CHARLESTON/MUN., SC.	USA	85041	C	COBIJA	BOLIVIA
72314	C	CHARLOTTE/DOUGLAS NC.	USA	85223	C	COCHABAMBA	BOLIVIA
71706	C	CHARLOTTETOWN, P.E.I.	CANADA	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
56294	C	CHENGDU	CHINA	76458	C	COLONIA JUAN CARRAS-COMAZAT	MEXICO
87322	C	CHEPES	ARGENTINA	72310	C	COLUMBIA, SC.	USA

STATION LIST RECENT DATA

72445	C	COLUMBIA/REGIONAL,MO.	USA	42587	C	DALTONGANJ	INDIA
72428	C	COLUMBUS/PORTCOLUMBUS,OH.	USA	62805	C	DAMAZINE	SUDAN
76848	C	COMITAN,CHIS.	MEXICO	04320	CT	DANMARKSHAVN	GREENLAND
87860	C	COMODORORIVADAVIAAERO	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	71855	C	DAUPHIN,MAN.	CANADA
15480	C	CONSTANTA	ROMANIA	89571	CT	DAVIS	AUSTRALIA
60419	C	CONSTANTINE	ALGERIA	72429	C	DAYTON/. COX, OH	USA
85470	C	COPIAPO	CHILE	06260	C	DE BILT	NETHERLANDS
71915	CT	CORAL HARBOUR UA, N.W.T.	CANADA	06235	C	DE KOOY	NETHERLANDS
87344	CT	CORDOBA AERO	ARGENTINA	12882	C	DEBRECEN	HUNGARY
08410	C	CORDOBA/AEROPUERTO	SPAIN	65505	C	DEDOUGOU	BURKINA FASO
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/METROPOLITANMI.	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	61085	C	DIFFA	NIGER
80097	C	CUCUTA/CAMILODAZA	COLOMBIA	07280	C	DIJON	FRANCE
08231	C	CUENCA	SPAIN	89054	C	DINAMET-URUGUAY	URUGUAY
76726	C	CUERNAVACA,MOR	MEXICO	63471	C	DIREDAWA	ETHIOPIA
83361	C	CUIABA	BRAZIL	17280	CT	DIYARBAKIR	TURKEY
76412	C	CULIACAN,SIN	MEXICO	64453	C	DJAMBALA	CONGO
80420	C	CUMANA	VENEZUELA	60670	C	DJANET	ALGERIA
94626	C	CUNDERDIN(POSTO)	AUSTRALIA	60535	C	DJELFA	ALGERIA
85629	C	CURICO	CHILE	63862	C	DODOMA	U REP TANZANIA
83842	C	CURITIBA	BRAZIL	87648	C	DOLORES AERO	ARGENTINA
83840	T	CURITIBA (AEROPORTO)	BRAZIL	62650	C	DONGOLA	SUDAN
10131	C	CUXHAVEN	GERMANY	65501	C	DORI	BURKINA FASO
84686	C	CUZCO	PERU	64910	C	DOUALA OBS.	CAMEROON
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	10488	C	DRESDEN-KLOTZSCHE	GERMANY
98325	C	DAGUPAN	PHILIPPINES	41515	C	DROSH	PAKISTAN
61641	CT	DAKAR/YOFF	SENEGAL	41194	C	DUBAI INTERNATIONALAIRPORT	U ARAB EMIRATES
41712	C	DAL BANDIN	PAKISTAN	95719	C	DUBBO AIRPORT AWS	AUSTRALIA
44373	C	DALANZADGAD	MONGOLIA	03969	C	DUBLIN AIRPORT	IRELAND
72259	C	DALLAS-FORTWORTH/FORT.,TX.	USA	52836	C	DULAN	CHINA

STATION LIST RECENT DATA

72745	C	DULUTH/INT.,MN.	USA	72432	C	EVANSVILLE/REG.,IN.	USA
89642	C	DUMONT D'URVILLE	FRANCE	87576	CT	EZEIZA AERO	ARGENTINA
68588	CT	DURBANINTNL. AIRPORT	SOUTH AFRICA	65507	C	FADA N'GOURMA	BURKINA FASO
42731	C	DWARKA	INDIA	70261	C	FAIRBANKS/INT.	USA
24143	C	DZARDZAN	RUSSIAN FEDERATION	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	EDMONTONSTONY PLAIN, ALTA	CANADA	82678	C	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	71932	C	FORT MCMURRAY, ALTA.	CANADA
60540	C	EL KHEITER	ALGERIA	71945	CT	FORT NELSON UA, B.C.	CANADA
62771	C	EL OBEID	SUDAN	71073	C	FORT RELIANCE, N.W.T.	CANADA
60559	C	EL OUED	ALGERIA	71946	C	FORT SIMPSON, N.W.T.	CANADA
72270	C	EL PASO/INT., TX.	USA	71934	T	FORT SMITH UA, N.W.T.	CANADA
80437	C	EL VIGIA	VENEZUELA	72344	C	FORT SMITH/MUN., AR.	USA
60367	C	EL-KALA	ALGERIA	72533	C	FORT WAYNE/MUN., BAERFL., IN.	USA
60550	C	ELBAYADH	ALGERIA	67197	CT	FORT-DAUPHIN	MADAGASCAR
12160	C	ELBLAG	POLAND	82397	CT	FORTALEZA	BRAZIL
63686	C	ELDORET	KENYA	10637	C	FRANKFURT/M-FLUGHAFEN	GERMANY
72486	C	ELY/YELLAND, NV.	USA	72389	C	FRESNO/AIR TERM., CA.	USA
07591	CT	EMBRUN	FRANCE	02226	C	FROSON	SWEDEN
10200	C	EMDEN-FLUGPLATZ	GERMANY	60035	C	FUERTEVENTURA/AEROPUERTO	SPAIN
76256	C	EMPALME, SON	MEXICO	47843	C	FUKUE	JAPAN
62781	C	EN NAHUD	SUDAN	47807	CT	FUKUOKA	JAPAN
29263	C	ENISEJSK	RUSSIAN FEDERATION	91643	T	FUNAFUTI	TUVALU
24817	C	ERBOGACEN	RUSSIAN FEDERATION	08522	CT	FUNCHAL	MADEIRA
44237	C	ERDENEMANDAL	MONGOLIA	60765	C	GABES	TUNISIA
53068	C	ERENHOT	CHINA	60745	C	GAFSA	TUNISIA
10554	C	ERFURT-BINDERSLEBEN	GERMANY	44284	C	GAIUUT	MONGOLIA
17092	C	ERZINCAN	TURKEY	15310	C	GALATI	ROMANIA
17096	C	ERZURUM	TURKEY	83746	T	GALEAO	BRAZIL
40800	C	ESFAHAN	IRAN, ISLAMIC REP	72242	C	GALVESTON, TX.	USA
03162	C	ESKDALEMUIR	U KINGDOM	64454	C	GAMBOMA	CONGO
87803	C	ESQUEL AERO	ARGENTINA	94926	C	GANBERRAAMO	AUSTRALIA
60220	C	ESSAOUIRA	MOROCCO	71803	C	GANDER INT. AIRPORT, NFLD.	CANADA
10410	CT	ESSEN	GERMANY	57993	C	GANZHOU	CHINA
71862	C	ESTEVAN, SASK.	CANADA	61226	C	GAO	MALI
71917	T	EUREKA UA, N.W.T.	CANADA	65522	C	GAOUA	BURKINA FASO
72594	C	EUREKA, CA.	USA	63723	C	GARISSA	KENYA

