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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 black ink, appearing to read "Thomas R. Karl".

**Director
National Climatic Data Center**

noaa

**National
Oceanic and
Atmospheric Administration**

**National
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 = °, 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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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.
EUROPE																
NORWAY																
01001 JAN MAYEN	7056N	00840W	10		1011.4	1012.6	-1.6	2.3	4.8	.7	9	29	-11	2		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1010.9	1014.5	-15.9	-3.5	1.5	-5	4	7	-3	2		
01025 TROMSO/LANGNES	6941N	01855E	10		1013.1	1014.2	.8	.1	5.0	.2	14	69	8	4		
01026 TROMSO	6939N	01856E	115		999.7	1014.1	.6		4.9		15	77		4	145	
01028 BJORNOYA	7431N	01901E	16		1011.2	1013.3	-6.3	-9	3.4	-5	9	32	11	5		
01098 VARDØ	7022N	03106E	15		1010.2	1012.0	-6	.5	4.8	-1	12	46	13	5		
01152 BODØ VI	6716N	01422E	13		1013.0	1014.6	3.9	1.4	5.9	.5	13	105	53	6	142	
01212 ONA II	6252N	00632E	15		1014.0	1015.6	7.2		8.2		12	38		2		
01238 FOKSTUA II	6207N	00917E	974		902.1	1016.0	2.4		4.9		6	13		3		
01241 ORLAND III	6342N	00936E	7		1014.5	1015.6	7.5	3.4	7.5	1.1	7	27	-33	1		
01317 BERGEN/FLORIDA	6023N	00520E	36		1014.1	1015.6	9.5	3.6	7.9	1.3	8	78	-36	2		
01384 OSLO/GARDERMOEN	6012N	01105E	204		992.7	1017.5	6.4	3.6	7.1	1.9	5	41	-7	3		
01403 UTSIRA FYR	5918N	00453E	56		1009.1	1016.0	7.1		8.9		7	28		1		
01415 STAVANGER/SOLA	5853N	00538E	9		1015.2	1016.3	9.1	3.6	8.8	1.9	5	32	-18	2		
01465 TORUNGEN FYR	5824N	00848E	15		1016.3	1017.7	7.3		8.5		2	15		1		
SWEDEN																
02080 KARESUANDO	6827N	02227E	331		973.8	1014.9	-2.0	1.7	4.0	.0	2	10	-13	1	205	
02120 KVIKKJOKK-ARRENJARKA	6653N	01801E	320		977.0	1015.9	-2		4.4		5	31		4		
02128 GUNNARN	6500N	01742E	283		982.5	1017.4	1.4	1.4	5.0	.5	7	35	4	4		
02196 HAPARANDA	6550N	02409E	6		1015.8	1016.6	-1	.4	4.6	-2	4	21	-8	2	214	
02226 OSTERSUND FROSON	6312N	01430E	376		971.0	1016.6	4.6	3.6	5.9	1.0	4	14	-14	2	189	
02366 TIMRA/MIDLANDA	6231N	01727E	8		1016.9	1017.5	3.6	1.5	6.0	.7	4	13	-18	1		
02410 MALUNG	6041N	01342E	308		980.5	1018.2	5.5		6.4		3	20		2		
02485 STOCKHOLM	5921N	01804E	52		1011.9	1018.4	8.5	3.9	7.1	1.1	3	5	-25	0	281	152
02550 JONKOPING/AXAMO	5745N	01405E	224		990.8	1018.3	8.1	4.4	6.9	1.0	3	9	-28	1		
02590 VISBY	5740N	01821E	51		1013.0	1019.2	6.7	2.7	6.9	.3	2	8	-21	1	334	172
FINLAND																
02801 KILPISJARVI	6903N	02047E	478		955.9	1015.4	-3.1		3.9		7	29		5		
02805 KEVO	6945N	02702E	107		1000.4	1013.8	-2.0		4.1		6	17		3	218	
02836 SODANKYLA	6722N	02639E	179		993.1	1015.7	-1.6	.5	3.9		3	9	-15	1	237	
02869 KUUSAMO	6558N	02911E	263		983.1	1016.3	-2.5	-3	3.7							
02875 OULU	6456N	02522E	15		1014.6	1016.5	.6	.1	4.6						245	
02897 KAJAANI	6417N	02741E	143		1000.1	1017.0	.2	.2	4.4							
02929 JOENSUU	6240N	02938E	119		1002.1	1017.1	1.0	.3	4.5							
02935 JYVASKYLA	6224N	02541E	145		999.8	1017.6	2.6	1.3	5.3		6	24	-13	2	174	
02942 NIINISALO	6151N	02228E	136		1002.1	1017.9	3.8	1.9	5.8		3	12	-26	1		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
02963 JOKIOINEN	6049N	02330E	104		1005.1	1018.1	4.3	1.9	5.6		4	11	-21	1	224	129
02972 TURKU	6031N	02216E	59		1010.9	1018.3	4.6	1.6	5.9							
02974 HELSINKI-VANTAA	6019N	02458E	56		1011.4	1018.6	4.5	1.6	5.6		3	9	-28	1	225	124
UNITED KINGDOM																
03005 LERWICK	6008N	00111W	84		1002.6	1012.7	7.7	2.5	9.3		8	45	-27	2	120	91
03026 STORNOWAY AIRPORT	5813N	00619W	15		1009.8	1011.6	8.5	2.1	9.4		17	71	6	4	151	98
03066 KINLOSS	5739N	00334W	7		1010.8	1011.5	9.2	2.4	8.6		7	26	-10	3	142	104
03091 DYCE	5712N	00213W	69		1004.5	1012.5	8.3	2.0	8.8		5	26	-27	1	106	73
03100 TIREE	5630N	00653W	12		1008.5	1010.3	9.1	1.9	9.9		16	111	52	5	182	107
03162 ESKDALEMUIR	5519N	00312W	242		983.5	1013.0	7.8	2.1	8.7		13	81	-2	3	116	88
03257 LEEMING	5418N	00132W	40		1009.0	1013.7	8.9	1.5	8.9		7	55	10	4	149	115
03302 VALLEY	5315N	00432W	11		1010.5	1011.8	9.6	1.4	10.0		12	52	-1	3	188	106
03377 WADDINGTON	5310N	00031W	70		1004.8	1013.7	10.0	2.5	9.2		4	20	-27	2	157	110
03502 ABERPORTH	5208N	00434W	134		995.8	1012.0	9.0	1.4	9.4		12	60	8	3	179	108
03740 LYNEHAM	5130N	00159W	147		995.7	1013.4	9.7	2.0	9.3		10	46	1	3	168	110
03797 MANSTON	5121N	00120E	54		1007.4	1013.4	10.5	2.4	10.5		6	28	-14	2	153	95
03808 CAMBORNE	5013N	00519W	88		1001.5	1012.2	9.3		10.1		16	144		5	180	100
03862 HURN	5047N	00150W	11		1011.9	1013.3	9.7	1.6	9.9		9	50	2	3	175	102
03917 ALDERGROVE	5439N	00613W	81		1002.1	1009.9	9.4	1.9	9.7		14	70	17	4	125	81
IRELAND																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1006.7	1010.3	10.0	1.0	9.8	.5	23	163	86	6	138	90
03955 CORK AIRPORT	5151N	00829W	162		991.1	1010.8	8.4	.8	9.7	1.0	16	155	85	5	145	90
03962 SHANNON AIRPORT	5242N	00855W	20		1007.9	1010.2	9.9	1.2	9.8	.9	15	87	31	5	147	100
03967 CASEMENT AERODROME	5318N	00626W	97		999.4	1010.8	8.8		9.4		14	74			166	110
03969 DUBLIN AIRPORT	5326N	00615W	85		1000.5	1010.8	8.3	.5	9.4	1.0	15	71	20	5	166	105
03973 CONNAUGHT AIRPORT	5354N	00849W	209		984.6	1010.0	8.1		8.9		18	118			135	
03976 BELMULLET	5414N	01000W	10		1008.0	1009.2	9.9	1.5	10.2	1.2	18	105	48	6	175	110
03980 MALIN HEAD	5522N	00720W	25		1006.9	1010.0	9.3	1.6	9.6	1.1	14	95	38	5	158	105
ICELAND																
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54		996.0	1003.0	4.7		6.8		18	115		5		
04030 REYKJAVIK	6408N	02156W	61		995.0	1003.2	5.0	2.1	6.7	.6	14	100	42	5	139	
04063 AKUREYRI	6541N	01805W	27		1003.0	1006.5	3.5	1.9	5.8	.2	8	27	-2	3	82	
04082 AKURNES	6418N	01513W	21		1004.0	1005.9	5.7		7.6		19	170		5		
GREENLAND																
04250 NUUK (GODTHAAB)	6410N	05145W	84			1006.1	-2.9	1.0	3.9							
04312 STATION NORD AWS	8136N	01641W	36			1020.4	-24.3	-1.3	.5							
04320 DANMARKSHAVN	7646N	01840W	12			1021.3	-20.1	-2.8	.6							
04339 ITTOQQORTOORMIT (SCORESBYSU)	7029N	02157W	69			1017.8	-11.9		1.6							
04360 TASHILAQ (AMMASSALIK)	6536N	03738W	52			1008.6	-2.0	2.1	4.1		13	131	54			

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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.	
DENMARK AND FAROE ISLANDS																	
06011 TORSHAVN	6201N	00646W	61			1010.0	7.3	2.4		8.4		13	111	18			
06030 AALBORG	5706N	00951E	13			1017.4	9.7	4.1		8.8		2	20				
06186 KOEBENHAVN/LANDBOHOEJSKOLEN	5541N	01233E	7			1018.0	10.5			7.6		3	11				
06190 ROENNE	5504N	01445E	17			1018.6	8.4	3.0		7.5							
NETHERLANDS																	
06235 DE KOOY	5256N	00447E	2			1014.5	1014.6	10.7	3.4	10.6	2.2	5	16	-26	1	245	148
06260 DE BILT	5206N	00511E	4			1013.8	1014.1	12.2	4.2	10.4	2.0	6	20	-32	1	227	149
06280 EELDE/GRONINGEN AP EELDE	5307N	00635E	4			1014.2	1014.7	11.7	4.5	10.4	2.1	3	16	-32	2	234	155
06310 VLISSINGEN	5127N	00336E	10			1012.8	1013.8	11.3	3.3	10.6	2.0	8	28	-18	2	229	145
LUXEMBOURG																	
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	376			969.2	1013.6	12.3		9.5		5	47	-14	3	214	130
SWITZERLAND & LIECHTENSTEIN																	
06610 PAYERNE	4649N	00657E	491			955.9	1013.6	11.0		9.0		4	22			203	130
06660 ZUERICH-METEOSCHWEIZ	4723N	00834E	569			948.2	1013.1	12.0	4.0	8.2	.6	4	20	-69	0	196	141
06680 SAENTIS	4715N	00921E	2502			748.6	3027 Z	-1.2	3.3	4.3	.8	5	24	-225	0	203	144
06700 GENEVE-COINTRIN	4615N	00608E	420			964.5	1013.3	12.4	3.6	8.9	1.2	6	36	-25	2	233	145
06717 GRAND ST. BERNARD	4552N	00710E	2479			749.1	3024 Z	-2.0		4.6		16	131			102	70
06770 LUGANO	4600N	00858E	276			978.7	1014.3	12.6	1.6	10.3	1.8	12	257	100	5	159	91
FRANCE																	
07005 ABBEVILLE	5008N	00150E	77			1004.5	1013.8	11.0		10.3		7	28			167	100
07015 LILLE	5034N	00306E	52			1008.0	1013.7	11.9		10.5		8	46			180	110
07020 LA HAGUE	4943N	00156W	12			1012.6	1013.4	10.3		10.8		7	36				
07027 CAEN	4911N	00027W	67			1005.5	1013.6	10.3	1.8	10.4		11	54	9	2	164	96
07037 ROUEN	4923N	00111E	156			995.5	1013.8	10.9		10.2		10	73			142	80
07070 REIMS	4918N	00402E	91			1002.8	1013.7	12.0		10.7		11	63			167	95
07110 BREST	4827N	00425W	99			1001.8	1013.3	9.6	.8	10.3		16	127	55	5	169	97
07117 PLOUMANAC'H PERROS GUIREC	4850N	00328W	58			1006.3	1013.3	10.2		10.4		13	82				
07130 RENNES	4804N	00144W	43			1008.5	1013.7	10.5		10.2		14	69		5	153	85
07139 ALENCON	4826N	00006E	144			996.3	1013.6	10.4		10.1		10	56			153	90
07149 PARIS-ORLY	4843N	00223E	90			1002.8	1013.6	12.4		10.1		8	44			168	
07168 TROYES	4820N	00401E	118			999.7	1013.8	11.8		10.5		9	70			198	
07181 NANCY-OCHEY	4835N	00558E	351			973.2	1013.7	11.7		9.9		7	34				
07190 STRASBOURG-ENTZHEIM	4833N	00738E	153			995.2	1013.5	13.4	4.0	9.8		6	28	-20	2	191	119
07207 POINTE DU TALUT	4718N	00310W	43			1009.1	1014.3	10.8		11.2		13	54				
07222 NANTES	4709N	00136W	27			1010.8	1013.9	10.8	.5	10.6		14	104	55	5	170	91
07240 TOURS	4727N	00044E	112			1000.2	1013.7	11.6		10.1		8	52			172	95
07255 BOURGES	4704N	00222E	166			994.1	1013.9	11.8	2.1	10.1		9	69	18	2	175	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.
07280 DIJON	4716N	00505E	227		986.7	1013.7	12.1	2.4	10.2		12	71	19	2	208	118
07299 BALE-MULHOUSE	4736N	00731E	271		981.1	1013.4	12.6		9.6		3	12		1	202	120
07314 CHASSIRON	4603N	00125W	22		1011.8	1014.6	11.7		11.5		11	69				
07335 POITIERS	4635N	00018E	120		999.7	1014.6	11.2		10.1		9	50			149	80
07434 LIMOGES	4552N	00111E	402		966.4	1014.1	10.3		9.6		13	121			149	80
07460 CLERMONT-FERRAND	4547N	00310E	330		975.1	1014.2	11.6		9.5		8	105		5	159	95
07471 LE PUY	4505N	00346E	833		917.6	1462 Y	8.5		8.2		11	58			132	
07481 LYON-SATOLAS	4544N	00505E	248		984.9	1013.3	13.4		9.8		5	34				
07510 BORDEAUX MERIGNAC	4450N	00041W	61		1008.2	1014.7	11.9		10.4		12	116	44	5	160	80
07535 GOURDON	4445N	00124E	261		983.2	1014.2	11.2		10.0		15	174		5	143	80
07560 MONT AIGOUAL	4407N	00335E	1567		838.9	1457 Y	3.1		6.7		13	268				
07577 MONTELMAR	4435N	00444E	74		1004.3	1013.2	14.1		10.4		10	75			203	90
07591 EMBRUN	4434N	00630E	876		912.2	1461 Y	10.3		7.0		8	62			169	80
07607 MONT-DE-MARSAN	4355N	00030W	60		1008.0	1015.1	11.6		10.6		14	130		5	140	80
07621 TARBES-OSSUN	4311N	00000W	364		972.2	1015.4	10.1		9.2		14	195		5	145	90
07627 SAINT GIRONS	4300N	00106E	412		966.2	1014.9	10.0		9.3		17	227		6	103	65
07630 TOULOUSE BLAGNAC	4338N	00122E	154		995.7	1014.7	11.6		10.3		16	141	77	5	132	70
07643 MONPELLIER	4365N	00358E	8		1012.4	1013.4	14.2		11.5		11	164		6	183	80
07650 MARIGNANE	4327N	00514E	32		1008.9	1012.7	14.5		11.5		11	98	51	5	208	85
07661 CAP CEPET	4305N	00556E	136		996.6	1012.4	14.2		11.9		9	100				
07690 NICE	4339N	00712E	27		1009.6	1013.0	14.8		11.7		9	151	89	5	205	90
07747 PERPIGNAN	4244N	00252E	47		1008.0	1013.6	13.5		10.6		13	137	82	5	182	85
07761 AJACCIO	4155N	00848E	9		1011.6	1012.7	14.2		12.0		5	56	4	2	204	90
07790 BASTIA	4233N	00929E	12		1011.3	1012.8	14.3		12.5		10	88		5	180	80
SPAIN																
08001 LA CORUNA	4322N	00825W	67		1007.9	1016.0	12.4	.3	10.7	-2	15	74	-9	3	200	120
08015 OVIEDO	4321N	00552W	339		975.1	1015.3	10.6	.2	9.6	.0	17	94	-18	3	168	116
08023 SANTANDER	4329N	00348W	59		1009.1	1016.2	11.9	.0	11.0	.5	13	81	-39	2	185	126
08025 BILBAO/SONDICA	4318N	00254W	42		1011.5	1016.2	12.4		10.1		13	98		2	122	100
08027 SAN SEBASTIAN/IGUELDO	4318N	00202W	259		984.6	1015.5	10.8	.2	10.7	.5	16	204	46	4	122	98
08045 VIGO/PEINADOR	4214N	00838W	256		986.2	1017.1	10.4	-1.2	9.8	-8	14	108	-46	2	194	111
08048 ORENSE	4220N	00752W	147		998.0	1015.6	12.4		9.9		9	48		2	150	85
08053 PONFERRADA	4234N	00636W	550		951.2	1015.5	10.9		7.8		7	20		1	210	115
08055 LEON/VIRGEN DEL CAMINO	4235N	00539W	916		909.5	1014.2	8.5		6.7		6	26		2	255	115
08075 BURGOS/VILLAFRIA	4221N	00338W	890		912.0	1472 Y	8.2	.5	7.3	-5	9	41	-23	2	208	125
08084 LOGRONO/AGONCILLO	4227N	00220W	363		972.1	1014.8	11.8	.3	8.5	-1	8	37	-6	4	195	106
08085 PAMPLONA/NOAIN	4246N	00138W	459		961.7	1015.0	10.7		8.6		8	78		3	164	100
08130 ZAMORA	4131N	00544W	667		938.0	1015.2	11.1		7.2		6	29		2		
08141 VALLADOLID	4139N	00446W	735		929.1	1013.8	10.2	.3	7.3	-4	6	20	-23	1	257	119
08148 SORIA	4146N	00228W	1082		890.3	1013.0	8.0		6.3		7	46		3		
08160 ZARAGOZA/AEROPUERTO	4140N	00100W	263		983.2	1013.6	13.4	.6	8.8	-3	4	46	14	4	247	114
08171 LERIDA	4138N	00036E	199		990.1	1013.7	13.1		10.3		7	105		6	228	95
08175 REUS/AEROPUERTO	4109N	00110E	76		1003.9	1013.0	12.5		9.6		7	80		5	205	90
08181 BARCELONA/AEROPUERTO	4117N	00204E	6		1012.4	1013.0	13.9	1.0	10.6	-6	8	47	-3	3		
08202 SALAMANCA/MATACAN	4057N	00530W	794		923.6	1014.9	9.6	.0	6.7	-1.7	9	35	-2	3	268	128

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
08215 NAVACERRADA	4047N	00401W	1894		807.8	1473 Y	2.7		5.5		14	115		2		
08221 MADRID/BARAJAS	4030N	00335W	633		946.5	1013.8	11.8	.2	7.0	-1.6	5	18	-26	1	229	108
08231 CUENCA	4004N	00208W	946		905.7	1472 Y	10.3		6.9		9	53		3		
08235 TERUEL	4021N	00107W	902		910.7		9.2		7.9		4	21				
08238 TORTOSA	4049N	00030E	50		1006.6	1012.6	15.3	.1	11.1	.6	11	79	34	5	224	103
08261 CACERES	3928N	00620W	405		969.4	1016.7	13.6	.2	8.2	-1.1	5	38	-9	3	295	140
08272 TOLEDO	3953N	00403W	516		954.2	1014.1	13.0		7.7		5	23		2	278	115
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		933.6	1014.6	11.6	.7	8.5	.2	6	29	-23	2	265	119
08284 VALENCIA/AEROPUERTO	3930N	00028W	69		1006.0	1013.4	14.0	-.7	9.1	-1.5	6	34	-7	3	255	118
08286 CASTELLON	3957N	00004W	35		1008.3	1012.5	15.4		10.2		7	43				
08301 PALMA DE MALLORCA	3933N	00237E	6		1012.1	1012.8	15.0		13.3		9	42		3	228	105
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	7		1013.1	1013.7	13.2	.7	12.4	.6	12	58	19	4	213	102
08314 MENORCA/MAHON	3952N	00414E	89		1003.0	1013.2	14.0	.7	13.6	1.9	9	99	49	5	174	84
08330 BADAJOZ/TALAVERA LA REAL	3853N	00650W	192		993.5	1016.2	14.8	.6	9.4	-1.6	5	31	-19	2	279	122
08348 CIUDAD REAL	3859N	00355W	629		943.3	1015.8	12.9	1.0	8.2	-1.3	7	34	-16	2		
08359 ALICANTE	3822N	00030W	82		1004.2	1013.9	16.1	.4	11.4	-1	7	39	6	4	255	105
08360 ALICANTE/EL ALTET	3817N	00033W	43		1010.3	1014.0	14.5		9.5		4	21			215	
08373 IBIZA/ES CODOLA	3853N	00123E	17		1011.7	1013.8	14.7	-.1	13.0	.4	7	39	3	4	221	94
08383 HUELVA	3717N	00655W	20		1015.1	1017.4	15.6		11.3		4	32		3	285	115
08391 SEVILLA/SAN PABLO	3725N	00554W	34		1012.3	1016.0	17.0		9.9		4	20		1	279	120
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1004.9	1015.7	15.5	.3	9.7	-1.6	4	26	-38	2	268	133
08417 JAEN	3747N	00348W	582		949.7	1016.9	13.3		8.3		6	34		0		
08419 GRANADA/AEROPUERTO	3711N	00347W	570		949.6	1015.8	11.3		7.8		5	46		4	237	105
08430 MURCIA	3800N	00110W	62		1007.3	1014.6	16.1		9.9		4	18		4	269	110
08433 MURCIA/SAN JAVIER	3747N	00048W	5		1014.1	1014.4	14.9	.4	10.5	-1.7	6	26	0	4		
08451 JEREZ DE LA FRONTERA AEROPUE	3645N	00604W	28		1013.6	1016.9	14.5	-.9	10.5	-1.9	7	45	-9	3	292	126
08482 MALAGA/AEROPUERTO	3640N	00429W	16		1014.8	1015.7	16.3	.6	10.5	-1.2	3	21	-18	3	281	128
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1012.2	1014.7	16.1	.0	11.8	-.5	2	9	-17	2	293	125
GIBRALTAR																
08495 GIBRALTAR	3609N	00521W	5		1015.9	1016.7	15.9				5	37		2	292	120
PORTUGAL																
08501 FLORES (ACORES)	3927N	03108W	29		1021.0	1024.8	16.4		13.5		10	72		1	176	130
08509 LAJES (ACORES)	3846N	02706W	54		1019.0	1025.5	16.1		14.2		8	40		1	166	100
08512 PONTA DELGADA/NORDELA (ACORE)	3744N	02542W	72		1017.0	1026.5	15.5		14.1		5	25		1		
08535 LISBOA/GEOF	3843N	00909W	95		1005.9	1017.3	14.5	-.6	12.2	.3	8	45	-19	2	259	110
08548 COIMBRA/CERNACHE	4009N	00828W	179		997.0	1017.6	11.8		10.4			11			219	
08558 EVORA/C. COORD	3832N	00754W	246		983.9	1013.0	13.2		14.8		7	36			264	
08570 CASTELO BRANCO	3950N	00729W	386		970.6	1016.2	12.6		8.4		7	40			264	
08575 BRAGANCA	4148N	00644W	692		935.2	1015.9	9.8	-.2	7.5	-.9	5	22	-40	1	256	122
GERMANY																
10015 HELGOLAND	5411N	00754E	8		1014.8	1015.8	9.2		9.9		3	11		1	248	140

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
10028 ST PETER-ORDING	5420N	00836E	11		1014.5	1015.8	10.7		9.9		5	22			279	165
10035 SCHLESWIG	5432N	00933E	48		1010.6	1016.5	10.3	4.1	9.0	1.4	2	8	-47	1	282	169
10055 WESTERMARKELSDORF	5432N	01104E	9		1015.8	1016.8	9.1		9.2		1	9			297	165
10091 ARKONA	5441N	01326E	42		1012.4	1017.5	7.7		8.5		1	4			319	175
10113 NORDERNEY	5343N	00709E	16		1013.3	1015.2	10.4		10.2		4	15			260	145
10129 BREMERHAVEN	5332N	00835E	11		1014.1	1015.4	12.4		10.0		4	18			259	160
10131 CUXHAVEN	5352N	00842E	12		1013.9	1015.4	11.3		9.7		5	14			266	150
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	16		1013.9	1015.8	12.3	5.0	9.1	1.3	3	27	-24	2	281	176
10162 SCHWERIN	5339N	01123E	68		1007.9	1016.1	12.0		9.1		2	8		0	308	185
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1015.3	1016.9	10.5	4.2	8.7	.9	1	5	-37	0	321	186
10184 GREIFSWALD	5406N	01324E	6		1016.4	1017.2	9.8		8.9		1	4			316	180
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1015.0	1015.2	11.1		10.3		2	9			222	130
10215 OLDENBURG	5311N	00810E	20		1013.6	1014.9	12.5		10.1		5	17			250	165
10224 BREMEN	5303N	00848E	5		1014.3	1015.0	12.8		9.8		4	21		2	276	180
10261 SEEHAUSEN	5254N	01144E	23		1013.0	1015.8	12.3		9.0		1	2			299	195
10264 MARNITZ	5319N	01156E	87		1005.3	1015.9	11.8		8.9		2	8			307	
10291 ANGERMUENDE	5302N	01400E	55		1009.7	1016.4	12.1		8.6		01	1			325	195
10305 LINGEN	5231N	00718E	26		1011.4	1014.5	13.3		10.1		5	16			237	155
10315 MUENSTER/OSNABRUECK	5208N	00742E	53		1007.9	1014.2	13.3		10.2		7	37			229	140
10321 DIEPHOLZ	5235N	00821E	43		1009.4	1014.6	12.8		10.1		5	27			241	
10338 HANNOVER	5228N	00941E	59		1007.7	1014.8	12.7	4.9	9.6	1.6	5	11	-39	1	258	161
10361 MAGDEBURG	5206N	01135E	85		1004.6	1014.8	13.1		9.4		1	12		1	266	165
10379 POTSDAM	5223N	01304E	100		1003.7	1015.6	13.2	5.2	8.6	1.1	1	2	-42	0	299	178
10382 BERLIN-TEGEL	5234N	01319E	37		1011.5	1015.9	13.8		8.3		1	2			312	195
10385 BERLIN-SCHOENEFELD	5223N	01332E	48		1009.8	1015.9	13.1		8.6		2	4			296	
10393 LINDENBERG	5213N	01407E	112		1003.3	1015.7	13.4	5.5	8.8	1.2	2	12	-29	1	301	182
10400 DUESSELDORF	5118N	00646E	45		1009.2	1014.1	13.2		10.1		5	25		1	192	120
10410 ESSEN-BREDENEY	5124N	00658E	161		996.1	1014.0	13.2	4.7	10.3	2.3	7	28	-40	1	216	147
10418 LUEDENSCHEID	5115N	00739E	392		967.8	1014.1	11.6		9.6		7	27			206	
10427 KAHLER ASTEN	5111N	00829E	859		915.1	1467 Y	9.1		8.4		6	42			207	150
10430 BAD LIPPSPRINGE	5147N	00850E	158		995.6	1014.4	12.8		9.8		6	31			209	140
10444 GOETTINGEN	5130N	00957E	175		994.5	1014.5	11.6		10.0		6	35			220	155
10453 BROCKEN	5148N	01037E	1153		883.4	1468 Y	7.2		7.4		5	30			252	195
10460 ARTERN	5123N	01118E	166		995.3	1015.2	12.1		10.2		7	55			241	160
10469 LEIPZIG-SCHKEUDITZ	5126N	01214E	141		998.6	1014.9	12.6		9.8		4	24		2	262	170
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		987.4	1015.1	13.0		9.1		3	10			286	195
10496 COTTBUS	5146N	01419E	70		1007.1	1015.5	13.0		8.6		1	5			286	170
10499 GOERLITZ	5110N	01457E	240		987.1	1015.7	12.4	4.8	8.7	1.0	1	3	-47	0	291	185
10501 AACHEN	5047N	00606E	205		989.7	1014.1	12.6		10.1		6	54			185	125
10506 NUERBURG-BARWEILER	5022N	00652E	488		956.8	1013.9	10.9		9.4		7	72			191	
10513 KOELN/BONN	5052N	00710E	100		1002.1	1014.0	13.3		10.3		7	78			187	120
10526 BAD MARIENBERG	5040N	00758E	555		948.8	1013.6	11.4		9.3		5	53			195	125
10544 WASSERKUPPE	5030N	00957E	925		907.6	1465 Y	9.1		7.9		7	55			217	145
10548 MEININGEN	5034N	01023E	453		960.8	1014.0	12.0		9.0		6	34		2	225	140
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		976.4	1014.6	11.9		9.5		7	50			229	150
10557 NEUHAUS A.R.	5030N	01108E	851		915.9	1466 Y	9.6		8.4		6	66			229	

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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	QUANTILE	TOTAL	% of AV.
10567 GERA-LEUMNITZ	5053N	01208E	312		977.5	1014.4	11.9		9.7		5	47			243	160
10577 CHEMNITZ	5048N	01252E	420		965.4	1014.3	12.8		9.1		5	36			268	195
10578 FICHTELBERG	5026N	01257E	1215		876.6	1467 Y	7.2	5.9	7.5	1.8	6	54	-32	2	256	184
10582 ZINNWALD-GEORGENFELD	5044N	01345E	882		913.5	1474 Y	9.2		7.8		4	27			256	190
10609 TRIER-PETRISBERG	4945N	00640E	273		981.4	1013.7	12.6	4.2	9.9	2.1	6	42	-11	3	203	130
10637 FRANKFURT/M-FLUGHAFEN	5063N	00836E	113		1000.1	1013.6	14.1		9.6		5	25		1	233	140
10648 MICHELSTADT-VIELBRUNN	4943N	00906E	455		960.1	1013.4	11.9		9.2		4	36			211	145
10655 WUERZBURG	4946N	00958E	272		981.4	1013.5	13.1		9.5		4	50			218	135
10658 BAD KISSINGEN	5014N	01005E	282		980.4	1013.8	12.6		9.6		4	36			228	155
10685 HOF	5019N	01153E	568		948.0	1014.2	11.3		8.6		8	74		4	238	160
10688 WEIDEN	4940N	01211E	439		962.7	1014.0	12.2		9.0		7	81			256	160
10708 SAARBRUECKEN/ENSHEIM	4913N	00707E	322		975.7	1013.5	12.0		9.5		5	34			213	130
10729 MANNHEIM	4931N	00833E	100		1001.7	1013.6	13.7		9.6		6	45			234	140
10738 STUTTGART-ECHTERDINGEN	4841N	00914E	396		967.4	1013.4	12.2		9.0		6	35		1	191	120
10742 OEHRINGEN	4913N	00931E	277		980.9	1013.4	13.1		9.5		4	39			209	125
10761 WEISSENBURG	4901N	01058E	424		963.9	1013.3	12.1		8.5		4	28			231	145
10763 NUERNBERG	4930N	01103E	319		976.0	1013.6	12.6	4.4	9.3	1.7	5	29	-19	2	236	142
10776 REGENSBURG	4903N	01206E	371		970.3	1013.6	12.9		9.5		7	48			257	150
10788 STRAUBING	4850N	01234E	360		971.8	1013.7	12.7		9.4		7	55			282	170
10791 GROSSER ARBER	4907N	01308E	1446		852.4	1469 Y	6.7		6.7		7	137			251	165
10805 LAHR	4822N	00750E	157		994.6	1013.4	12.7		9.9		6	33			196	120
10815 FREUDENSTADT	4827N	00825E	801		921.3	1462 Y	9.6		8.2		8	63			174	110
10836 STOETTEN	4840N	00952E	737		927.9	1013.1	10.8		8.5		6	36			197	120
10852 AUGSBURG	4826N	01056E	477		957.8	1013.4	11.1		8.7		5	20			222	135
10870 MUENCHEN, FLUGHAFEN	4822N	01149E	453		961.2	1013.3	12.1	4.5	8.7	1.3	6	24	-31	1	253	158
10895 FUERSTENZELL	4833N	01321E	480		957.6	1013.3	12.9		8.8		4	27			289	
10908 FELDBERG/SCHWARZWALD	4753N	00800E	1493		846.9	1463 Y	5.2		6.6		4	22			183	135
10929 KONSTANZ	4741N	00911E	447		961.0	1013.3	12.5	3.8	8.9	1.1	3	13	-55	0	228	142
10946 KEMPTEN	4743N	01020E	705		931.4	1013.2	10.1		7.9		8	58			218	140
10948 OBERSTDORF	4724N	01017E	812		920.5	1460 Y	8.0		7.4		7	32			203	145
10961 ZUGSPITZE	4725N	01059E	2962		705.7	3024 Z	-4.3	3.2	3.4	.3	9	83	-116	1	219	143
10962 HOHENPEISSENBERG	4748N	01101E	986		900.6	1464 Y	10.1	5.0	7.2	.7	7	27	-66	0	239	153
10980 WENDELSTEIN	4742N	01201E	1835		812.5	1466 Y	4.4		5.0		6	30			254	190
AUSTRIA																
11035 WIEN/HOHE WARTE	4815N	01622E	200		989.9	1014.4	14.3		10.3	2.4	1	5	-46	1	310	182
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	584		944.4	1013.1	11.6		8.5		5	29		1	256	150
11146 SONNBLICK	4703N	01257E	3111		692.7	3026 Z	-5.3		3.7	.7	14	142	-112	2	141	108
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		960.6	1013.1	12.6		7.5	-1	6	35	-48	1	255	167
11155 FEUERKOGEL	4749N	01343E	1621		834.8	1472 Y	5.8		6.0		7	42		1	294	185
11212 VILLACHERALPE	4636N	01340E	2160		782.8	1491 Y	.9		5.7		12	71		1	184	120
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		959.4	1015.3	11.3		9.7	2.3	9	59	-6	1	206	116
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		972.1	1014.7	13.4		9.1	1.0	6	41	-11	2	233	144
CZECH REPUBLIC																