STATION LIST RECENT DATA

40405	C	GASSIM	SAUDI ARABIA	16253	C	GRAZZANISE	ITALY
42410	CT	GAUHATI	INDIA	72645	C	GREEN BAY/A.-STRAUBEL,WI.	USA
61099	C	GAYA	NIGER	72317	C	GREENSBORO/G.-HIGHPT., NC.	USA
62752	C	GEDAREF	SUDAN	72312	C	GREENVILLE/SPATANBURG,SC	USA
10628	C	GEISENHEIM	GERMANY	10184	CT	GREIFSWALD	GERMANY
62770	C	GENEINA	SUDAN	08226	C	GUADALAJARA	SPAIN
87532	C	GENERALPICO AERO	ARGENTINA	87497	C	GUALEGUAYCHUAERO	ARGENTINA
06700	C	GENEVE-COINTRIN	SWITZERLAND	76577	C	GUANAJUATO,GTO.	MEXICO
68828	C	GEORGE AIRPORT	SOUTH AFRICA	80428	C	GUANARE	VENEZUELA
81001	C	GEORGETOWN	GUYANA	59287	C	GUANGZHOU	CHINA
94275	C	GEORGETOWN	AUSTRALIA	80448	C	GUASDUALITO	VENEZUELA
94403	CT	GERALDTON AIRPORT	AUSTRALIA	60403	C	GUELMA	ALGERIA
08184	C	GERONA/COSTABRAVA	SPAIN	80423	C	GUIRIA	VENEZUELA
60566	C	GHARDAIA	ALGERIA	02128	C	GUNNARN	SWEDEN
60517	C	GHAZAOUET	ALGERIA	40360	C	GURIAT	SAUDI ARABIA
40296	C	GHOR EL SAFI	JORDAN	40250	C	H-4 'IRWAISHED'	JORDAN
08495	CT	GIBRALTAR	GIBRALTAR	31735	C	HABAROVSK	RUSSIAN FEDERATION
08014	C	GIJON	SPAIN	47678	CT	HACHIJOJIMA	JAPAN
94461	CT	GILES	AUSTRALIA	76692	C	HACIENDA YLANG YLANG VER.	MEXICO
17034	C	GIRESUN	TURKEY	40373	T	HAFR AL-BATIN	SAUDI ARABIA
93292	C	GISBORNE AERODROME AWS	N ZEALAND	59758	C	HAIKOU	CHINA
41140	C	GIZAN	SAUDI ARABIA	40394	CT	HAIL	SAUDI ARABIA
72768	C	GLASGOW/INTL,MT.	USA	50527	CT	HAILAR	CHINA
20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION	17285	C	HAKKARI	TURKEY
43192	CT	GOA/PANJIM	INDIA	47430	C	HAKODATE	JAPAN
87880	C	GOBERNADOR GREGORES AERO	ARGENTINA	71081	CT	HALL BEACH UA,N.W.T.	CANADA
10499	C	GOERLITZ	GERMANY	89022	CT	HALLEY	U KINGDOM
83423	C	GOIANIA	BRAZIL	94212	C	HALLS CREEK AMO	AUSTRALIA
63331	C	GONDAR	ETHIOPIA	47755	C	HAMADA	JAPAN
71816	CT	GOOSE UA,NFLD.	CANADA	43497	C	HAMBANTOTA	SRI LANKA
63403	C	GORE	ETHIOPIA	10147	C	HAMBURG-FUHLSBUETTEL	GERMANY
71733	C	GORE BAY,ONT.	CANADA	52203	C	HAMI	CHINA
97048	C	GORONTALO/JALALUDDIN	INDONESIA	10338	C	HANNOVER	GERMANY
02527	T	GOTEBORG/LANDVETTER	SWEDEN	23933	C	HANTY-MANSIJSK	RUSSIAN FEDERATION
02512	C	GOTEBORG/SAVE	SWEDEN	02196	C	HAPARANDA	SWEDEN
68906	CT	GOUGH ISLAND	SOUTH AFRICA	67775	C	HARARE (KUTSAGA)	ZIMBABWE
07535	C	GOURDON	FRANCE	72508	C	HARTFORD/BRADLEY INTL, CT.	USA
61045	C	GOURE	NIGER	60581	C	HASSI-MESSAOUD	ALGERIA
94150	CT	GOVE AIRPORT	AUSTRALIA	20891	C	HATANGA	RUSSIAN FEDERATION
08419	C	GRANADA/AEROPUERTO	SPAIN	44207	C	HATGAL	MONGOLIA
72476	C	GRAND JUNCTION/WALKERF.,CO.	USA	78988	CT	HATO AIRPORT,CURACAO	CURACAO AND BONAIRE
72635	C	GRAND RAPIDS/KENT CO., MI.	USA	71935	C	HAY RIVER,N.W.T.	CANADA
78954	C	GRANTLEY ADAMS	BARBADOS	72772	C	HELENA/COUNTY-CITY,MT.	USA
11240	C	GRAZ-THALERHOF-FLUGHAFEN	AUSTRIA	02974	C	HELSINKI-VANTAA	FINLAND

STATION LIST RECENT DATA

62378	CT	HELWAN	EGYPT	72747	CT	INT.FALLS/FALLSINT.MN.	USA
16754	CT	HERAKLION(AIRPORT)	GREECE	71907	CT	INUKJUAQ, QUE	CANADA
91945	C	HEREHERETUE	FRENCH POLY.	71957	CT	INUVIK UA,N.W.T.	CANADA
60001	C	HIERRO/AEROPUERTO	SPAIN	93844	CT	INVERCARGILLAERODROME	N ZEALAND
71066	C	HIGH LEVEL, ALTA	CANADA	94541	C	INVERELLPOST OFFICE	AUSTRALIA
91753	C	HIHIFO (ILE WALLIS)	N CALEDONIA	80370	C	IPIALES/SANLUIS	COLOMBIA
91285	CT	HILO/GEN.LYMAN, HAWAII,	USA ONIA	71909	CT	IQALUIT, N.W.T.	CANADA
94975	CT	HOBART AIRPORT	AUSTRALIA	84377	C	IQUITOS	PERU
10685	C	HOF	GERMANY	83881	C	IRAI	BRAZIL
10962	C	HOHENPEISSENBERG	GERMANY	83836	C	IRATI	BRAZIL
93614	C	HOKITIKA AERODROME	N ZEALAND	68263	T	IRENE	SOUTH AFRICA
93615	C	HOKITIKA AERODROME AWS	N ZEALAND	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/INTERCONTINENTAL,	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	HUJIRT	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	HYDERABAD AIRPORT	INDIA	08417	C	JAEN	SPAIN
41764	C	HYDERABAD AIRPORT	PAKISTAN	43041	C	JAGDALPUR	INDIA
43128	C	HYDERABAD AIRPORT	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/SULTAN TAHA	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	IMPFONDO	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/WEI., IN.	USA	41756	C	JIWANI	PAKISTAN
42754	C	INDORE	INDIA	83481	C	JOAO PINHEIRO	BRAZIL
11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA	42339	CT	JODHPUR	INDIA

STATION LIST RECENT DATA

02929	C	JOENSUU	FINLAND	10946	C	KEMPTEN	GERMANY
68368	C	JOHANNESBURGINT. AIRPORT	SOUTH AFRICA	61285	C	KENIEBA	MALI
02963	CT	JOKIOINEN	FINLAND	60120	C	KENITRA	MOROCCO
02550	C	JONKOPING/AXAMO	SWEDEN	16641	C	KERKYRA (AIRPORT)	GREECE
78762	C	JUAN SANTAMARIA	COSTA RICA	93997	T	KERMADECIS.	N ZEALAND
62941	C	JUBA	SUDAN	40841	CT	KERMAN	IRAN, ISLAMIC REP
87046	C	JUJUY AERO	ARGENTINA	40766	C	KERMANS SHAH	IRAN, ISLAMIC REP
84735	C	JULIACA	PERU	02805	C	KEVO	FINLAND
78866	CT	JULIANA AIRPORT, ST. MAARTEN	ST.MAARTEN, ST.EUST	72201	C	KEY WEST/INT., FL.	USA
87548	C	JUNIN AERO	ARGENTINA	44313	C	KHALKH-GOL	MONGOLIA
32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION	41114	C	KHAMIS MUSHAIT	SAUDI ARABIA
02935	CT	JYVASKYLA	FINLAND	41718	C	KHANPUR	PAKISTAN
62810	C	KADUGLI	SUDAN	34300	C	KHARKIV	UKRAINE
47827	CT	KAGOSHIMA	JAPAN	62721	CT	KHARTOUM	SUDAN
17255	C	KAHRAMANMARAS	TURKEY	60476	C	KHENCHELLA	ALGERIA
93678	C	KAIKOURA	N ZEALAND	41744	C	KHUZDAR	PAKISTAN
60735	C	KAIROUAN	TUNISIA	02801	C	KILPISJARVI	FINLAND
93012	C	KAITAIA	N ZEALAND	68438	C	KIMBERLEY	SOUTH AFRICA
02897	C	KAJAANI	FINLAND	40417	C	KING FAHAD INT. AIRPORT	SAUDI ARABIA
30469	C	KALAKAN	RUSSIAN FEDERATION	40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA
16726	C	KALAMATA (AIRPORT)	GREECE	70326	C	KING SALMON	USA
94101	C	KALUMBURU	AUSTRALIA	45004	CT	KING'S PARK	HONG KONG, CHINA
25744	C	KAMENSKOE	RUSSIAN FEDERATION	78397	CT	KINGSTON/NORMANMANLEY	JAMAICA
71887	C	KAMLOOPS, B.C.	CANADA	03066	C	KINLOSS	U KINGDOM
47605	C	KANAZAWA	JAPAN	64210	C	KINSHASA/N'DJILI	DEMO. REP THE CONG
65306	C	KANDI	BENIN	30230	CT	KIRENSK	RUSSIAN FEDERATION
47105	C	KANGNUNG	REP KOREA	61270	C	KITA	MALI
22165	C	KANIN NOS	RUSSIAN FEDERATION	11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA
61679	C	KAOLACK	SENEGAL	26509	C	KLAJPEDA	LITHUANIA
41780	C	KARACHIAIRPORT	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	61698	C	KOLDA	SENEGAL
10727	C	KARLSRUHE	GERMANY	29231	CT	KOLPASEVO	RUSSIAN FEDERATION
02418	C	KARLSTADFLYGPLATS	SWEDEN	10929	C	KONSTANZ	GERMANY
17098	C	KARS	TURKEY	17244	C	KONYA	TURKEY
51709	C	KASHI	CHINA	25954	CT	KORF	RUSSIAN FEDERATION
62730	C	KASSALA	SUDAN	91408	C	KOROR, PALAU IS.	USA FEDERATION
17074	C	KASTAMONU	TURKEY	62772	C	KOSTI	SUDAN
44454	C	KATHMANDU AIRPORT	NEPAL	42452	C	KOTA AERODROME	INDIA
26629	C	KAUNAS	LITHUANIA	48615	CT	KOTA BHARU	MALAYSIA
61257	C	KAYES	MALI	96471	CT	KOTA KINABALU	MALAYSIA
27595	CT	KAZAN'	RUSSIAN FEDERATION	70133	CT	KOTZEBUE, RALPH WIEN	USA
04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND	91577	C	KOUMAC (NLLE-CALEDONIE)	N CALEDONIA

STATION LIST RECENT DATA

61293	C	KOUTIALA	MALI	87563	C	LAS FLORES AERO	ARGENTINA
43314	C	KOZHICODE	INDIA	80241	CT	LAS GAVIOTAS	COLOMBIA
12566	C	KRAKOW	POLAND	87078	C	LAS LOMITAS	ARGENTINA
60514	C	KSAR CHELLALA	ALGERIA	60030	C	LAS PALMAS DE GRAN CAN./GAN.	SPAIN
48647	C	KUALALUMPUR/SUBANG	MALAYSIA	72386	C	LAS VEGAS/MCCARRAN,NV.	USA
48657	C	KUANTAN	MALAYSIA	94968	C	LAUNCESTONAIRPORT	AUSTRALIA
96413	CT	KUCHING	MALAYSIA	07471	C	LE BUY	FRANCE
65442	C	KUMASI	GHANA	78925	C	LE LAMENTIN	MARTINIQUE
56778	CT	KUNMING	CHINA	78897	CT	LE RAIZET,GAUDELOUPE	ST.MARTIN,ST.BARTH
15730	C	KURDJALI	BULGARIA	07207	C	LE TALUT	FRANCE
47418	C	KUSHIRO	JAPAN	12120	CT	LEBA	POLAND
28952	C	KUSTANAI	KAZAKHSTAN	03257	C	LEEMING	U KINGDOM
71906	CT	KUUJUAQ,QUE.	CANADA	98444	C	LEGASPI	PHILIPPINES
71905	C	KUUJUARAPIK,QUE.	CANADA	12374	T	LEGIONOWO	POLAND
02869	C	KUUSAMO	FINLAND	10469	C	LEIPZIG-SCHKEUDITZ	GERMANY
91366	C	KWAJALEIN/BUCHOLZAAF, MARSH	USA	83242	C	LENCOIS	BRAZIL
47158	T	KWANGJU AB	REP KOREA	08055	C	LEON/VIRGENDEL CAMINO	SPAIN
33345	C	KYIV	UKRAINE	08171	C	LERIDA	SPAIN
33393	C	L'VIV	UKRAINE	03005	CT	LERWICK	U KINGDOM
80476	C	LA CANADA	VENEZUELA	80398	CT	LETICIA/VASQUEZCOBO	COLOMBIA
08001	CT	LA CORUNA	SPAIN	72422	C	LEXINGTON/BLUEGRASS, KY.	USA
08002	C	LA CORUNA/ALVEDRO	SPAIN	55591	CT	LHASA	CHINA
71823	CT	LA GRANDEIV,QUE.	CANADA	11603	C	LIBEREC	CZECH REP
71827	C	LA GRANDE RIVIERE, QUE	CANADA	64500	C	LIBREVILLE	GABON
07020	CT	LA HAGUE	FRANCE	91165	C	LIHUE, KAUAI, HAWAII	USA
60005	C	LA PALMA/AEROPUERTO	SPAIN	07015	C	LILLE	FRANCE
76405	C	LA PAZ, B.C.S.	MEXICO	67586	C	LILONGWEINT'L AIRPORT	MALAWI
85201	C	LA PAZ/ALTO	BOLIVIA	84628	CT	LIMA-CALLAO/AEROP.INTERNACI	PERU
87007	C	LA QUIACA OBSERVATORIO	ARGENTINA	07434	C	LIMOGES	FRANCE
87217	C	LA RIOJA AERO.	ARGENTINA	10393	CT	LINDENBERG	GERMANY
85488	C	LA SERENA	CHILE	61627	C	LINGUERE	SENEGAL
87534	C	LABOULAYE	ARGENTINA	08579	T	LISBOA/GAGOCOUTINHO	PORTUGAL
82723	C	LABREA	BRAZIL	08535	C	LISBOA/GEOF	PORTUGAL
96465	C	LABUAN	MALAYSIA	10020	C	LIST/SYLT	GERMANY
60545	C	LAGHOUAT	ALGERIA	08084	C	LOGRONO/AGONCILLO	SPAIN
41640	C	LAHORECITY	PAKISTAN	65387	C	LOME	TOGO
08508	T	LAJES/SANTARITA (ACORES)	PORTUGAL	03772	C	LONDON/HEATHROWAIRPORT	U KINGDOM
72240	C	LAKE CHARLES/MUN.,LA.	USA	83766	C	LONDRINA	BRAZIL
72576	C	LANDER/HUNT,WY.	USA	94346	C	LONGREACHAIRPORT	AUSTRALIA
60040	C	LANZAROTE/AEROPUERTO	SPAIN	94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA
52889	CT	LANZHOU	CHINA	72295	C	LOS ANGELES/INT.,CA.	USA
98223	CT	LAOAG	PHILIPPINES	64401	C	LOUBOMO	CONGO
16648	C	LARISSA (AIRPORT)	GREECE	72423	C	LOUISVILLE/STANDIFORD,KY.	USA
17609	C	LARNACAIRPORT	CYPRUS	72267	C	LUBBOCK/LUBBOCKINTL, TX.	USA