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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.
11423 PRIMDA	4940N	01240E	748		927.8		10.7		8.5		7	101		6	257	165
11464 MILESOVKA	5033N	01356E	836		917.7		10.7		8.6		3	15		1	289	175
11487 KOCELOVICE	4928N	01350E	522		953.3	1014.2	11.9		9.1		5	51		4	281	165
11518 PRAHA/RUZYNE	5006N	01415E	380		971.8	1014.9	12.6	5.0	8.9	1.6	4	22	-16	2	274	164
11520 PRAHA-LIBUS	5001N	01427E	303		978.8	1014.7	13.6		8.9		4	22		2	265	160
11603 LIBEREC	5046N	01501E	405		967.6	1015.0	11.7		7.5		1	3		0	282	205
11659 PRIBYSLAV	4935N	01546E	536		952.2	1014.9	11.5		8.4		4	15		1	293	185
11723 BRNO/TURANY	4909N	01642E	246		986.0	1015.1	14.0	5.0	8.4	1.0	1	3	-28	0	301	178
11782 OSTRAVA/MOSNOV	4941N	01807E	260		985.3	1016.3	12.2	4.0	8.8	1.2	2	9	-43	1	278	182
SLOVAKIA																
11826 PIESTANY	4837N	01750E	164		996.1	1015.6	14.2		9.3	2.4	2	11	-48	1	305	186
11858 HURBANOVO	4752N	01812E	124		1000.3	1015.1	15.4	4.7	8.8	.6	1	7	-31	0	299	168
11903 SLIAC	4839N	01909E	315		979.0	1016.3	12.9	4.3	8.1	.5	2	9	-38	1	285	173
11934 POPRAD/TATRY	4904N	02015E	696		936.0		9.4	3.4	6.8	.2	3	14	-29	1	284	176
POLAND																
12120 LEBA	5445N	01732E	6		1017.9	1018.6	8.4		7.7		2	5		1	314	
12160 ELBLAG	5410N	01926E	43		1013.6	1018.8	10.6		7.0		0	0		0	320	195
12205 SZCZECIN	5324N	01437E	7		1016.1	1016.9	12.0	4.6	8.4	.7	2	10	-28	1	317	215
12295 BIALYSTOK	5306N	02310E	151		1000.5	1018.9	9.1	2.4	6.4	-1.0	1	4	-32	1	292	195
12330 POZNAN	5225N	01651E	84		1006.5	1017.2	12.1	4.5	8.0	.5	3	20	-16	1	326	214
12375 WARSZAWA-OKECIE	5210N	02058E	106		1005.3	1018.3	11.3	3.6	7.1	-6	3	6	-27	1	318	215
12424 WROCLAW II	5106N	01653E	124		1001.6	1016.6	12.2	4.2	8.3	.3	1	14	-25	1	294	207
12497 WLODAWA	5133N	02332E	179		996.8	1018.6	10.2		7.1		2	14		0	265	160
12566 KRAKOW	5005N	01948E	237		988.5	1017.2	11.4	3.5	8.0	.1	2	5	-43	0		
HUNGARY																
12843 BUDAPEST/PESTSZENTLORINC	4726N	01911E	139		999.5	1016.1	15.5	4.4	7.8	-5	1	3	-35	1	291	160
12882 DEBRECEN	4729N	02136E	109		1003.4	1016.3	14.7	4.0	7.9	-1.1	2	5	-37	1	316	166
12942 PECS/POGANY	4600N	01814E	203		991.6	1015.8	14.6	3.9	8.8	.3	3	24	-31	1	241	129
12982 SZEGED	4615N	02006E	83		1006.0	1015.9	14.4	3.3	9.0	.1		2	-39	1	268	150
SERBIA AND MONTENEGRO																
13274 BEOGRAD	4448N	02028E	132		999.4	1015.0	15.8	3.4	9.3	.8	3	6	-52	1	249	141
13388 NIS	4320N	02154E	202		991.5	1015.8	13.9		9.5		5	21		1	201	115
MACEDONIA																
13577 LAZAROPOLE	4132N	02042E	1332		868.2		7.3	1.7	6.9		10	67	-18	2	141	88
13588 SKOPJE-ZAJCEV RID	4201N	02124E	302		979.5		13.4		9.7		7	65		5	190	
SLOVENIA																

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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	QUANTILE	TOTAL	% of AV.
14008 KREDARICA	4623N	01351E	2515		747.5	3036 Z	-1.4		4.7		15	185		4	142	110
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	299		979.9	1015.1	13.2		10.2		11	113		3	173	110
CROATIA																
14236 ZAGREB/GRIC	4549N	01559E	162		994.8	1014.0	15.6		10.6		9	66		3	197	120
14445 SPLIT/MARJAN	4331N	01626E	128		998.3	1013.4	16.0		12.0		13	76		4	183	140
BOSNIA AND HERZEGOVINA																
14648 MOSTAR	4321N	01748E	108		1001.4	1014.2	15.7		11.1		13	68		1	176	100
14652 BJELASNICA	4343N	01816E	2070		791.7	1494 Y	1.8		5.5		11	51		1	154	125
14654 SARAJEVO-BJELAVE	4352N	01826E	638		941.6	1015.3	12.1	2.7	9.8	2.6	9	61	-12	1	183	120
ROMANIA																
15023 SUCEAVA	4738N	02615E	352		975.2	1016.8	10.8		7.3		2	8		0	255	160
15085 BISTRITA	4709N	02431E	367		973.0	1016.6	12.5	3.4	7.2	-1.0	3	9	-48	0	303	177
15090 IASI	4710N	02738E	104		1005.8	1018.3	12.0	1.7	6.5	-1.9	01	1	-52	0	255	150
15120 CLUJ-NAPOCA	4647N	02334E	414		968.0	1016.1	12.8	3.8	7.7	-4	2	10	-38	0	291	167
15247 TIMISOARA	4546N	02115E	88				14.7	3.5	8.9	-3	3	37	-11	2	265	142
15260 SIBIU	4548N	02409E	444			1016.0	12.5	3.1	7.2	-1.3	2	5	-49	0	239	151
15280 VARFU OMU	4527N	02527E	2509		749.8		-2.4	1.6	4.2	.0	11	44	-42	2	220	186
15292 CARANSEBES	4525N	02215E	242		987.5	1015.7	13.9		7.9		3	8		0	257	155
15310 GALATI	4529N	02802E	71		1009.9	1018.4	12.3	1.5	7.1	-2.1	4	22	-16	2	245	127
15350 BUZAU	4509N	02649E	97		1006.7	1018.5	12.2		8.0		5	27		2	251	75
15360 SULINA	4510N	02944E	9		1016.7	1018.1	11.2	1.5	9.4	-9	01	1	-18	0	253	146
15420 BUCURESTI BANEASA	4430N	02608E	91		1007.6	1018.6	11.4	.1	7.8	-1.5	4	106	60	1	241	131
15450 CRAIOVA	4419N	02352E	195		994.1	1017.4	12.5	1.4	8.3	-1.3	4	22	-30	1	273	144
15480 CONSTANTA	4413N	02839E	14		1016.5	1018.1	11.2	1.3	8.8	-1.1	2	25	-5	3	244	136
BULGARIA																
15502 VIDIN	4359N	02251E	595			1016.7	12.3		10.2		3	190		1	223	115
15552 VARNA	4312N	02757E	43		1012.7	1017.2	10.9	.7	9.2	-6	4	28	-16	2	240	150
15614 SOFIA (OBSERV.)	4239N	02323E	595		946.8	1016.2	11.2	.8	8.1	.4	7	49	0	3	217	128
15730 KURDJALI	4139N	02523E	331		977.4	1016.3	11.4		10.5		3	26		1	187	95
ITALY																
16008 S. VALENTINO ALLA MUTA	4645N	01032E	1461		851.0	1471 Y	5.9		5.1		4	15	-21	2		
16022 PAGANELLA	4609N	01102E	2129		783.9	1473 Y	1.6		5.7		8	56	16	5	160	
16033 DOBBIACO	4644N	01213E	1226		877.3	1484 Y	6.8		7.2		9	53	8	4		
16052 PIAN ROSA	4554N	00742E	3488		659.7		-6.6		2.8		4	37		6	110	57
16061 BRIC DELLA CROCE	4502N	00743E	710		930.8		10.0		8.9		14	260	170	6	121	88
16098 TREVISO/ISTRANA	4541N	01206E	42		1009.2	1014.1	15.3		12.2		11	88	7	4		
16110 TRIESTE	4539N	01345E	4		1013.5	1013.9	15.8		11.6		8	49	-37	1	173	98
16134 MONTE CIMONE	4411N	01042E	2173		779.3	1471 Y	.9		5.7		8	20	-30	6		

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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.
16153 CAPO MELE	4357N	00811E	221		986.7	1012.8	14.5		11.1		9	148	83	5	180	91
16158 PISA/S. GIUSTO	4341N	01023E	6		1012.5	1013.2	14.1		11.7		9	87	8	4	181	94
16179 FRONTONE	4331N	01244E	574		946.1		12.1		10.6		12	85	-10	3		
16206 GROSSETO	4244N	01103E	7		1011.8	1013.0	14.2		12.6		8	38	-11	3		
16224 VIGNA DI VALLE	4205N	01213E	266		980.7	1012.0	13.5		11.8		6	59	-19	3	148	73
16232 TERMOLI	4200N	01500E	44		1007.7	1010.0	15.3		13.6		9	52	30	5	127	80
16245 PRATICA DI MARE	4139N	01227E	21		1009.7	1012.0	13.8		12.1		6	71	12	4		
16252 CAMPOBASSO	4134N	01439E	807		920.2		11.0		10.3		11	121	71	5	158	92
16258 MONTE S. ANGELO	4142N	01557E	848		914.8		10.3		9.1		14	133	85	5		
16325 MARINA DI GINOSA	4026N	01653E	12		1010.8	1012.2	15.3		13.6		11	89	61	5		
16344 MONTE SCURO	3920N	01624E	1677		827.9	1462 Y	5.2		6.6		21	155	97	6	119	
16360 S. MARIA DI LEUCA	3949N	01821E	112		999.9	1013.3	14.5		13.1		5	62	33	5	180	
16420 MESSINA	3812N	01533E	54		1006.3	1012.7	16.8		14.3		10	68	9	4	186	90
16429 TRAPANI BIRGI	3755N	01230E	9		1011.7	1012.8	15.2		13.0		10	80	44	5	209	95
16459 CATANIA SIGONELLA	3724N	01455E	29		1009.4	1012.9	14.3		13.8		11	63	28	5		
16480 COZZO SPADARO	3641N	01508E	51		1006.3	1012.4	15.5		15.6		6	30	13	5	216	
16522 CAPO CACCIA	4034N	00810E	204		988.3	1012.5	13.8		13.6		6	62		4	198	90
16546 DECIMOMANNU	3921N	00858E	24		1009.7	1012.5	14.0		12.5		11	123	77	5		
MALTA																
16597 LUQA	3551N	01429E	91		1005.0	1013.7	15.3	-2	13.7	.6	6	40	18	5	228	90
GREECE																
16622 THESSALONIKI (AIRPORT)	4031N	02258E	8		1015.8	1016.5	14.5	.3	10.9	.0	6	21	-15	3	185	92
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1012.9	1013.5	16.1	1.0	13.0	.7	7	128	67	5	166	81
16648 LARISSA (AIRPORT)	3938N	02225E	74		1006.9	1015.8	13.9	-1	10.8	.1	3	14	-14	2	176	83
16716 ATHINAI (AIRPORT)	3754N	02344E	28		1012.9	1014.7	16.3	.3	11.6	.0	5	28	4	3	211	92
16723 SAMOS (AIRPORT)	3742N	02655E	7		1012.8	1013.7	16.6	.5	14.9	2.8	6	48	17	4	254	105
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1012.5	1013.9	15.9	.5	13.0	.9	5	61	14	4	207	98
16734 METHONI	3650N	02142E	34		1006.2	1012.5	16.3	.8	13.4	.6	4	41	10	3	239	100
16746 SOUDA (AIRPORT)	3529N	02407E	151		996.1	1014.1	16.3	.5	12.6	1.0	2	56	25	5	248	108
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1009.3	1014.0	16.8	.2	13.4	1.7	3	37	7	4	240	106
TURKEY																
17022 ZONGULDAK	4127N	03148E	137		1000.2	1016.6	9.4	-2.1	9.3	.4	6	60	-4	3	110	65
17030 SAMSUN	4117N	03618E	4		1017.0	1017.5	9.7	-1.7	9.8	-.8	7	21	-40	0	206	175
17034 GIRESUN	4055N	03823E	37		1015.8	1020.5	9.6	-1.9	9.0	-1.3	9	47	-34	1		
17040 RIZE	4102N	04031E	9		1015.7	1016.8	10.6	-1.0	10.1	-2	10	83	-18	3	148	110
17050 EDIRNE	4140N	02634E	51		1011.0	1017.5	12.7	-2	8.8	-1.1	3	16	-36	1	186	90
17062 ISTANBUL/GOZTEPE	4058N	02905E	33		1014.6	1016.8	12.2	.2	9.6	-.6	5	27	-22	2	199	110
17074 KASTAMONU	4122N	03347E	800		923.0	1015.8	8.6	-1.0	7.0	-.8	12	61	4	3	199	110
17084 CORUM	4033N	03457E	776		925.1	1015.0	9.4	-1.1	8.1	.4	11	110	57	6	211	115
17090 SIVAS	3945N	03701E	1285		870.0	1014.2	8.1	-.9	6.2	-.7	10	71	16	4	242	130
17092 ERZINCAN	3942N	03931E	1154		876.4	1012.6	10.1	-.4	6.7	-.5	10	49	-1	3	190	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.
17096 ERZURUM	3957N	04110E	1758		820.7	1014.1	4.3	-1.1	5.2	-8	11	43	-9	3	244	125
17098 KARS	4033N	04305E	1795		818.8	1014.2	3.6	-1.6	5.3	-9	11	64	20	5	210	115
17112 CANAKKALE	4008N	02624E	6		1015.8	1016.1	12.2	-4	10.6	-5	5	40	-7	3	199	85
17116 BURSA	4011N	02904E	100		1003.8	1015.8	12.1	-8	10.1	-1	7	27	-35	1	102	55
17130 ANKARA/CENTRAL	3957N	03253E	891		912.5	1014.1	11.1	-1	7.7	.2	10	71	23	4	175	85
17155 KUTAHYA	3925N	02958E	969		904.1	1014.4	10.1		8.1		12	56		3	184	105
17170 VAN	3827N	04319E	1669		830.0	1013.2	6.5	-8	5.5	-9	10	47	-7	2	230	110
17188 USAK	3841N	02924E	919		909.1	1013.6	11.1	.2	8.2	-1	8	68	19	4	198	95
17190 AFYON	3845N	03032E	1034		897.2	1014.5	10.1	-1	7.5	.1	9	66	23	5	192	95
17199 MALATYA/BOLGE	3821N	03819E	948		905.8	1012.8	12.6		7.4		7	40		2	238	110
17210 SIIRT	3755N	04157E	896		910.7	1012.0	13.1	-4	9.7	1.1	13	103	-9	3	202	95
17220 IZMIR/GUZELYALI	3826N	02710E	29		1010.9	1013.8	16.0	.2	11.6	.3	4	84	40	5	210	90
17240 ISPARTA	3745N	03033E	997		900.9	1013.7	11.0	.4	7.9	.3	7	40	-14	2	206	100
17244 KONYA	3758N	03233E	1032		897.0	1013.5	10.5	-7	8.6	1.1	7	46	15	4	222	105
17250 NIGDE	3758N	03441E	1210		877.9	1013.3	10.2	-1	7.4	.4	5	39	-4	3	236	115
17255 KAHRAMANMARAS	3736N	03656E	572		944.9	1010.5	15.1	.0	9.5	.0	8	83	12	4	199	90
17270 SANLIURFA	3708N	03846E	549		948.2	1011.4	15.8	.0	9.2	-6	5	49	-2	4	232	95
17280 DIYARBAKIR	3753N	04012E	687		934.7	1012.4	11.8	-2.1	9.7	-4	10	44	-30	2	229	105
17285 HAKKARI	3734N	04346E	1728		826.1	1015.6	6.5	-1.3	5.9	-4	13	60	-75	1	158	80
17292 MUGLA	3713N	02822E	646		939.1	1013.4	13.2	.7	10.0	1.0	9	112	49	5	196	90
17300 ANTALYA	3652N	03044E	64		1005.2	1012.7	17.0	.9	11.9	-5	6	66	19	4		
17340 MERSIN	3648N	03438E	3		1012.0	1012.4	18.0	1.0	13.6	-1.3	5	13	-23	2	249	110
17351 ADANA/BOLGE	3659N	03521E	27		1008.8	1012.0	17.5		13.4		4	34		2	236	110
CYPRUS																
17609 LARNACA AIRPORT	3453N	03338E	2		1012.4	1012.7	17.9	1.0	13.7		2	8	-4		297	110
RUSSIAN FEDERATION (EUROPE)																
22113 MURMANSK	6858N	03303E	51		1006.6	1013.0	-1.1	.5	4.0	-1	12	37	17	5	213	
22165 KANIN NOS	6839N	04318E	49		1003.6	1009.9	-3.3	1.9	4.3	.5	7	24	3	4	78	
22217 KANDALAKSHA	6709N	03221E	25		1011.3	1014.5	-1.7	.1	3.9	-2	3	9	-16	2	220	
22235 KRASNOSCEL'E	6721N	03703E	156		993.7	1013.6	-3.5		3.7		7	22			203	
22471 MEZEN'	6552N	04413E	19		1010.2	1012.6	-3.0		3.8		4	11		1	237	
22520 KEM'-PORT	6459N	03448E	8		1013.9	1014.9	-1.0		4.0		3	17		2	265	
22550 ARHANGEL'SK	6433N	04035E	4		1013.3	1014.4	-2.0	-1.6	4.1	-4	6	18	-13	2	243	
22619 PADANY	6316N	03325E	128		1000.0	1016.4	-4		4.4		4	10		1	245	
22641 ONEGA	6354N	03807E	13		1013.4	1015.0	-1.4	-1.8	4.2	-5	6	34	2	4	247	
22676 SURA	6335N	04538E	62		1004.8	1012.7	-2.3		3.7		6	20		2		
22768 SHENKURSK	6206N	04254E	45		1008.4	1014.1	-1		3.9		5	22		2	238	
22802 SORTAVALA	6143N	03043E	19		1015.8	1018.2	1.9	.4	4.9	-3	5	16	-15	1	188	102
22820 PETROZAVODSK	6149N	03416E	110		1002.9	1016.8	-1.4	-2.8	4.4	-7	2	7	-28	1	243	137
22837 VYTEGRA	6101N	03627E	56		1009.6	1016.6	.7	-1.4	4.4	-8	7	19	-22	1	245	128
26063 ST.PETERSBURG (VOEJKOVO)	5958N	03018E	6		1017.5	1018.3	4.3	.3	5.5	-2	5	29	-4	3	224	124
26157 GDOV	5844N	02750E	40		1014.2	1019.2	4.9		5.6		4	15			222	
26275 STARAYA RUSSA	5801N	03119E	25		1015.4	1018.5	5.5		5.4		6	40			247	135

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.
26359 PUSKINSKIE GORY	5701N	02854E	108		1005.9	1019.2	6.9		4.5		1	4				
26781 SMOLENSK	5445N	03204E	239		989.9	1019.0	6.4	1.5	5.6	-7	4	8	-35		247	139
26997 TRUBCHEVSK	5235N	03346E	178		997.8	1019.5	7.8		5.6		1	3				
27037 VOLOGDA	5919N	03955E	130		999.9	1016.0	1.1	-1.7	4.2	-2.8	4	13	-22	1	264	138
27051 TOT'MA	5953N	04245E	134		998.0	1014.8	.8	-1.4	4.2	-1.0	4	17	-22	1	229	132
27333 KOSTROMA	5744N	04047E	126		1000.4	1016.2	2.4	-1.6	4.2	-1.7	7	33	-3	3	243	132
27459 NIZHNIJ NOVGOROD	5616N	04400E	157		995.6	1015.1	3.8		4.3		8	25		2	297	150
27595 KAZAN'	5536N	04917E	116		998.9	1013.7	3.7	-1.0	4.6	-1.5	5	22	-14	2	228	111
27612 MOSKVA	5550N	03737E	156		998.6	1017.9	5.1	-.7	5.6	-.8	5	25	-18			
27648 ELAT'MA	5457N	04146E	136		1000.0	1016.8	3.8	-1.9	4.8	-1.9	5	20	-15	1	270	138
27675 PORETSKOE	5511N	04620E	136		997.8	1014.6	4.0		5.0		7	18		1	232	125
27707 SUHINICHI	5406N	03521E	238		989.8	1019.1	5.7		5.0		1	5				
27823 PAVELETS	5347N	03915E	209		992.6	1018.5	4.5	-1.0	5.0	-1.8	3	5	-34	1	260	147
27857 ZAMETCHINO	5329N	04238E	131		1000.6	1016.9	4.9		4.8		4	16		2	262	135
27995 SAMARA (BEZENCHUK)	5259N	04926E	46		1009.0	1014.7	4.9		5.2		6	25		3	217	100
34110 BOGORODITSKOE-FENINO	5110N	03721E	226		991.6	1019.2	7.3		4.5		1	9		1	294	
34123 VORONEZ	5142N	03913E	149		1000.4	1018.7	7.4		5.6		2	7		5		
34152 BALASHOV	5133N	04309E	159		997.9	1017.4	6.4		5.1		4	11		1		
34163 OKTJABR'SKIJ GORODOK	5138N	04527E	201		991.6	1016.2	5.3		5.5		5	14		3	251	121
34186 ERSHOV	5122N	04818E	111		1001.9	1015.6	5.7		4.9		5	20		3	251	110
34579 VERHNIJ BASKUNCHAK	4813N	04644E	34		1013.1	1017.3	8.1		5.5		2	8		2		
34720 TAGANROG	4712N	03854E	32		1015.1	1019.0	9.7		7.2		3	8			270	
34740 GIGANT	4631N	04121E	79		1008.9	1018.6	8.7		5.9		5	28			279	
34866 YASHKUL'	4611N	04521E	-7		1019.8	1019.0	8.0	-3.0	6.9	-1.2	1	17	2			
34927 KRASNODAR-KRUGLIK	4503N	03902E	29		1014.3	1017.9	10.7		7.0		5	19		1		
34949 STAVROPOL'	4507N	04205E	452		964.0	1018.2	7.2		5.5		3	17			259	
37001 ANAPA	4453N	03717E	32		1013.7	1017.7	10.2		7.9		5	11		1	259	130
37061 BUDENNOVSK	4447N	04408E	136		1001.8	1018.4	8.0		6.4		3	15			296	
37107 KRASNAYA POLYANA	4341N	04012E	569		949.5	1016.5	8.8		7.6		11	67			207	
37126 SHADZHATMAZ	4344N	04240E	2056		791.0	1479 Y	-1.6		4.3		6	23			182	
37228 VLADIKAVKAZ	4303N	04439E	703		934.4	1016.9	7.1		6.8		8	82			241	
37470 DERBENT	4204N	04818E	-18		1020.8	1018.4	9.1		8.3		5	14		3	205	80
37472 MAHACHKALA	4250N	04733E	32		1018.0	1020.3	8.3	-2.0	7.6	-2.0	2	5	-13			
37663 AHTY	4128N	04745E	1015		899.6	1466 Y	6.0		6.0		6	23		2	196	100
ARMENIA																
37789 YEREVAN/YEREVAN-ARABKIR	4008N	04428E	1140		887.9	1474 Y	10.0	-2.7	8.3	.4	12	91	55	1	203	115
AZERBAIJAN																
37661 SHAKI	4113N	04710E	641		942.9	1018.1	8.6	-3.0	7.8	-1.4	9	69	-14			
37735 GANDJA	4043N	04625E	311		970.8	1007.6	10.5	-2.6	8.4	-.5		39	9			
37747 EVLAKH AIRPORT	4037N	04709E	15		1017.2	1019.1	12.0	-2.4	9.0	-1.2	9	27	-7		76	40
37860 MASHTAGA	4032N	05000E	28		1012.0	1015.3	9.6	-2.0	9.5	-.6		51	34		161	83
37989 ASTARA	3827N	04853E	-22		1022.1	1019.4	10.4	-1.0	11.5	-.1	15	150	96		122	80

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
BELARUS																
26554 VERHNEDVINSK	5549N	02757E	132		1002.9	1019.1	7.5		6.0		2	12		1	236	
26666 VITEBSK	5510N	03013E	176		997.6	1019.1	7.5	2.0	5.5	-1.0	4	8	-31	1		
26825 GRODNO	5336N	02403E	134		1001.3	1019.3	9.2		6.7		2	11		1		
26850 MINSK	5356N	02738E	231		992.3	1019.3	8.5	2.5	6.1	-6	2	2	-40	0	256	145
26863 MOGILEV	5357N	03004E	192		995.8	1019.3	7.1	1.2	5.9	-1.0	1	10	-30	1		
26941 BARANOVICHI	5307N	02600E	193		995.9	1019.3	9.2		6.4		2	32		2		
26951 SLUTSK	5302N	02733E	162		999.6	1019.4	8.6		6.7		1	4		0		
33008 BREST	5207N	02341E	146		1001.5	1019.1	10.7	3.0	6.8	-5	1	3	-36	0	277	157
33019 PINSK	5207N	02607E	142		1002.0	1019.2	10.0		7.3		2	13		1	280	150
33036 MOZYR	5157N	02910E	190		996.4	1019.3	9.7		5.4		1	7		1		
33038 VASILEVICHI	5215N	02950E	142		1002.1	1019.5	8.7	1.3	5.5	-1.7	2	9	-36	0	311	177
33041 GOMEL	5224N	03057E	126		1004.0	1019.4	9.1	1.7	5.7	-1.5	1	3	-36	0	295	168
ESTONIA																
26038 TALLINN	5923N	02435E	34		1014.6	1018.7	5.4	2.0	5.8	-1	3	5	-31	0	257	138
26214 VILSANDI	5823N	02149E	6		1018.4	1019.1	6.2	2.9	7.3	1.0	2	6	-23	1	308	157
26242 TARTU	5818N	02644E	68		1010.1	1018.8	6.2	2.0	5.8	-2	1	11	-23	1	248	138
GEORGIA																
37279 ZUGDIDI	4231N	04153E	118		1002.5	1016.7	9.4		11.2		9	142				
37395 KUTAISI	4216N	04238E	114		1003.7	1017.6						73				
37432 PASANAURI	4221N	04442E	1070				6.3					32				
37484 BATUMI	4139N	04138E	2		1016.4	1017.4	10.6					124				
37545 TBILISI	4145N	04446E	427		966.6	1017.3	10.6		10.5			17				
37621 BOLNISI	4127N	04433E	534		953.6	1017.0	9.7		8.1			34				
KAZAKHSTAN																
34398 ZHALPAKTAL	4940N	04929E	10		1014.5	1015.8	6.9	-2.0	5.4	-1.9	3	19	1		243	117
34691 NOVYJ USHTOGAN	4754N	04848E	-10		1018.1	1016.9	8.3		5.4		3	6				
LATVIA																
26346 ALUKSNE	5726N	02702E	193		994.4	1018.9	5.9		5.6		2	12			250	135
26406 LIEPAJA	5629N	02101E	7		1019.0	1019.6	7.6	3.0	7.1	.4	1	3	-32		322	172
26544 DAUGAVPILS	5552N	02637E	122		1003.8	1019.1	7.4	2.2	6.0	-5	1	2	-38		260	153
LITHUANIA																
26509 KLAIPEDA	5544N	02104E	7		1018.3	1019.2	8.3	3.3	8.0	1.2	1	3	-33	0	332	184
26524 SIAULIAI	5556N	02319E	107		1006.1	1019.2	8.5	3.3	6.3	-3	2	8	-30	1	302	172
26629 KAUNAS	5453N	02350E	77		1010.0	1019.4	8.9	3.1	6.6	-5	1	9	-33	0	310	177
26730 VILNIUS	5438N	02506E	162		1000.3	1019.3	8.7	3.0	6.3	-3	2	6	-40	0	273	166

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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.
REPUBLIC OF MOLDOVA																
33748 CORNESTI	4720N	02805E	232		990.3	1018.2	12.3		6.0		2	7		1		
33815 CHISINAU	4701N	02859E	173		997.8	1018.0	12.2	1.9	6.3	-1.5	1	3	-39	0	275	147
33829 TIRASPOL	4654N	02936E	40		1013.6	1018.6	11.0		6.8		3	8		1	250	135
33883 KOMRAT	4618N	02838E	133		1001.8	1018.2	11.9		6.7		1	3		1		
UKRAINE																
33177 VOLODYMYR-VOLYNS'KYI	5050N	02419E	194		995.3	1018.9	10.3		7.1		3	14		1		
33275 SUMY	5051N	03440E	181		997.2	1019.5	8.7	.8	5.2		01	1	-38	1		
33301 RIVNE	5035N	02608E	231		991.2	1019.1	10.3	2.6	6.3		3	7	-34	1		
33345 KIEV	5024N	03034E	167		999.1	1019.3	11.1	2.4	5.3	-2.2	1	2	-47	0		
33377 LUBNY	5000N	03301E	158		1000.2	1019.4	10.0	1.3	5.3		0	T	-44	0		
33393 L'VIV	4949N	02357E	323		979.7	1018.3	10.8	3.1	7.1	-5	3	52	1	3	285	152
33415 TERNOPIL'	4932N	02540E	329		979.6	1018.9	10.2	2.8	6.7		2	4	-43	0		
33429 KHMEL'NYTS'KYI	4926N	02659E	350		977.1	1018.9	10.3	2.5	6.0		3	10	-38	0		
33506 POLTAVA	4936N	03433E	160		999.9	1019.3	9.9	1.1	4.8	-2.7	01	1	-39	0		
33526 IVANO-FRANKIVS'K	4858N	02424E	280		984.7	1018.2	10.7	2.6	7.8		4	28	-25	1		
33562 VINNYTSIA	4914N	02836E	298		983.4	1019.0	10.4	2.5	5.5	-1.9	0	T	-48	0	284	166
33587 UMAN'	4846N	03014E	216		993.3	1019.4	10.1	1.6	6.4	-1.2	0	0	-48	0		
33631 UZHGOROD	4838N	02216E	124		1003.0	1016.6	14.0	3.3	8.0	.0	4	16	-29	1	324	171
33658 CHERNIVTSI	4822N	02554E	246		989.0	1018.5	11.4	2.6	7.0	-6	2	9	-49	0	286	177
33711 KIROVOHRAD	4831N	03212E	171		998.5	1019.4	9.9	1.0	5.0		1	1	-35	0		
33777 VOZNESENS'K	4734N	03120E	34		1014.8	1018.9	11.2		6.1		1	5		0		
33791 KRYVYI RIH	4802N	03313E	124		1004.0	1019.2	9.8	.2	5.2		0	T	-41	0	302	170
33837 ODESA	4626N	03046E	42		1013.7	1018.8	11.1	2.1	7.4	-1.2	0	0	-34	0	294	158
33889 IZMAIL	4522N	02851E	30		1014.9	1018.5	11.2	.7	8.1	-6	3	11	-23	1	257	130
33902 KHERSON	4638N	03234E	54		1011.6	1018.2	10.3	.2	6.2		2	5	-28	1	288	145
33915 ASKANIJA-NOVA	4627N	03353E	30		1015.1	1018.8	9.2	-4	5.9	-2.5	0	T	-27		281	147
33946 SIMFEROPOL'	4441N	03408E	181		996.1	1018.0	9.2	-1.0	6.4	-1.8		2	-31	1	310	147
33998 AI-PETRI	4426N	03405E	1180		882.0		3.8	-1.1	4.3		1	3	-58	1	289	140
34300 KHARKIV	4958N	03608E	155		1000.3	1019.4	9.2	.3	4.6	-2.9	3	6	-30	0	284	175
34415 IZIUM	4911N	03718E	78		1009.6	1019.2	8.1		5.1		2	3		1		
34504 DNIPROPETROVS'K	4836N	03458E	143		1001.2	1018.9	9.9	.4	5.3		0	T	-38	0	287	150
34519 DONETS'K	4804N	03746E	225		991.6	1019.1	8.6	-.7	4.9		1	3	-38	0		
34523 LUHANS'K	4834N	03915E	62		1011.1	1018.7	8.3	-1.7	5.2		1	2	-37	1	263	155
34712 MARIUPOL'	4702N	03730E	70		1010.1	1018.6	8.9		7.2		1	3		1		
SYRIAN ARAB REPUBLIC																
40001 KAMISHLI	3703N	04113E	455		958.6	1010.4	16.6	.6	9.0	-1.5	5	46	-20			
40007 ALEPPO INT. AEROPORT	3611N	03712E	393		966.6	1011.1	16.3	.5	8.9	-1.3	3	46	13			
40022 LATTAKIA	3532N	03546E	7		1011.1	1012.0	17.8	.0	14.7	1.1	5	23	-25		241	107
40030 HAMA	3507N	03645E	303		976.5	1011.9	16.7	.8	11.2	.9	7	28	-4			
40045 DEIR EZZOR	3519N	04009E	215		987.9	1012.4	18.9	.2	8.6	-8		26	4	0		
40061 PALMYRA	3433N	03818E	408		964.5	1010.9	18.6	.7	8.2	-5	2	7	-13	1	283	110