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42369	T	LUCKNOW/AMAUSI	INDIA	44341	C	MANDALGOVI	MONGOLIA
06770	C	LUGANO	SWITZERLAND	43285	T	MANGALORE/PANAMBUR	INDIA
08008	C	LUGO/ROZAS	SPAIN	65352	C	MANGO	TOGO
16597	C	LUQA	MALTA	82533	C	MANICORE	BRAZIL
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	71722	CT	MANIWAKI,QUE.	CANADA
03740	C	LYNEHAM	U KINGDOM	97530	C	MANOKWARI/RENDANI	INDONESIA
71078	C	LYNN LAKE, MAN.	CANADA	03797	C	MANSTON	U KINGDOM
60467	C	M'SILA	ALGERIA	76654	C	MANZANILLO,COL.	MEXICO
40310	C	MA'AN	JORDAN	67341	C	MAPUTO/MAVALANE	MOZAMBIQUE
44294	C	MAANTI	MONGOLIA	87774	C	MAQUINCHAO	ARGENTINA
82098	C	MACAPA	BRAZIL	87692	C	MAR DEL PLATA AERO	ARGENTINA
43185	C	MACHILIPATNAM	INDIA	82562	C	MARABA	BRAZIL
94367	C	MACKAY MO	AUSTRALIA	80407	C	MARACAIBO-LACHINITA	VENEZUELA
72217	C	MACON/LEWIS B.WILSON,GA.	USA	80413	C	MARACAY - B.A. SUCRE	VENEZUELA
94998	CT	MACQUARIE ISLAND	AUSTRALIA	61080	C	MARADI	NIGER
98646	C	MACTAN	PHILIPPINES	87467	C	MARCOS JUAREZ AERO	ARGENTINA
40430	CT	MADINAH	SAUDI ARABIA	16325	C	MARINA DI GINOSA	ITALY
72641	C	MADISON/DANE COUNTY REGIONAL	USA	68994	CT	MARION ISLAND	SOUTH AFRICA
43279	CT	MADRAS/MINAMBAKKAM	INDIA	60230	C	MARRAKECH	MOROCCO
08221	CT	MADRID/BARAJAS	SPAIN	94480	C	MARREE	AUSTRALIA
08223	C	MADRID/CUATRO VIENTOS	SPAIN	61996	T	MARTIN DE VIVIES (ILE AMSTER	OCEAN ISLANDS
08224	C	MADRID/GETAFE	SPAIN	60507	C	MASCARA GRISS	ALGERIA
08227	C	MADRID/TORREJON	SPAIN	60506	C	MASCARA METMORE	ALGERIA
47624	C	MAEBASHI	JAPAN	40745	CT	MASHHAD	IRAN, ISLAMIC REP
40265	CT	MAFRAQ	JORDAN	41288	C	MASIRAH	OMAN
85114	C	MAGDALENA	BOLIVIA	61630	C	MATAM	SENEGAL
10361	C	MAGDEBURG	GERMANY	76585	C	MATLAPA, S.L.P.	MEXICO
67073	C	MAINTIRANO	MADAGASCAR	47741	C	MATSUE	JAPAN
47750	C	MAIZURU	JAPAN	47618	C	MATSUMOTO	JAPAN
91376	C	MAJURO/MARSHALLS. INTL	USA	47887	C	MATSUYAMA	JAPAN
41030	C	MAKKAH	SAUDI ARABIA	80435	C	MATURIN	VENEZUELA
64556	C	MAKOKOU	GABON	89564	CT	MAWSON	AUSTRALIA
64456	C	MAKOUA	CONGO	70231	C	MCGRATH	USA
48665	C	MALACCA	MALAYSIA	60549	C	MECHERIA	ALGERIA
08482	C	MALAGA/AEROPUERTO	SPAIN	60437	C	MEDEA	ALGERIA
62840	C	MALAKAL	SUDAN	72597	CT	MEDFORD/MEDFORD-JACKSON COU	USA
87506	C	MALARGUE AERO	ARGENTINA	94430	C	MEEKATHARRAAIRPORT	AUSTRALIA
17199	C	MALATYA/BOLGE	TURKEY	10548	CT	MEININGEN	GERMANY
03980	C	MALIN HEAD	IRELAND	60150	C	MEKNES	MOROCCO
63799	C	MALINDI	KENYA	94866	C	MELBOURNEAIRPORT	AUSTRALIA
78741	C	MANAGUA A.C.SANDINO	NICARAGUA	60338	C	MELILLA	SPAIN
82331	C	MANAUS	BRAZIL	86440	C	MELO	URUGUAY
82332	T	MANAUS (AEROPORTO)	BRAZIL	97014	C	MENADO/DR.SAM RATULANGI	INDONESIA
03334	C	MANCHESTER AIRPORT	U KINGDOM	61250	C	MENAKA	MALI

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87418	C	MENDOZA AERO	ARGENTINA	83437	C	MONTES CLAROS	BRAZIL
80425	C	MENE GRANDE	VENEZUELA	72226	C	MONTGOMERY/DANNELLYAL.	USA
56985	C	MENGZI	CHINA	07643	C	MONTPELLIER	FRANCE
08314	C	MENORCA/MAHON	SPAIN	71836	T	MOOSONEE,ONT.	CANADA
97980	C	MERAUKE/MOPAH	INDONESIA	61265	C	MOPTI	MALI
86490	C	MERCEDES	URUGUAY	76665	C	MORELIA,MICH.	MEXICO
80438	C	MERIDA	VENEZUELA	08397	C	MORON DE LA FRONTERA	SPAIN
72234	C	MERIDIAN/KEY,MS.	USA	94937	C	MORUYE HEADS PILOT STN	AUSTRALIA
62306	CT	MERSA MATRUH	EGYPT	27612	CT	MOSKVA	RUSSIAN FEDERATION
17340	C	MERSIN	TURKEY	60457	C	MOSTAGANEMVILLE	ALGERIA
48674	C	MERSING	MALAYSIA	64550	C	MOUILA	GABON
16420	C	MESSINA	ITALY	94821	CT	MOUNT GAMBIER AERO	AUSTRALIA
72202	C	MIAMI, FL.	USA	88889	C	MOUNT PLEASANT AIRPORT	UK FALKLANDISLANDS
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/SANJAVIER	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	MUROTOMISAKI	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
47585	C	MIYAKO	JAPAN	61049	C	N'GUIGMI	NIGER
47927	C	MIYAKOJIMA	JAPAN	60557	C	NAAMA	ALGERIA
47830	C	MIYAZAKI	JAPAN	47817	C	NAGASAKI	JAPAN
68242	C	MMABATHO	SOUTH AFRICA	47636	C	NAGOYA	JAPAN
72223	C	MOBILE/BATESFIELD, AL.	USA	42867	CT	NAGPUR SONEGAON	INDIA
30673	C	MOGOCA	RUSSIAN FEDERATION	12925	C	NAGYKANIZSA	HUNGARY
47165	C	MOKPO	REP KOREA	47936	CT	NAHA	JAPAN
72544	C	MOLINE/QUADCITY, IL.	USA	63740	C	NAIROBI/KENYATTAIRPORT	KENYA
76342	C	MONCLOVA,COAH.	MEXICO	41128	C	NAJRAN	SAUDI ARABIA
07560	C	MONT AIGOUAL	FRANCE	48431	C	NAKHONRATCHASIMA	THAILAND
07607	C	MONT-DE-MARSAN	FRANCE	48400	C	NAKHONSAWAN	THAILAND
87393	C	MONTE CASEROS AERO	ARGENTINA	58606	C	NANCHANG	CHINA
78388	C	MONTEGOBAY/SANGSTER	JAMAICA	07180	CT	NANCY/ESSEY	FRANCE
76393	C	MONTERREY,N.L.	MEXICO	91680	CT	NANDI	FIJI

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59431	C	NANNING	CHINA	72562	CT	NORTHPLATTE/LEEBIRD, NE.	USA
07222	C	NANTES	FRANCE	61415	C	NOUADHIBOU	MAURITANIA
23205	CT	NAR'JAN-MAR	RUSSIAN FEDERATION	91592	CT	NOUMEA (NLLE-CALEDONIE)	N CALEDONIA
61233	C	NARA	MALI	89512	CT	NOVOLAZAREVSKAJA	USSR
04270	T	NARSARSUAQ	GREENLAND	10506	C	NUERBURG-BARWEILER	GERMANY
72327	CT	NASHVILLE/METROPOLITAN, TN.	USA	10763	C	NUERNBERG	GERMANY
78073	C	NASSAU AIRPORT	BAHAMAS	04250	C	NUUK (GODTHAAB)	GREENLAND
82598	C	NATAL	BRAZIL	43473	C	NUWARA ELIYA	SRI LANKA
82599	T	NATAL (AEROPORTO)	BRAZIL	62790	C	NYALA	SUDAN
71813	C	NATASHQUAN, QUE.	CANADA	33837	C	ODESA	UKRAINE
65319	C	NATITINGOU	BENIN	31088	CT	OHOTSK	RUSSIAN FEDERATION
91683	C	NAUSORI	FIJI	47815	C	OITA	JAPAN
08215	C	NAVACERRADA	SPAIN	24688	C	OJMJAKON	RUSSIAN FEDERATION
41749	C	NAWABSHAH	PAKISTAN	24125	CT	OLENEK	RUSSIAN FEDERATION
47909	CT	NAZE	JAPAN	72792	C	OLYMPIA, WA.	USA
64700	C	NDJAMENA	CHAD	47655	C	OMAEZAKI	JAPAN
80315	C	NEIVA/BENITOSALAS	COLOMBIA	44215	C	OMNO-GOBI	MONGOLIA
47420	CT	NEMURO	JAPAN	28698	CT	OMSK	RUSSIAN FEDERATION
89002	CT	NEUMAYER	GERMANY	47598	C	ONAHAMA	JAPAN
87715	C	NEUQUENA AERO	ARGENTINA	91699	C	ONO-I-LAU	FIJI
10270	C	NEURUPPIN	GERMANY	87016	C	ORAN AERO	ARGENTINA
42182	CT	NEW DELHI/SAFDARJUNG	INDIA	60461	C	ORAN PORT	ALGERIA
72231	C	NEW ORLEANS/MOISANTINT., LA	USA	60490	C	ORAN/ES SENIA	ALGERIA
93308	C	NEW PLYMOUTH AERODROME	N ZEALAND	35121	CT	ORENBURG	RUSSIAN FEDERATION
93309	C	NEW PLYMOUTH AWS	N ZEALAND	08048	C	ORENSE	SPAIN
72503	C	NEW YORK/LA GUARDIA, NY.	USA	01241	CT	ORLAND	NORWAY
94317	C	NEWMAN AERO	AUSTRALIA	72205	C	ORLANDO/JETPORT, FL.	USA
64870	C	NGAOUNDERE	CAMEROON	40712	C	ORUMIEH	IRAN, ISLAMIC REP
61052	CT	NIAMEY-AERO	NIGER	85242	C	ORURO	BOLIVIA
07690	C	NICE	FRANCE	47772	C	OSAKA	JAPAN
17250	C	NIGDE	TURKEY	47122	T	OSAN AB	REP KOREA
02942	C	NIINISALO	FINLAND	47675	C	OSHIMA	JAPAN
32618	C	NIKOL'SKOE	RUSSIAN FEDERATION	01384	C	OSLO/GARDERMOEN	NORWAY
31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION	85782	C	OSORNO	CHILE
07645	T	NIMES/COURBESSAC	FRANCE	11782	C	OSTRAVA/MOSNOV	CZECH REP
98429	C	NINOY AQUINO INTER- NATIONAL	PHILIPPINES	20674	CT	OSTROV DIKSON	RUSSIAN FEDERATION
61230	C	NIORO DU SAHEL	MALI	21432	C	OSTROV KOTEL' NYJ	RUSSIAN FEDERATION
41710	C	NOKKUNDI	PAKISTAN	20069	C	OSTROV VIZE	RUSSIAN FEDERATION
70200	CT	NOME	USA	65503	C	OUAGADOUGOU	BURKINA FASO
94996	CT	NORFOLK ISLAND AERO	AUSTRALIA	65502	C	OUAHIGOUYA	BURKINA FASO
72308	C	NORFOLK/INT., VA.	USA	60580	C	OUARGLA	ALGERIA
72556	C	NORFOLK/KARLSTEFAN, NE.	USA	60265	C	OUARZAZATE	MOROCCO
71043	CT	NORMAN WELLS UA, N.W.T.	CANADA	07100	C	OUESSANT	FRANCE
72340	C	NORTH LITTLE ROCK/MUNICIPAL	USA	64458	C	OUESSO	CONGO

STATION LIST RECENT DATA

60115	C	OUIDA	MOROCCO	48565	T	PHUKET AIRPORT	THAILAND
02875	C	OULU	FINLAND	78970	CT	PIARCO INT. AIRPORT,TRINIDAD	TRINIDAD AND TOBAGO
60421	C	OUM EL BOUAGHI	ALGERIA	76243	C	PIEDRAS NEGRAS	MEXICO
08015	C	OVIEDO	SPAIN	68174	C	PIETERSBURG	SOUTH AFRICA
47663	C	OWASE	JAPAN	87679	C	PIGUE AERO	ARGENTINA
91765	CT	PAGO PAGO/INT. AIRPORT	SAMOA	87349	C	PILAR OBSERVATORIO	ARGENTINA
96109	C	PAKANBARU/SIMPANGTIGA	INDONESIA	33019	C	PINSK	BELARUS
96221	C	PALEMBANG/TALANGBETUTU	INDONESIA	16158	C	PISA/S. GIUSTO	ITALY
08301	CT	PALMA DE MALLORCA	SPAIN	84691	C	PISCO	PERU
08306	C	PALMA DE MALLORCA/SONSAN JU	SPAIN	72520	C	PITTSBURGH/GREATERPITT.,PA.	USA
80479	C	PALMICHAL	VENEZUELA	84401	C	PIURA	PERU
97072	C	PALU/MUTIARA	INDONESIA	61990	C	PLAISANCE (MAURITIUS)	MAURITIUS
43363	C	PAMBAN	INDIA	07117	C	PLOUMANACH	FRANCE
08085	C	PAMPLONA/NOAIN	SPAIN	65518	C	PO	BURKINA FASO
96237	C	PANGKALPINANG/PANGKALPINANG	INDONESIA	72578	C	POCATELLO/NUM.,ID.	USA
41739	C	PANJGUR	PAKISTAN	13463	C	PODGORICA-GRAD	YUGOSLAVIA
41560	C	PARACHINAR	PAKISTAN	61612	C	PODOR	SENEGAL
65330	C	PARAKOU	BENIN	47138	CT	POHANG	REP KOREA
87374	C	PARANA AERO	ARGENTINA	64400	C	POINTE-NOIRE	CONGO
93417	CT	PARAPARAUMU AERODROME	N ZEALAND	07335	C	POITIERS	FRANCE
82287	C	PARNAIBA	BRAZIL	91348	C	PONAPE, CAROLINE ISLANDS.	USA
41759	C	PASNI	PAKISTAN	71095	C	POND INLET, N.W.T.	CANADA
87289	C	PASO DE LOS LIBRES AERO	ARGENTINA	08053	C	PONFERRADA	SPAIN
86460	C	PASO DE LOS TOROS	URUGUAY	08513	C	PONTA DELGADA/(OBS.)	PORTUGAL
80342	C	PASTO/ANTONIONARINO	COLOMBIA	83702	C	PONTA PORA	BRAZIL
42492	T	PATNA	INDIA	08044	C	PONTEVEDRA	SPAIN
82791	C	PATOS	BRAZIL	43063	C	POONA	INDIA
06610	T	PAYERNE	SWITZERLAND	11952	T	POPRAD-GANOVCE	SLOVAKIA
12942	C	PECS/POGANY	HUNGARY	11934	C	POPRAD/TATRY	SLOVAKIA
87544	C	PEHUAJO AERO	ARGENTINA	80421	C	PORLAMAR (AEROPUERTO INT. DE	VENEZUELA
67215	C	PEMBA	MOZAMBIQUE	43333	CT	PORT BLAIR	INDIA
48601	CT	PENANG/BAYANLEPAS	MALAYSIA	68842	CT	PORT ELIZABETH	SOUTH AFRICA
72688	C	PENDLETON,OR.	USA	71109	CT	PORT HARDY UA,B.C.	CANADA
72532	C	PEORIA/GREATERPEORIA, IL.	USA	94312	CT	PORT HEDLAND AIRPORT	AUSTRALIA
80210	C	PEREIRA/MATECANA	COLOMBIA	62641	C	PORT SUDAN	SUDAN
87852	C	PERITO MORENO AERO	ARGENTINA	78437	C	PORT-AU-PRINCE(DAMIEN)	HAITI
07747	C	PERPIGNAN	FRANCE	71197	C	PORT-AUX-BASQUES,NFLD.	CANADA
94610	CT	PERTH AIRPORT	AUSTRALIA	61998	CT	PORT-AUX-FRANCAIS(ILES KERG	OCEAN ISLANDS
41530	C	PESHAWAR	PAKISTAN	64501	C	PORT-GENTIL	GABON
82983	CT	PETROLINA	BRAZIL	72698	C	PORTLAND/INT.,OR.	USA
32540	T	PETROPAVLOVSK-KAMCATSKIJ	RUSSIAN FEDERATION	72606	C	PORTLAND/INTNLJET PORT, ME	USA
72408	C	PHILADELPHIA/INT.,PA.	USA	83967	C	PORTO ALEGRE	BRAZIL
48378	C	PHITSANULOK	THAILAND	83971	T	PORTO ALEGRE (AERO- PORTO)	BRAZIL
72278	C	PHOENIX/SKY HARBOR INTL, AZ.	USA	83064	C	PORTO NACIONAL	BRAZIL