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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.
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609		942.0	1011.2	16.8	1.3	.7	-7.7		36	25	0		
ISRAEL																
40179 BET DAGAN	3200N	03449E	35		1009.4	1012.8	18.8	1.0	13.1		0	T	-19	1	289	107
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1008.7	1013.5	19.3		12.4		0	T		1		
40199 EILAT	2933N	03457E	12		1011.5	1011.9	25.1	.7	8.5		0	0	-3	2	282	100
JORDAN																
40250 H-4 'IRWAISHED'	3230N	03812E	683		933.4	1010.3	18.8		7.5		0	T		1	237	90
40265 MAFRAQ	3222N	03615E	683		936.3	1014.2	16.4		9.5		0	T		1	253	100
40296 GHOR SAFI	3102N	03528E	-350		1054.5	1013.0	24.6		13.6		0	0			244	95
40310 MA'AN	3010N	03547E	1069		892.6	1485 Y	17.5	.6	7.6	.1	0	0	-3	1	206	76
ASIA																
RUSSIAN FEDERATION (ASIA)																
20046 POLARGMO IM. E.T. KRENKELJA	8037N	05803E	22		1002.6	1006.0	-22.2	-2.3	.9	-3	6	17	1		253	
20069 OSTROV VIZE	7930N	07659E	10		1002.1	1003.4	-21.0	-3	1.0	-2	3	9	1	4	331	
20087 OSTROV GOLOMJANNYJ	7933N	09037E	8		1001.7	1002.8	-20.1		1.2		8	14		5	248	
20292 GMO IM.E.K. FEDOROVA	7743N	10410E	15		1004.3	1005.5	-19.0	2.1	1.3	.2	7	16	3	0	157	
20476 MYS STERLEGOVA	7525N	08854E	11		1002.4	1003.9	-17.5		1.7		10	37				
20667 IM. M.V. POPOVA	7320N	07003E	7		1002.7	1003.5	-16.5		1.6		6	41				
20674 OSTROV DIKSON	7330N	08024E	47		998.7	1004.8	-15.6	2.3	1.9	.4	10	43	25	6	185	
20744 MALYE KARMAKULY	7222N	05242E	15		1004.8	1006.6	-10.6	.4	2.4	.1	9	24	1		188	
20891 HATANGA	7159N	10220E	33		1004.4	1008.7	-12.9	5.2	2.1	.7	9	18	4	4	268	
20982 VOLOCHANKA	7058N	09430E	40		1002.7	1008.0	-10.5		2.1		7	22		4	223	
21432 OSTROV KOTEL'NYJ	7600N	13750E	8		1008.4	1010.4	-18.6	2.8	1.3	.2	1	7	-1			
21802 SASKYLAH	7158N	11400E	18		1008.1	1010.6	-13.8		1.9		5	17			247	
21908 DZALINDA	7008N	11350E	62		1003.4	1011.5	-10.4		2.5		8	21			250	
21921 KJUSJUR	7041N	12720E	33		1007.7	1012.2	-10.4		2.1		4	13				
21931 JUBILEJNAJA	7046N	13610E	24		1010.2	1013.4	-14.4		.7		3	18				
21946 CHOKURDAH	7037N	14750E	61		1006.6	1014.8	-16.2	2.9	1.6	.4	3	10	2		288	
21982 OSTROV VRANGELJA	7059N	17820E	5		1017.3	1017.9	-18.0	.1	1.5	.2	2	5	-3		342	
23022 AMDERMA	6945N	06142E	49		1000.1	1006.4	-11.9		2.4		6	13			240	
23032 MARESALE	6943N	06648E	25		1001.4	1004.6	-11.8		2.5		8	27			173	
23058 ANTIPAJUTA	6905N	07651E	3		1004.3	1004.8	-13.5		2.4		4	11				
23074 DUDINKA	6924N	08610E	19		1004.7	1007.2	-10.6	4.8	2.6	.7	12	63	30	5	150	
23205 NAR'JAN-MAR	6738N	05302E	12		1001.1	1008.6	-7.3	.3	3.0	-1	7	21	-2	3	216	
23242 NOVYJ PORT	6741N	07253E	12		1003.7	1005.3	-11.6		2.4		8	36			179	
23256 TAZOVSKOE	6728N	07844E	8		1002.8	1006.4	-10.2		2.7		12	53			220	
23274 IGARKA	6728N	08634E	31		1004.8	1008.8	-6.9		3.0		9	35		4	169	
23324 PETRUN'	6626N	06046E	62		1000.7	1008.7	-7.6		3.0		5	18		2	207	

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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.
23330 SALEHARD	6632N	06640E	16		1005.1	1007.2	-8.5	1.4	2.8	.1	3	12	-11		228	
23383 AGATA	6653N	09328E	278		976.2	1010.8	-7.1		2.7		11	34		5		
23405 UST'-CIL'MA	6526N	05216E	68		1000.8	1010.9	-3.9	-6	3.2	-5	4	14	-18	1	206	
23445 NADYM	6528N	07240E	19		1004.6	1007.2	-6.1		3.0		6	41				
23463 YANOV-STAN	6559N	08416E	40		1005.0	1009.8	-4.5		3.0		6	14		1		
23472 TURUHANSK	6547N	08756E	38		1005.3	1010.1	-3.9	4.6	3.1	.6	9	18	-12	1	200	
23552 TARKO-SALE	6455N	07749E	27		1004.9	1008.4	-4.6	4.6	3.4	.7	8	38	12	6	225	
23631 BEREZOVO	6356N	06503E	32		1004.1	1008.2	-4.7	-1	3.1	-3	9	39	7	5	237	
23662 TOL'KA	6359N	08205E	33		1005.9	1010.3	-2.9		3.3		6	17			213	
23678 VERHNEIMBATS	6309N	08757E	46		1006.9	1012.6	-1.2		3.3		7	37		3		
23711 TROICKO-PECHERSKOE	6242N	05612E	139		992.6	1010.2	-2.6	-1.9	3.3	-9	8	33	-4	1	209	
23724 NJAKSIMVOL'	6226N	06052E	51		1002.2	1008.6	-2.0	-1.1	3.3	-8	9	37	2			
23734 OKTJABR'SKOE	6227N	06603E	72		999.1	1008.3	-2.9		3.6		9	59			210	
23867 LAR' YAK	6106N	08015E	57		1005.0	1012.1	.2		4.0		5	22			268	
23884 BOR	6136N	09001E	58		1007.0	1014.3	.6	4.1	4.2	.9	9	29	-2	1	203	101
23891 BAJKIT	6140N	09622E	262		983.5		-1	4.4	4.2	1.3	6	15	-12	1	216	100
23914 CHERDYN'	6024N	05631E	207		984.3	1010.2	-1.1	-2.1	4.0	-7	12	73	29	5	198	102
23921 IVDEL'	6041N	06027E	95		997.1	1009.1	-1.0	-2.0	3.4	-4	9	38	6	4	217	115
23933 HANTY-MANSIJSK	6101N	06902E	46		1003.0	1009.4	-5	1.0	4.3	.2	5	17	-13		227	110
23955 ALEKSANDROVSKOE	6026N	07752E	48		1005.9	1012.0	.7	3.1	4.2	.3	6	29	2		265	123
23966 VANZIL'-KYNAK	6021N	08405E	99		1001.5	1014.0	.6		4.2		8	25			215	110
23986 SEVERO-ENISEJSK	6023N	09320E	519		952.9	1015.5	-3		3.7		14	51		5		
24125 OLENEK	6830N	11220E	220		983.4	1010.2	-7.1	5.1	2.7	1.0	9	28	15		247	
24136 SUHANA	6837N	11820E	77		1002.0	1011.9	-8.1		2.4		2	12			262	
24143 DZARDZAN	6844N	12400E	39		1007.5	1012.5	-8.0	4.7	2.5	.7	4	14	0			
24266 VERHOJANSK	6733N	13320E	137		995.4	1013.2	-9.4	3.5	2.4	.7	2	9	3		294	
24329 SHELAGONTSY	6615N	11410E	236		983.3	1013.4	-6.8	5.7	2.7	.9	4	9	-3		282	
24343 ZHIGANSK	6646N	12320E	92		1001.0	1012.9	-7.1	4.2	2.5	.5	6	26	13		321	
24382 UST'-MOMA	6627N	14310E	196		987.9	1013.3	-9.2		2.2		1	8			286	
24507 TURA	6416N	10010E	168		990.3	1013.7	-1.5	6.0	3.4	.9	5	17	1	3	236	
24606 KISLOKAN	6335N	10350E	211		987.2	1013.7	-1.3		3.0		6	14		4		
24641 VILJUJSK	6346N	12130E	111		999.6	1013.7	-3.0	4.0	3.1	.8	1	8	-3		238	
24661 SEGEN-KYUEL'	6400N	13010E	208		985.8	1012.4	-5.5		2.6		2	6				
24671 TOMPO	6357N	13550E	402		962.1	1013.3	-8.7		2.4		8	15			242	
24688 OJMJAKON	6315N	14300E	741		921.1	1013.6	-10.3	4.1	2.1	.4	2	4	-2		310	
24713 NAKANNO	6253N	10820E	246		983.1	1013.9	-1		3.7		6	19			249	
24738 SUNTAR	6209N	11730E	133		996.6	1014.0	-2.0	3.8	3.2	.7	5	18	7		302	
24790 SUSUMAN	6247N	14810E	655		931.8	1014.0	-10.6		2.1		1	5			266	
24817 ERBOGACEN	6116N	10800E	291		978.5	1014.7	-2	5.4	3.6	1.0	6	26	10		256	109
24908 VANAVARA	6020N	10210E	260		983.5	1015.9	.7	4.9	3.7	.9	6	28	3	4	248	110
24959 JAKUTSK	6201N	12940E	101		999.9	1012.7	-3.3	2.8	2.9	.4	2	5	-4		327	
24966 UST'-MAJYA	6023N	13420E	170			1011.8	-3.4	1.4	3.0	.3	3	9	-4		286	112
24967 TEGYULTYA	6028N	13000E	171		993.2	1015.1	-5.4		2.6		2	7				
25062 MYS BILLINGSA	6953N	17540E	3		1016.0	1016.4	-17.5		.2		3	7				
25138 OSTROVNOE	6807N	16410E	94		1002.7	1015.2	-12.6		1.9		3	10			288	
25173 MYS SHMIDTA	6854N	17920W	4		1016.9	1017.4	-17.8	.9	1.4	.0	3	6	-7			

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
25206 SREDNE-KOLYMSK	6727N	15340E	21		1011.8	1014.5	-10.7		1.9		3	9				
25248 ILIRNEJ	6715N	16750E	353		970.4	1016.9	-16.4	1.8	1.2	-1	1	3	-4			
25282 MYS VANKAREM	6750N	17050W	5		1016.4	1017.1	-17.2		1.6		4	8			261	
25325 UST'-OLOJ	6633N	15920E	127		998.9	1015.6	-11.4	2.3	1.3	-3	3	6	-3		270	
25356 EN' MUVEEM	6623N	17320E	77		1006.3	1016.7	-16.0		1.6		3	7			264	
25378 EGVEKINOT	6621N	17900W	26		1013.0	1016.4	-11.4		2.4		5	15				
25399 MYS UELEN	6610N	16950W	3		1014.8	1015.7	-11.8	2.8	2.5	.5	4	11	-14		164	
25400 ZYRYANKA	6544N	15050E	43		1008.6	1014.3	-8.1	3.9	2.3	.5	4	17	10		260	
25428 OMOLON	6514N	16030E	264		980.7	1014.7	-12.2		1.8		2	5			325	
25503 KORKODON	6445N	15350E	98		1001.2	1014.1	-8.5		2.1		1	4			308	
25551 MARKOVO	6441N	17020E	26		1012.2	1015.3	-13.9	.7	1.8	.0	10	26	6		223	
25563 ANADYR'	6447N	17730E	61		1007.1	1015.2	-12.5	1.3	2.3	.3	6	53	36		256	
25594 BUHTA PROVIDENJA	6425N	17310W	40		1009.3	1014.2	-8.1	1.1	3.1	.6	8	22	-21			
25677 BERINGOVSKAJA	6303N	17910E	82		1013.0	1013.6	-9.8		2.7		6	48				
25705 SREDNIKAN	6227N	15210E	260		979.3	1012.6	-8.1		2.3		4	9			246	
25744 KAMENSKOE	6226N	16600E	10		1009.2	1014.5	-10.1	1.4	2.1	-2	11	32	10		197	
25927 BROHOVO	5939N	15410E	5		1011.1	1011.8	-8.6		3.0		6	15		0	220	
25954 KORF	6021N	16600E	4		1011.5	1012.0	-6.3	.5	3.1	.0	3	24	4	4	239	110
28009 KIRS	5922N	05213E	169		990.6	1011.8	-6		3.9		9	39		4		
28064 LEUSI	5937N	06543E	72		997.7	1010.2	1.0	-1	3.5	-1.0	7	21	-6	4	59	28
28138 BISER	5831N	05851E	463		953.4	1010.4	-1.8	-2.4	3.7	-9	11	66	11	4	195	98
28224 PERM'	5801N	05618E	171		989.1	1010.4	1.4		4.5		12	55			203	
28255 TURINSK	5803N	06341E	103		997.3	1010.1	1.5		4.6		6	24		2	217	105
28275 TOBOL'SK	5809N	06815E	50		1005.2	1011.5	1.9	.2	4.5	-5	8	40	14	5	230	106
28418 SARAPUL	5628N	05344E	133		995.2	1011.7	2.6		5.2		8	32		3	227	110
28434 KRASNOUFIMSK	5639N	05747E	206		985.3	1010.8	1.5	-1.4	4.7	-7	10	56	22	5	211	103
28493 TARA	5654N	07423E	73		1004.3	1013.4	3.4	1.6	4.9	.1	12	45	21	5	239	105
28552 SADRINSK	5604N	06339E	89		1000.0	1011.0	3.6	-9	4.9	-6	7	23	-1	3		
28573 ISHIM	5606N	06926E	82		1002.4	1012.6	3.1		5.2		6	33			191	
28666 MAKUSINO	5515N	06718E	140		995.1	1012.4	3.3		5.2		5	26		4	206	
28698 OMSK	5501N	07323E	122		999.0	1014.1	4.8	1.4	5.4	.1	7	27	6		202	86
28704 CULPANOVO	5430N	05025E	78		1003.9	1013.5	3.7		5.0		5	13		1	186	90
28722 UFA-DIOMA	5443N	05550E	104		998.4	1011.3	3.2	-1.5	5.8	-3	7	56	19		200	93
28748 TROIJK	5405N	06137E	192		988.4	1012.0	3.8		4.6		7	16		2	204	45
29111 SREDNY VASJUGAN	5913N	07814E	69		1004.6	1013.2	2.0		4.2		9	44			223	
29231 KOLPASEVO	5819N	08257E	75		1005.8	1014.7	2.7	3.6	4.5	.6	4	25	-1		242	109
29263 ENISEJSK	5827N	09209E	79		1006.7	1016.6	2.7	3.1	4.6	.8	7	29	6	4	220	101
29282 BOGUCANY	5823N	09727E	133		1000.3	1016.9	3.0	3.6	4.5	.9	4	9	-7	2	251	118
29313 PUDINO	5732N	07922E	97		1002.3	1014.3	3.0		4.7		7	39			229	
29328 BAKCHAR	5705N	08155E	110		1001.8	1015.5	3.4		4.7		6	25			191	
29379 TASEEVO	5712N	09433E	168		997.6	1018.4	3.3		4.8			3				
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		984.3	1018.1	5.0		4.9		5	9		1		
29594 TAJSHET	5557N	09800E	307		980.6	1018.2	4.6		4.9		2	9			245	
29612 BARABINSK	5520N	07822E	120		1000.8	1015.6	4.3	2.7	5.4	.4	5	33	14		220	96
29645 KEMEROVO CGMS	5515N	08613E	148		999.5	1017.8	4.8		5.5		8	27			197	
29752 NENASTNAYA	5445N	08849E	1183		879.4	1451 Y	-1		4.3		17	132		3	174	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.
29789 VERHNJAJA GUTARA	5413N	09658E	984		902.7	1018.5	1.8		4.2		4	9			198	
29866 MINUSINSK	5342N	09142E	254		987.5	1018.6	6.3	2.9	5.4	.8	4	26	12	5	210	125
29939 BIJSK ZONAL'NAYA	5241N	08457E	228		991.0	1018.6	5.9		6.0		5	21		2		
30054 VITIM	5927N	11230E	190		992.1	1016.6	5.0	8.8	3.9	.8	2	10	-6		225	110
30089 DZHIKIMDA	5901N	12140E	175		993.4	1015.4	-1		3.3		4	12				
30230 KIRENSK	5746N	10800E	259		984.9	1016.9	2.4	4.8	4.3	1.1	2	5	-9		257	119
30252 MAMAKAN	5749N	11410E	249		986.5	1017.4	2.0		4.6		6	30			258	
30309 BRATSK	5617N	10140E	416		967.1	1018.0	2.7	3.7	4.9	1.3	4	9	-8		240	111
30372 CHARA	5654N	11810E	711		929.4	1015.0	-1	4.9	3.4	.8	4	11	-3	3	275	120
30385 UST'-NJUKZHA	5635N	12120E	426		958.1	1013.5	.8		4.0			2			262	60
30433 NIZHNEANGARSK	5547N	10930E	487		959.7	1018.3	1.6	4.7	4.2	1.2	2	7	-10	1	243	115
30521 ZHIGALOVO	5448N	10510E	426		966.9	1018.0	3.1	4.3	4.3	.6	5	10	1		238	110
30554 BAGDARIN	5428N	11330E	903		912.3	1016.5	1.3	5.3	3.6	1.0	1	3	-8	1	259	106
30612 BALAGANSK	5400N	10300E	427		966.5	1018.7	2.7		4.2		6	18				
30636 BARGUZIN	5337N	10930E	489		957.4	1016.5	3.5		4.2		01	1		0	250	100
30650 ROMANOVKA	5312N	11240E	923		906.7	1015.3	2.5		3.7		1	4		2		
30673 MOGOCHA	5345N	11940E	625		939.1	1014.2	2.3	4.2	4.2	1.1	1	4	-12	1	303	135
30710 IRKUTSK	5216N	10410E	469		961.7	1018.3	5.5	4.1	4.7	.8	3	15	-3		242	109
30758 CHITA	5205N	11320E	671		935.4	1015.0	5.3	5.1	3.5	.6	1	6	-3	3	291	120
30777 SRETENSK	5214N	11740E	525		951.1	1014.1	5.0		3.4		0	T		0	299	129
30844 HILOK	5121N	11020E	802		921.6	1016.5	3.6		4.0		2	12		3		
30879 NERCHINSKIJ ZAVOD	5119N	11930E	619		939.8	1013.5	4.5	3.7	3.9	.4	3	20	-2	3	309	130
30925 KJAHTA	5022N	10620E	797		922.4	1015.7	6.8		5.2		1	11		0	273	114
30935 KRASNYY CHIKOJ	5022N	10840E	771		925.5	1016.6	4.5		4.4		3	9		3	214	90
30949 KYRA	4934N	11150E	908		909.5	1015.6	5.2	4.0	4.1	1.1	01	1	-10	1	258	98
30965 BORZYA	5024N	11630E	676		934.8	1014.8	4.8	4.0	4.1	.8	1	1	-8	1	307	115
31004 ALDAN	5837N	12520E	679		931.9	1014.7	-2.7	2.5	3.0	.3	8	22	-13		256	122
31088 OHOTSK	5922N	14310E	6		1009.6	1010.3	-3.0	2.0	3.6	.3	4	27	1	3	237	103
31137 TOKO	5617N	13100E	850		910.8	1014.6	-6.9		2.7		4	21				
31152 NEL' KAN	5739N	13600E	318		970.3	1010.0	-2.3		3.2		6	28			185	
31168 AYAN	5627N	13800E	8		1008.4	1009.5	-1.7	1.9	4.0	.4	9	58	3		186	102
31174 BOL'SHOJ SHANTAR	5450N	13730E	21		1008.4	1009.5	-3.5		3.7		9	50			246	120
31253 BOMNAK	5443N	12850E	357		967.6	1012.5	.4	1.2	3.5	.2	3	34	-6	4	295	137
31329 EKIMCHAN	5304N	13250E	542		945.4	1011.7	-1.6	.3	3.4	-1	6	24	-17	3	257	133
31369 NIKOLAEVSK-NA-AMURE	5309N	14040E	68		1000.1	1008.5	-1.2	.8	4.4	.3	8	49	12			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1000.4	1009.4	1.5	1.5	4.5	.6	2	21	-8		265	120
31439 BOGORODSKOE	5223N	14020E	35		1003.9	1008.3	.3		4.3		7	26				
31478 SOFIJSKIJ PRIISK	5216N	13350E	902		903.2	1011.6	-4.6		3.1		7	24		0		
31707 EKATERINO-NIKOL'SKOE	4744N	13050E	73		1002.9	1011.9	6.1	1.6	5.0	.2	01	1	-24			
31770 SOVETSKAYA GAVAN'	5100N	13950E	238		1007.2	1010.2	1.5		4.5		1	1			256	145
31829 ZOLOTOJ	4719N	13850E	26		1007.6	1010.8	2.8	1.4	4.9	-2	1	6	-58			
31873 DAL'NERECHENSK	4552N	13340E	101		999.9	1012.3	6.6		5.6		5	26				
31960 VLADIVOSTOK	4307N	13150E	183		990.6	1013.6	6.3	1.9	5.4	-4	4	66	14		196	102
31989 PREOBRAZHENIE	4254N	13350E	43		1007.9	1013.2	5.5		5.5		3	25				
32027 POGIBI	5213N	14130E	6		1008.6	1009.5	-2.6		4.7		7	22			176	
32061 ALEKSANDROVSK-SAHALINSKIJ	5054N	14210E	31		1006.0	1009.9	.1	-2	4.5	.1	7	21	-11	2	230	122

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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.
32076 POGRANICHNOE	5024N	14340E	8		1008.2	1009.2	-1.2		6.0		4	25		1	234	130
32098 PORONAJSK	4913N	14300E	8		1009.4	1010.4	.4	.1	4.8	.0	4	8	-46	0	240	130
32099 MYS TERPENIYA	4839N	14440E	6		1009.4	1010.2	-6		4.8		4	16			186	45
32150 JUZHNO-SAHALINSK	4657N	14240E	24		1008.3	1011.3	1.9	.2	4.9	-3	5	40	-17	2	260	136
32165 JUZHNO-KURIL'SK	4401N	14550E	49		1006.8	1012.9	2.2	.7	5.5	-2	6	120	33	4	205	127
32213 MYS LOPATKA	5052N	15640E	47		1001.8	1008.1	-7		5.0		7	19		1	123	105
32252 UST'-VOYAMPOLKA	5830N	15910E	7		1009.6	1010.5	-4.4	1.5	4.1	.5	5	14	-8	2	192	99
32287 UST'-HAJRJUZOVO	5705N	15640E	8		1008.4	1009.4	-2.9		3.9		2	9		1	180	95
32389 KLJUCHI	5619N	16050E	29		1005.3	1008.9	-1.7	.4	.4	-3.2	10	47	19	5	188	92
32477 SOBOLEVO	5418N	15550E	14		1005.0	1008.2	-1.7		4.6		5	27		3	206	115
32509 SEMYACHIK	5407N	15950E	27		1004.2	1007.6	-.4		4.8		8	91		4	166	85
32618 OSTROV BERINGA	5512N	16550E	18		1005.7	1007.9	.0	.6	5.3	.3	11	36	-5	3	94	78
35011 SOROCHINSK	5226N	05308E	123		998.6	1013.8	4.5		4.8		7	42		5		
36038 ZMEINOGORSK	5109N	08212E	355		975.9	1018.9	6.0		5.9		10	54			200	
36064 YAJLJU	5146N	08736E	480		962.0	1019.8	6.1		6.1		12	62			178	
36096 KYZYL	5143N	09430E	628		942.8	1017.5	7.6		4.3		1	3		3	252	100
36229 UST'-KOKSA	5017N	08537E	978		905.0	1018.5	6.0		5.7		3	11			183	
36259 KOSH-AGACH	5001N	08841E	1759		821.3	1482 Y	3.3		4.5		2	5			258	
36307 ERZIN	5016N	09507E	1101		891.6	1487 Y	3.0		4.4		1	2		0		
KAZAKHSTAN																
28679 PETROPAVLOVSK	5450N	06909E	142		995.7	1013.2	3.5	.0	5.5	-1	6	33	14	5	169	72
28766 BLAGOVESHCHENKA	5422N	06658E	151		993.9	1012.5	3.9		5.2		5	28		5		
28879 KOKSHETAY	5317N	06923E	229		986.0	1014.1	4.5	.5	5.3	-1	4	17	0	4	218	96
28952 KOSTANAY	5313N	06337E	170		994.4	1013.5	4.4	-.9	5.5	-4	10	33	10		240	96
28966 RUZAEVKA	5249N	06658E	227		986.0	1013.9	4.1		5.5		8	39				
29807 IRTYSHSK	5321N	07527E	94		1004.5	1016.0	6.1	2.0	5.9	.3	8	14	0			
35067 ESIL'	5153N	06620E	221		987.6	1014.6	4.9		5.5		10	33		5		
35078 ATBASAR	5149N	06822E	304		978.3	1015.4	4.3	.4	5.4	-5	10	28	7	4	174	74
35108 URALSK	5115N	05117E	37		1010.0	1014.5	5.6	-2.1	4.9	-1.8	6	44	25	5	236	104
35188 ASTANA	5108N	07122E	350		974.3	1016.6	5.9	1.0	5.5	-2	4	11	-11	2	191	80
35217 DZHAMBETY	5015N	05234E	32		1011.0	1014.9	5.9		5.6		4	15				
35229 AKTOBE	5017N	05709E	219		987.8	1014.6	4.8	-2.0	5.5	-8	9	54	29	6	188	79
35394 KARAGANDA	4948N	07309E	553		951.8	1018.0	5.5	.2	5.3	-1	8	43	21		233	101
35406 TAIPAK	4903N	05152E	2		1015.2	1015.4	7.2	-2.4	5.1	-1.8	5	16	-1		262	107
35416 UIL	4904N	05441E	128		1003.7	1015.4	6.4	-2.2	5.2	-1.3	5	26	6	1	253	105
35426 TEMIR	4909N	05707E	234		986.7	1015.3	5.4		5.6		9	50		5		
35671 ZHEZKAZGAN	4748N	06743E	346		975.4	1017.1	7.3		5.9		4	12			253	
35700 ATYRAU	4707N	05155E	-22		1019.2	1016.9	8.1	-3.0	6.0	-1.1	6	21	9		273	111
35746 ARALSKOE MORE	4647N	06139E	62		1008.6	1016.4	9.0	-.9	6.5	.1	5	23	7	4	256	98
35796 BALHASH	4648N	07505E	350		976.2	1018.2	8.7	.9	6.8	1.0	6	15	5		235	85
35849 KAZALINSK	4546N	06207E	68		1009.0	1017.3	9.4	-1.7	6.1	-6	3	15	-3	3	257	101
35925 SAM	4524N	05607E	88		1006.7	1017.6	8.8	-2.4	6.2	-6	4	16	1			
35953 DZHUSALY	4530N	06405E	103		1005.0	1017.5	9.5		5.5		3	14		3		
36003 PAVLODAR	5218N	07656E	122		1002.2	1017.2	6.5		5.5		6	39		6	252	20
36177 SEMIPALATINSK	5025N	08018E	196		994.6	1018.4	7.8	2.1	6.2	.7	5	15	-2	3	222	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.
36208 LENINOGORSK	5020N	08333E	811		923.3	1018.4	5.4	2.4	5.5	.9	9	65	20	4		
36428 BOL'SHE NARYMSKOE	4912N	08431E	401		970.2	1018.7	6.8		7.1		8	25			195	80
36535 KOKPEKTY	4845N	08222E	512		957.8	1018.9	6.7	2.5	6.2	.9	4	12	-3		187	75
36859 ZHARKENT	4410N	08004E	645		941.2	1015.5	13.2	.3	8.4	1.3	8	67	48		186	77
36870 ALMATY	4314N	07656E	851		920.0	1017.6	10.8	-.3	8.8	1.1	15	222	118	6	147	76
38001 FORT SHEVCHENKO	4433N	05015E	-25		1021.1	1018.2	9.2	-2.1	7.6	-.9	3	10	-6			
38062 KYZYLORDA	4451N	06530E	130		1001.7	1017.7	10.9	-1.6	5.6	-1.7	7	38	19	5		
38069 CHILI	4410N	06645E	153		999.1	1017.6	11.2		6.7		5	19		3		
38198 TURKESTAN	4316N	06813E	207		991.9	1016.8	12.1	-2.4	9.0	.8	5	43	12			
38328 SHYMKENT	4219N	06942E	604		945.8	1017.0	11.0		9.2		11	121		5	148	
38334 AUL TURARA RYSKULOVA	4229N	07018E	808		923.6	1017.0	9.9		8.7		13	104		3		
38341 ZHAMBYL	4251N	07123E	655		941.4	1017.5	10.0		9.2		9	50		3	146	
38343 KULAN	4257N	07245E	683		936.2	1017.8	10.1		8.7		12	103		5		
38439 CHARDARA	4122N	06800E	275		984.3	1017.0	12.6		10.4		9	72				
TAJIKISTAN																
38836 DUSHANBE	3833N	06847E	800		924.7	1015.9	13.2	-2.2	9.9	-5	18	210	105			
TURKMENISTAN																
38388 EKEZHE	4102N	05746E	62		1010.6	1017.4	12.7		7.4		6	22			215	
38507 TURKMENBASHI	4003N	05300E	82		1007.7	1017.9	10.8	-2.6	8.6	-4	6	20	4		161	71
38511 CHAGYL	4047N	05520E	115		1003.7	1017.6	11.8		8.8		6	47			198	
38545 DARGANATA	4028N	06217E	142		999.7	1016.8	12.9		7.7		7	27			165	80
38656 ERBENT	3919N	05836E	87		1006.4	1017.1	14.0	-3.3	9.4	1.0	7	59	37			
38687 CHARDZHEV	3905N	06336E	190		993.8	1016.7	14.4	-3.0	10.0	-2	9	37	14		172	71
38750 ESENGYLY	3728N	05338E	-22		1020.5	1017.8	13.6	-1.3	11.2	-6	5	30	12		168	82
38763 GYZYLARBAT	3859N	05617E	92		1006.4	1016.7	14.6	-1.9	10.8	.6	9	98	73		172	76
38880 ASHGABAT KESHI	3755N	05808E	312		992.3	1017.7	13.3	-3.6	10.9	.2	11	90	46			
38895 BAJRAMALY	3736N	06211E	240		988.8	1016.8	14.9	-3.1	10.9	1.0	8	58	31		169	78
38974 SARAGT	3632N	06113E	275		983.7	1016.3	14.8	-2.8	11.3	.8	2	64	29		163	77
UZBEKISTAN																
38178 AK-BAJTAL	4309N	06420E	234		989.5	1017.5	11.2	-2.7	8.2	.7	3	10	-12	2	196	80
38262 CHIMBAJ	4257N	05949E	66		1010.3	1018.4	10.9	-2.0	5.9	-2.4	3	13	-9	3	227	103
38396 URGENCH	4134N	06034E	101		1005.3	1017.5	11.0		6.9		2	9		3		
38403 BUZAUBAJ	4145N	06228E	98		1005.8	1017.6	11.3		6.7		1	5		2		
38413 TAMDY	4144N	06437E	237		989.2	1017.1	12.4	-2.9	9.0	1.1	1	20	-3			
38457 TASHKENT	4116N	06916E	488		959.2	1015.1	12.1	-3.3	9.0	-.9	6	20	-44	2	185	86
38611 NAMANGAN	4059N	07135E	474		961.2	1016.1	14.8		13.0		5	10		2	215	100
38618 FERGANA	4022N	07145E	577		947.6	1014.1	13.5	-2.5	10.8	.3	5	16	-4	2	188	92
38683 BUHARA	3943N	06437E	226		991.6	1016.6	13.7		8.7		9	31		4		
38696 SAMARKAND	3934N	06657E	724		932.3	1015.6	12.2	-2.3	10.7	.7	14	100	37	5	173	79
38812 KARSHI	3848N	06543E	376		971.5	1015.6	13.6		11.8		18	60		5		
38927 TERMEZ	3714N	06716E	310		978.9	1015.3	15.9	-2.7	11.6	.1	10	49	23	5	192	78

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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.
SAUDI ARABIA																
40356 TURAIF	3141N	03844E	855		915.5	1480 Y	18.2		6.7		0	T				199
40357 ARAR	3054N	04108E	555		948.9	1010.4	22.0		9.2		2	3				
40360 GURIAT	3124N	03717E	509		953.5	1006.1	20.1		10.2		0	T				
40361 AL-JOUF	2947N	04006E	689		935.8	1010.0	22.9		5.9		0	0				
40362 RAFHA	2937N	04329E	449		961.5	1012.5	18.1		9.8		2	3				177
40373 AL-QAISUMAH	2819N	04608E	358		969.4	1009.7	24.7		10.4		0	0				
40375 TABUK	2823N	03636E	778		925.0	1009.4	23.0		5.1		0	0				279
40377 HAFR AL-BATIN	2755N	04531E	414		964.0	1010.6	24.3		12.8		2	14				
40394 HAIL	2726N	04141E	1015		900.6	1498 Y	23.0		6.5		0	0				268
40400 AL-WEJH	2612N	03629E	24		1007.0	1009.8	24.3		19.2		0	0				286
40405 GASSIM	2618N	04346E	648		937.9	1009.2	25.7		11.9		3	10				
40410 KHAYBER	2540N	03918E	754		924.7	1006.1	31.1		20.9							
40416 DHAHRAN	2616N	05010E	26		1007.2	1009.1	26.8	1.8	18.6	7.1	4	21	10			
40417 K.F.I.A. (KING FAHAD INT. AI	2627N	04949E	22		1009.1	1010.6	25.7		12.9		5	27				
40420 AL-AHSA	2518N	04929E	179		990.2	1010.3	27.0		12.9		2	23				
40430 AL-MADINAH	2433N	03942E	654		937.1	1005.9	29.8	2.2	5.8	-4	0	0	-11			284
40437 KING KHALED INT. AIRPORT	2456N	04643E	614		942.2	1009.9	26.0		8.8		3	23				182
40438 RIYADH OBS. (O.A.P.)	2442N	04644E	635		932.2	1010.4	27.0	1.3	10.0	.6	3	23	-6			178
40439 YENBO	2408N	03804E	10		1006.7	1007.7	27.4		14.9		0	0				
41024 JEDDAH (KING ABDUL AZIZ INT.	2142N	03911E	17		1007.0	1008.9	27.9	.3	19.9	-4	0	0	-5			288
41030 MAKKAH	2126N	03946E	240		980.9	1007.3	31.9		17.1		0	0				
41036 AL-TAIF	2129N	04033E	1478		855.0	1498 Y	23.9	2.1	11.0	2.6	1	53	52	2		292
41055 AL-BAHA	2018N	04139E	1672		835.8	1498 Y	23.9		11.4		1	5		1		310
41084 BISHA	1959N	04238E	1167		883.7	1498 Y	27.7		11.7		01	1				293
41112 ABHA	1814N	04239E	2093		794.2	1503 Y	17.9		12.7		1	2				303
41114 KHAMIS MUSHAIT	1818N	04248E	2066		797.4	1500 Y	18.7		11.7		0	0				312
41128 NAJRAN	1737N	04425E	1214		879.3	1503 Y	28.8		7.8		2	9				285
41136 SHARORAH	1728N	04706E	725		928.6	1006.4	30.6		12.0		1	7				291
41140 GIZAN	1653N	04235E	7		1008.8	1009.6	29.5		26.5		1	16				
IRAN, ISLAMIC REPUBLIC OF																
40706 TABRIZ	3805N	04617E	1367		861.2	1013.3	10.5	-4	6.6	-5	8	27	-26			187
40712 ORUMIEH	3732N	04505E	1316		865.7	1012.4	10.2	-3	7.1	-3	6	23	-35			214
40745 MASHHAD	3616N	05938E	999		902.1	1015.3	12.1	-2.0	10.3	.7	14	80	32			146
40754 TEHRAN-MEHRABAD	3541N	05119E	1204		879.8	1011.7	14.3	-2.1	7.5	.8	11	52	25			184
40766 KERMANSHAH	3416N	04707E	1322		868.0	1013.6	11.9	-8	8.8	1.0	10	57	-12			189
40800 ESFAHAN	3228N	05140E	1550		843.2	1010.0	15.3	-4	6.6	.2	6	31	12			241
40841 KERMAN	3015N	05658E	1754		824.3	1009.5	15.6	-1.6	7.3	1.3	5	17	-2			207
40848 SHIRAZ	2932N	05232E	1481		851.3	1011.1	16.8	.6	9.4	1.6	6	23	-7			238
BAHRAIN																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		1010.6	1010.8	25.6	.3	17.7	-2.4	3	10	0	4		224

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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.
QATAR 41170 DOHA INTERNATIONAL AIRPORT	2515N	05134E	11		1010.5	1011.4	26.5	.8	17.4	.5	2	16	8		259	95
UNITED ARAB EMIRATES 41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		1007.6	1010.4	27.5	1.4	14.6	-2.8	1	7	0	5	294	99
OMAN 41256 SEEB, INT'L AIRPORT	2335N	05817E	15		1009.6	1010.6	27.9		18.8		2	9				
41268 SUR	2232N	05928E	14		1009.3	1011.0	29.0		15.4		4	21				
41288 MASIRAH	2040N	05854E	19		1009.8	1012.0	28.0		23.8		0	T				
41314 THUMRAIT	1740N	05401E	467		960.4	1013.7	28.1		11.9		0	0		5		
PAKISTAN 41515 DROSH	3534N	07147E	1465			1504 Y	15.2	-1.3	8.1		13	100	-16	3		
41530 PESHAWAR	3401N	07135E	360		968.7	1009.5	22.7	-.5	16.0		11	189	141	6		
41571 ISLAMABAD AIRPORT	3337N	07306E	508			1009.0	22.4	-.2	14.6		7	89	28	4		
41598 JHELUM	3256N	07343E	234		981.0	1007.6	26.0	.6	12.9		4	31	-5	4		
41600 SIALKOT	3230N	07432E	256		978.3	1006.6	26.7	1.7	13.6		4	22	-8	3		
41620 ZHOB	3121N	06928E	1407		858.1	1485 Y	19.6	-.3	7.4		8	48	19	4		
41624 DERA ISMAIL KHAN	3149N	07055E	173		988.0	1007.5	26.1	.1	16.0		3	21	0	3		
41640 LAHORE CITY	3133N	07420E	215		983.0	1007.0	28.1	1.3	14.1		3	19	0	4		
41660 QUETTA AIRPORT	3015N	06653E	1589		841.8	1507 Y	17.3	.7	9.9		8	86	58	5		
41675 MULTAN	3012N	07126E	123		993.6	1008.0	27.6	.1	15.7		4	7	-5	3		
41685 BARKHAN	2953N	06943E	1098			1480 Y	22.8	-.7	10.9		3	12	-20	2		
41710 NOKKUNDI	2849N	06245E	683		933.9	1008.1	26.6	.4	8.3		3	7	4	5		
41712 DAL BANDIN	2853N	06424E	850		916.4	1493 Y	25.3	1.2	7.9		3	9	2	4		
41715 JACOBABAD	2818N	06828E	56		1000.6	1007.0	31.1	.9	14.3		1	1	-1	3		
41718 KHANPUR	2839N	07041E	88		996.8	1006.8	28.6	.9	16.0		1	3	1	4		
41739 PANJGUR	2658N	06406E	981		902.1	1494 Y	24.4	.7	6.6							
41744 KHUZDAR	2750N	06638E	1232		874.5	1477 Y	23.0	-.2	7.9		2	4	-8	2		
41749 NAWABSHAH	2615N	06822E	38		1003.8	1007.2	31.1	1.6	16.7		1	1	-2	4		
41756 JIWANI	2504N	06148E	57		1003.1	1009.4	27.3	.5	21.9		2	10	4	5		
41759 PASNI	2516N	06329E	6		1008.8	1009.4	27.4		20.6		0	0	-4	4		
41768 CHHOR	2531N	06947E	6		1006.7	1007.3	31.2	1.6	18.9		0	0	-3	5		
41780 KARACHI AIRPORT	2454N	06708E	22		1006.5	1008.9	29.9	1.6	19.2		0	0	-4	4		
INDIA 42027 SRINAGAR	3405N	07450E	1587		841.8	1502 Y	14.2	.0	9.7		9	86	1	3	146	
42071 AMRITSAR	3138N	07452E	234		981.3	1006.8	25.8	.7	16.5		3	0028	-001	4	252	95
42147 MUKTESHWAR KUMAON	2928N	07939E	2311				16.9	1.5	6.5		3	37	-3	4		
42165 BIKANER	2800N	07318E	224		981.1	1005.8	30.7	.5	9.9		0	0	-7	2		
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216		981.6	1005.4	29.7	.9	13.3		1	3	-18	3	254	97

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
42314 DIBRUGARH /MOHANBARI	2729N	09501E	111		995.3	1007.9	24.4	1.4	22.4		17	166	-81	1	138	
42339 JODHPUR	2618N	07301E	224		982.3	1006.6	30.8		8.4		0	0		3		
42404 DHUBRI	2601N	08959E	36		1003.1	1007.1	26.8		26.3		8	147		3		
42410 GUWAHATI	2606N	09135E	54		1000.5	1006.5	26.9	1.6	24.1		9	66	-115	1	189	95
42452 KOTA AERODROME	2509N	07551E	274		976.3	1006.1	32.7	1.0	6.5		1	1	-3	4		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98		994.4	1005.1	32.0	1.3	16.1		0	0	-6	2	274	100
42515 CHERRAPUNJI	2515N	09144E	1313		867.2	1485 Y	19.6	1.5	18.5		17	636	-302	2		
42587 DALTONGANJ	2403N	08404E	221		979.8	1004.9	31.6	1.4	13.9		0	0	-20	2		
42619 SILCHAR	2445N	09248E	29		1004.0	1007.3	27.4		29.2		16	281		3		
42647 AHMADABAD	2304N	07238E	55		1001.4	1007.5	32.3	.6	12.1		0	0	-3	4	295	99
42671 SAGAR	2351N	07845E	551		946.3	1005.5	31.2	.6	11.5		01	1	-1	4		
42731 DWARKA	2222N	06905E	11		1007.7	1009.0	27.9	.4	28.6		0	0	0			
42754 INDORE	2243N	07548E	567		944.7	1005.5	30.5	.5	8.2		0	0	-3	3	293	96
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1004.8	1005.5	32.5	2.3	29.1		0	0	-6	0	229	97
42867 NAGPUR SONEGAON	2106N	07903E	310		971.1	1004.7	33.5	1.0	15.1		01	1	-7	2	292	101
42909 VERAVAL	2054N	07022E	8		1007.5	1008.3	29.7	2.7	27.3		0	0	-1	5		
42933 AKOLA	2042N	07702E	282		974.5	1005.1	33.7	.7	13.5		0	0	-2	3		
42971 BHUBANESHWAR	2015N	08550E	46		1000.3	1005.9	31.9	1.0	29.9		0	T	-26	1	219	92
43041 JAGDALPUR	1905N	08202E	553		945.9	1005.1	30.9	.9	21.9		1	6	-38	1		
43057 BOMBAY / COLABA	1854N	07249E	11		1006.5	1007.7	29.4	.7	30.5						217	77
43063 PUNE	1832N	07351E	559		945.7		30.2	1.4	14.7		0	T	-11	2	273	90
43128 HYDERABAD AIRPORT	1727N	07828E	545		947.1	1005.4	31.7	.2	17.5		2	23	6	4	247	90
43150 CWC VISHAKHAPATNAM/WALTAIR	1742N	08318E	66		1000.0	1007.3	29.5		31.3		0	0			218	85
43185 MACHILIPATNAM/FRANCHPET	1612N	08109E	3		1006.5	1006.9	30.9	.7	32.0		0	0	-9	3	263	
43192 GOA/PANJIM	1529N	07349E	60				30.2	.9	31.3		0	0	-5	2	250	87
43198 BELGAUM/SAMBRE	1551N	07437E	758		925.8	1006.2	28.3	.0	20.5		3	23	-24	2		
43279 CHENNAI/MINAMBAKKAM	1300N	08011E	16		1006.0	1007.7	31.4	.5	30.4		0	0	-12	2	253	87
43284 BAJPE	1255N	07453E	102		996.4	1007.7	30.1		30.5		1	4			190	70
43295 BANGALORE	1258N	07735E	921		907.5	1497 Y	28.3	.3	17.9		4	50	18	4	187	73
43314 KOZHIKODE	1115N	07547E	5		1007.8	1008.4	31.3	1.7	32.9		5	17	-67	1		
43333 PORT BLAIR	1140N	09243E	79		1000.4	1009.2	29.0	1.1	31.1		12	157	87	5	203	84
43363 PAMBAN	0916N	07918E	11		1006.4	1007.6	30.4	-1	34.0		3	113	74	5		
43369 MINICOY	0818N	07309E	2		1008.6	1008.8	30.2	.9	31.9		3	34	-26	2	209	82
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1001.3	1008.4	29.8	.7	30.8		3	29	-96	1	157	73
SRI LANKA																
43424 PUTTALAM	0802N	07950E	2		1007.3	1007.6	28.6	-2	33.2	2.7	10	195	19			
43441 KURUNEGALA	0728N	08022E	116		994.9	1007.7	28.3	-3	28.9	-4	11	160	-102			
43466 COLOMBO	0654N	07952E	7		1006.9	1008.1	28.6	.4	31.7	1.0	15	359	106		224	96
43473 NUWARA ELIYA	0658N	08046E	1880		812.6		16.6	-5	15.5	-2	13	62	-89			
43497 HAMBANTOTA	0607N	08108E	20		1006.1	1007.8	29.0	.9	32.9	2.7	4	26	-69			
NEPAL																
44454 KATHMANDU AIRPORT	2742N	08522E	1337		863.1	1470 Y	22.3		16.6		4	21			234	
44477 DHANKUTA	2659N	08721E	1210		878.4	1496 Y	22.4		16.7		6	38			239	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.
HONG KONG, CHINA 45004 KOWLOON	2219N	11410E	66		1004.9	1012.6	21.7	-8	19.6	-2.6	9	110	-50	2	119	110
MACAO, CHINA 45011 TAIPA GRANDE	2210N	11330E	114		999.2	1012.4	21.2		19.0		8	176		4	102	115
DPR KOREA																
47014 CHUNGGANG	4147N	12650E	331		975.6	1014.9	8.4	1.4	7.9		8	42	-1	3	159	85
47016 HYESAN	4124N	12810E	715		931.7	1017.0	6.7	1.6	4.9		3	16	-12	1	167	75
47025 KIMCHAEK	4040N	12910E	23		1009.5	1012.3	9.2	2.2	8.1		5	77	40	3	244	110
47035 SINUIJU	4006N	12420E	7		1014.5	1015.4	10.1	1.2	8.1		7	113	63	6	196	85
47055 WONSAN	3911N	12720E	36		1010.5	1014.9	12.0	2.2	7.8		6	174	105	2	210	90
47058 PYONGYANG	3902N	12540E	36		1011.6	1016.2	11.2	1.4	8.3		7	72	19	4	176	75
47069 HAEJU	3802N	12540E	81		1005.5	1015.2	11.5	1.6	9.0		4	61	-6	3	218	100
REPUBLIC OF KOREA																
47101 CHUNCHEON	3754N	12740E	78		1005.9	1015.1	11.6	.3	7.3	-7	6	62	-12	3	206	94
47105 GANGNEUNG	3745N	12850E	26		1011.0	1014.1	13.1	1.1	7.1	-1.2	7	56	-21	2	231	114
47108 SEOUL	3734N	12650E	86		1004.9	1015.2	12.7	.9	7.5	-1.0	5	67	-26	3	205	100
47115 ULLEUNGDO	3729N	13050E	221		987.6	1013.7	11.7	1.4	8.4	-5	7	123	42	5	229	117
47133 DAEJEON	3622N	12720E	72		1007.5	1015.0	12.7	.5	7.1	-1.9	5	35	-62	1	221	102
47138 POHANG	3602N	12920E	4		1014.4	1014.5	14.4	1.7	8.7	-5	4	26	-56	1	242	124
47159 BUSAN	3506N	12900E	70		1006.8	1015.0	14.3	1.4	9.4	-7	7	96	-52	2	235	120
47165 MOKPO	3449N	12620E	39		1011.7	1016.3	12.0	-1	10.1	-5	4	48	-47	2	236	125
47168 YEOSU	3444N	12740E	67		1007.6	1016.4	13.7	1.0	8.7	-1.4	5	107	-35	2	252	123
47184 JEJU	3331N	12630E	23		1014.2	1016.6	13.7	.4	9.0	-2.4	5	94	-3	3	219	116
JAPAN																
47401 WAKKANAI	4525N	14140E	12		1010.2	1011.6	4.5	.1	6.2	.0	6	34	-21	2	225	129
47407 ASAHIKAWA	4345N	14220E	140		995.3	1012.5	5.6	.6	5.2	-7	6	31	-25	1	220	129
47409 ABASHIRI	4401N	14410E	44		1007.0	1012.3	4.8	.7	5.2	-5	6	60	10	4	204	115
47412 SAPPORO	4304N	14120E	26		1009.2	1012.4	7.7	1.3	5.9	-3	7	58	-4	3	224	122
47418 KUSHIRO	4259N	14420E	40		1007.7	1012.6	4.1	.7	6.0	-2	6	127	44	5	207	115
47420 NEMURO	4320N	14530E	39		1007.7	1012.5	3.7	.6	5.6	-5	6	85	1	3	209	118
47421 SUTTSU	4248N	14010E	38		1008.5	1012.8	6.6	.8	6.2	-5	5	63	-3	3	192	108
47426 URAKAWA	4210N	14240E	37		1008.2	1012.8	5.3	.5	7.0	.3	6	115	26	5	222	118
47430 HAKODATE	4149N	14040E	44		1007.7	1013.1	7.4	.8	6.3	-7	5	114	37	5	230	124
47570 WAKAMATSU	3729N	13950E	217		988.5	1014.5	10.3	.5	8.3	.0	11	81	17	4	183	103
47575 AOMORI	4049N	14040E	4		1012.7	1013.2	9.0	1.4	6.9	-3	7	114	47	5	211	112
47582 AKITA	3943N	14000E	22		1011.2	1013.9	9.6	.5	8.5	.4	11	110	-24	3	181	101
47590 SENDAI	3816N	14050E	44		1008.2	1013.5	11.5	1.5	8.4	.3	11	181	88	5	202	107
47600 WAJIMA	3724N	13650E	15		1012.6	1014.4	11.3	.8	9.2	-1	9	80	-50	1	201	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.
47605 KANAZAWA	3635N	13630E	34		1010.6	1014.7	12.5	.4	8.8	-9	9	114	-33	2	218	129
47624 MAEBASHI	3624N	13900E	114		999.6	1013.2	14.1	1.5	7.8	-1.1	7	93	16	3	244	137
47636 NAGOYA	3510N	13650E	56		1007.2	1013.9	15.4	1.6	8.9	-1.5	5	126	-24	2	253	144
47648 CHOSHI	3544N	14050E	28		1009.8	1013.2	14.7	1.7	12.4	.9	9	141	13	4	222	135
47655 OMAEZAKI	3436N	13810E	47		1007.6	1013.2	14.8	.6	11.9	-6	7	250	60	4	255	145
47662 TOKYO	3541N	13940E	36		1008.7	1013.0	15.7	1.6	9.5	-8	7	163	38	4	227	142
47675 OSHIMA	3445N	13920E	80		1003.6	1013.1	14.8	1.9	12.2	.3	6	145	-102	1	213	144
47678 HACHIOJIMA	3307N	13940E	156		995.3	1013.7	15.8	-4	13.2	-1.0	7	157	-81	2	182	128
47740 SAIGO	3612N	13320E	32		1010.8	1014.6	12.5	1.0	9.8	-3	7	73	-42	1	213	108
47741 MATSUE	3527N	13300E	23		1012.2	1014.9	13.4	.9	10.3	-5	7	127	3	3	222	123
47746 TOTTORI	3529N	13410E	16		1013.0	1014.9	13.3	.6	9.6	-7	7	98	-22	3	218	128
47750 MAIZURU	3527N	13510E	23		1012.3	1015.0	12.7	.4	10.3	.1	6	147	33	4	193	116
47772 OSAKA	3441N	13530E	83		1004.6	1014.4	15.5	.9	9.6	-9	7	99	-34	2	225	129
47778 SHIONOMISAKI	3327N	13540E	76		1005.0	1013.9	15.8	.5	11.9	-9	4	207	-40	3	236	136
47800 IZUHARA	3412N	12910E	19		1013.2	1015.5	14.2	.9	10.8	-4	8	151	-58	2	219	137
47807 FUKUOKA	3335N	13020E	15		1013.6	1015.4	15.6	1.0	10.1	-1.6	10	100	-26	2	224	136
47815 OITA	3314N	13130E	13		1013.5	1015.1	15.1	1.1	10.1	-1.6	5	62	-70	1	230	136
47817 NAGASAKI	3244N	12950E	36		1011.3	1015.6	15.6	.4	11.0	-1.5	6	103	-71	1	227	141
47827 KAGOSHIMA	3133N	13030E	32		1011.5	1015.3	16.9	.5	12.0	-1.9	8	160	-69	2	208	140
47830 MIYAZAKI	3156N	13120E	15		1013.1	1014.9	16.1	.1	12.2	-1.7	8	148	-72	1	238	149
47843 FUKUE	3242N	12850E	27		1012.6	1015.8	15.0	.5	11.7	-1.2	8	276	18	4	210	135
47887 MATSUYAMA	3351N	13240E	34		1010.9	1014.9	15.2	1.1	9.3	-1.6	4	55	-68	1	235	132
47891 TAKAMATSU	3419N	13400E	14		1013.0	1014.7	15.6	2.1	9.3	-1.6	5	45	-53	1	239	128
47909 NAZE	2823N	12930E	8		1014.4	1015.3	19.1	-9	15.4	-2.2	12	192	-22	2	118	103
47918 ISHIGAKIJIMA	2420N	12410E	11		1012.4	1014.2	22.1	-9	19.5	-3.4	10	159	7	4	86	61
47927 MIYAKOJIMA	2448N	12510E	42		1009.6	1014.5	21.2	-9	19.1	-2.9	12	206	34	4	102	70
47936 NAHA	2612N	12740E	28		1009.0	1014.9	20.5	-6	17.1	-2.8	13	133	-19	2	133	90
47945 MINAMIDAITOJIMA	2550N	13110E	21		1012.2	1014.7	20.2	-1.2	17.9	-2.8	14	243	140	5	125	73
47971 CHICHIJIMA	2706N	14210E	8		1013.2	1014.2	20.6	-3	19.3	-6	14	226	137	5	96	60
47991 MINAMITORISHIMA	2417N	15350E	9		1015.0	1016.0	25.2	1.4	26.0	2.6	5	9	-57		268	113
THAILAND																
48327 CHIANG MAI	1847N	09859E	314		972.8	1007.6	29.6	.9	25.3	2.2	7	98	48	5	266	98
48354 UDON THANI	1723N	10240E	178		987.1	1007.1	29.6	.3	26.2	-2	6	69	-14	3		
48378 PHITSANULOK	1647N	10010E	46		1002.4	1007.6	30.3	-3	28.9	1.7	3	24	-27	2	255	93
48400 NAKHON SAWAN	1548N	10010E	35		1003.4	1007.4	30.5	-1.3	30.2	1.9	5	58	-3	3	231	86
48455 BANGKOK	1344N	10030E	4		1007.7	1008.2	30.3	.6	30.9	-4	11	360	295	6	226	88
48462 ARANYAPRATHET	1342N	10230E	49		1002.8	1008.4	29.8	.1	30.4	1.4	10	232	135	5		
48480 CHANTHA BURI	1237N	10200E	4		1008.0	1008.4	28.8	.8	31.3	1.1	15	186	75	6	177	73
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1007.8	1008.4	29.3	.6	30.4	.0	8	113	72	5		
48517 CHUMPHON	1029N	09911E	6		1008.4	1009.1	28.5	.0	30.6	.4	10	187	113	5		
48568 SONGKHLA	0712N	10030E	7		1008.0	1008.8	28.6	-4	30.6	.3	10	166	96	5	239	90
VIET NAM																
48806 SON LA	2120N	10350E	676		933.6	1009.2	23.0		21.0		11	115		2	200	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.
48808 CAO BANG	2240N	10610E	244		982.1	1010.1	22.8		22.9		10	126		5	123	110
48820 HA NOI	2102N	10540E	6		1008.8	1009.6	24.7		25.5		8	74		2	85	90
48826 PHU LIEN	2048N	10630E	116		996.8	1010.3	23.1		26.1		12	201		5	82	90
48830 LANG SON	2150N	10640E	263		979.8	1010.1	22.5		22.5		10	89		3	103	100
48840 THANH HOA	1945N	10540E	5		1008.7	1009.3	24.1		25.9		8	86		4	93	85
48845 VINH	1840N	10540E	6		1008.7	1009.4	25.0		26.9		9	85		4	96	70
48848 DONG HOI	1729N	10630E	8		1008.5	1009.3	25.6		27.2		9	251		6	122	75
48852 HUE	1626N	10730E	10		1008.3	1009.3	25.5		28.6		12	149			127	70
48855 DA NANG	1604N	10820E	7		1008.4	1009.2	26.9		28.5		11	180			163	80
48870 QUY NHON	1346N	10910E	6		1008.0	1008.7	27.9		30.4		7	184		3	220	85
48877 NHA TRANG	1213N	10910E	4		1007.9	1008.4	27.5		30.4		11	203			193	75
48887 PHAN THIET	1056N	10800E	8		1007.7	1008.3	28.6		31.7		5	134		6	232	
48914 CA MAU	0911N	10500E	2		1008.3	1008.5	28.9		31.8		11	201			184	80
48917 PHU QUOC	1013N	10350E	4		1008.5	1009.1	28.0		32.2		9	177			129	
LAO PDR																
48930 LUANG-PRABANG	1953N	10200E	305		973.8	1008.2	26.8	-1	25.0	-5	11	112	5	3	180	87
48938 SAYABOURY	1914N	10140E	326		973.8	1006.6	27.3		25.8		12	151		4		
48940 VIENTIANE	1757N	10230E	171		988.2	1007.4	28.8	.3	27.6	1.4	7	223	139	5	243	108
48946 THAKHEK	1723N	10430E	152		990.6	1007.6	29.7		26.9						221	
48947 SAVANNAKHET	1633N	10430E	145		991.5	1007.8	28.8	-2	28.3	2.3	8	165	80	4	213	
48948 SENO	1640N	10500E	185		987.8	1008.7	27.8		29.2		4	52		3	209	
48955 PAKSE	1507N	10510E	102		997.5	1007.2	30.0	.7	27.6	.6	7	124	49	4	209	95
CHINA																
50527 HAILAR	4913N	11940E	611		941.2	1014.0	6.0	4.3	3.8	.2	1	6	-5	2	252	100
50745 QIQIHAR	4723N	12350E	148		994.7	1012.8	9.4	3.3	4.0	-1	2	12	-3	3	278	113
51076 ALTAY	4744N	08805E	737		930.5	1016.1	11.1	3.6	6.0	1.4	4	9	-1	2	274	97
51431 YINING	4357N	08120E	664		939.2	1016.3	12.9	.4	8.2	.6	7	56	29	5	226	93
51463 WU LU MU QI	4348N	08739E	947		909.7	1016.4	13.0		6.4		6	65		5	288	115
51709 KASHI	3928N	07559E	1291		867.0	1007.2	17.9	2.4	4.7	-1.5	0	T	-5	2	242	116
51777 RUOQIANG	3902N	08810E	889		908.3	1007.3	18.0	2.7	4.0	-2	0	T	-1	3	213	87
51828 HOTAN	3708N	07956E	1375		857.2	1005.3	18.7	2.3	4.4	-7	0	T	-2	3	208	107
52203 HAMI	4249N	09331E	739		925.7	1009.1	17.5	4.3	4.0	.0	1	2	0	4	321	111
52533 JIUQUAN	3946N	09829E	1478		849.2	1011.2	12.7	3.4	4.0	.2	0	T	-4	1	284	109
52836 DOULAN	3618N	09806E	3190		688.9		7.3	3.2	2.3	-2	2	4	-6	2	272	99
53068 ERENHOT	4339N	11200E	966		903.2	1013.8	10.4	4.3	4.3	1.6	3	10	5	5	271	94
53614 YINCHUAN	3828N	10610E	1112		887.6	1011.7	14.5	3.8	5.5	.0	1	3	-9	0	266	106
53772 TAIYUAN	3747N	11230E	779		925.3	1014.4	14.9	3.2	6.5	.1	3	9	-14	2	256	115
54292 YANJI	4252N	12930E	178		982.1	1013.4	8.7	1.8	4.5	-6	4	44	15	5	218	100
54342 SHENYANG	4144N	12331E	43		1008.1	1014.1	11.1	1.3	6.8	.6	6	105	63	6	237	99
54511 BEIJING	3956N	11610E	55		1010.4	1014.3	15.9	2.3	7.5	.2	4	32	6	4	262	106
54857 QINGDAO	3604N	12020E	77		1007.7	1016.8	11.7	1.3	8.7	.0	4	45	9	4	243	109
55591 LHASA	2940N	09108E	3650		651.4		11.5	3.4	3.0	-4	0	T	-5	1	298	121
56137 QAMDO	3109N	09710E	3307		680.1		10.0	2.0	4.1	-3	3	8	-9	1	190	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.
56571 XICHANG	2754N	10210E	1599		836.2		18.1	-9	10.9	1.3	13	89	62	6	187	75
56739 TENGCHONG	2507N	09829E	1649		833.0		16.9	1.3	12.0	.1	8	86	11	4	231	121
56778 KUNMING	2501N	10240E	1892		808.7		17.7	1.6	11.4	1.2	5	22	-4	3	211	83
56985 MENGZI	2323N	10320E	1302		867.3	1007.5	20.8		15.1		6	69		1	191	85
57083 ZHENGZHOU	3443N	11330E	111		1002.0	1015.3	17.0	1.9	11.0	.7	2	49	1	4	191	95
57461 YICHANG	3042N	11110E	134		999.0	1014.9	17.4	.6	14.7	.2	11	137	41	5	103	80
57745 ZHIJIANG	2727N	10940E	273		981.9	1014.0	16.7	.3	14.2	-1.0	16	202	38	5	77	80
57993 GANZHOU	2552N	11500E	138		997.3	1013.6	19.9	.5	15.9	-2.3	15	146	-54	3	115	112
58362 SHANGHAI	3124N	12120E	8		1015.9	1016.7	16.3		12.0		7	75		3	191	115
58606 NANCHANG	2836N	11550E	50		1008.7	1014.4	18.7	1.7	14.3	-1.8	9	244	20	4	162	140
59287 GUANGZHOU	2310N	11320E	42		1008.0	1012.9	22.2	.3	19.7	-2.8	11	109	-72	1	80	104
59316 SHANTOU	2324N	11640E	3		1013.1	1013.6	20.6	.2	17.2	-3.2	9	127	-28	3	111	98
59431 NANNING	2238N	10810E	126		997.0	1011.3	22.2	.1	20.4	-1.5	12	114	8	4	103	106
59758 HAIKOU	2002N	11020E	24		1002.7	1010.1	24.1	-7	25.8	-6	10	212	107	5	74	42
AFRICA																
MADEIRA																
08522 FUNCHAL	3238N	01654W	58		1014.9	1021.8	17.5	1.0	12.7	-7	1	3	-36	0	226	124
SPAIN (CANARY ISLANDS)																
60001 HIERRO/AEROPUERTO	2749N	01753W	32		1016.6	1020.4	19.3		14.8		0	T			211	120
60005 LA PALMA/AEROPUERTO	2837N	01745W	31		1017.4	1021.1	19.3		14.8		2	5			140	
60010 IZANA	2819N	01630W	2371		768.9		8.2		3.5		0	0		1		
60020 STA. CRUZ DE TENERIFE	2827N	01615W	36		1015.8	1020.2	19.3	.1	13.2	-2	1	4	-11	2	257	113
60030 LAS PALMAS DE GRAN CANARIA/G	2756N	01523W	47		1012.7	1018.3	18.8	.1	12.8	-1.1	0	T	-6	2	215	96
60035 FUERTEVENTURA/AEROPUERTO	2827N	01352W	30		1015.0	1018.5	20.0		14.2		0	T		3	228	95
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1016.1	1018.6	19.9	1.3	13.6	-5	0	T	-6	1	254	102
MOROCCO																
60101 TANGER (AERODROME)	3544N	00554W	21		1015.6	1017.5	15.0	-2	12.9		9	56	-6	3	256	100
60115 OUJDA	3447N	00156W	470		962.2	1016.4	13.8	.0	9.7		6	28	-21	2	280	120
60120 KENITRA	3418N	00636W	14		1016.4	1018.1	16.0	.3	14.3		5	31	-36	2	283	105
60135 RABAT-SALE	3403N	00646W	84		1009.2	1018.1	14.5	-7	12.4		5	10	-52	1	274	70
60150 MEKNES	3353N	00532W	576		952.9	1018.0	13.7	-7	10.2		2	13	-61	1	277	110
60195 MIDELT	3241N	00444W	1515		848.2	1498 Y	12.1	.4	6.4		0	0	-31	0	328	85
60230 MARRAKECH	3137N	00802W	468		963.0	1016.8	17.2	-1	10.3		0	0	-38	0	306	120
60265 OUARZAZATE	3056N	00654W	1140		886.3	1498 Y	18.9	1.3	4.6		1	7	0	4	336	85
SPAIN (CEUTA AND MELILLA)																
60338 MELILLA	3517N	00257W	55		1009.5	1016.0	16.6	.5	12.8	-2	5	21	-26	2	290	144