STATION LIST RECENT DATA

82825	C	PORTO VELHO	BRAZIL	91958	CT	RAPA	FRENCH POLY.
82824	T	PORTO VELHO (AEROPORTO)	BRAZIL	72662	C	RAPID CITY/REGIONAL AIRPORT,	USA
08546	C	PORTO/SERRADO PILAR	PORTUGAL	91843	C	RAROTONGA	COOK ISLANDS
87178	C	POSADAS AERO.	ARGENTINA	22602	C	REBOLY	RUSSIAN FEDERATION
83332	C	POSSE	BRAZIL	82900	CT	RECIFE (CURADO)	BRAZIL
10379	C	POTSDAM	GERMANY	87270	C	RECONQUISTA AERO	ARGENTINA
12330	C	POZNAN	POLAND	07070	C	REIMS	FRANCE
48500	C	PRACHUAP KHIRIKHAN	THAILAND	62801	C	RENK	SUDAN
11520	CT	PRAHA-LIBUS	CZECH REP	07130	C	RENNES	FRANCE
11518	C	PRAHA/RUZYNE	CZECH REP	72488	C	RENO/INT., NV.	USA
16245	T	PRATICA DI MARE	ITALY	76658	C	RESERVED	MEXICO
68262	C	PRETORIA	SOUTH AFRICA	19984	C	RESERVED	RESERVED
11659	C	PRIBYSLAV	CZECH REP	10097	C	RESERVED	GERMANY
11423	C	PRIMDA	CZECH REP	10120	C	RESERVED	GERMANY
71869	C	PRINCE ALBERT, SASK.	CANADA	10138	C	RESERVED	GERMANY
04390	C	PRINS CHRISTIAN SUND	GREENLAND	08420	C	RESERVED	SPAIN
72507	C	PROVIDENCE/GREENSTATE, RI.	USA	10166	C	RESERVED	GERMANY
80002	C	PROVIDENCIA (ISLA)/EL EMBRUJ	COLOMBIA	71160	C	RESERVED	CANADA
84515	C	PUCALLPA	PERU	44325	C	RESERVED	MONGOLIA
85574	C	PUDAHUEL	CHILE	71713	C	RESERVED	CANADA
76855	C	PUERTO ANGEL, OAX	MEXICO	71918	C	RESERVED	CANADA
80457	C	PUERTO AYACUCHO	VENEZUELA	71721	C	RESERVED	CANADA
80139	C	PUERTO CARRENO/A. GUAUQUEA	COLOMBIA	08219	C	RESERVED	SPAIN
87896	C	PUERTO DESEADO AERO	ARGENTINA	10068	C	RESERVED	GERMANY
78767	C	PUERTO LIMON	COSTA RICA	17123	C	RESERVED	TURKEY
85799	CT	PUERTO MONTT	CHILE	60563	C	RESERVED	ALGERIA
78458	C	PUERTO PLATA	DOMINICAN REP	60415	C	RESERVED	ALGERIA
85289	C	PUERTO SUAREZ	BOLIVIA	10107	C	RESERVED	GERMANY
85934	CT	PUNTA ARENAS	CHILE	10109	C	RESERVED	GERMANY
87596	C	PUNTA INDIO B.A.	ARGENTINA	44317	C	RESERVED	MONGOLIA
47159	C	PUSAN	REP KOREA	60401	C	RESERVED	ALGERIA
56137	C	QAMDO	CHINA	10101	C	RESERVED	GERMANY
54857	C	QINGDAO	CHINA	87155	C	RESISTENCIA AERO.	ARGENTINA
50745	C	QIQIHAR	CHINA	71924	CT	RESOLUTE UA, N.W.T.	CANADA
67283	C	QUELIMANE	MOZAMBIQUE	08175	C	REUS/AEROPUERTO	SPAIN
71103	C	QUESNEL, B.C.	CANADA	04030	C	REYKJAVIK	ICELAND
41660	C	QUETTA AIRPORT	PAKISTAN	85043	C	RIBERALTA	BOLIVIA
80144	C	QUIBDO/ELCARANO	COLOMBIA	94340	C	RICHMOND	AUSTRALIA
72797	C	QUILLAYUTE, WA.	USA	95753	C	RICHMOND AMO AWS	AUSTRALIA
82586	C	QUIXERAMOBIM	BRAZIL	72401	C	RICHMOND/BYRD, VA.	USA
60135	C	RABAT-SALE	MOROCCO	91948	C	RIKITEA	FRENCH POLY.
40362	C	RAFHA	SAUDI ARABIA	44203	C	RINCHINLHUMBE	MONGOLIA
72306	C	RALEIGH/RALEIGH-DURHAM MNC.	USA	82915	C	RIO BRANCO	BRAZIL
93994	C	RAOUL ISLAND KERMADECIS.	N ZEALAND	87736	C	RIO COLORADO	ARGENTINA

STATION LIST RECENT DATA

87453	C	RIO CUARTO AERO	ARGENTINA	61277	C	SAN	MALI
87925	C	RIO GALLEGOS AERO	ARGENTINA	80001	CT	SAN ANDRES (ISLA)/SESQUICENT	COLOMBIA
80112	C	RIONEGRO/J.M.CORDOVA	COLOMBIA	72263	C	SAN ANGELO/MATHIS,TX.	USA
40438	C	RIYADH	SAUDI ARABIA	80447	C	SAN ANTONIO DEL TACHIRA	VENEZUELA
72411	C	ROANOKE/MUN.,VA.	USA	87784	C	SAN ANTONIO OESTE AERO	ARGENTINA
85268	C	ROBORE	BOLIVIA	72253	C	SAN ANTONIO/INT.,TX.	USA
86565	C	ROCHA	URUGUAY	72290	C	SAN DIEGO/LINDBERGH,CA.	USA
72644	C	ROCHESTER/MUN.,MN.	USA	80450	C	SAN FERNANDODE APURE	VENEZUELA
72529	C	ROCHESTER/R-MONROECTY., NY.	USA	72494	C	SAN FRANCISCO/INTL,CA.	USA
94374	CT	ROCKHAMPTON AERO	AUSTRALIA	85207	C	SAN IGNACIO DE VELASCO	BOLIVIA
61988	C	RODRIGUES	MAURITIUS	85104	C	SAN JOAQUIN	BOLIVIA
06190	C	ROENNE	DENMARK & FAROE IS.	85247	C	SAN JOSE DE CHIQUITOS	BOLIVIA
87480	C	ROSARIO AERO	ARGENTINA	87311	C	SAN JUAN AERO	ARGENTINA
03957	C	ROSSLARE	IRELAND	80431	C	SAN JUAN DE LOS MORROS	VENEZUELA
10170	C	ROSTOCK-WARNEMUENDE	GERMANY	78526	C	SAN JUAN/INTL, PUERTO RICO	PUERTO RICO AND US
34731	CT	ROSTOV-NA-DONU	RUSSIAN FEDERATION	87909	C	SAN JULIAN AERO	ARGENTINA
08449	C	ROTA	SPAIN	87436	C	SAN LUIS AERO	ARGENTINA
93247	C	ROTORUA AERODROME	N ZEALAND	76539	C	SAN LUIS POTOSI	MEXICO
91650	C	ROTUMA	FIJI	87509	C	SAN RAFAEL AERO	ARGENTINA
07037	C	ROUEN	FRANCE	08029	C	SAN SEBASTIAN/FUENTERRABIA	SPAIN
10058	C	RRESERVED	GERMANY	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	CT	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	CT	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	64750	C	SARH	CHAD