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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.
ALGERIA																
60351 JJEL-ACHOUAT	3648N	00553E	10		1012.5	1014.3	15.2				18	184			199	50
60353 JJEL-PORT	3649N	00553E	6		1013.6	1014.3	15.4		13.7		19	218			183	
60355 SKIKDA	3653N	00654E	3		1013.4	1013.7	15.6	.5	12.4		10	107	47	5	186	50
60360 ANNABA	3650N	00749E	4		1013.1	1014.1	14.4	-5	12.9		14	127	77	6	210	50
60367 EL-KALA	3654N	00827E	13		1012.9	1014.5	14.4		12.4			172				
60369 ALGER-PORT	3646N	00306E	12		1014.5	1015.3	16.5		10.6		13	87		4		
60387 DELLYS	3655N	00357E	8		1013.2	1013.8	15.0		12.4		11	73			217	
60390 DAR-EL-BEIDA	3641N	00313E	29		1011.9	1015.3	14.4	-3	12.3		10	71	10	4	214	50
60395 TIZI-OUZOU	3642N	00403E	189		996.4	1014.6	14.0		12.2		17	133			197	50
60401 BEJAIA-PORT	3645N	00506E	4		1014.3	1014.8	16.2		12.4		14	92				
60402 BEJAIA-AEROPORT	3643N	00504E	3				14.6	-1	13.0		15	86	16	4	208	55
60403 GUELMA	3628N	00728E	228		987.8	1014.8	13.8		11.9		21	134			190	
60405 BOUCHEGOUF	3630N	00743E	111			1015.4	15.2		12.0		13	160				
60410 TENES	3630N	00120E	18		1015.1	1017.2	16.1		13.5		7	47			115	20
60415 AIN-BESSAM	3619N	00332E	748		928.9	1484 Y	10.7		9.6		11	90			212	55
60417 BOUIRA	3623N	00353E	560		949.7	1014.9	12.0		10.2		13	110			215	55
60419 CONSTANTINE	3617N	00637E	694		934.8	1014.9	10.9	-1.5	10.1		10	113	60	5	197	50
60421 OUM EL BOUAGHI	3552N	00707E	891		911.5	1470 Y	10.4		9.9		11	97			186	
60423 SOUK AHRAS	3617N	00758E	680		918.8	1469 Y	10.8		10.2		16	244			202	
60425 CHLEF	3613N	00120E	144		996.3	1015.7	14.5	-1.4	11.6		10	81	42	5	248	
60430 MILIANA	3618N	00214E	721		933.0	1016.1	11.9	-1.3	10.1		12	99	28	5	237	
60437 MEDEA	3617N	00244E	1036		895.1	1461 Y	9.1		9.2		13	126			205	
60444 BORDJ-BOU-ARRERIDJ	3604N	00446E	930			1484 Y	10.4		8.8		7	66			241	
60445 SETIF	3611N	00515E	1040		899.6	1482 Y	9.3		8.6		10	79			230	
60452 ARZEW	3549N	00016W	4		1015.1	1015.7	16.5		12.6		5	26			280	70
60457 MOSTAGANEM	3553N	00007E	138		998.8	1015.6	14.8		12.1		8	45			277	
60461 ORAN-PORT	3542N	00039W	22		1013.1	1015.8	16.6		12.5		3	31				
60467 M'SILA	3540N	00430E	442		963.2	1014.9	13.1		10.2		7	33			254	65
60468 BATNA	3545N	00619E	826		920.0	1480 Y	11.0	-6	8.3		7	75	44	5	215	
60471 BARIKA	3520N	00520E	461		960.9	1014.7	13.5		10.0		4	60			271	65
60475 TEBESSA	3525N	00807E	823		920.5	1480 Y	11.5	-1.1	10.0		7	112	82	6	201	50
60490 ORAN-SENIA	3538N	00036W	91		1004.9	1015.7	15.5	.1	11.7		5	38	-5	4	289	95
60511 TIARET	3521N	00128E	978		904.1	1484 Y	9.3		8.9		9	80			258	65
60514 KSAR CHELLALA	3510N	00219E	801		925.0	1499 Y	11.6		9.3		6	48			259	65
60515 BOU-SAADA	3520N	00412E	461		962.9	1016.4	15.3		9.8		5	54			251	
60517 GHAZAOUET	3506N	00152W	5		1016.3	1016.8	16.2		12.6		6	39				
60518 BENI-SAF	3518N	00121W	70		1006.2	1014.5	16.3		12.9		4	35			296	75
60520 SIDI-BEL-ABBES	3512N	00037W	476		959.0	1015.9	12.4		10.0		7	55			295	
60522 MAGHNIA	3449N	00147W	428		966.6	1016.7	13.9		9.8		3	18			293	
60525 BISKRA	3448N	00544E	89		1003.5	1014.0	18.5	-1.4	8.9		5	12	2	3	294	
60531 TLEMCEN-ZENATA	3501N	00128W	247			1016.9	13.8		11.5		5	39			262	65
60535 DJELFA	3420N	00323E	1185		881.1	1481 Y	9.3	-2.6	8.2		7	55	25	5	269	70
60536 SAIDA	3452N	00009E	752		929.4	1490 Y	11.6		9.7		8	80			267	
60540 EL-KHEITER	3409N	00004E	1001		900.3	1430 Y	11.2		7.0		3	18			267	70
60545 LAGHOUAT	3346N	00256E	763		927.4	1490 Y	14.5		8.2		5	14			279	

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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.
60549 MECHERIA	3335N	00017W	1150		890.2	1508 Y	11.9		7.7		4	22			274	70
60550 EL-BAYADH	3340N	00100E	1347		865.6	1498 Y	9.8		7.0		8	30				
60555 TOUGGOURT	3307N	00608E	92		1003.4	1014.2	19.2		9.2		1	11			321	
60557 NAAMA	3316N	00018W	1166		884.4	1496 Y	12.1		7.3		7	17			294	
60559 EL-OUED	3330N	00647E	69		1005.3	1013.4	19.3	-8	9.9		1	7	0	4	303	
60560 AIN-SEFRA	3246N	00036W	1059		893.3	1479 Y	13.6		8.2		1	14			311	
60563 HASSIR'MEL	3256N	00317E	764		927.1	1497 Y	15.6		8.3		1	9			330	85
60566 GHARDAIA	3224N	00348E	469		968.8	1014.6	18.8	-7	7.3		1	5	-2	5	336	
60571 BECHAR	3130N	00215W	816		923.1	1508 Y	18.7	-7	8.8		0	T	-9	1	336	85
60580 OUARGLA	3156N	00524E	148		996.3	1013.5	20.3		9.4		0	T			321	
60581 HASSI-MESSAOUD	3140N	00609E	144		996.6	1013.4	20.5	-9	8.7		0	0	-3	3	333	
60590 EL-GOLEA	3034N	00252E	403		968.2	1014.5	19.6	-7	6.9		0	0	-1	3	326	85
60602 BENI-ABBES	3008N	00210W	505		955.3	1012.2	22.0	.3	6.5		0	0	-2	2	337	
60607 TIMIMOUN	2915N	00017E	317		976.2	1012.3	22.1	-4	6.5		0	0	-2	3	330	
60620 ADRAR	2753N	00011W	283		979.6	1011.9	24.0	.4	4.1		0	0	-4	4	316	
60630 IN-SALAH	2714N	00230E	269		980.6	1011.1	24.7	-5	6.5		0	0	-1	4	347	85
60640 ILLIZI	2630N	00825E	544		950.0	1010.8	24.0		7.0		0	0			322	
60656 TINDOUF	2742N	00810W	443		960.1	1010.7	23.0		8.5		0	0			322	
60670 DJANET	2416N	00928E	970		903.5	1500 Y	25.4	.5	4.7		0	0	-1	3	294	100
60680 TAMANRASSET	2248N	00526E	1364		862.1	1499 Y	23.0	.8	3.6		0	0	-1	3	332	110
60686 BORDJ-BADJ-MOKHTAR	2120N	00057E	399		964.8	1009.0	28.4		3.9		0	0			312	
TUNISIA																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1013.1	1013.6	16.4	.8	13.8		10	146	108	6	208	92
60725 JENDOUBA	3629N	00848E	144		997.6	1014.6	13.8	-8	13.0		13	144	103	6	181	83
60735 KAIROUAN	3540N	01006E	68		1005.4	1013.5	17.5	.6	12.4		8	67	38	5	243	96
60745 GAFSA	3425N	00849E	314		976.7	1013.4	17.0	-1	9.4		6	41	29	5	292	109
60765 GABES	3353N	01006E	5		1013.7	1014.1	18.0	.3	14.1		3	14	2	4	281	105
NIGER																
61017 BILMA	1841N	01255E	357		967.1	1006.1	32.1		15.1		0	0		5	298	100
61024 AGADEZ	1658N	00759E	502		950.8	1004.8	34.7		6.3		0	0		4	260	90
61036 TILLABERY	1412N	00127E	210		983.0	1005.9	34.8		14.6		00	T		3	281	110
61043 TAHOUA	1454N	00515E	391		963.4	1005.6	34.4		7.5		0	0		3	281	110
61045 GOURE	1359N	01018E	464				33.7		10.2		1	2		0	287	
61049 N'GUIGMI	1415N	01307E	286		973.8	1005.2	32.2		12.3		1	13		5	263	95
61052 NIAMEY-AERO	1329N	00210E	227		981.5	1005.8	34.8		13.1		1	14		5	266	105
61075 BIRNI-N'KONNI	1348N	00515E	273		975.8	1005.4	34.4		13.4		0	0		2	275	100
61080 MARADI	1328N	00705E	373		963.8	1004.1	33.6		13.5		1	2		4	274	105
61085 DIFFA	1325N	01247E	305				32.8		15.4		1	4				
61090 ZINDER	1347N	00859E	453		956.4	1005.4	33.8		10.1		0	0		4	275	100
61096 MAINE-SOROA	1314N	01159E	338		967.9	1004.4	34.0		11.6		0	T		4	258	90
61099 GAYA	1153N	00327E	203		988.3	1005.3	34.3		21.2		0	0		1	278	105
MALI																

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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.
61223 TOMBOUCTOU	1643N	00300W	264		979.8	1009.0	31.6		5.5		1	1	0	5	279	110
61233 NARA	1510N	00717W	271		1000.0		33.0	1.6	9.1		1	7	4			
61240 HOMBORI	1520N	00141W	288		975.6	1006.9	34.4	1.0	13.5		0	T	-2		268	109
61250 MENAKA	1552N	00213E	278				34.7		11.0						276	122
61257 KAYES	1426N	01126W	47		1003.4	1011.4	34.8	1.5	12.3		0	0	-1	0	300	105
61265 MOPTI	1431N	00406W	276		977.5	1007.1	33.2	1.3	9.9		0	0	-4		270	106
61277 SAN	1320N	00450W	284		976.7	1007.6	33.9	1.6	12.2		1	9	-7	3	271	111
61291 BAMAKO/SENOU	1232N	00757W	381		967.2	1007.0	32.7	1.1	13.9		1	5	-20		270	117
61293 KOUTIALA	1223N	00528W	367				33.1	2.1	16.4		3	16	-7		254	102
61297 SIKASSO	1121N	00541W	375				31.9	1.3	19.1		6	22	-23	5	241	111
SENEGAL																
61600 SAINT-LOUIS	1603N	01627W	4		1011.0	1011.5	23.4		18.9	2.1	0	0			317	111
61612 PODOR	1639N	01458W	7		1009.8	1010.6	30.7		10.7	.1	0	0	-1	3		
61627 LINGUERE	1523N	01507W	21				31.7		10.5	-1.8	0	0	-1	4	304	110
61630 MATAM	1539N	01315W	17		1007.4	1009.3	34.3		15.5	4.6	0	0	-1	2	289	97
61641 DAKAR/YOFF	1444N	01730W	27		1008.7	1011.9	20.9		19.8	-3	0	0			309	107
61666 DIOURBEL	1439N	01614W	9		1009.5	1010.3	28.8		17.4	2.9	0	0		4	305	
61679 KAOLACK	1408N	01604W	7		1010.4	1011.2	30.2		14.7		0	0		1	315	106
61687 TAMBACOUNDA	1346N	01341W	50		1003.2	1008.9	33.4		12.9	.5	0	0	-2		297	106
61695 ZIGUINCHOR	1233N	01616W	26		1008.1	1010.7	26.8		19.8	.1	0	0			296	105
61698 KOLDA	1253N	01458W	10		1008.7	1009.8	31.4		16.3	-.7	0	0	-1			
61699 KEDOUGOU	1234N	01213W	178		989.9	1008.2	34.2		23.1		0	0	-2	5	276	103
OCEAN ISLANDS																
61901 ST. HELENA IS.	1556S	00540W	436		965.5	1015.6	21.1				7	43			149	95
61976 SERGE-FROLOW (ILE TROMELIN)	1548S	05430E	13		1010.5	1011.9	28.3		30.8		18	155			219	
61996 MARTIN DE VIVIES (ILE AMSTER)	3748S	07730E	29			1019.9	16.0		15.5		11	87	-15			
61998 PORT-AUX-FRANCAIS (ILES KERG)	4918S	07012E	29			1000.3	5.7	.1	7.0		8	79	12		110	96
MAURITIUS																
61974 AGALEGA	1026S	05645E	3		1009.5	1010.0	27.8	.1	31.2	.7	17	267	119	5	235	65
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1011.5	1011.9	28.4	1.1	31.0	1.8	14	64	-32	2		
61988 RODRIGUES	1941S	06325E	59			1013.7	27.1	1.4	28.2	2.3	16	83	-46	2	254	105
61990 PLAISANCE (MAURITIUS)	2026S	05741E	57		1008.1	1014.4	26.3	1.5	27.6	1.5	17	280	59	4	156	83
61995 VACOAS (MAURITIUS)	2018S	05730E	425		966.0		23.9	8.9	25.5		15	145		2	216	105
EGYPT																
62306 MERSA MATRUH	3120N	02713E	28		1011.4	1015.0	17.9	.3	14.4	1.1	0	0		0	197	73
62337 EL ARISH	3105N	03349E	32		1009.3	1013.2	18.4	.0	14.0	.3	0	0		0	281	
62378 HELWAN	2952N	03120E	141		999.2	1015.9	22.5	1.1	9.9	-2	0	0		0	290	105
62387 MINYA	2805N	03044E	40		1007.2		22.3	.4	12.5	2.1	0	0		0	291	96
62403 SOUTH OF VALLEY UNIVERSITY	2612N	03245E	96		999.8	1010.7	27.4		8.6		0	0		0	309	110

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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.
62414 ASSWAN	2358N	03247E	200		987.2	1009.1	29.5	2.5	7.5	.7	0	0		0	302	96
62417 SIWA	2912N	02519E	-13		1014.8	1013.3	23.6	1.7	10.5	1.2	0	0		0	309	107
62423 FARAFRA	2703N	02759E	78		1003.9	1012.9	23.3	.5	6.8	-.7	0	0		0	175	
62435 KHARGA	2527N	03032E	78		1000.5	1009.7	27.4	1.3	9.0	-.3	0	0		0	287	93
62453 ELHASANA	3027N	03346E	255		986.6	1013.2	19.1		10.8		0	0		0	289	105
62467 DAHAB	2829N	03430E	19		1007.9	1010.2	25.3		13.2		0	0		0	288	100
SUDAN																
62600 WADI HALFA	2149N	03121E	190		989.5	1010.2	30.9	3.2	9.1		0	0	-T	0	305	80
62640 ABU HAMED	1932N	03319E	312		970.7	1005.3	32.8	2.9	9.0		0	0	-1	0	324	85
62641 PORT SUDAN	1935N	03713E	42		1005.1	1009.9	27.7	1.2	18.4		0	0	-1	0	304	80
62650 DONGOLA	1910N	03029E	226		980.9	1007.0	32.5	4.0	7.2		0	0	-T	5	281	70
62660 KARIMA	1833N	03151E	249		975.1	1007.1	33.1	3.0	7.2		0	0	-T	0	317	80
62680 ATBARA	1742N	03358E	347		966.4	1004.4	33.9	3.0	9.3		0	0	-1	0	325	85
62721 KHARTOUM	1536N	03233E	382		961.9	1004.2	34.8	2.9	8.9		0	0	-1	0		
62730 KASSALA	1528N	03624E	500		953.8	1008.0	35.1	3.2	8.7		0	0	-2	3	307	80
62751 WAD MEDANI	1424N	03329E	408		960.4	1004.7	33.8	2.5	12.3		0	T	-1	5	269	70
62752 GEDAREF	1402N	03524E	599		938.9	1003.0	34.9	2.6	11.3		1	7	4	5	289	75
62760 EL FASHER	1337N	02520E	733		925.9	1004.1	32.5	4.4	7.7		0	0	-1	0	265	70
62762 SENNAR	1333N	03337E	418		957.0	1002.6	32.9	1.6	13.3		1	1	1	2	284	70
62770 GENINA	1329N	02227E	805		919.4	1005.0	33.5	4.5	10.4		01	1	-4	5	251	65
62771 EL OBEID	1310N	03014E	574		942.9	1005.0	33.1	2.8	9.0		0	0	-1	0	269	75
62772 AROMA	1310N	03240E	381		963.1	1004.3	33.9	1.9	15.8		0	0	-1	0		
62781 EN NAHUD	1242N	02826E	565		944.6	1005.5	33.2	2.8	12.3		0	0	-1	0	253	75
62795 ABU NA'AMA	1244N	03408E	445		954.9	1002.9	34.7	2.6	13.4		0	T	-2	0	288	75
62805 DAMAZINE	1147N	03423E	474		951.9	1002.7	34.1	1.9	16.5		1	7	-5	3	288	
62810 KADOGLLI	1100N	02943E	499				35.5	3.8	13.1		1	3	-7	5	253	65
62840 MALKAL	0933N	03139E	388		964.4	1006.8	34.5	3.0	20.9		2	10	-9	2	214	55
62941 JUBA	0452N	03136E	460		956.3	1007.8	29.5	.3	5.0		18	278	187	5	173	40
ETHIOPIA																
63331 GONDAR	1233N	03725E	1967				24.0		9.6		2	7				
63402 JIMMA	0740N	03650E	1725				21.4		17.6		14	116				
63450 ADDIS ABABA-BOLE	0902N	03845E	2354		773.0	1009.4	18.6		12.1		5	81				
SEYCHELLES																
63980 SEYCHELLES INTERNATIONAL AIR	0440S	05531E	3		1009.7	1010.1	28.3	.3	30.7	.7	16	237	60	4	217	96
GABON																
64500 LIBREVILLE	0027N	00925E	15		1007.9	1008.3	27.8	1.2	32.0		19	267	-72		151	86
BENIN																
65306 KANDI	1108N	00256E	292		975.0	1006.9	33.0	.9	24.1	3.3	2	11	-29	1	240	94

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
65319 NATITINGOU	1019N	00123E	461		958.3	1008.7	29.1	-4	29.8	6.5	8	130	41	4	246	102
65330 PARAKOU	0921N	00237E	393		965.7	1008.9	29.1	.1	24.7	.1	3	14	-71	0	240	100
65335 SAVE	0802N	00228E	200		986.9	1009.2	28.0	-6	28.1	1.2	10	115	4	3	220	103
65338 BOHICON	0710N	00204E	167		991.2	1010.3	28.0	-7	29.3	.5	12	204	77	5	177	87
65344 COTONOU	0621N	00223E	9		1007.9	1009.0	28.6	.0	31.6	.2	7	222	85	5	218	100
TOGO																
65352 MANGO	1022N	00028E	146		992.2	1009.5	31.0	-4	28.2		9	76	10	4		
65355 NIAMTOUGOU	0946N	00106E	343		957.9	1008.1	28.0		25.7		10	298			138	
65357 KARA	0933N	00110E	341		971.1	1009.4	28.9		25.6		7	114				
65361 SOKODE	0859N	00109E	387				27.4		27.3		8	157	54	5		
65376 ATAKPAME	0735N	00107E	402		964.3				28.2		9	76	-57	4		
65378 KOUMA-KONDA	0657N	00035E	643				24.5		25.1		9	144				
65380 TABLIGBO	0635N	00130E	44		1006.0	1010.4	28.2	-4	29.2		7	112	-25	3		
65387 LOME	0610N	00115E	25		1007.4	1010.2	28.4	.2	32.0		7	165	69	5	211	97
GHANA																
65442 KUMASI	0643N	00136W	293		977.9	1010.9	27.1		27.9		8	140			175	45
BURKINA FASO																
65501 DORI	1402N	00002W	277		976.5	1006.7	34.2		11.4		0	0		3	249	95
65502 OUAHIGOUYA	1334N	00225W	337		970.2	1006.7	33.9		9.2		0	0		1	262	100
65503 OUAGADOUGOU	1221N	00131W	316		974.1	1007.5	33.2		17.2		3	13		3	224	90
65505 DEDOUGOU	1228N	00329W	300		974.5	1007.3	33.4		14.4		2	12		3	227	95
65507 FADA N'GOURMA	1202N	00022E	309		971.7	1007.1	33.1		19.4		2	5		1	248	105
65510 BOBO-DIOULASSO	1110N	00419W	460		957.9	1007.9	31.3		19.8		2	8		1	206	80
65516 BOROMO	1145N	00256W	271		977.7	1007.4	32.7		19.8		3	26		2	229	105
65518 PO	1109N	00109W	322		971.8	1007.0	32.0		22.0		2	17		2	241	90
65522 GAOUA	1020N	00311W	335		976.2	1008.4	30.7		24.5		4	32		1	234	95
COTE D'IVOIRE																
65545 BONDOUKOU	0803N	00247W	370		968.1	1009.5	27.5	.0			11	186	63	4		
65557 GAGNOA	0608N	00557W	210		986.4	1009.5	27.1	-2	28.1	-3	12	326	164	6	210	103
65562 DIMBOKRO	0639N	00442W	92				28.8	-1	30.5	1.9	9	98	-41	2	208	96
65585 ADIAKE	0518N	00318W	39				27.9	.2	30.5	.0	9	140	-10	2	225	114
65592 TABOU	0425N	00722W	21		1007.7	1010.1	27.4	.7	31.1	.4	6	15	-119	0		
65594 SAN PEDRO	0445N	00639W	30		1006.7	1010.1	29.5		30.2		2	25		0	213	110
65599 SASSANDRA	0457N	00605W	66		1002.3	1009.6	27.0	.5	30.3	.0	4	27	-69	1	207	95
MOZAMBIQUE																
67215 PEMBA	1259S	04032E	101		1002.6	1013.8	26.1				5	24			226	60
67217 LICHINGA	1318S	03514E	1365				18.0		17.2		12	695		3	73	50
67237 NAMPULA	1506S	03917E	441		964.7	1015.6	23.2		21.9		8	69		2	189	

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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.
67261 TETE	1611S	03335E	150		998.5	1015.8	26.3		21.7		1	43		0	336	
67283 QUELIMANE	1753S	03653E	16		1014.5		25.4		25.1		12	0111		2	447	
67297 BEIRA	1948S	03454E	16		1015.9	1016.8	25.1		24.0		10	132		4		80
67323 INHAMBANE	2352S	03523E	15		1015.5	1017.1	24.8		22.1		19	485		1	255	70
MALAWI																
67586 LILONGWE INT'L AIRPORT	1347S	03346E	1229		881.4	1530 Y	18.9		16.1		6	20				
ZAMBIA																
67663 KABWE	1427S	02828E	1207		881.7	1518 Y	19.3	-7	17.0		0	0	-27	1	285	110
SOUTH AFRICA																
68174 PIETERSBURG	2350S	02925E	1228		883.5	1557 Y	18.5		12.8		0	T	-33	1	291	125
68242 MMABATHO	2547S	02532E	1281		877.9	1557 Y	18.4		12.6		2	7			311	
68262 PRETORIA	2544S	02811E	1326		875.2	1558 Y	19.2		11.9		1	6	-48	1	282	115
68424 UPINGTON	2825S	02116E	851		921.9	1546 Y	23.1		9.3		3	21	-5	4	279	99
68438 KIMBERLEY	2848S	02446E	1204		885.6	1549 Y	19.8		10.3		3	13	-38	2	272	104
68442 BLOEMFONTEIN AIRPORT	2906S	02618E	1359		875.1	1600 Y	16.3		10.2		4	8	-50	0	260	104
68461 BETHLEHEM	2815S	02820E	1690		837.1	1558 Y	14.2		10.5		2	19		2	257	110
68512 SPRINGBOK	2940S	01754E	1007		903.8	1540 Y	22.3		12.4		4	19		4	276	
68538 DE AAR	3039S	02400E	1287		876.5	1548 Y	18.1		10.8		4	40		3	254	85
68588 DURBAN INTNL. AIRPORT	2958S	03057E	14		1015.9	1017.5	21.4		19.3		5	53	-20	3	226	110
68618 CALVINIA	3128S	01946E	975		907.5	1541 Y	19.4		10.4		6	25		4	246	90
68816 CAPE TOWN INTNL. AIRPORT	3358S	01836E	46				18.6		15.8		3	24	-17	2	204	88
68828 GEORGE AIRPORT	3401S	02223E	191				18.6		15.6		8	44			164	85
68842 PORT ELIZABETH	3359S	02537E	69				19.6		17.4		7	41	-17	3	211	96
68858 EAST LONDON	3302S	02750E	131				20.3		16.6		7	16	-67	1	230	105
68906 GOUGH ISLAND	4021S	00953W	54		1007.3	1013.7	14.7		12.8		15	325	49	4	113	119
68994 MARION ISLAND	4653S	03752E	22		1005.5	1008.4	5.8		7.4		16	115	-104	1	111	123
N AMERICA																
USA (ALASKA)																
70026 BARROW/W. POST W. ROGERS	7117N	15647W	12			1019.9	-16.3	2.7	2.2		2	5	0	3		
70086 BARTER ISLAND	7008N	14338W	15				-15.8		2.2							
70133 KOTZEBUE, RALPH WIEN	6653N	16236W	5			1016.4	-10.6	.9	2.7		7	22	13	5		
70200 NOME, AK	6430N	16526W	6			1015.1	-8.5	-5	3.2		8	31	14	5		
70219 BETHEL/BETHEL AIRPORT, AK	6046N	16150W	44			1015.1	-4.7	.0	3.9		8	32	15	5		
70231 MCGRATH, AK	6257N	15530W	103			1015.8	-1.0	2.1			7	23	3	4		
70249 PUNTILLA	6206N	15240W	560				-2.9					2				
70251 TALKEETNA	6218N	15000W	109			1016.6	.9	.4	4.4		4	23	-17	2		
70261 FAIRBANKS/INT., AK	6448N	14750W	135			1016.6	-5	.2			1	2	-6	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	QUANTILE	TOTAL	% of AV.
70273 ANCHORAGE/INT., AK	6109N	14950W	50			1016.1	1.8	-3			1	3	-14	2		
70308 ST. PAUL ISLANDS, AK	5709N	17013W	10			1012.1	-2.8	-7	4.9		8	20	-14	2		
70316 COLD BAY, AK	5512N	16240W	31			1012.5	.4	-3	5.6		15	155	105	5		
70326 KING SALMON, AK	5840N	15630W	14			1013.8	.2	.6	5.0		5	16	-12	2		
70341 HOMER/MUNICIPAL	5938N	15130W	24			1016.0	2.3	.4	5.8		3	8	-24	1		
70361 YAKUTAT, AK	5931N	13940W	13			1017.7	1.8	-6	5.8		11	84	-168	6		
70398 ANNETTE ISLAND, AK	5502N	13130W	35			1018.0	6.1	-2	6.8		12	110	-87	1		
USA																
72201 KEY WEST/INT., FL	2433N	08145W	5			1017.9	24.9	-1	22.7		1	18	-26	3		
72202 MIAMI, FL	2545N	08023W	5			1018.4	25.0	1.0	19.3		4	30	-42	2		
72203 WEST PALM BEACH/ INT. FL.	2641N	08006W	7			1018.0	23.5	.5	17.4		5	62	-11	3		
72205 ORLANDO/JETPORT FL.	2826N	08119W	32			1018.2	21.9	.1	15.7		2	27	-18	3		
72206 JACKSONVILLE/INTNL.,	3029N	08142W	11			1017.9	19.1	-3	14.3		5	150	80	5		
72207 SAVANNAH/MUNICIPAL,	3208N	08112W	15			1017.7	18.3	-6	14.0		6	177	100	6		
72208 CHARLESTON/MUN., SC.	3253N	08001W	15			1017.3	18.0	-3	13.5		6	133	66	5		
72211 TAMPA/INT., FL.	2758N	08232W	8			1018.1	23.2	1.4	16.6		2	31	2	3		
72214 TALLAHASSEE/MUN.,	3023N	08421W	19			1017.6	19.3	.2	14.1		4	259	164	5		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110			1017.1	17.0	-9	12.5		7	144	57	5		
72218 AUGUSTA/BUSH FIELD,	3322N	08158W	45			1016.9	16.6	-5	12.6		8	110	26	4		
72219 ATLANTA/MUN., GA.	3339N	08425W	315			1016.8	15.9	-5	12.0		9	132	24	4		
72223 MOBILE/BATES FIELD,	3041N	08815W	67			1017.0	19.0	-9	14.2		2	44	-69	2		
72226 MONTGOMERY/DANNELLY,	3218N	08624W	67			1016.7	18.0	-2	13.0		5	76	-38	3		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9			1016.8	20.5	.2	17.1		5	34	-80	1		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94			1016.3	17.3		14.5		6	69		2		
72235 JACKSON/ALLEN C. THOMPSON FI	3219N	09004W	91			1016.1	17.8	-3	14.2		6	105	-36	3		
72240 LAKE CHARLES/MUN.,	3007N	09312W	5			1016.5	19.9	-3	16.4		6	202	118	5		
72242 GALVESTON, TX.	2918N	09448W	16			1015.5	21.1	.4	19.2		7	133	72	6		
72243 HOUSTON/INTERCONTINENTAL, TX	2958N	09521W	33			1015.1	20.4	.2	15.8		8	264	183	5		
72248 SHREVEPORT/REG., LA.	3227N	09350W	85			1014.8	17.9	-8	13.5		7	101	6	4		
72250 BROWNSVILLE/INT., TX	2555N	09725W	8			1013.3	24.2	.1	20.1		0	0	-39	1		
72251 CORPUS CHRISTI/INT.,	2746N	09730W	15			1013.4	23.9	1.4	18.2		1	3	-40	1		
72253 SAN ANTONIO/INT.,	2932N	09828W	247			1013.0	21.0	.3	12.5		6	52	-11	3		
72254 AUSTIN/CTY, TX.	3018N	09742W	193			1013.6	19.8	-1.1	14.0		6	95	30	4		
72255 VICTORIA/VICTORIA REGIONAL,	2851N	09655W	36			1014.3	21.4	.0	16.1		6	52	-9	3		
72256 WACO, MADISON-COOPER,	3137N	09713W	157			1013.8	18.3	-1.2	14.0		8	115	34	6		
72259 DALLAS-FORT WORTH/FORT WORTH	3254N	09702W	182			1013.2	18.2	-4	12.6		5	90	2	3		
72263 SAN ANGELO/MATHIS,	3122N	10030W	584			1012.4	19.2	-2	10.4		5	117	75	5		
72265 MIDLAND/MIDLAND REG. AIR TER	3156N	10210W	875			1010.4	18.9	.8	7.4		4	7	-14	4		
72266 ABILENE/MUN., TX.	3225N	09941W	546			1012.0	18.8	.2	10.2		4	27	-21	2		
72267 LUBBOCK/LUBBOCK INTERNATIONAL	3339N	10140W	996			1010.3	16.2	.0	7.3		2	38	14	4		
72270 EL PASO/INT., TX.	3148N	10620W	1206			1009.7	18.7	1.3	3.4		0	T	-5	2		
72274 TUCSON/INT., AZ.	3207N	11050W	788			1011.5	19.5	.7	4.3		1	7	0	4		
72278 PHOENIX/SKY HARBOR,	3326N	11200W	344			1010.8	22.0	.9	5.0		1	5	0	4		
72290 SAN DIEGO/LINDBERGH,	3244N	11710W	9			1016.7	17.0	.3	11.1		2	4	-16	2		
72295 LOS ANGELES /INT.,	3356N	11820W	38			1015.8	15.7	.1	10.4							

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUANTILE	TOTAL	% of AV.	
72304 CAPE HATTERAS, NC.	3516N	07533W	3			1016.9	16.2	1.3		13.9		8	79	-10	3		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134			1016.0	16.7	1.7		11.1		6	43	-22	2		
72308 NORFOLK/INT., VA.	3654N	07612W	9			1015.4	15.2	1.3		10.7		7	58	-19	2		
72310 COLUMBIA, SC.	3357N	08107W	72			1016.6	17.2	.0		10.9		7	70	-13	3		
72312 GREENVILLE/GREENVILLE SPARTA	3454N	08213W	296			1015.6	15.9	.5		9.6		9	107	9	4		
72314 CHARLOTTE/DOUGLAS,	3513N	08056W	234			1016.2	15.5	.3		10.2		8	58	-10	3		
72315 ASHEVILLE/MUN., NC.	3526N	08233W	661			1016.1	12.7	-2		9.2		9	90	5	4		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	277			1015.8	15.1	.9		9.4		10	77	5	4		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210			1016.4	15.6	.5		10.8		7	83	-26	3		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299			1015.8	14.6	.4		9.9		7	74	-20	2		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180			1015.7	15.0	-.1		10.4		9	105	-6	3		
72340 LITTLE ROCK/ADAMS FLD,	3450N	09216W	173			1015.4	16.6			12.7		9	135				
72344 FORT SMITH/MUN., AR.	3520N	09422W	143			1014.0	15.9	-.4		11.2		9	125	25	4		
72351 WICHITA FALLS/SHEPS AFB/WICH	3358N	09829W	314			1011.8	18.0	.7		10.3		5	172	96	5		
72353 OKLAHOMA CITY/W. ROGERS WORL	3523N	09736W	398			1012.4	15.2	-.6		10.3		8	122	52	5		
72360 CLAYTON/MUN., NM.	3627N	10300W	1515			1010.5	11.4	.4		4.8		4	16	-7	3		
72365 ALBUQUERQUE/INT., NM.	3502N	10630W	1619			1010.0	13.3	.4		3.2		4	9	-4	3		
72386 LAS VEGAS/MCCARRAN,	3605N	11510W	664			1009.9	19.0	1.2				1	1	-4	3		
72389 FRESNO/AIR TERM.,	3646N	11940W	101			1015.8	16.8	.6		7.5		2	18	-6	3		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54			1016.0	14.9	.8		9.7		9	65	-10	3		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20			1015.5	13.8	.2		9.0		12	107	39	5		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	48			1014.9	12.7	.8		9.2		11	147	69	5		
72407 ATLANTIC CITY, NJ.	3927N	07434W	21			1015.4	12.5	2.5		9.0		11	158	68	5		
72408 PHILADELPHIA/INT.,	3953N	07515W	9			1015.2	13.1	1.8		8.8		10	101	10	4		
72411 ROANOKE/MUN., VA.	3719N	07958W	358			1015.9	14.1	1.0		8.9		9	81	-1	3		
72412 BECKLEY (RALEIGH CTY. MEMORI	3747N	08107W	766			1015.8	11.3	.6		8.4		11	57	-30	2		
72414 CHARLESTON/KANAWHA.,	3822N	08136W	299			1014.8	13.7	1.0		8.5		11	75	-9	3		
72421 CINCINNATI/GREATER CINCINNAT	3903N	08440W	271			1014.2	12.6	.8		9.9		13	95	0	3		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301			1015.2	13.0			9.2		12	121				
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	151			1014.7	14.6	1.1		9.6		11	113	6	4		
72425 HUNTINGTON, WV.	3822N	08233W	255			1014.6	13.8	.9		9.1		11	84	-3	3		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08253W	254			1014.5	11.9	1.3		8.7		11	107	26	4		
72429 DAYTON/ COX, OH.	3952N	08407W	307			1015.0	11.2	.5		8.3		13	101	14	4		
72432 EVANSVILLE/REG., IN.	3803N	08732W	127			1015.0	13.8	.4		10.7		11	153	51	5		
72434 ST. LOUIS/LAMBERT,	3845N	09022W	174			1014.1	13.3	-.4		10.1		12	103	15	4		
72438 INDIANAPOLIS/I.-MUN/WEIR COO	3944N	08616W	246			1014.0	12.1	.8		8.9		13	184	90	5		
72439 SPRINGFIELD/CAPITAL,	3951N	08940W	187			1014.2	11.9	.1		10.1		11	146	53	5		
72445 COLUMBIA/REGIONAL,	3849N	09213W	274			1014.0	11.7	-.9		9.8		10	149	52	5		
72451 DODGE CITY/MUN., KS.	3745N	09958W	790			1012.4	11.9	-.7		8.8		8	91	39	5		
72458 CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	453			1014.0	11.0	-.6		8.8		10	97	39	5		
72476 GRAND JUNCTION/WALKER FIELD,	3907N	10830W	1474			1010.9	10.3	-.9		5.1		4	33	14	5		
72483 SACRAMENTO/EXECUTIVE CA.	3831N	12130W	8			1016.2	15.4	.8		8.7		5	37	8	4		
72486 ELY/YELLAND, NV.	3917N	11450W	1909			1012.8	5.3	.0				6	30	5	4		
72488 RENO/INT., NV.	3930N	11940W	1344			1014.4	10.3	1.1		4.1		3	9	0	4		
72494 SAN FRANCISCO/INT.,	3737N	12220W	6			1017.9	13.6	.5		9.6		1	7	-27	2		
72503 NEW YORK/LA GUARDIA,	4046N	07354W	9			1014.8	12.1	1.3		7.7		9	119	23	4		

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUANTILE	TOTAL	% of AV.	
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19			1015.1	9.9	1.3		7.0		8	149	45	5		
72508 HARTFORD/BRADLEY INTNL., CT.	4156N	07241W	55			1014.4	10.4	1.1		7.2		8	86	-11	3		
72509 BOSTON/LOGAN INT.,	4222N	07102W	9			1014.7	10.3	1.4		7.5		9	105	14	4		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	292			1013.8	10.8	1.9		6.3		7	39	-36	1		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497			1014.9	8.8	1.9		6.4		9	48	-31	2		
72517 ALLENTOWN/A.-BETHLEHEM-EASTO	4039N	07526W	118			1014.7	10.6	.8		8.3		8	66	-23	2		
72519 SYRACUSE/HANCOCK,	4307N	07607W	128			1014.1	8.9	1.3		7.4		9	59	-25	2		
72520 PITTSBURGH/GREATER PITTSBURG	4030N	08013W	373			1015.0	11.1	1.3		7.5		12	60	-20	2		
72521 AKRON/AKRON-CANTON REG. OH.	4055N	08126W	377			1014.3	10.1	.9		8.2		14	70	-10	3		
72525 YOUNGSTOWN, OH.	4116N	08040W	365			1014.3	9.9	1.4		7.4		13	80	3	3		
72528 BUFFALO/GREATER BUFFALO INT.	4256N	07843W	219			1014.3	8.2	.9		7.2		11	80	8	4		
72529 ROCHESTER/ROCHESTER-MONROE C	4307N	07740W	171			1014.5	8.0	.3		7.1		9	56	-10	2		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205			1014.5	8.5	-.7		7.6		12	132	40	5		
72532 PEORIA/GREATER PEORIA MUN.,	4040N	08941W	202			1014.4	10.5	-.3		8.9		12	170	75	5		
72533 FORT WAYNE/MUN.,	4100N	08512W	252			1014.6	9.7	.1		8.7		11	151	66	5		
72535 SOUTH BEND/ST.JOSEPH CO., IN	4142N	08619W	241			1014.7	9.1	-.2		8.3		12	91	-6	3		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211			1014.4	9.7	1.0		7.8		11	121	46	5		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202			1014.4	9.8	1.3		7.4		11	128	54	5		
72544 MOLINE/QUAD CITY,	4127N	09031W	181			1014.3	9.8	-.4		9.3		10	120	21	4		
72546 DES MOINES/MUN., IA.	4132N	09339W	294			1015.0	10.5	.0		7.8		9	144	59	5		
72550 EPPLEY FIELD, OMAHA,	4118N	09554W	300			1015.2	10.0	-1.1		7.6		5	56	-11	3		
72556 NORFOLK/KARL STEFAN,	4159N	09726W	479			1015.5	8.6	-1.2		7.2		5	37	-21	2		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336			1016.3	8.9	-1.2		7.2		3	41	-18	3		
72562 NORTH PLATTE/LEE BIRD, NE.	4107N	10040W	849			1014.4	8.1	-.9		7.0		8	72	22	4		
72564 CHEYENNE, WY.	4109N	10440W	1876			1012.3	4.9			4.7		9	91				
72569 CASPER/NATRONA COUNTY, INTNL	4255N	10620W	1630			1013.1	4.5	-1.5		5.3		10	52	13	4		
72572 SALT LAKE CITY/INTNL UT.	4047N	11150W	1288			1012.4	9.4	-.4		6.1		10	65	12	4		
72576 LANDER/HUNT, WY.	4249N	10840W	1703			1012.4	5.5	-.8		5.1		10	92	40	5		
72578 POCATELLO/MUN., ID.	4255N	11230W	1365			1014.5	6.7	-.5		5.7		7	26	-4	3		
72583 WINNEMUCCA/MUN., NV.	4054N	11740W	1322			1014.9	7.2	-.7		4.5		5	25	4	4		
72594 EUREKA, CA.	4048N	12410W	18			8.3	-1.8					6	31	-42	2		
72597 MEDFORD/MEDFORD-JACKSON COUN	4223N	12250W	398			1018.8	11.3			7.1		4	9				
72605 CONCORD/MUN., NH.	4312N	07130W	105			1014.5	8.4			6.1		8	102				
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	23			1014.0	8.1	1.8		6.8		8	118	15	4		
72613 MOUNT WASHINGTON,	4416N	07118W	1910				-3.7	1.6		4.4		11	105	-102	1		
72617 BURLINGTON/INT., VT.	4428N	07309W	104			1014.1	7.8	1.2		6.0		8	47	-23	2		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245			1014.7	8.5	.7		7.2		11	141	56	5		
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193			1014.7	7.9	.7		6.7		9	122	49	5		
72637 FLINT/BISHOP, MI.	4258N	08345W	238			1014.6	8.0	.2		8.1		15	138	64	5		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	220			1015.2	7.3	.4		5.9		10	114	26	4		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264			1014.8	7.7	.3		6.5		8	113	41	5		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402			1015.8	7.9	.7		6.2		9	53	-16	2		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08806W	209			1015.2	6.4	-.3		6.3		6	67	6	4		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435			1016.3	7.4	-.9		6.9		6	50	-14	3		
72654 HURON/HURON REGIONAL SD.	4423N	09813W	393			1016.3	6.8	-1.1		6.7		7	27	-26	2		
72658 MINNEAPOLIS/ST.PAUL INT., MN	4453N	09313W	256			1015.9	8.7	.7		5.4		7	40	-21	2		

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUANTILE	TOTAL	% of AV.
72662 RAPID CITY/REGIONAL AIRPORT,	4440N	10310W	1030			1015.9	4.5	-2.8	5.9		12	93	45	5		
72666 SHERIDAN/COUNTY, WY.	4446N	10650W	1226			1014.5	5.4	-1.2	5.7		8	34	-9	3		
72677 BILLINGS/LOGAN INT.,	4548N	10830W	1099			1014.8	7.4	-2	5.5		7	47	3	4		
72681 BOISE/MUN., ID.	4334N	11610W	872			1014.5	10.5	1.0	5.5		3	18	-13	2		
72688 PENDLETON, OR.	4541N	11850W	456			1016.4	9.6	-6	6.5		4	25	-1	3		
72698 PORTLAND/INT., OR.	4536N	12230W	12			1019.8	11.4	.8	8.1		10	59	-1	3		
72712 CARIBOU/MUN., ME.	4652N	06800W	191			1014.2	4.7	1.4	6.0		11	75	13	4		
72743 MARQUETTE, MI.	4632N	08733W	434				3.4	.5	4.8		0	0	-67	0		
72745 DULUTH/INT., MN.	4650N	09211W	436			1016.8	4.3	.6	5.1		5	23	-34	1		
72747 INT.FALLS/FALLS INT. MN.	4833N	09323W	362			1017.2	3.7	-2	4.7		5	28	-12	3		
72753 FARGO/HECTOR FIELD,	4654N	09648W	274			1017.3	5.6	-5	6.6		3	21	-25	2		
72764 BISMARCK/MUN., ND.	4646N	10040W	505			1017.3	5.1	-1.0	6.3		3	18	-24	2		
72767 WILLISTON/SLOULIN FIELD INT.	4811N	10330W	592			1016.7	5.2	-1.0	5.8		6	26	-6	3		
72768 GLASGOW/INT., MT.	4812N	10630W	693			1016.1	6.1	-7	5.5		5	38	21	5		
72772 HELENA/COUNTY-CITY,	4636N	11200W	1188			1017.4	5.8	-5	4.8		5	15	-9	2		
72773 MISSOULA / JOHNSON-BELL FIEL	4655N	11400W	976			1017.4	6.6	-2	5.2		4	12	-12	1		
72781 YAKIMA/YAKIMA AIR TERMINAL,	4634N	12030W	332			1017.3	9.2	-5	5.6		2	6	-6	3		
72785 SPOKANE/INT., WA.	4738N	11730W	721			1016.7	7.4	-3	5.7		5	33	3	4		
72792 OLYMPIA, WA.	4658N	12250W	62			1019.5	8.6	.0	7.5		11	80	-3	3		
72793 SEATTLE/S.-TACOMA,	4727N	12210W	137			1019.9	9.6	.0	7.7		10	85	26	5		
72797 QUILLAYUTE, WA.	4757N	12430W	56			1019.6	7.5		7.6		10	126				
74492 BLUE HILL OBS. MA.	4213N	07107W	195			1014.8	9.8	2.1			9	116	14	4		
CANADA																
71017 STEFANSSON ISLAND, NU	7345N	10510W	11		1022.0	1023.5	-22.7		1.0		5	22				
71018 RESOLUTE CS, NU	7442N	09459W	68				-20.7		1.1		2	7				
71026 MEDICINE HAT RCS, ALTA	5001N	11040W	717		931.0	1016.0	6.0		4.5		1	6		1		
71029 HOLMAN CS, NWT	7045N	11740W	30		1019.0	1023.0	-17.0		1.4		2	12				
71049 WAGER BAY (AUT), MAN	6552N	08926W	18		1014.9	1017.3	-13.6		1.5		1	4				
71066 HIGH LEVEL A, ALTA	5837N	11700W	338		976.1	1018.1	1.3	-6	3.6		4	19	2	4		
71069 SLAVE LAKE A, ALTA	5517N	11440W	583		947.6	1018.3	2.1	-1.0	4.3		4	29	10	4		
71074 ISACHSEN (AUT), NU	7847N	10330W	58		1014.1	1022.1	-24.2		.9		4	18		6		
71079 THOMPSON	5548N	09752W	222		992.5	1020.8	-2.2	.2	3.8		4	17	-11	2		
71101 SANDSPIT AWOS, BC	5315N	13140W	6		1017.1	1017.9	6.2	.0	7.5							
71109 PORT HARDY A, BC	5040N	12720W	22		1016.4	1019.1	6.9	.1	7.5		14	104	-16	3		
71120 COLD LAKE A, ALTA	5425N	11010W	541		952.7	1018.6	2.7	-9	4.4		4	35	14	4		
71122 BANFF CS, ALTA	5112N	11530W	1397		857.3	1017.6	2.0	-1.1	3.7		6	17	-15	1		
71158 BERENS RIVER CS, MAN	5221N	09702W	222		990.7	1018.5	.8		4.9							
71160 FORT RELIANCE (AUT), NWT	6242N	10900W	168		999.3	1021.0	-6.9		2.9		3	22		4		
71185 DANIELS HARBOUR,	5014N	05734W	18		1009.9	1012.3	1.0	.6	5.3		16	88	30	5		
71197 PORT AUX BASQUES,	4734N	05909W	40		1009.9	1014.8	1.3	.3	4.4		12	138	25	4		
71199 WATSON LAKE (AUT), YT	6007N	12840W	690		934.4	1018.3	-1.7		3.8		21	48		6		
71279 SEPT-ILES, QUE	5013N	06615W	53		1006.3	1012.8	1.3		4.9		7	122				
71288 CAMBRIDGE BAY GSN, NU	6906N	10500W	19				-20.0		1.3		4	17				
71299 KAPUSKASING CDA ON, ONT	4924N	08226W	218		988.0	1015.2	-5		4.1							
71309 MOOSONEE RCS, ONT	5117N	08037W	9		1015.2	1016.4	-2.1		4.2							

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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.
71320 HALL BEACH CLIMATE, NU	6846N	08114W	8		1017.9	1017.9	-18.1		1.5		01	1				
71321 IQALUIT CLIMATE, NU	6345N	06833W	34		1015.1	1019.6	-14.6		1.9		1	4				
71322 ARVIAT CLIMATE, NU	6106N	09404W	10		1019.7	1021.0	-12.3		2.4		6	15				
71350 HARRINGTON CDA CS, PEI	4621N	06310W	53		1006.9	1013.4	3.9		6.4		11	69				
71355 ALERT CLIMATE, NU	8230N	06220W	65		1014.2	1023.2	-25.3		.7		01	1				
71356 BAKER LAKE CLIMATE, NU	6419N	09600W	51		1014.8	1021.6	-15.8		1.7							
71358 CLYDE RIVER CLIMATE, NU	7029N	06831W	27				-18.0		1.4							
71361 HAY RIVER CLIMATE, NWT	6050N	11540W	164		998.1	1018.9	-2.9		3.6		1	10				
71362 FORT SMITH CLIMATE, NWT	6001N	11150W	203		993.0	1018.6	-6		3.7		3	11				
71363 GJOA HAVEN CLIMATE, NU	6838N	09551W	42		1015.2	1020.9	-19.3		1.3		3	11				
71364 INUVIK CLIMATE, NWT	6819N	13330W	103		1007.4	1021.0	-9.5		2.4		2	11				
71365 FORT SIMPSON CLIMATE, NWT	6145N	12110W	168		998.4	1019.7	-1.1		3.5		3	6				
71407 RESERVED OR UNKNOWN	9999N	99999E			1018.7	1020.9	-18.3		1.3		15	82				
71434 PEAWANUCK (AUT), ONT	5459N	08526W	52		1011.8	1018.4	-5.2		3.2							
71446 SWIFT CURRENT CDA, SASK	5016N	10740W	825		919.0	1016.8	4.0		4.7		5	15		3		
71467 SACHS HARBOUR CLIMATE, NWT	7200N	12510W	88		1011.1	1023.0	-18.2		1.5		3	20				
71480 RESERVED OR UNKNOWN	9999N	99999E			1007.9	1020.2	-5.4		2.9		2	5				
71493 PARRSBORO, NS	4524N	06420W	31		1009.6	1013.4	4.3		6.5		8	101				
71550 DAUPHIN CS, MAN	5106N	10000W	305				2.7									
71570 GREAT FALLS CLIMATE, MAN	5031N	09558W	253		987.3	1018.6	3.0		4.7		4	15				
71585 FORT MCMURRAY CS, ALTA	5639N	11110W	369				2.8		4.4							
71586 LA RONGE RCS, SASK	5509N	10510W	379		972.7	1019.5	.4		4.1		1	4		1		
71590 EDMUNDSTON, NB	4725N	06819W	157		992.8	1011.9	3.4		5.3		11	91				
71592 ARCTIC BAY CS, NU	7259N	08500W	10		1017.3	1018.6	-16.9		1.2		4	9				
71600 SABLE ISLAND, NS	4355N	06000W	5		1016.0	1016.6	4.9	1.5	6.8		6	64	-36	1		
71695 THE PAS CLIMATE, MAN	5358N	10106W	274		985.6	1019.2	.3		4.4		4	34				
71696 CHURCHILL CLIMATE, MAN	5844N	09404W	29		1017.4	1021.2	-8.4		3.1							
71713 LA POCATIERE, QUE	4721N	07001W	31				4.6		5.6		9	89		4		
71721 MANIWAKI AIRPORT, QUE	4616N	07559W	201		989.0	1013.5	4.8		5.7		16	87		5		
71727 BAGOTVILLE A, QUE	4820N	07100W	159		994.0	1013.7	3.7	1.4	5.2		9	58	7	3		
71733 GORE BAY A, ONT	4553N	08234W	194		991.4	1015.2	4.4	.6	5.6		8	56	-3	3		
71741 KAMLOOPS AUT, BC	5042N	12026W	345		975.2	1016.9	9.3		4.9		1	10				
71742 GANDER AIRPORT CS, NFLD	4856N	05434W	151		995.3	1014.0	2.7		5.7		11	77				
71743 RIVIERE AUX FEUILLES, QUE	5754N	07258W	171		994.1	1016.3	-11.2		2.5		1	1				
71813 NATASHQUAN A, QUE	5011N	06149W	11		1011.1	1012.4	.2	.8	5.0		13	84	7	4		
71816 GOOSE A, NFLD	5319N	06025W	49		1007.1	1013.3	-1.6	.2	4.0		14	106	49	5	139	90
71818 CARTWRIGHT, NFLD	5342N	05702W	15		1010.1	1011.9	-2.5	.1	4.6		10	99	24	4	110	80
71823 LA GRANDE IV A, QUE	5345N	07340W	306		977.4	1015.8	-3.0		3.6		15	43		3		
71827 LA GRANDE RIVIERE A,	5338N	07742W	195		991.3	1015.9	-2.3		3.8		8	35		5		
71828 SCHEFFERVILLE A, QUE	5448N	06648W	518		950.8	1015.4	-6.0	1.2	3.4		9	42	-10	2		
71842 SIOUX LOOKOUT A, ONT	5007N	09154W	390		970.6	1017.8	2.5	.6	4.5		8	37	-7	3		
71844 BIG TROUT LAKE READAC, ONT	5348N	08953W	222		991.3	1019.4	-1.8		3.7		6	17		2		
71862 ESTEVAN A, SASK	4913N	10250W	584		947.7	1018.0	3.6	-1.1	5.5		7	41	8	4		
71869 PRINCE ALBERT A, SK	5313N	10540W	428		966.5	1019.2	1.9	-.7	4.4		2	3	-19	1		
71894 ESTEVAN POINT CS, BC	4923N	12630W	7		1018.5	1019.4	7.0		8.6		10	150		1		
71905 KUUJJIARAPIK A, QC	5517N	07745W	24		1011.2	1012.6	-5.0	2.1	3.6		7	30	5	4		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
71906 KUUIJUAQ A, QUE	5806N	06825W	44		1012.9	1018.0	-8.7	.7	2.6		3	6	-19	1		
71907 INUKJUAQ A, QUE	5828N	07805W	28		1015.1	1018.4	-9.9	1.3	2.8		7	32	13	5		
71915 CORAL HARBOUR A,	6411N	08321W	64		1012.1	1020.7	-15.9	1.1	1.7		2	8	-7	1		
71917 EUREKA, NU	7959N	08556W	11		1020.5	1021.9	-27.3	.7	.6		1	4	1	5		
71923 ENNADAI LAKE (AUT), NU	6107N	10050W	353		976.3	1021.7	-11.3		2.6			2				
71945 FORT NELSON A, BC	5850N	12230W	389		971.0	1018.1	2.7	.5	4.3		3	5	-15	2		
71950 SMITHERS A, BC	5449N	12710W	522		954.5	1017.4	4.0	-.4	5.2		6	40	22	5		
71964 WHITEHORSE A, YT	6042N	13500W	706		931.9	1017.7	.8	.5	3.6		2	6	-2	3		
71966 DAWSON, YT	6403N	13900W	370		971.5	1017.6	-.5		3.6							
71984 PAULATUK, NWT	6921N	12400W	6		1021.2	1022.1	-13.3		2.0		2	5				
71989 MOULD BAY CS, NWT	7614N	11920W	2		1023.7	1025.4	-24.5		.9		7	27		5		
71990 MACMILLAN PASS, NWT	6314N	13000W	1379		857.0	1020.1	-9.4		2.5		26	56				
ST. PIERRE AND MIQUELON																
71805 SAINT-PIERRE	4646N	05611W	23		1012.8	1015.6	2.0		6.1		8	72			162	
MEXICO																
76225 CHIHUAHUA, CHIH.	2838N	10600W	1433		860.6	1007.1	20.4		4.9		1	1		0	276	
76243 PIEDRAS NEGRAS, COAH.	2842N	10030W	250		984.2	1012.3	25.2		16.4		7	27		2	233	
76256 EMPALME, SON.	2757N	11040W	12		1011.6	1012.7	23.4		13.9		0	0		0	276	
76311 CHOIX, SIN.	2644N	10810W	238		984.6	1012.1	25.0		14.8		0	0		0	269	
76342 MONCLOVA, COAH.	2653N	10120W	615		944.7	1012.5	26.0		11.7		0	0		0	285	
76390 SALTILLO, COAH.	2522N	10100W	1790		822.0	1009.0	18.8		7.8		01	1		0	296	
76393 MONTERREY, N.L.	2544N	10010W	515		954.7	1010.4	26.0		15.8		6	21		3	252	150
76402 CIUDAD CONSTITUCION, BCS	2457N	11140W	48		1009.2	1014.8	20.0		14.3		0	0		0	287	
76405 LA PAZ, BCS	2410N	11010W	18		1011.8	1013.9	23.2		15.4		0	0		0	321	
76423 DURANGO, DGO.	2403N	10430W	1872		814.8	1005.2	21.0		6.0		1	1		2	328	
76458 COLONIA JUAN CARRASCO MAZATL	2312N	10620W	4		1012.6	1013.1	22.7	.2	20.3	-.6	0	0	-3	0	324	127
76548 TAMPICO, TAMP.	2212N	09751W	25		1012.0	1015.0	25.4	.5	24.7	-.2	1	17	-3	4	238	135
76556 TEPIC, NAY.	2131N	10450W	915		911.0	1011.5	21.8		16.5		0	0		0	342	
76577 GUANAJUATO, GTO.	2100N	10110W	1999		803.8	1008.5	21.2	.8	14.3	3.2	2	12	-1	1	278	107
76581 RIO VERDE, S.L.P.	2156N	09959W	983		902.2	1009.2	24.8		17.3		0	0		1	310	
76585 MATLAPA, S.L.P.	2119N	09849W	132		997.6	1013.0	26.4		24.0		3	25		1	240	
76634 TULANCINGO, HGO.	2005N	09822W	2181		785.3	1011.0	18.5		10.3		7	8		2	287	
76640 TUXPAN.VER.	2057N	09724W	28		1012.2	1013.3	26.4		29.6		2	38		3	223	
76644 AEROP.INTERNACIONAL MERIDA,	2059N	08939W	9		1012.3	1013.6	28.4	.8	22.8	.1	0	0	-23	1	290	114
76647 VALLADOLID, YUC.	2041N	08812W	27		1011.1	1014.1	28.4		28.0		1	40		3	307	
76654 MANZANILLO, COL.	1903N	10410W	3		1013.2	1013.6	24.5		23.5		0	0		0	287	
76656 CIUDAD GUZMAN, JAL.	1943N	10320W	1515		850.5	1012.8	20.9		14.8		0	0		0	318	
76665 MORELIA, MICH.	1942N	10110W	1913		811.4	1007.6	21.8	1.9	8.4	-2.5	2	9	-2	3	295	143
76675 TOLUCA, MEX.	1917N	09941W	2720		738.7	1010.4	15.0		6.7		4	36		4	285	
76680 MEXICO (CENTRAL),	1924N	09911W	2303		775.0	1004.9	20.0	1.8	10.5	.9	3	15	-12	0	268	128
76683 TLAXCALA, TLAX.	1919N	09815W	2248		782.1	1010.6	20.3		11.9		1	2		1	230	
76687 JALAPA, VER.	1933N	09655W	1389		867.4	1013.2	20.7		16.4		6	73		3	158	
76692 HACIENDA YLANG YLANG VERACRU	1909N	09607W	16		1010.9	1012.8	26.6	1.0	27.8	1.3	2	4	-18	3	257	125

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
76695 CAMPECHE, CAMP.	1951N	09033W	5		1011.5	1012.1	28.0		25.3		0	0		1	298	
76698 FELIPE CARRILLO PUERTO, Q.RO	1942N	08754W	12		1013.8	1015.0	28.7		25.2		3	20		3	284	
76726 CUERNAVACA, MOR.	1853N	09914W	1618		838.2	1005.8	24.1		8.3		3	5			291	
76737 ORIZABA, VER.	1851N	09706W	1259		876.6	1012.0	21.4		16.6		4	31		1	192	
76750 CHETUMAL, Q.R.	1829N	08818W	7		1014.2	1015.2	28.9		26.1		4	26		4	245	
76762 CHILPANCINGO, RO.	1733N	09930W	1265		875.1	1010.2	23.2		16.3		0	0		2	288	
76805 ACAPULCO, GRO.	1650N	09956W	3		1011.7	1012.2	27.5	.4	27.9	-2	0	0	-5	0	306	112
76845 SN. CRISTOBAL LAS CASAS, CHI	1645N	09238W	2116		793.8	1012.7	16.1		13.0		9	53		2	205	
76848 COMITAN, CHIS.	1615N	09208W	1646		838.1	1006.6	20.4		14.2		1	5		1	255	
76855 PUERTO ANGEL, OAX.	1541N	09629W	46		1006.2	1010.7	27.5		26.5		0	0		0	291	
BERMUDA																
78016 BERMUDA INTERNATIONAL AIRPOR	3222N	06440W	130		1020.4	1020.8	19.3		15.8		10	65			238	
BAHAMAS																
78073 NASSAU AIRPORT NEW PROVIDENC	2503N	07728W	7		1018.3	1019.1	24.9	1.5	22.5	1.4	2	9	-44	1	307	111
JAMAICA																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1015.3	1015.4	25.6	.8	27.0		6	0079			233	115
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1014.0	1015.6	27.7		25.0		1	1		1	275	105
PUERTO RICO AND US POSS																
78526 SAN JUAN/INT.,	1825N	06559W	4			1016.7	26.4	.1	24.2		11	71	-24	3		
BELIZE																
78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5				27.5	.6			8	40	-11	2	224	83
EL SALVADOR																
78650 ACAJUTLA	1334N	08950W	15		1011.5		28.4	.0	29.1							
HONDURAS																
78720 TEGUCIGALPA	1403N	08713W	1007		903.1	1011.0	25.2	1.8	15.6	-1.0	0	0	-42	0	248	102
NICARAGUA																
78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1005.0	1011.2	29.0		23.7		0	0		1	283	
COSTA RICA																
78762 JUAN SANTAMARIA INT. AIRPORT	0959N	08413W	934		911.7	1012.5	23.9	.9	18.1		1	3	-76	1		
78767 PUERTO LIMON	1000N	08303W	5		1012.6	1012.8	26.1	.3	26.0		13	227	-59	3	190	109

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					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
NETHERLANDS ANTILLES & ARUBA 78866 JULIANA AIRPORT,	1802N	06307W	4		1016.6	1017.1	26.0	-1	21.6	-3.5	6	24	-43	1	293	111
GUADELOUPE & OTHER FRENCH IS 78890 LA DESIRADE	1620N	06100W	33		1013.0	1016.1	26.1		25.4		11	49				
GUADELOUPE 78894 GUSTAVIA, 78897 LE RAISET, GUADELOUPE	1754N 1616N	06251W 06131W	45 11		1011.6 1015.4	1016.9 1016.3	25.9 24.9	-1.0	24.5 23.8	-3	4 18	10 122	-48 -1	1 4	190	
MARTINIQUE 78922 CARAVELLE 78925 LE LAMENTIN	1446N 1436N	06053W 06100W	33 8		1011.4 1014.7	1016.0 1015.6	26.1 26.0	.1	24.8 25.0	-1.1	19	162	67	5	193	78
BARBADOS 78954 GRANTLEY ADAMS	1304N	05929W	56		1008.4	1014.8	26.6		26.7		9	71		4	257	
TRINIDAD AND TOBAGO 78970 PIARCO INT. AIRPORT,	1037N	06121W	15		1011.1	1013.6	27.2	.7	25.8	-1.8	3	28	-23	3	269	114
CURACAO AND BONAIRE 78988 HATO AIRPORT, CURACAO	1212N	06858W	9		1011.7	1012.6	27.4	.1	27.2	-3	1	8	-11	2	282	118
COLOMBIA 80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6				27.5	.2	28.3	-3	2	7	-27	2	298	110
S AMERICA																
COLOMBIA 80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1009.2	1009.7	29.4	.8	28.7	.6	1	39	29	6	272	120
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1009.8	1010.0	27.9	.4	29.5	.5	1	38	7	5	255	118
80028 BARRANQUILLA/ERNESTO CORTISS	1053N	07447W	30		1007.3	1010.9	27.3	-2	28.2	-4	0	0	-25	1	260	129
80084 APARTADO/LOS CEDROS	0749N	07642W	20				27.6		30.1		11	228			139	115
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				28.1	.1	29.1	.2	11	205	-56	2	174	121
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		881.1		21.8		22.3		11	187	34	5	137	100
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		975.6	1010.2	26.1	-9	26.7	.7	10	96	-10	3	154	108
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		991.2	1005.8	27.1	-5	27.3	.5	10	137	16	3	214	141

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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.
80112 RIONEGRO/J.M.CORDOVA	0608N	07526W	2142		791.1		16.9		16.4		15	192			124	110
80139 PUERTO CARRENO/A.GUAUQUEA	0610N	06730W	55				30.5	1.3	24.8	-5	6	116	2	3	222	131
80144 QUIBDO/EL CARANO	0543N	07637W	53				25.2	-1.4			26	592	-13	2	29	32
80210 PEREIRA/MATECANA	0449N	07544W	1342		867.3		21.2	-4	21.2	1.6	20	269	34	4	130	98
80214 IBAGUE/PERALES	0426N	07509W	928				23.5	-1	23.0	.1	13	173	-21	2	150	113
80222 BOGOTA/ELDORADO	0442N	07409W	2547		752.6		13.8	.0	12.7	-2	8	55	-56	2	100	91
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		960.7	1009.7	25.8	.4	25.8	.5	20	449	-68	3	87	83
80259 CALI/ALFONSO BONILLA ARAGON	0333N	07623W	969		905.1		23.8		21.8		7	20	-103	0	157	110
80315 NEIVA/BENITO SALAS	0258N	07518W	443		959.0	1008.8	26.9	-5	25.8	1.1	14	118	-30	3	136	93
80370 IPIALES/SAN LUIS	0049N	07738W	2961				11.7	.5	11.4	.0	10	86	-22	2	124	119
80398 LETICIA/VASQUEZ COBO	0410S	06957W	84		1002.3	1011.9	25.8	-1	29.3	.1	17	370	12	3	137	100
VENEZUELA																
80403 CORO	1125N	06941W	17		1011.5	1013.4	28.1	.5	29.9		1	1	-17	2	269	115
80410 BARQUISIMETO	1004N	06919W	614		945.0		23.9	-4	20.8		3	22	-43	2	164	90
80413 MARACAY - B.A. SUCRE	1015N	06739W	437		963.6	1011.8	26.9	.6	25.8		3	12	-33	2	263	117
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1007.7	1013.1	27.4	1.7			1	2	-27	1	248	136
80416 CARACAS/LA CARLOTA	1030N	06653W	835		919.7				19.4		2	13	-46		215	117
80419 BARCELONA	1007N	06441W	7		1012.5	1013.4	27.6	.1	24.1		1	2	-6	3	159	61
80420 CUMANA	1027N	06411W	4		1011.6	1012.2	24.8		22.5		01	1			262	115
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	24		1010.7	1012.9	27.5		29.3		1	1			282	110
80423 GUIRIA	1035N	06219W	14		1001.3	1001.4	26.6	-8	23.9		5	36	18	5	286	122
80425 MENE GRANDE	0949N	07056W	28		1008.2	1011.3	28.6	1.0	28.8		7	125	5	3	209	129
80426 VALERA	0921N	07037W	582		948.4	1012.6	24.4		25.6		9	63			132	95
80427 ACARIGUA	0933N	06914W	226		986.7	1011.9	27.3	.3	24.3		3	43	-63		184	116
80428 GUANARE	0901N	06944W	163		991.2	1009.5	28.2	1.0	23.4		7	75	-56		172	122
80431 SAN JUAN DE LOS MORROS	0955N	06720W	429		1006.8	1009.3	28.1		21.8		3	14			265	120
80432 CARRIZAL	0925N	06655W	161		990.1	1008.1	26.6		27.6		0	0			276	120
80434 VALLE DE LA PASCUA	0913N	06601W	125		991.9	1006.6	28.6		22.7		1	2			252	
80435 MATURIN	0945N	06311W	66		1004.9	1012.5	27.4	.8	24.5		6	57	20	4	225	99
80437 EL VIGIA	0838N	07139W	103		1001.1	1004.6	27.0				15	280			126	
80438 MERIDA	0836N	07111W	1498		852.8	1525 Y	20.2	.9	19.3		12	81	-96	1	203	115
80440 BARINAS	0837N	07013W	204		991.0	1011.9	28.1				7	103			138	
80442 CALABOZO	0856N	06725W	101		1000.2	1011.2	30.5		23.4		0	T			263	
80444 CIUDAD BOLIVAR	0809N	06333W	48		1005.4	1010.6	28.9	.2	29.0		01	1	-26	2	263	112
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378		967.4	1009.6	24.4	-1.1	23.8		4	22	-86	1	116	88
80448 GUASDUALITO	0714N	07048W	131				25.8	-9	26.1		10	85	-56		193	126
80450 SAN FERNANDO DE APURE	0754N	06725W	48		1005.9	1011.3	30.1	1.4	35.6		1	23	-49	2	259	120
80453 TUMEREMO	0718N	06127W	181				25.6	-1	27.5		1	282	204	6	162	89
80462 SANTA ELENA DE UAIREN	0436N	06107W	907				23.1	1.3	21.8		12	135	-30	3	201	106
80472 VALENCIA	0101N	06756W	431		963.6	1011.0	27.0		23.5		3	11			251	
80475 STO. DOMINGO	0735N	07204W	327		976.7	1013.5	23.7		23.8		6	241			85	85
SURINAME																
81225 ZANDERIJ	0527N	05512W	15		1010.7	1013.1	25.9				18	191				