STATION LIST RECENT DATA

72734	C	SAULT STE. MARIE, MI.	USA	48698	CT	SINGAPORE/CHANGIAIRPORT	SINGAPORE
72207	C	SAVANNAH/MUNICIPAL,GA.	USA	72557	C	SIOUX CITY/MUN.,IA.	USA
65335	C	SAVE	BENIN	72651	C	SIOUX FALLS/FOSS FIELD, SD.	USA
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	SOFIA (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	SOMBRETE,ZAC	MEXICO
71811	CT	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
63985	T	SEYCHELLESINT. AIRPORT	SEYCHELLES	76499	C	SOTO LA MARINA, TAMPS.	MEXICO
58362	CT	SHANGHAI	CHINA	16746	C	SOUDA (AIRPORT)	GREECE
03962	C	SHANNON AIRPORT	IRELAND	60423	C	SOUK AHRAS	ALGERIA
59316	C	SHANTOU	CHINA	72535	C	SOUTH BEND/ST.JOSEPHCO.,IN.	USA
41136	C	SHARURAH	SAUDI ARABIA	72785	C	SPOKANE/INT.,WA.	USA
03414	C	SHAWBURY	U KINGDOM	68512	C	SPRINGBOK	SOUTH AFRICA
70414	T	SHEMYA AFB	USA	72439	C	SPRINGFIELD/CAPITAL,IL.	USA
54342	C	SHENYANG	CHINA	42027	CT	SRINAGAR	INDIA
33317	C	SHEPETIVKA	UKRAINE	61986	C	ST. BRANDON(ST. RAPHAEL)	MAURITIUS
72666	C	SHERIDAN/COUNTY,WY.	USA	61901	CT	ST. HELENA IS.	OCEAN ISLANDS
47898	C	SHIMIZU	JAPAN	72434	C	ST. LOUIS/LAMBERT,ST., MO.	USA
47778	CT	SHIONOMISAKI	JAPAN	70308	C	ST. PAUL	USA
40848	CT	SHIRAZ	IRAN, ISLAMIC REP	26063	CT	ST. PETERBURG	RUSSIAN FEDERATION
72248	C	SHREVEPORT/REG.,LA.	USA	11028	C	ST. POELTEN	AUSTRIA
41600	C	SIALKOT	PAKISTAN	71801	T	ST.JOHN'S UA,NLFD	CANADA
26524	C	SIAULIAI	LITHUANIA	83997	C	ST.VITORIADO PALMAR	BRAZIL
64405	C	SIBITI	CONGO	04312	C	STATION NORD AWS	GREENLAND
15260	C	SIBIU	ROMANIA	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

STATION LIST RECENT DATA

10738	C	STUTTGART-ECHTERDINGEN	GERMANY	60101	C	TANGER(AERODROME)	MOROCCO
10739	T	STUTTGART/SCHNARRENBERG	GERMANY	96249	C	TANJUNGPANDAN/BULUHTUMBANG	INDONESIA
85283	C	SUCRE	BOLIVIA	76903	C	TAPACHULA,CHIS.	MEXICO
15360	C	SULINA	ROMANIA	84455	C	TARAPOTO	PERU
02365	T	SUNDSVALL-HARNOSANDFPL	SWEDEN	94784	C	TAREE RADIO STN 2RE	AUSTRALIA
24738	C	SUNTAR	RUSSIAN FEDERATION	44230	C	TARIALAN	MONGOLIA
41268	C	SUR	OMAN	23552	C	TARKO-SALE	RUSSIAN FEDERATION
98653	C	SURIGAO	PHILIPPINES	26242	C	TARTU	ESTONIA
47421	C	SUTTSU	JAPAN	38457	C	TASHKENT	UZBEKISTAN
01008	C	SVALBARDLUFTHAVN	NORWAY	04360	CT	TASIILAQ (AMASSALIK)	GREENLAND
71870	C	SWIFT CURRENT,SASK.	CANADA	47646	T	TATENO	JAPAN
94767	C	SYDNEY AIRPORT	AUSTRALIA	96481	CT	TAWAU	MALAYSIA
23804	CT	SYKTYVKAR	RUSSIAN FEDERATION	60475	C	TEBESSA	ALGERIA
89532	CT	SYOWA	JAPAN N	78720	C	TEGUCIGALPA	HONDURAS
72519	C	SYRACUSE/HANCOCK,NY.	USA	40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
12205	C	SZCZECIN	POLAND	85743	C	TEMUCO	CHILE
12982	CT	SZEGED	HUNGARY	60025	C	TENERIFE SUR	SPAIN
63832	C	TABORA AIRPORT	U REP TANZANIA	60015	C	TENERIFE/LOSRODEOS	SPAIN
40706	C	TABRIZ	IRAN, ISLAMIC REP	60410	C	TENES	ALGERIA
40375	CT	TABUK	SAUDI ARABIA	56739	C	TENGCHONG	CHINA
98550	C	TACLOBAN	PHILIPPINES	94238	C	TENNANTCREEK MET OFFICE	AUSTRALIA
84782	C	TACNA	PERU	83492	C	TEOFILO OTONI	BRAZIL
47133	C	TAEJON	REP KOREA	76556	C	TEPIC,NAY	MEXICO
98644	C	TAGBILARAN	PHILIPPINES	82578	C	TERESINA	BRAZIL
83235	C	TAGUATINGA	BRAZIL	16232	C	TERMOLI	ITALY
91938	CT	TAHITI-FAAA	FRENCH POLY.	97430	C	TERNATE/BABULLAH	INDONESIA
61043	C	TAHOUA	NIGER	08235	C	TERUEL	SPAIN
41036	C	TAIF	SAUDI ARABIA	61202	C	TESSALIT	MALI
45011	C	TAIPA	MACAU	60318	C	TETUAN/SANIARAMEL	MOROCCO
53772	C	TAIYUAN	CHINA	94570	C	TEWANTINRSL PARK	AUSTRALIA
47891	C	TAKAMATSU	JAPAN	94492	C	THARGOMINDAH	AUSTRALIA
91943	C	TAKAROA	FRENCH POLY.	71867	CT	THE PAS, MAN.	CANADA
65467	C	TAKORADI	GHANA	16622	C	THESSALONIKI/MIKRA	GREECE
72214	C	TALLAHASSEE/MUN.,FL.	USA	43371	CT	THIRUVANANTHAPURAM	INDIA
26038	C	TALLINN	ESTONIA	71079	C	THOMPSON WEATHER OFFICE-MAN.	CANADA
65418	C	TAMALE	GHANA	06011	CT	THORSHAVN	DENMARK & FAROE IS.
60680	CT	TAMANRASSET	ALGERIA	41314	C	THUMRAIT	OMAN
67095	C	TAMATAVE	MADAGASCAR	60511	C	TIARET	ALGERIA
61687	C	TAMBACOUNDA	SENEGAL	94485	C	TIBOOBURRAPOST OFFICE	AUSTRALIA
38413	C	TAMDY	UZBEKISTAN	61036	C	TILLABERY	NIGER
72211	C	TAMPA/INT.,FL.	USA	81002	C	TIMEHRI CHEDDI JAGAN INTERNA	GUYANA
76548	C	TAMPICO, TAMPS	MEXICO	60607	C	TIMIMOUN	ALGERIA
87645	C	TANDIL AERO	ARGENTINA	15247	C	TIMISOARA	ROMANIA
47837	C	TANEGASHIMA	JAPAN	02366	C	TIMRA/MIDLANDA	SWEDEN