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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.
FRENCH GUIANA																
81401 SAINT-LAURENT-DU-MARONI	0530N	05402W	9		1012.1	1012.6	26.1		28.5		20	258	10			
81405 ROCHAMBEAU	0450N	05222W	9		1011.7	1012.7	26.5		27.7		20	365	-34		148	98
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1011.3	1012.1	26.1		28.2		16	136	-294			
81415 MARIPASOULA	0338N	05402W	104		1000.5	1012.5	26.1		28.0		16	136	-164			
BRAZIL																
82024 BOA VISTA	0249N	06039W	90				29.2								217	
82098 MACAPA	0002N	05103W	15		1010.1	1011.9	26.8	.9	31.1		16	364	-20	3	125	110
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90				26.2		30.0		14	242		2	160	
82113 BARCELOS	0059S	06255W	40				26.5	.6	31.1		14	377	-119	5	115	86
82145 TRACUATEUA (BRAGANCA)	0105S	04656W	36		1007.9	1012.5	26.4	1.0	30.4		24	508	55	5	88	85
82181 MONTE ALEGRE	0200S	05405W	146		999.6	1013.7	26.5	.7	29.7		17	339	44	4	165	123
82184 PORTO DE MOZ	0144S	05214W	16		1010.5	1012.2	26.9	.8	30.6		16	146	-220	0	136	105
82191 BELEM	0127S	04828W	10		1010.5	1011.1	26.1	-6	31.1		24	470	110	4	118	98
82212 FONTE BOA	0232S	06610W	56		1003.8	1011.7	26.6		30.4		17	235		2	97	
82246 BELTERRA	0238S	05457W	176		992.9	1012.7	25.8	1.1	30.5		13	250	-33	2	126	99
82280 SAO LUIZ	0232S	04418W	51		1006.0	1011.8	25.9	.1	30.1		26	767	295	5	59	52
82331 MANAUS	0308S	06001W	72		1003.8	1012.0	26.7	.4	30.6		18	222	-78	1	114	103
82336 ITACOATIARA	0308S	05826W	40				27.0	1.4	30.4		16	181	-90	1		
82397 FORTALEZA	0346S	03836W	26		1009.0	1012.1	26.0	-5	30.0		19	561	213	5	116	76
82410 BENJAMIN CONSTANT	0423S	07002W	65				26.3				15	226		2	128	
82425 COARI	0405S	06308W	46				26.9		29.3		13	336		4		
82445 ITAITUBA	0416S	05559W	45		1009.0	1013.7	27.2	.8	30.7		20	369	138	5	143	104
82460 BACABAL	0415S	04447W	25		1008.9	1011.8	26.6		31.1		25	468		4	140	95
82533 MANICORE	0549S	06118W	50		1006.2	1011.7	26.4		30.1		21	431		5	103	
82562 MARABA	0521S	04909W	95		1000.0	1010.9	26.4	.2	29.6		17	347	49	5	162	101
82571 BARRA DO CORDA	0530S	04516W	153		993.9	1011.4	25.9	.8	29.3		19	492	294	5		
82578 TERESINA	0505S	04249W	74		1003.2	1013.5	25.9	-4	29.5		20	546	279	5	169	97
82586 QUIXERAMOBIM	0512S	03918W	212		987.5	1011.4	25.2	-1.1	25.0		22	329	134	5	158	89
82598 NATAL	0546S	03512W	45		1006.9	1012.3	27.3		30.3		22	365		3	203	115
82678 FLORIANO	0646S	04301W	127		997.9	1013.8	26.4	.1	29.5		20	250	104	4	145	75
82704 CRUZEIRO DO SUL	0738S	07240W	170		987.8	1007.2	25.3		29.0		21	238		4	70	
82723 LABREA	0712S	06450W	60		1005.3	1011.7	26.0		31.3		19	290		3	80	
82765 CAROLINA	0720S	04728W	193		990.7	1014.7	26.4	.5	29.6		21	292	104	5	148	91
82784 BARBALHA	0719S	03918W	409		966.2	1011.2	24.7	.2	28.1		22	394	185	5	133	65
82861 CONCEICAO DO ARAGUAIA	0815S	04917W	157		991.9	1008.9	26.0	.2	29.3		21	407	214	6	140	89
82900 RECIFE	0803S	03455W	7		1010.3	1012.2	26.4	.5	29.7		17	339	13	3	196	106
82915 RIO BRANCO	0958S	06748W	160		994.2	1012.4	25.4	.1	29.6		21	441	268	6	117	94
82983 PETROLINA	0923S	04029W	370		970.0	1011.2	26.3	.5	25.6		11	173	92	5	190	88
82986 PAULO AFONSO	0924S	03813W	253		982.7	1010.9	27.0	1.5	26.6		10	170	89	5	216	101
83064 PORTO NACIONAL	1043S	04835W	239		984.0	1010.8	29.2		29.2		13	198	50	4	138	73
83096 ARACAJU	1055S	03703W	5		1011.8	1012.5	27.7	.9	28.8		10	156	-86	2	230	110
83186 JACOBINA	1111S	04028W	485		957.8	1010.9	25.1	.5	25.1		10	216	125	5	185	106

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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.
83229 SALVADOR	1301S	03831W	51		1007.6	1013.5	26.0	.8	29.7		17	507	186	5	146	77
83235 TAGUATINGA	1224S	04626W	604		944.0	1010.4			24.9		17	349	208	6		
83236 BARREIRAS	1209S	04500W	439		962.0	1010.9	24.7	.4	26.3		18	218	123	5	157	74
83242 LENCOIS	1234S	04123W	439				24.6	.5			16	290	140	5	165	104
83264 GLEBA CELESTE	1212S	05630W	415		968.4	1014.8	25.9	1.4	26.9		11	67	-72	1	181	111
83288 BOM JESUS DA LAPA	1316S	04325W	440		962.1	1011.0	25.1	-2	26.4		10	92	29	5	193	84
83332 POSSE	1406S	04622W	826		921.2	1011.0	23.4	-.1	23.4		19	243	125	3	133	64
83344 VITORIA DA CONQUISTA	1457S	04053W	840		917.1	1013.1	20.9	.2	23.5		17	195	137	6	139	99
83358 POXOREO (POXOREU)	1550S	05423W	450		970.0	1009.8	24.6		26.0		10	87		0	186	
83377 BRASILIA	1547S	04756W	1159		887.3	1011.4	20.9	-.5	19.6		12	376	253	6	140	70
83423 GOIANIA	1640S	04915W	741			1011.5	24.0	.4	21.4		12	258	138	6		
83437 MONTES CLAROS	1643S	04352W	646			1012.3	23.1	.4	22.3		12	65	24	4	164	73
83498 CARAVELAS	1744S	03915W	3		1013.9	1014.3	26.1	.6	28.6		13	163	19	4	129	65
83550 SAO MATEUS	1842S	03951W	25				25.6	.9			9	169	74	4	160	90
83552 CORUMBA	1905S	05730W	130		996.9	1014.2	27.9	1.9	25.0		3	34	-44	1		
83565 PARANAIBA	1942S	05111W	331		965.6	1012.0	24.9	2.4	21.2		2	4	-77	0	269	116
83579 ARAXA	1934S	04656W	1004		902.7	1013.9			19.4		10	140	41	5	207	96
83587 BELO HORIZONTE	1956S	04356W	850		912.6	1012.0	22.4	1.3	17.8		4	24	-37	1	187	82
83592 CARATINGA	1948S	04209W	609		946.2	1013.2	21.7	.0	14.2		9	0084	0006	4	196	99
83618 TRES LAGOAS	2047S	05142W	313								2	22	-61	1	278	132
83630 FRANCA	2033S	04726W	1026		904.1	1014.3	21.0	3.5	18.5		5	59	-20	2	224	190
83648 VITORIA	2019S	04020W	36				25.5	.3			13	230	141	5	183	90
83676 CATANDUVA	2108S	04858W	536		951.8	1013.7	23.3	1.1	20.4		5	42	-25	2	227	106
83698 CAMPOS	2145S	04120W	11		1014.4	1015.8	25.1		24.9		8	120		5		
83702 PONTA PORA	2232S	05542W	650				23.7	2.6	17.9		0	0	-124	0		
83704 IVINHEMA	2219S	05356W	369		970.0						0	0	-102	0	258	121
83716 PRESIDENTE PRUDENTE	2207S	05123W	436		963.9	1012.7	24.9		19.6		2	20		1	296	
83726 SAO CARLOS	2201S	04753W	856		919.8	1016.3	20.8	.6	19.0		7	99	26	3	218	183
83738 RESENDE	2229S	04428W	440		966.1						8	62		2	166	105
83766 LONDRINA	2323S	05111W	566		950.6	1015.2	23.1	1.9	25.5		1	33	-81	1	277	134
83781 SAO PAULO	2330S	04637W	792		927.3	1016.1	20.5	.8	18.3		4	52	-23	2	138	99
83836 IRATI	2528S	05038W	837		917.7	1014.8	17.9		16.5		2	16		1	176	110
83842 CURITIBA	2525S	04916W	924		913.8	1016.4	18.4	1.7	17.5		6	53	-37	2	174	127
83881 IRAI	2711S	05314W	247		985.4	1013.5	21.7	2.3	17.8		3	26	-119	1	238	130
83897 FLORIANOPOLIS	2735S	04834W	2		1015.9	1016.2	22.5	1.1	21.7		8	314	218	6	202	113
83967 PORTO ALEGRE	3001S	05113W	47		1011.3	1017.0	20.9	.8	19.1		3	31	-55	1	207	115
83980 BAGE	3120S	05406W	242		988.5	1016.7	18.4	.8	15.9		01	1	-102	0	216	129
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1014.8	1019.1	18.2	.9	17.2		3	19	-55	1	231	118
ECUADOR																
84008 SAN CRISTOBAL (GALAPAGOS)	0054S	08937W	8		1010.1		26.4	-1.9	30.1		4	60	-11	4	236	
84088 IZOBAMBA	0021S	07833W	3058		707.4		12.1	.4	11.8		22	190	-5	1	119	
84132 NUEVO ROCAFUERTE	0055S	07525W	265		989.5		25.4		28.4		19	214	-98	1	72	
84135 PORTOVIEJO	0102S	08027W	60		1005.9		27.4	1.2	23.8		8	22	-37	1	165	
84140 PICHILINGUE	0106S	07929W	120		1001.2		26.2	.5	27.8		9	201	-155	1	113	
84179 PUYO	0130S	07754W	960		906.9		21.4	.4	22.5		24	560	81	1	62	

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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.
84226 CANAR	0233S	07856W	3083				11.7	-3.3	11.1		11	26	-40	1	142	
84270 LOJA/LA ARGELIA	0402S	07912W	2160				16.6	.4	13.5		13	92	5	1	130	
BOLIVIA																
85033 GUAYARAMERIN	1049S	06521W	130		995.5	1010.5	26.7		29.8		16	148		2		
85041 COBIJA	1102S	06847W	235		983.5	1009.9	26.1		28.8		19	438		6		
85043 RIBERALTA	1100S	06607W	141		994.7	1010.8	26.9		29.7		18	236		4		
85104 SAN JOAQUIN	1304S	06449W	140		992.1	1008.1	27.1		29.9		19	315		6		
85109 SAN RAMON	1318S	06442W	140		993.3	1009.5	27.2		30.3		15	159				
85114 MAGDALENA	1320S	06407W	140		994.0	1010.3	26.7		29.9		11	166		5		
85123 SANTA ANA	1346S	06526W	144		994.7	1011.2	27.4		28.7		12	285		5		
85140 REYES	1419S	06723W	140		992.4	1013.4	26.0		28.1		10	133				
85141 RURRENABAQUE	1428S	06734W	204		988.9	1011.8	26.4		29.9		14	264		4		
85152 SAN BORJA	1452S	06652W	194		987.1	1010.2	26.7		28.7		8	252		5		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		991.2	1009.6	26.7		29.0		8	427		6		
85154 TRINIDAD	1449S	06455W	155		994.3	1012.0	26.7		28.7		12	1238		6		
85175 ASCENCION DE GUARAYOS	1543S	06306W	247		984.3	1012.9	26.3		27.7		8	108		5		
85195 SAN JAVIER	1616S	06228W	534		953.0	1013.2	24.4		26.0		8	109		5		
85196 CONCEPCION	1609S	06201W	497		956.6	1013.1	24.8		25.4		5	141		5		
85201 LA PAZ/ALTO	1631S	06811W	4058		630.9		7.9		6.6		8	21		2		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		967.5	1014.3	25.1		26.2		8	93		4		
85210 SAN MATIAS	1620S	05823W	124		998.4	1012.6	27.7		30.8		6	100				
85223 COCHABAMBA	1725S	06611W	2548		751.3		17.2		11.9		3	36		5		
85242 ORURO	1758S	06704W	3072		656.4		10.3		6.9		2	19		4		
85244 VIRU-VIRU	1738S	06308W	373		970.6	1012.4	25.5		23.6		10	64				
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		964.7	1012.1	25.9		22.6		7	104		3		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		980.8	1014.7	26.4		25.8		4	55		3		
85264 VALLEGRANDE	1828S	06406W	1998				16.4		14.7		5	9				
85268 ROBORE	1819S	05946W	276		982.4	1014.7	25.7		27.0		3	51		2		
85283 SUCRE	1901S	06518W	2904		722.3		13.5		12.4		4	32		3		
85289 PUERTO SUAREZ	1859S	05749W	134		995.1	1010.4	27.5		26.0		1	11		1		
85293 POTOSI	1933S	06544W	3935		638.3		8.0		7.0		4	20				
85312 MONTEAGUDO	1947S	06355W	992		884.7		21.4		19.9		4	17				
85315 CAMIRI	2000S	06332W	798		925.4	1014.1	22.4		21.1		5	64		3		
85345 VILLAMONTES	2115S	06327W	398		968.0	1013.7	24.5		25.8		5	96				
85364 TARIJA	2133S	06442W	1854		817.2		18.4		15.5		7	1002		6		
85365 YACUIBA	2157S	06339W	645		940.8	1013.9	22.4		23.8		6	90		2		
85394 BERMEJO	2246S	06419W	381		970.0	1013.4	23.9		25.0		6	41				
CHILE																
85406 ARICA	1821S	07020W	55		1008.9	1013.4	20.2	.7	15.1	-1.7	0	0	0	5	296	135
85418 IQUIQUE	2032S	07011W	48		1008.1	1014.0	20.4	2.1	18.2	2.2	0	0	-T	4	295	120
85442 ANTOFAGASTA	2326S	07027W	140		997.5	1013.8	17.5	.7	15.8	.7	1	2	2	5	247	95
85469 ISLA DE PASCUA	2710S	10920W	69		1010.6	1018.5	22.2		20.1		9	58		1	212	105
85488 LA SERENA	2955S	07112W	146		999.5	1015.4	13.9	.2	13.8	.3	0	T	-1	3	93	55

SURFACE

APRIL 2009

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.
85574 PUDAHUEL	3323S	07047W	474		959.9	1014.7	15.9		11.4		0	0		1	273	135
85577 QUINTA NORMAL	3326S	07041W	520		955.0	1015.1	16.1		12.4		0	0		1	243	125
85585 JUAN FERNANDEZ	3337S	07849W	30		1015.3	1018.8	18.8		15.8		7	19		1	162	130
85629 CURICO	3458S	07113W	220								0	T	-32	1	231	135
85672 CHILLAN	3635S	07202W	148								2	5	-49	1	219	115
85682 CONCEPCION	3646S	07304W	148		1016.3	1017.1	13.5	1.5	12.1	.4	3	14	-42	1	198	100
85743 TEMUCO	3846S	07238W	93		1006.7	1017.9	12.4	1.4	11.8	.8	8	59	-21	3	169	110
85766 VALDIVIA	3938S	07305W	19								8	81	-52	2	137	100
85782 OSORNO	4036S	07303W	58								6	88	-17	3		
85799 PUERTO MONTT	4126S	07306W	90		1007.2	1018.2	11.6	1.5	13.0	2.1	12	141	-2	3	114	105
85864 COYHAIQUE	4536S	07206W	311		973.1	1009.5	9.4	1.2			12	120	6	4	143	100
85874 BALMACEDA	4555S	07142W	522		949.4	1011.7	7.8	1.3	7.4	.4	8	60	7	4		
85934 PUNTA ARENAS	5300S	07051W	43		995.1	1000.1	6.4	.4	7.5	.0	14	74	38	5	88	70
PARAGUAY																
86011 ADRIAN JARA	1932S	05922W	150		996.7	1014.0	25.3		22.4		2	28		2		
86065 PRAT GILL	2242S	06130W	220		988.8	1014.0	24.8		19.9		3	13		1		
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	167		993.4	1011.2	26.1	2.1	20.9	.6	2	20	-57	1		
86086 LA VICTORIA	2217S	05756W	88		1003.7	1013.6	26.0	1.4	18.4	-4.3	1	60	-47	1		
86097 PEDRO JUAN CABALLERO	2335S	05544W	652		951.6	1012.9	24.2		17.8		0	0		0		
86128 POZO COLORADO	2327S	05852W	99		1000.1	1011.4	25.7		20.0		1	10		0		
86134 CONCEPCION	2325S	05718W	74		1004.1	1013.3	24.5	1.0	19.0	-2.7	1	3	-119	0		
86185 SAN PEDRO	2404S	05705W	80		1005.1	1014.4	23.2		18.1		3	37		1		
86210 SALTOS DEL GUAIRA	2403S	05419W	265		978.4	1012.7	23.7		20.0		2	15		0		
86218 ASUNCION/AEROPUERTO	2515S	05731W	101		1004.3	1013.8	24.3	1.5	20.6	.1	3	27	-129	1		
86233 VILLARRICA	2546S	05626W	161		994.1	1012.6	23.5	1.7	19.7	-.7	3	37	-132	1		
86246 AEROPUERTO INT. GUARANI	2521S	05427W	236		987.2	1015.2	23.4		20.4		4	69		2		
86255 PILAR	2651S	05819W	59		1008.2	1014.6	21.9	-.1	18.1	-2.4	2	18	-160	0		
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126		998.1	1012.6	23.4	2.4	19.8	1.3	3	23	-138	1		
86297 ENCARNACION	2720S	05550W	91		1003.0	1013.6	22.5	2.5	19.9	1.1	3	47	-115	1		
URUGUAY																
86330 ARTIGAS	3023S	05630W	123		1001.7	1016.0	20.5	1.6	14.7	-2.1	3	18	-101	1	248	138
86350 RIVERA	3053S	05532W	242		988.5	1016.5	19.5		15.2		1	9		0	233	130
86430 PAYSANDU	3220S	05802W	61		1009.8	1017.1	19.1		15.9		4	30		1	253	125
86440 MELO	3222S	05611W	100			1017.0	17.6	.4	14.6	.1	1	1	-78	0	244	127
86560 COLONIA	3427S	05750W	22		1013.2	1016.8	18.6	.7	15.5	-.2	4	26	-65	1		
86565 ROCHA	3429S	05418W	18		1014.8	1017.1	17.3	.7	14.8	-1.4	2	11	-61	1	231	122
ARGENTINA																
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3462		675.2	3157 Z	10.6	.4	7.0	1.2	1	10	1	3	270	
87016 ORAN AERO	2309S	06419W	357		971.7	1012.0	22.6	1.7	22.6	.9	7	47	-34	2	163	
87022 TARTAGAL AERO	2239S	06349W	450		960.0	1010.3	22.2		21.8		6	65			185	
87046 JUJUY AERO	2423S	06505W	921		912.9	1517 Y	19.9		18.7		5	79		4	176	115

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
87047 SALTA AERO	2451S	06529W	1238		881.5	1532 Y	18.4	2.2	16.9	1.6	6	29	-7	3	184	157
87078 LAS LOMITAS	2442S	06035W	130				25.6	3.4	19.9	-3	4	62	-30	2	258	123
87097 IGUAZU AERO	2544S	05428W	270		983.1	1016.1	22.5		19.7		4	89		2	154	
87121 TUCUMAN AERO	2651S	06506W	450		962.7	1013.3	21.8		19.8		2	36			193	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		984.0	1014.4	22.3	2.3	17.5	-2	2	30	-7	3	232	143
87148 PRESIDENCIA ROQUE SAENZ PENA	2644S	06029W	93		1003.0	1013.7	22.7		16.8		1	25		1	251	
87155 RESISTENCIA AERO	2727S	05903W	53		1008.7	1014.8	22.3		16.9		4	53		1	238	135
87162 FORMOSA AERO	2612S	05814W	60		1007.0	1013.9	23.8	1.8	17.6	-3.4	2	18	-135	1	267	133
87178 POSADAS AERO.	2722S	05558W	131		999.8	1014.3	23.6	2.4	17.3	-2.3	3	60	-94	2	240	131
87217 LA RIOJA AERO.	2923S	06649W	438		963.9	1011.8	24.4	4.6	16.1	.2	0	0	-18	1	228	115
87222 CATAMARCA AERO.	2836S	06546W	454		959.7	1000.5	24.5		16.8		0	0		0	210	105
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		976.5	1016.3	21.2	3.4	18.0	1.5	0	T	-68	1		
87257 CERES AERO	2953S	06157W	88		1005.0	1015.0	22.0	2.9	16.9	-7	2	16	-64	1	239	121
87270 RECONQUISTA AERO	2911S	05942W	53		1009.8	1016.0	21.2	1.3	16.6	-3.2	2	31	-117	1	205	100
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1007.9	1016.9	21.5	1.9	17.3	-4	2	22	-148	1	243	135
87305 JACHAL	3015S	06845W	1175		884.8	1517 Y	18.9		11.8		0	0		1	291	
87311 SAN JUAN AERO	3124S	06825W	598		946.3	1013.6	20.6		12.0		0	0		1	285	110
87320 CHAMICAL AERO	3022S	06617W	467		961.1	1013.1	22.3	3.0	15.3	.4	0	0	-18	0	223	
87328 VILLA DOLORES AERO	3157S	06508W	569		949.1	1013.2	21.1	3.2	14.7	.8	1	27	-8	3	255	118
87344 CORDOBA AERO	3119S	06413W	484		961.3	1015.1	20.7	3.5	14.1	-9	1	3	-48	1	244	125
87349 PILAR OBSERVATORIO	3140S	06353W	338		976.8	1015.8	20.5	3.4	14.6	-1	1	6	-46	1	251	125
87374 PARANA AERO	3147S	06029W	78		1007.5	1016.7	19.8	2.1	16.0	-1	5	85	-16	4	259	122
87393 MONTE CASEROS AERO	3016S	05739W	54		1010.3	1016.6	21.4	2.1	16.4	-1.0	4	36	-101	1	249	119
87395 CONCORDIA AERO	3118S	05801W	38		1011.8	1016.2	19.9	1.1	15.4	-1.4	3	45	-87	1	231	
87418 MENDOZA AERO	3250S	06847W	705		935.6	1019.1	19.6	3.5	11.2	-8	0	0	-12	1	202	92
87436 SAN LUIS AERO	3316S	06621W	713		933.6	1014.0	20.9	4.2	13.1	.8	1	26	-16	3	275	118
87448 VILLA REYNOLDS AERO	3344S	06523W	486		959.5	1015.3	18.3	2.8	12.9	-1	1	5	-38	1	259	127
87453 RIO CUARTO AERO	3307S	06414W	421		966.5	1014.2	20.0	3.6	14.4	.9	2	7	-40	0	244	
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1002.6	1016.0	19.4	2.4	15.3	-1	2	25	-36	4	242	124
87480 ROSARIO AERO	3255S	06047W	25		1013.2	1016.2	19.1	2.0	15.5	-3	4	46	-33	2	253	124
87497 GUALEGUAYCHU AERO	3300S	05837W	23		1014.1	1016.8	18.9	1.4	16.9	1.3	5	45	-40	1	236	123
87506 MALARGUE AERO	3530S	06935W	1426		859.8	1521 Y	13.7	2.4	8.1	-2	0	0	-14	1	276	
87509 SAN RAFAEL AERO	3435S	06824W	748		930.3	1014.2	17.5	2.7	10.5	-3	1	5	-15	2	244	118
87532 GENERAL PICO AERO	3542S	06345W	145		998.3	1015.8	18.8	2.9	12.7	-7	1	5	-66	1	125	71
87534 LABOULAYE AERO	3408S	06322W	137		999.4		18.7	2.5	12.3	-1.6	3	17	-54	1	303	146
87544 PEHUAJO AERO	3552S	06154W	87		1005.6	1015.8	18.3	2.9	12.9	-1.1	4	37	-45	2	261	
87548 JUNIN AERO	3433S	06055W	82		1006.5	1016.2	17.3	1.6	13.1	-1.1	6	110	28	4	251	127
87576 EZEIZA AERO	3449S	05832W	20		1015.1	1017.4	17.8	1.6	14.5	-1	4	34	-50	2	213	137
87623 SANTA ROSA AERO	3762S	06416W	191		990.0	1015.1	17.8	2.7	10.5	-2.2	0	T	-52	1	260	133
87641 AZUL AERO	3650S	05953W	147		999.9	1017.5	14.6		10.9		3	47		2	262	85
87645 TANDIL AERO	3714S	05915W	175		996.4	1017.2	14.0		10.5		2	59		3	240	125
87648 DOLORES AERO	3621S	05744W	10		1016.2	1017.3	15.0	.0	12.4	-1.6	2	50	-23	3	179	
87688 TRES ARROYOS	3820S	06015W	115		1002.5	1016.2	15.2		10.2		2	29		1	212	110
87692 MAR DEL PLATA AERO	3756S	05735W	21		1014.7	1017.2	14.9	.3	11.5	-2.0	2	38	-35	2	152	
87715 NEUQUEN AERO	3857S	06808W	271		983.9	1015.7	15.0	1.8	9.0	.2	0	0	-15	1	262	121
87750 BAHIA BLANCA AERO	3844S	06210W	83		1005.8	1015.6	16.9	2.3	10.3	-1.2	3	9	-53	1		

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STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
87765 BARILOCHE AERO	4109S	07110W	845		921.2	1502 Y	8.2	.5	7.8	.0	6	76	23	4	216	116
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1012.6	1015.0	15.7	.5	7.9	-2.1	0	0	-22	0	192	
87791 VIEDMA AERO	4051S	06301W	7		1013.6	1014.4	15.8		8.8		0	T		1	233	110
87803 ESQUEL AERO	4256S	07109W	799		914.4	1006.7	10.0	1.7	7.8	1.0	6	76	38	5	190	55
87828 TRELEW AERO	4312S	06516W	43		1007.1	1012.3	14.9	1.5	8.3	.7	2	9	-7	3	228	115
87852 PERITO MORENO AERO	4631S	07101W	429		958.1	1008.8	10.0		7.4		0	T			168	50
87860 COMODORO RIVADAVIA AERO	4547S	06730W	58		1004.1	1009.6	14.0	1.1	7.1	-2	2	5	-18	2	201	137
87896 PUERTO DESEADO AERO	4744S	06555W	81		997.9	1011.1	11.1	.7	7.8	-5	4	17	-8	3	132	
87904 EL CALAFATE AERO	5016S	07203W	204		982.8	1005.0	7.7		7.4		6	23			174	
87909 SAN JULIAN AERO	4919S	06745W	62		998.1	1005.6	10.5		7.7		3	17		3	156	
87925 RIO GALLEGOS AERO	5137S	06917W	20		999.8	1002.1	7.3	-2	7.3	.2	11	59	38	5	136	
87938 USHUAIA AERO	5448S	06819W	57		989.7	996.5	5.9	.2	7.1	-2	13	94	38	1	55	
ISLANDS																
88903 GRÝTVIKEN,	5416S	03630W	3		994.4	994.6	1.6		5.1						57	
ANTARCTICA																
ARGENTINA (ANTARCTIC)																
88963 BASE ESPERANZA	6324S	05659W	24				-6.3	1.0	3.4		3	14	-45	0	77	
88968 BASE ORCADAS	6044S	04444W	8		989.3	990.9	-9	1.4	5.2		14	77	4	3		
89034 BASE BELGRANO II	7752S	03437W	256		955.4	988.5	-16.5		1.5		15	63			35	
89053 BASE JUBANY	6214S	05838W	11		990.5	991.9	-1.7		4.9		9	28			12	
89055 BASE MARAMBIO (CENTRO MET. A)	6414S	05643W	208		966.6	991.9	-11.3		2.5		5	40			46	
89066 BASE SAN MARTIN	6807S	06708W	7		990.4	991.1	-5.2		3.5		4	16			43	
AUSTRALIA (ANTARCTIC)																
89564 MAWSON	6736S	06252E	16		989.7	991.8	-15.8		.9						148	
89571 DAVIS	6835S	07758E	23		986.4	989.4	-13.6		1.5		5	10	0	4	46	
89611 CASEY	6617S	11030E	42		980.7	986.1	-11.4		2.1		3	8			55	
CHILE (ANTARCTIC)																
89056 CENTRO MET. ANTARTICO PDTE.	6211S	05859W	48		985.1	990.4	-2.2		4.3	-2	3	10		1	34	
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		988.6	989.8	-3.0	1.1	3.7	.0	3	15	-63	1	46	
FRANCE (ANTARCTIC)																
89642 DUMONT D'URVILLE	6639S	14000E	43		986.4	992.0	-14.9		11.4						129	
GERMANY (ANTARCTIC)																
89002 NEUMAYER	7040S	00815W	50		982.2	987.6	-18.3		1.5						67	