STATION LIST RECENT DATA

94131	C	TINDALAWS	AUSTRALIA	60715	CT	TUNIS-CARTHAGE	TUNISIA
60656	C	TINDOUF	ALGERIA	24507	CT	TURA	RUSSIAN FEDERATION
03100	C	TIREE	U KINGDOM	40356	C	TURAIIF	SAUDI ARABIA
60395	C	TIZI-OUZOU	ALGERIA	38507	C	TURKMENBASHI	TURKMENISTAN
76683	C	TLAXCALA,TLAX	MEXICO	02972	C	TURKU	FINLAND
60531	C	TLEMCEN(ZENATA)	ALGERIA	23472	CT	TURUHANSK	RUSSIAN FEDERATION
28275	C	TOBOL'SK	RUSSIAN FEDERATION	76843	C	TUXTLA GUTIERREZ	MEXICO
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	97180	C	UJUNG PANDANG/HASANUDDIN	INDONESIA
08238	C	TORTOSA	SPAIN	44292	C	ULAAN-BAATOR	MONGOLIA
44225	C	TOSONTSENGEL	MONGOLIA	44212	C	ULAAN-GOM	MONGOLIA
47746	C	TOTTORI	JAPAN	44272	C	ULIASTAI	MONGOLIA
60555	C	TOUGGOURT	ALGERIA	47115	C	ULLNGDO	REP KOREA
07630	C	TOULOUSE/BLAGNAC	FRANCE	44304	C	UNDERKHAAN	MONGOLIA
94294	CT	TOWNSVILLEAERO	AUSTRALIA	76225	C	UNIV. DE CHIHUAHUA,CHIHUAHU	MEXICO
16429	CT	TRAPANI/BIRGI	ITALY	94517	C	UNKNOWN	AUSTRALIA
86500	C	TREINTA Y TRES	URUGUAY	95322	C	UNKNOWN	AUSTRALIA
87828	C	TRELEW AERO	ARGENTINA	95964	C	UNKNOWN	AUSTRALIA
87688	C	TRES ARROYOS	ARGENTINA	94476	C	UNKNOWN	AUSTRALIA
83618	C	TRES LAGOAS	BRAZIL	34730	C	UNKNOWN	RUSSIAN FEDERATION
16099	C	TREVISO/S. ANGELO	ITALY	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, CAROLINEIS.	USA	80472	C	VALENCIA	VENEZUELA
44282	C	TSETSERLEG	MONGOLIA	08285	C	VALENCIA	SPAIN
44347	C	TSOGT-OVOO	MONGOLIA	08284	C	VALENCIA/AEROPUERTO	SPAIN
91954	C	TUBUAI	FRENCH POLY.	03953	CT	VALENTIAOBSERVATORY	IRELAND
72274	C	TUCSON/INT.,AZ.	USA	80426	C	VALERA	VENEZUELA
87121	C	TUCUMAN 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

STATION LIST RECENT DATA

15552	C	VARNA	BULGARIA	10688	C	WEIDEN	GERMANY
33038	C	VASILEVICI	BELARUS	40400	C	WEJH	SAUDI ARABIA
26477	C	VELIKIE LUKI	RUSSIAN FEDERATION	72203	C	WEST PALM BEACH/INT.,FL.	USA
26314	C	VENTSPILS	LATVIA	10055	CT	WESTERMARKELSDORF	GERMANY
83264	C	VERA (GLEBA CELESTE)	BRAZIL	71964	CT	WHITEHORSE,UA, Y.T.	CANADA
42909	C	VERAVAL	INDIA	72351	C	WICHITA FALLS/SHEPS AFB TX	USA
24266	CT	VERHOJANSK	RUSSIAN FEDERATION	61902	C	WIDE AWAKE FIELD (ASCENSION)	OCEAN ISLANDS
89063	C	VERNADSKY	UKRAINE	11035	CT	WIEN/HOHEWARTE	AUSTRIA
15280	C	VF. OMU	ROMANIA	72513	C	WILKES-BARRE-SCRANTON PA.	USA
72255	C	VICTORIA/VICTORIAREG., TX.	USA	94776	CT	WILLIAMTOWN AERODROME	AUSTRALIA
15502	C	VIDIN	BULGARIA	94299	CT	WILLIS ISLAND	AUSTRALIA
87791	C	VIDMA AERO	ARGENTINA	72767	C	WILLISTON/SLOULINFIELD, ND.	USA
08045	C	VIGO/PEINADOR	SPAIN	72583	C	WINNEMUCCA/MUN.,NV.	USA
83208	T	VILHENA (AEROPORTO)	BRAZIL	12497	C	WLODAWA	POLAND
24641	C	VILJUJSK	RUSSIAN FEDERATION	12425	T	WROCLAW I	POLAND
60096	C	VILLA CISNEROS	WESTERN SAHARA	12424	C	WROCLAW II	POLAND
87244	C	VILLA DE MARIA DEL RIO SECO	ARGENTINA	57036	C	XI'AN	CHINA
87328	C	VILLA DOLORES AERO	ARGENTINA	56571	C	XICHANG	CHINA
87448	C	VILLA REYNOLDS AERO	ARGENTINA	85365	C	YACUIBA	BOLIVIA
11212	C	VILLACHERALPE	AUSTRIA	72781	C	YAKIMA/YAKIMAAIR TERM.,WA.	USA
76743	C	VILLAHERMOSA,TAB	MEXICO	70361	CT	YAKUTAT	USA
80234	C	VILLAVICENCIO/VANGUARDIA	COLOMBIA	94589	C	YAMBA	AUSTRALIA
26730	C	VILNIUS	LITHUANIA	54292	C	YANJI	CHINA
02590	C	VISBY FLYGPLATS	SWEDEN	91413	C	YAP, CAROLINE IS.	USA
43149	C	VISHAKHAPATNAM	INDIA	71603	CT	YARMOUTH,N.S.	CANADA
30054	C	VITIM	RUSSIAN FEDERATION	40821	C	YAZD	IRAN, ISLAMIC REP
83648	C	VITORIA	BRAZIL	40439	C	YENBO	SAUDI ARABIA
08080	C	VITORIA	SPAIN	57461	C	YICHANG	CHINA
83344	C	VITORIA DA CONQUISTA	BRAZIL	53614	C	YINCHUAN	CHINA
31960	C	VLADIVOSTOK	RUSSIAN FEDERATION	51431	C	YINING	CHINA
27037	CT	VOLOGDA	RUSSIAN FEDERATION	47744	T	YONAGO	JAPAN
89606	C	VOSTOK	USSR N	47168	C	YOSU	REP KOREA
22837	C	VYTEGRA	RUSSIAN FEDERATION	72525	C	YOUNGSTOWN,OH.	USA
72256	C	WACO,MADISON-COOPER,TX.	USA	84425	C	YURIMAGUAS	PERU
62751	C	WAD MEDANI	SUDAN	56029	C	YUSHU	CHINA
03377	C	WADDINGTON	U KINGDOM	40856	C	ZAHEDAN	IRAN, ISLAMIC REP
41061	C	WADI AL DAWASSER AIRPORT	SAUDI ARABIA	98836	C	ZAMBOANGA	PHILIPPINES
62600	C	WADI HALFA	SUDAN	08130	C	ZAMORA	SPAIN
94910	CT	WAGGA AIRPORT	AUSTRALIA	76662	C	ZAMORA, MICH	MEXICO
47600	CT	WAJIMA	JAPAN	44358	C	ZAMYN-UUD	MONGOLIA
47401	CT	WAKKANAI	JAPAN	81225	C	ZANDERIJ	SURINAME
12375	C	WARSZAWA-OKECIE	POLAND	40729	C	ZANJAN	IRAN, ISLAMIC REP
72405	C	WASHINGTON/NAT.,VA.	USA	08160	C	ZARAGOZA/AEROPUERTO	SPAIN
03590	C	WATTISHAM	U KINGDOM	57083	C	ZHENGZHOU	CHINA

STATION LIST RECENT DATA

57745	C	ZHIJIANG	CHINA
41620	C	ZHOB	PAKISTAN
61695	C	ZIGUINCHOR	SENEGAL
61090	C	ZINDER	NIGER
17022	C	ZONGULDAK	TURKEY
61404	C	ZOUERATE	MAURITANIA
10961	C	ZUGSPITZE	GERMANY
06660	C	ZURICH (TOWN/VILLE).	SWITZERLAND
25400	C	ZYRJANKA	RUSSIAN FEDERATION

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Hourly Precipitation Data

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

Climatological Data

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

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

Storm Data

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

Monthly Climatic Data for the World

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

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LCD publications summarize temperature, relative humidity, precipitation, cloudiness, wind speed and direction observations for several hundred cities in the U.S. and its territories. Each monthly publication also contains the 3 hourly weather observations for that month and an hourly summary of precipitation. Annual **LCD** publications contain a summary of the past calendar year as well as historical averages and extremes.

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