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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.	
JAPAN (ANTARCTIC) 89532 SYOWA	6900S	03935E	21		985.7	988.6	-12.6	-2.7	1.8	-4					68		
UKRAINE (ANTARCTIC) 89063 VERNADSKY	6515S	06416W	11		988.9	990.0	-4.6		.1			39			71		
UNITED KINGDOM (ANTARCTIC) 89062 ROTHERA 89065 FOSSIL BLUFF	6734S 7120S	06808W 06817W	33 69		986.1 982.2	990.2 990.5	-4.8 -15.3		3.2 1.7						75		
URUGUAY (ANTARCTIC) 89054 DINAMET-URUGUAY	6211S	05851W	17		989.1	991.3	-1.4		4.9		8	50			17		
ANTARCTICA 89050 BELLINGSHAUSEN AWS 89512 NOVOLAZAREVSKAJA 89592 MIRNYJ 89606 VOSTOK	6212S 7046S 6633S 7827S	05856W 01150E 09301E 10650E	16 119 40 3488		988.9 973.4 981.7 624.1	990.8 988.7 987.5 10650E	-1.8 -14.0 -14.6 -67.6		4.5 1.2 1.6 .0		13 6 6 0	52 45 88 0		1 1	31 92 49		
SW PACIFIC																	
MALAYSIA (PENIN. MALAYSIA) 48601 PENANG/BAYAN LEPAS 48615 KOTA BHARU 48647 KUALA LUMPUR/SUBANG 48657 KUANTAN 48665 MALACCA 48674 MERSING	0518N 0610N 0307N 0347N 0216N 0227N	10010E 10210E 10130E 10310E 10210E 10350E	4 5 27 16 9 45		1008.7 1008.6 1006.6 1007.2 1008.6 1004.0	1009.1 1009.2 1009.1 1009.0 1009.6 1009.0	28.0 27.9 28.1 27.6 28.1 26.9	.3 .1 1.1 1.0 1.1 .2	31.0 30.0 28.7 31.1 30.1 30.5	-2 .0 -1.3 1.4 -3 .7	18 16 14 17 9 15	238 190 265 173 134 150	18 105 -19 10 -63 26	3 5 3 3 2 6			
SINGAPORE 48698 SINGAPORE/CHANGI AIRPORT	0122N	10350E	16		1007.3	1009.1	28.5	1.3	31.7	1.3	12	184	43	4	186	108	
USA (PACIFIC OCEAN NORTH) 91165 LIHUE, KAUAI, HAWAII 91182 HONOLULU, OAHU, HAWAII 91212 NWSO AGANA, GUAM, MARIANA IS 91285 HILO/GEN. LYMAN, HAWAII, HAW 91334 CHUUK, ECI	2159N 2121N 1328N 1943N 0727N	15920W 15750W 14440E 15500W 15150E	32 5 75 11 4			1018.4 1017.4 1010.9 1017.7 1009.3	21.1 23.7 28.1 20.6 28.3	-2.2 -6 .6 -2.0 .6	19.2 18.4 19.4 30.2		9 3 15 20 22	65 14 67 289 408	-23 -25 -32 -98 117	3 2 3 3 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.
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16740E	8			1010.2	28.0	.2	30.6		14	134	-57	3		
VANUATU																
91554 PEKOA AIRPORT (SANTO)	1531S	16710E	44			1011.7	25.9				15	152		3		
91568 ANEITYUM	2014S	16940E	7			1009.3	26.7				20	320		3		
NEW CALEDONIA																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	24		1009.6	1011.7	24.8	.6	25.4		11	106	40			
91592 NOUMEA (NLLE-CALEDONIE)	2217S	16627E	72		1004.5	1012.4	24.5	.7	23.8		15	85	-25		182	91
FIJI																
91650 ROTUMA	1230S	17700E	26				27.5		31.1		23	277		3	138	75
91680 NADI AIRPORT	1745S	17720E	18				26.4	.2	27.5		13	75	-98	1	163	83
91683 NAUSORI	1803S	17830E	7				26.0		28.8		25	157		1		
DETACHED ISLANDS																
91753 HIIHIFO (ILE WALLIS)	1314S	17611W	27		1006.3	1009.4	27.5		31.0		19	572			132	
NIUE																
91824 HANAN AIRPORT	1905S	16950W	59				26.3									
FRENCH POLY. (MARQUESAS IS)																
91925 ATUONA	0949S	13902W	53		1005.1	1011.1	26.5		28.9		17	211	80		165	76
FRENCH POLY. (SOCIETY IS)																
91929 BORA-BORA	1627S	15145W	3		1012.0	1012.3	28.4		30.3		12	99				
91938 TAHITI-FAAA	1733S	14937W	2		1012.5	1012.7	28.5		27.8		5	31	-109		236	103
FRENCH POLY. (TUAMOTU IS)																
91943 TAKAROA	1429S	14502W	3		1011.9	1012.2	28.4		29.7		12	81	-37		201	
91945 HEREHERETUE	1954S	14557W	3		1013.6	1013.9	27.6		28.2		6	23				
91948 RIKITEA	2308S	13458W	91		1006.3	1016.6	24.8		24.5		14	72	-86		164	91
FRENCH POLY. (AUSTRAL IS)																
91954 TUBUAI	2321S	14929W	3		1013.9	1014.2	26.2		27.7		11	187	13		203	112
91958 RAPA	2737S	14420W	2		1016.0	1016.2	24.1		25.0		18	610			108	
PAPUA NEW GUINEA																
92014 MADANG W.O.	0513S	14540E	5		1007.9	1008.5			30.9		22	385		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.
NEW ZEALAND																
93012 KAITIATA	3506S	17310E	54				16.8		15.4		10	244	131	5	139	85
93292 GISBORNE AERODROME AWS	3839S	17750E	5			1023.5	14.4	-4	13.0		6	53	-36	2		
93309 NEW PLYMOUTH AWS	3901S	17410E	32			1022.9	14.7		13.1		7	68		2		
93417 PARAPARAUMU AERODROME	4054S	17450E	12			1022.7	13.2	-5	12.7		7	58	-21	3	183	110
93615 HOKITIKA AERODROME AWS	4243S	17050E	45			1021.1	13.1		13.5		15	292		5		
93678 KAIKOURA	4225S	17340E	105			1020.2	13.1		10.3		7	29		2		
93780 CHRISTCHURCH	4329S	17230E	38			1019.7	12.3		10.5		6	43		3	151	90
93844 INVERCARGILL AERODROME	4625S	16810E	4			1017.6	11.1	.8	10.8		8	32	-74	1	163	160
93947 CAMPBELL ISLAND AWS	5233S	16900E	19			1009.3	8.7		10.0		21	135		5		
93987 CHATHAM ISLANDS AWS	4357S	17630W	49			1022.3	12.4		12.5		7	36		0		
93994 RAOUL ISLAND, KERMADEC IS. A	2915S	17750W	49			1018.0	20.5		18.1		12	111		3		
AUSTRALIA																
94120 DARWIN AIRPORT	1225S	13050E	35		1005.4	1009.3	28.6		27.4		7	67	-18	3	265	99
94131 TINDAL RAAF	1431S	13220E	135		994.7	1009.9	27.5		20.3		0	0		3		
94150 GOVE AIRPORT	1217S	13640E	54		1003.3	1009.3	27.3		28.0		11	108		3	240	105
94170 WEIPA AERO	1241S	14150E	19		1007.5	1009.6	27.1		27.0		9	134			251	
94203 BROOME AIRPORT	1757S	12210E	17		1009.3	1010.3	28.9		24.2		0	0	-19	1	318	
94212 HALLS CREEK AIRPORT	1814S	12740E	424		963.5	1010.7	28.7		10.7		0	0	-22	1		
94238 TENNANT CREEK MET OFFICE	1938S	13410E	377		970.0	1012.3	26.6		9.6		1	1	-16	2	312	106
94259 BURKETOWN POST OFFICE	1745S	13930E	8		1009.8	1010.6			19.4		3	9		3		
94287 CAIRNS AERO	1653S	14540E	8		1010.9	1011.8	25.6		24.3		9	136	-88	2	269	140
94294 TOWNSVILLE AERO	1915S	14640E	9		1011.7	1012.7	25.5		23.9		6	52	-8	4	261	113
94299 WILLIS ISLAND	1618S	14950E	9		1010.1	1011.1	26.9		27.7		9	130	9	3		
94300 CARNARVON AIRPORT	2453S	11340E	8		1013.1	1014.0	24.2		18.1		0	0	-13	1		
94302 LEARMONTH AIRPORT	2214S	11400E	6		1012.3	1012.9	26.3		17.0		01	1	-14	2		
94312 PORT HEDLAND AIRPORT	2022S	11830E	10		1010.3	1011.2	28.7		16.8		0	0	-24	1		
94313 WITTENOOM	2215S	11820E	464		960.6	1012.0			11.4		1	3		2		
94317 NEWMAN AERO	2325S	11940E	526		954.7	1013.2	24.5		11.1		3	8		3		
94326 ALICE SPRINGS AIRPORT	2348S	13350E	547		954.0	1016.1	21.6		7.0		0	0	-16	1	260	92
94332 MOUNT ISA AERO	2041S	13920E	342		974.0	1012.5	24.9		12.9		3	7	-9	4	233	82
94339 WINTON POST OFFICE	2223S	14300E	184		991.8	1012.7	24.7		17.4		3	21		4		
94340 RICHMOND POST OFFICE	2044S	14300E	214		987.2	1011.5			15.7		1	21		4		
94346 LONGREACH AERO	2326S	14410E	192		991.5	1013.5	23.6		13.3		5	29	-11	3		
94367 MACKAY MO	2107S	14910E	33		1009.3	1013.5	23.9		24.5		10	188	34	4	206	100
94374 ROCKHAMPTON AERO	2323S	15020E	14		1012.3	1014.0	23.4		20.1		4	50	-1	4		
94380 GLADSTONE RADAR	2351S	15110E	75		1005.8	1014.4	23.6		21.6		3	81		5		
94403 GERALDTON AIRPORT	2848S	11440E	37		1012.2	1016.4	21.7		14.2		01	1	-24	0		
94430 MEEKATHARRA AIRPORT	2637S	11830E	522		956.5	1014.8	23.5		9.3		2	9	-8	3		
94461 GILES METEOROLOGICAL OFFICE	2502S	12810E	599		947.9	1015.0	23.0		9.3		5	17	2	4	241	86
94476 OODNADATTA AIRPORT	2733S	13520E	118		1003.9	1017.5	22.0		9.1		1	6		3		
94480 MARREE	2939S	13800E	51		1012.5	1018.5			10.7		1	24		5		
94485 TIBOOBURRA POST OFFICE	2926S	14200E	184						10.1		2	3	-17	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	QUANTILE	TOTAL	% of AV.
94510 CHARLEVILLE AERO	2625S	14610E	306		980.5	1015.4	21.1		12.4		3	50	16	5		
94517 ST GEORGE AIRPORT	2803S	14830E	200		992.7	1015.7	20.7		13.6		4	23				
94568 AMBERLEY AMO	2738S	15240E	31		1012.8	1016.5	20.0		17.3		8	87	-17	4		
94570 TEWANTIN RSL PARK	2623S	15300E	7		1014.6	1015.4	22.0		20.1		12	342				
94578 BRISBANE AERO	2723S	15300E	10		1014.6	1015.7	21.4		18.9		10	197	93	1	226	
94589 YAMBA PILOT STATION	2926S	15320E	30		1013.0	1016.2	20.6		18.4		18	245		4		
94601 CAPE LEEUWIN	3422S	11500E	14		1019.2	1020.8	18.3		15.2		2	7		0		
94602 ROTTNEST ISLAND	3201S	11530E	43		1013.2	1018.2	20.4		15.2		2	6		1		
94610 PERTH AIRPORT	3156S	11550E	20		1016.0	1018.4	20.3		11.7		1	6	-41	1	266	
94619 DALWALLINU COMPARISON	3017S	11640E	338						10.8		2	15		3		
94635 LAKE GRACE COMPARISON	3307S	11820E	287						12.4							
94637 KALGOORLIE-BOULDER AIRPORT	3047S	12120E	370		976.2	1019.1	18.9		11.4		2	13	-9	3		
94638 ESPERANCE	3350S	12150E	27		1017.8	1021.1	16.7		14.1		4	51	2	4		
94647 EUCLA	3141S	12850E	102		1007.6	1019.7	17.8		14.6		4	29		4		
94653 CEDUNA AMO	3208S	13340E	24		1017.3	1019.1	17.5		12.6		7	19	-1	4	232	99
94659 WOOMERA AERODROME	3109S	13640E	168		998.8	1018.6	19.3		9.1		1	2	-11	3	272	103
94672 ADELAIDE AIRPORT	3457S	13830E	8		1017.7	1018.7	17.3		11.7		6	51	13	4	216	90
94681 NURIOOTPA VITICULTURAL	3429S	13900E	276		986.4	1018.9	15.0		10.2		5	55	14	1	234	116
94689 BROKEN HILL (PATTON STREET)	3159S	14120E	315						9.7		3	9		3		
94693 MILDURA AIRPORT	3414S	14200E	53		1012.3	1018.6	16.6		9.6		3	20	-4	4	278	110
94711 COBAR MO	3129S	14550E	264		986.6	1017.3	18.4		11.5		5	27	-6	4	260	101
94738 SCONE SCS	3204S	15050E	216								6	55		4		
94740 GUNNEDAH SCS	3102S	15010E	307						13.7		5	30		3		
94750 NOWRA RAN AIR STATION AWS	3457S	15030E	122		1005.7	1018.1	16.7		13.7		9	94	-28	1		
94767 SYDNEY AIRPORT AMO	3356S	15110E	6		1017.3	1018.0	18.9		15.3		12	174	54	5	194	101
94776 WILLIAMTOWN RAAF	3248S	15150E	10		1016.2	1017.2	18.0		16.3		10	202	84	5	171	83
94791 COFFS HARBOUR MO	3019S	15300E	6		1015.8	1016.6	19.4		17.8		18	274	59	4	175	83
94802 ALBANY AIRPORT	3456S	11740E	71		1012.9	1021.2	16.1		14.1		7	49	-15	2	202	
94812 ROBE	3710S	13940E	4		1018.3	1018.8			13.2		8	56		4		
94814 STRATHALBYN RACECOURSE	3517S	13850E	58		1011.7	1018.6	15.9		11.0		6	29		1		
94821 MOUNT GAMBIER AERO	3744S	14040E	69		1009.9	1018.2	13.2		11.1		9	66	15	4	177	113
94826 CAPE NELSON LIGHTHOUSE	3826S	14130E	47		1012.1	1017.6	14.5		12.9		8	66		4		
94842 CAPE OTWAY LIGHTHOUSE	3851S	14330E	83		1007.5	1017.4	14.0		12.1		9	92		4		
94865 LAVERTON RAAF	3752S	14440E	20		1015.4	1018.0	14.4		11.6		9	27	-23	2		
94866 MELBOURNE AIRPORT	3740S	14450E	132		1004.0	1018.2	14.4		10.5		7	33	-15	3	186	
94893 WILSONS PROMONTORY LIGHTHOUS	3907S	14620E	97		1004.8	1016.3	14.6		13.3		10	125		5		
94907 EAST SALE AIRPORT	3806S	14700E	8		1016.8	1017.8	13.4		11.7		5	40	-12	3	194	110
94910 WAGGA WAGGA AMO	3510S	14720E	221		992.8	1018.0	15.7		10.2		4	31	-19	3	249	110
94917 ORBOST (COMPARISON)	3741S	14820E	42						11.9		5	22		1		
94926 CANBERRA AIRPORT	3518S	14910E	580		951.4	1018.8	13.4		10.5		7	71	18	4	214	105
94937 MORUYA HEADS PILOT STATION	3555S	15000E	17		1015.8	1017.8			15.0		8	73		4		
94954 CAPE GRIM BAPS	4040S	14440E	94		1005.5	1016.6	13.2		12.2		11	96		5		
94967 CAPE BRUNY LIGHTHOUSE	4330S	14700E	55		1007.5	1014.2	12.6		11.6		12	75		2		
94968 LAUNCESTON AIRPORT COMPARISO	4132S	14710E	178				11.5		10.7		6	76	25	4		
94975 HOBART AIRPORT	4250S	14730E	27		1011.8	1015.1	12.8		10.1		6	48	10	4	191	112
94983 EDDYSTONE POINT	4100S	14820E	21		1013.9	1016.4	14.3		12.6		7	48		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.
95322 RABBIT FLAT	2011S	13000E	340		973.9	1012.1	26.8		9.0		0	0			305	
95527 MOREE AERO	2929S	14950E	218		990.9	1016.3	19.3		13.3		4	48			258	105
95646 FORREST	3050S	12800E	160		1001.1	1019.9	17.8		12.8		4	47				
95670 RAYVILLE PARK	3347S	13810E	109		1005.7	1018.7	16.1		10.3		5	56	2			
95719 DUBBO AIRPORT AWS	3213S	14830E	285		984.3	1017.5	17.1		12.6		5	57				
95753 RICHMOND RAAF	3336S	15040E	21		1015.9	1018.2	17.3		15.1		9	102				
95869 DENILQUIN AIRPORT AWS	3534S	14450E	96		1006.7	1018.0	15.8		9.4		3	22	3			
95916 CABRAMURRA SMHEA	3556S	14820E	1483				7.4		8.3		9	195				
95964 LOW HEAD	4103S	14640E	4		1015.9	1016.3	14.2		12.4		8	89				
95971 GROVE RESEARCH STATION	4259S	14700E	63						11.1		11	57	4	136	95	
AUSTRALIA (ADDITIONAL IS.)																
94995 LORD HOWE ISLAND AERO	3132S	15900E	7		1014.5	1015.3	21.3		18.7		14	544	426	6		
94996 NORFOLK ISLAND AERO	2902S	16750E	117		1002.9	1016.5	20.7		18.1		9	92	-45	3	223	116
94998 MACQUARIE ISLAND	5430S	15850E	8		1002.3	1003.3	6.0		8.3		19	74	-16	2	45	83
INDONESIA																
96035 MEDAN/POLONIA	0334N	09841E	25		1009.0	1012.5	28.0		29.6		12	224		4	151	145
96073 SIBOLGA/PINANGSORI	0133N	09853E	3		1009.1		26.7		5.7		16	342		3	139	
96109 PEKAN BARU/SIMPANGTIGA	0028N	10120E	31			1007.9	28.2		28.9		17	343		4	161	95
96163 PADANG/TABING	0053S	10020E	3		1009.7	1010.4	27.1		28.6		15	252		0	142	75
96171 RENGAT/JAPURA	0020S	10210E	46		1006.4	1008.9	27.1		30.1		13	0242		3	163	130
96237 PANGKAL PINANG	0210S	10600E	33		1004.9	1009.1	27.2		28.6		9	95			139	105
96249 TANJUNG PANDAN/BULUH TUMBANG	0245S	10740E	44		1002.7	1009.0	26.4		30.8		17	347		2	136	105
96509 TARAKAN/JUWATA	0320N	11730E	6		1008.9	1010.0	27.2		29.3		23	390			102	
96581 PONTIANAK/SUPADIO	0009S	10920E	3		1007.8	1008.5	27.2		30.8		16	372			152	90
96633 BALIKPAPAN/SEPINGGAN	0116S	11650E	3		1008.4	1009.2	27.6		30.9		14	198		4	114	105
96745 JAKARTA/OBSERVATORY	0611S	10650E	8			1009.5	28.9		29.8		8	93		2	127	80
96797 TEGAL	0651S	10900E	10		1008.7	1009.0	28.2		30.1		9	84			183	105
96805 CILACAP	0744S	10900E	6		1009.4	1010.4	28.0		30.6		16	262			166	85
96837 SEMARANG	0658S	11020E	3			1009.9	28.7		30.6		15	171		0	187	260
97014 MENADO/ SAM RATULANGI	0132N	12450E	80		1000.2	1009.5	26.7		28.8		13	355		4	156	95
97048 GORONTALO/JALALUDDIN	0031N	12300E	2		1005.3	1007.7	26.9		30.1		19	137			161	90
97072 PALU/MUTIARA	0041S	11940E	6			1010.0	27.0		28.0		10	162			165	130
97146 KENDARI/WOLTER MONGINSIDI	0406S	12220E	50		1002.6	1008.6	28.3				16	112				
97180 UJUNG PANDANG/HASANUDDIN	0504S	11930E	14		1007.5	1009.3	27.5		31.2		16	188		2	198	105
97240 MATARAM/SELAPARANG	0832S	11600E	3			1009.4	27.7		29.8		5	89		3	210	
97260 SUMBAWA BESAR/BRANGBIJI	0826S	11720E	3		1007.7	1008.4	27.7		29.7		6	104		3	270	130
97340 WAINGAPU/MAU HAU	0940S	12020E	12			1009.8	27.7		28.7		0	0		0	207	100
97372 KUPANG/ELTARI	1010S	12340E	108		1007.7	1008.3	27.9		27.8		2	2			227	120
97502 SORONG/JEFMAN	0056S	13100E	3		1008.2	1008.7	26.9		30.5		19	371				
97560 BIAK/FRANS KAISIEPO	0111S	13600E	11		1007.0	1008.5	27.4		31.1		17	273			171	50
97686 WAMENA	0404S	13850E	1660			1007.9	19.8				21	270		4		
97690 JAYAPURA/SENTANI	0234S	14020E	99		997.8	1008.0	27.5		30.7		10	271			67	
97724 AMBON/PATTIMURA	0342S	12800E	12		1006.9	1008.2	27.4		30.0		14	115			163	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.
97876 TANAH MERAH	0606S	14010E	16		1006.1	1009.4	26.7		31.0		14	318				
97900 SAUMLAKI/OLILIT	0759S	13110E	24		1007.1	1010.2	27.8		31.2		18	618			149	90
97980 MERAUKE/MOPAH	0828S	14020E	3		1007.4	1008.1	27.9		29.1		12	83		2	221	95
BRUNEI DARUSSALAM																
96315 BRUNEI AIRPORT	0456N	11450E	22		1006.9	1008.8	28.5		31.0	-1	9	212	35	3	256	107
MALAYSIA (SABAH AND SARAWAK)																
96413 KUCHING	0129N	11020E	27		1006.8	1009.4	26.7		29.8		24	418		5		
96421 SIBU	0220N	11150E	31		1006.1	1009.7	27.0		28.6		15	392		5		
96441 BINTULU	0312N	11300E	5		1006.4	1009.1	27.4	.4	30.2		12	255	11	3		
96449 MIRI	0420N	11350E	18		1007.1	1009.0	27.6	.4	29.9		10	263	69	5		
96465 LABUAN	0518N	11510E	30		1005.7	1009.0	28.4		31.8	.4	10	55		1		
96471 KOTA KINABALU	0556N	11600E	3		1009.1	1009.4	28.1		29.8		10	90		3		
96481 TAWAU	0416N	11750E	20		1007.1	1009.0	26.9		27.5		19	381	292	6		
96491 SANDAKAN	0554N	11800E	13		1007.9	1009.1	27.8	.2	30.9		15	196		5		
ISLANDS																
96995 CHRISTMAS ISLAND AERO	1027S	10540E	279		980.6	1010.0	25.3		28.7		13	278		4		
96996 COCOS ISLAND AERO	1211S	09650E	4		1009.7	1010.1	27.4		30.2		18	375	125	4		
PHILIPPINES																
98223 LAOAG	1811N	12030E	5		1008.4	1009.0	28.7		29.8		5	201			246	
98233 TUGUEGARAO	1737N	12140E	62		1003.4	1010.5	26.4		28.1		19	204				
98325 DAGUPAN	1603N	12020E	2		1007.0	1007.3	28.3	-1.4	30.6	2.3	6	222	165			
98328 BAGUIO	1625N	12030E	1501		851.2	1008.3	19.1		19.4		19	407			351	
98330 CABANATUAN	1529N	12050E	32		1006.6	1009.8	29.6		31.7		16	236				
98430 SCIENCE GARDEN	1438N	12100E	46		1004.1	1009.0	28.2		29.8		13	139			356	
98444 LEGASPI	1308N	12340E	17		1007.6	1009.5	28.0	.5	29.8	.0	18	466	313			
98550 TACLOBAN	1115N	12500E	3		1009.2	1009.5	28.3	.8			20	202	84		212	
98637 ILOILO	1042N	12230E	8		1009.6	1010.3	27.8	-1.1	28.1	-8	12	136	89			
98644 TAGBILARAN	0936N	12350E	8		1009.0		28.5		31.7		11	175				
98646 MACTAN	1018N	12350E	24		1008.3	1011.1	28.8	.0	31.7	1.9	12	107	78		235	
98653 SURIGAO	0948N	12530E	55		1004.2	1008.7	28.0	.7	31.7	1.3	17	183	-13			
98755 HINATUAN	0822N	12620E	3		1009.0	1009.4	28.0		31.7		19	340				
98836 ZAMBOANGA	0654N	12200E	6		1008.6	1009.4	28.1	.1	29.8	.5	2	149	96		183	

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.
NOVEMBER 2004 ANTARCTICA																
UNITED KINGDOM (ANTARCTIC) 89065 FOSSIL BLUFF DECEMBER 2004 ANTARCTICA	7120S	06817W	69		978.7	985.8	-3.2		3.4							
UNITED KINGDOM (ANTARCTIC) 89065 FOSSIL BLUFF JANUARY 2005 ANTARCTICA	7120S	06817W	69		981.8	988.6	-2.0		3.9							
UNITED KINGDOM (ANTARCTIC) 89065 FOSSIL BLUFF FEBRUARY 2005 ANTARCTICA	7120S	06817W	69		978.5	985.3	-2.7		3.6							
UNITED KINGDOM (ANTARCTIC) 89065 FOSSIL BLUFF NOVEMBER 2007 ANTARCTICA	7120S	06817W	69		969.6	976.3	-3.5		3.7							

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.
ARGENTINA (ANTARCTIC) 89055 BASE MARAMBIO (CENTRO MET. A MARCH 2009	6414S	05643W	208		966.7	991.6	-6.6		3.3		4	20			130	
AFRICA																
SUDAN																
62600 WADI HALFA	2149N	03121E	190		993.7	1015.3	22.3	-.2	8.0		0	0	-T	0	327	85
62640 ABU HAMED	1932N	03319E	312		973.7	1009.2	25.3	-.6	7.0		0	0	0	5	319	80
62641 PORT SUDAN	1935N	03713E	42		1007.4	1012.2	23.5	-.8	17.6		0	0	-1	0	290	75
62650 DONGOLA	1910N	03029E	226		984.8	1011.8	23.4	-.5	4.8		0	0	-T	0	303	80
62660 KARIMA	1833N	03151E	249		980.4	1010.2	25.0	-1.0	4.9		0	0	-T	5	329	85
62680 ATBARA	1742N	03358E	347		968.9	1007.9	27.5	.0	8.0		0	0	-T	5	331	85
62721 KHARTOUM	1536N	03233E	382		964.6	1007.8	29.0	.3	7.3		0	0	0	0		
62730 KASSALA	1528N	03624E	500		954.1	1009.3	29.6	.4	10.3		0	0	-1	0	315	80
62751 WAD MEDANI	1424N	03329E	408		962.5	1007.7	28.4	-.3	8.8		0	0	-T	0	317	85
62752 GEDAREF	1402N	03524E	599		939.3	1004.8	31.2	.9	9.2		0	0	-1	0	291	75
62760 EL FASHER	1337N	02520E	733		927.9	1007.9	26.1	.6	5.6		0	0	-1	5	290	80
62762 SENNAR	1333N	03337E	418		958.2	1004.7	28.2	-.7	9.9		0	0	-T	0	319	85
62770 GENINA	1329N	02227E	805		920.2	1007.3	29.2	2.5	3.0		0	0	-1	0	293	75
62771 EL OBEID	1310N	03014E	574		944.7	1008.2	27.0	-.4	4.7		0	0	-1	0	308	80
62772 AROMA	1310N	03240E	381		964.5	1006.8	27.6	-1.9	10.9		0	0	-T	0		
62781 EN NAHUD	1242N	02826E	565		946.2	1008.0	27.4	-.3	5.7		0	0	-1	0	322	85
62795 ABU NA'AMA	1244N	03408E	445		955.9	1004.6	31.5	1.3	8.8		0	0	-1	0	304	80
62805 DAMAZINE	1147N	03423E	474		952.3	1003.5	31.5	.8	9.9		0	0	-2	0	305	80
62810 KADOGLLI	1100N	02943E	499				33.9	3.4	8.8		0	0	-3	0	296	80
62840 MALKAL	0933N	03139E	388		963.6	1005.8	35.1	4.2	8.4		0	0	-6	0	197	65
62941 JUBA	0452N	03136E	460		954.4	1005.2	32.6	2.7	8.9		4	12	-32	4	192	50

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
EUROPE - NORWAY JAN MAYEN 01001 APR 2009 7056N 00840W OB 3									EUROPE - NORWAY BJORNOYA 01028 APR 2009 7431N 01901E OB 3									EUROPE - NORWAY BODO 01152 APR 2009 6717N 01427E OB 3									
030	23469	0	-60.2	27.3	0	97	293	7	030	23311	0	-59.5	28.5	0	95	307	6	030	23461	0	-61.2	29.5	1	97	309	7	
050	20269	0	-58.1	27.7	0	96	286	8	050	20102	0	-58.0	29.2	0	96	309	7	050	20274	0	-59.4	30.3	1	97	307	8	
100	15872	0	-54.7	29.6	0	94	276	8	100	15712	0	-55.4	30.5	0	95	302	9	100	15907	0	-56.5	31.0	1	96	298	8	
150	13269	0	-52.7	30.5	0	93	269	8	150	13113	0	-53.1	31.3	0	94	300	9	150	13323	0	-54.7	31.1	1	94	295	9	
200	11414	0	-53.6	25.6	0	89	265	9	200	11254	0	-52.1	29.7	0	93	300	10	200	11486	0	-56.7	22.8	0	90	292	11	
300	8820	0	-52.8	10.0	0	80	258	10	300	8648	0	-54.1	10.9	0	90	298	13	300	8919	0	-52.7	7.6	0	82	290	13	
500	5356	0	-28.9	9.0	0	80	256	7	500	5240	0	-34.3	8.2	0	88	296	9	500	5426	0	-26.6	9.9	0	81	289	9	
700	2872	0	-13.7	12.0	0	61	246	3	700	2814	0	-19.9	8.5	0	87	297	6	700	2923	0	-12.3	10.3	0	79	281	5	
850	1378	0	-7.9	6.6	0	40	183	2	850	1353	0	-13.0	5.8	0	68	304	4	850	1418	0	-4.7	7.1	0	76	254	3	
1012	* 9		-1.6	2.0					1011	* 18		-5.8	2.9						1011	* 33		3.8	5.1				
EUROPE - NORWAY ORLAND III 01241 APR 2009 6342N 00936E OB 3									EUROPE - NORWAY STAVANGER/SOLA 01415 APR 2009 5852N 00540E OB 3									EUROPE - FINLAND JYVASKYLA 02935 APR 2009 6224N 02541E OB 3									
030	23538	0	-61.0	29.9	3	96	307	6	030	23614	0	-60.5	29.6	0	92	305	5	030	23481	0	-59.8	30.3	9	94	309	13	
050	20349	0	-59.6	30.1	1	96	305	6	050	20426	0	-59.3	29.9	0	90	302	4	050	20266	0	-59.4	30.3	2	93	317	13	
100	15987	0	-56.7	31.1	1	95	292	6	100	16064	0	-56.6	31.0	0	86	288	4	100	15923	0	-56.8	31.2	0	95	318	15	
150	13406	0	-55.4	31.0	1	90	289	7	150	13487	0	-55.6	29.6	0	76	267	4	150	13348	0	-55.5	31.1	0	94	318	16	
200	11583	0	-58.6	18.6	1	82	282	8	200	11668	0	-59.6	16.6	0	64	251	5	200	11520	0	-57.8	21.1	0	91	318	21	
300	9022	0	-51.6	8.4	1	67	277	9	300	9099	0	-50.3	9.8	0	55	236	6	300	8956	0	-52.2	8.9	0	83	320	24	
500	5506	0	-24.1	11.6	1	68	269	6	500	5563	0	-22.6	12.4	0	58	227	5	500	5462	0	-26.3	10.7	0	82	318	16	
700	2968	0	-8.2	11.5	0	76	267	5	700	3008	0	-6.0	10.4	0	65	219	4	700	2950	0	-10.9	11.4	0	77	312	9	
850	1442	0	-1.1	6.1	0	74	256	3	850	1464	0	2.0	1.6	0	65	194	3	850	1438	0	-3.8	4.7	0	64	304	6	
1014	* 10		7.5	5.3					1012	* 37		9.3	38.8						1000	* 145		2.4	5.0				
EUROPE - FINLAND JOKIOINEN 02963 APR 2009 6049N 02330E OB 3									EUROPE - IRELAND VALENTIA OBSERVATORY 03953 APR 2009 5156N 01015W OB 3									EUROPE - DENMARK AND FAROE ISLANDS TORSHAVN 06011 APR 2009 6201N 00646W OB 3									
030	23498	0	-60.6	29.1	1	94	306	12	030	23709	0	-58.4	30.9	0	78	320	5	030	23654	0	-59.7	27.6	1	95	299	10	
050	20310	0	-59.6	29.2	0	94	311	13	050	20495	0	-57.9	31.1	0	70	314	3	050	20451	0	-58.0	28.1	0	92	290	8	
100	15955	0	-57.4	29.9	0	94	314	14	100	16107	0	-55.2	31.8	0	66	279	5	100	16051	0	-54.3	29.3	0	87	261	8	
150	13385	0	-55.9	29.7	0	92	314	15	150	13502	0	-52.2	32.2	0	61	270	6	150	13442	0	-52.6	29.6	0	85	242	9	
200	11566	0	-59.1	18.4	0	87	313	20	200	11643	0	-53.1	26.5	0	53	262	8	200	11591	0	-55.0	21.8	0	78	226	12	
300	9010	0	-51.8	8.6	0	83	316	22	300	9025	0	-48.7	13.2	0	37	247	9	300	8991	0	-50.2	9.8	0	66	208	16	
500	5502	0	-25.0	10.9	0	81	313	15	500	5489	0	-23.7	11.3	0	41	231	7	500	5467	0	-23.8	10.9	0	73	203	12	
700	2974	0	-9.0	12.9	0	79	307	10	700	2948	0	-7.0	12.1	0	45	230	5	700	2928	0	-7.9	11.6	0	72	198	9	
850	1452	0	-2.1	7.6	0	63	293	6	850	1410	0	.7	6.0	0	41	224	4	850	1397	0	-.6	5.2	0	59	191	6	
1005	* 104		4.5	6.2					1007	* 30		9.9	3.6						1003	* 61		7.4	2.9				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
EUROPE - NETHERLANDS DE BILT 06260 APR 2009 5206N 00511E OB 1									EUROPE - FRANCE BREST 07110 APR 2009 4827N 00425W OB 3									EUROPE - FRANCE NANCY-ESSEY 07180 APR 2009 4841N 00613E OB 3								
030	23687	0	-58.7	27.2	9	88	303	6	030	20491	0	-58.7	27.1	2	60	325	3	030	20478	0	-59.1		8	82	291	5
050	20481	0	-59.1	26.7	3	73	311	4	050	16119	0	-56.4	28.0	0	69	301	5	050	16118	0	-56.5		2	50	275	3
100	16115	0	-56.8	27.6	4	45	298	2	100	13531	0	-53.5	29.6	0	42	281	4	100	13539	0	-54.9		0	25	270	2
150	13535	0	-55.2	27.9	4	28	240	2	150	11684	0	-55.1	20.6	0	37	272	5	150	11708	0	-57.2		1	19	182	2
200	11708	0	-59.0	16.7	4	30	181	4	200	9077	0	-48.5	11.9	0	22	253	5	200	9132	0	-49.7		0	32	172	5
300	9139	0	-49.9	10.5	4	43	162	8	300	5539	0	-23.1	15.0	0	39	219	6	300	5588	0	-21.7	13.9	0	41	182	5
500	5588	0	-21.3	16.4	4	45	177	7	500	2986	0	-5.8	16.6	0	58	219	6	500	3023	0	-4.4	7.9	0	39	182	4
700	3020	0	-4.5	13.9	3	52	174	6	700	1442	0	2.1	9.6	0	44	232	4	700	1465	0	5.4	4.8	0	31	183	3
850	1464	0	4.6	8.0	3	43	161	4	850	* 99		12.2	4.8					850	* 212		9.8	3.6				
1014	* 4		12.3	5.2					1002									989								
EUROPE - FRANCE BORDEAUX MERIGNAC 07510 APR 2009 4450N 00041W OB 3									EUROPE - FRANCE NIMES-COURBESSAC 07645 APR 2009 4352N 00424E OB 3									EUROPE - SPAIN LA CORUNA 08001 APR 2009 4322N 00825W OB 3								
030	23731	0	-56.4	31.1	6	79	289	6	030	20526	0	-58.0	30.5	4	90	280	5	030	23797	0	-55.0	32.1	9	54	287	2
050	20505	0	-58.6	29.9	5	70	302	4	050	16152	0	-56.5	30.2	1	64	277	5	050	20557	0	-58.3	31.3	9	68	312	2
100	16138	0	-56.7	30.0	5	68	307	5	100	13569	0	-54.3	29.7	0	61	280	6	100	16185	0	-57.1	31.7	3	83	296	4
150	13552	0	-54.0	30.0	5	69	301	7	150	11728	0	-55.9	21.7	0	41	268	6	150	13600	0	-54.4	31.7	2	83	296	6
200	11710	0	-55.8	21.8	5	53	300	7	200	9142	0	-49.0	8.3	0	18	221	4	200	11764	0	-56.9	20.9	2	76	301	9
300	9117	0	-49.9	7.4	5	32	292	7	300	5590	0	-22.0	9.0	1	8	221	1	300	9146	0	-47.4	14.1	1	66	301	9
500	5576	0	-22.3	11.5	5	29	270	4	500	3023	0	-4.5	10.2	0	25	149	3	500	5584	0	-21.6	17.4	1	55	292	5
700	3017	0	-5.1	10.4	5	46	266	4	700	1467	0	5.3	5.2	0	26	103	3	700	3023	0	-4.9	14.1	1	57	280	3
850	1466	0	2.9	5.3	4	57	292	4	850	* 62		17.6	8.7					850	1473	0	2.9	9.4	1	59	269	2
1010	* 61		9.6	2.3					1006									1008	* 67		12.7	12.0				
EUROPE - SPAIN SANTANDER 08023 APR 2009 4329N 00348W OB 3									EUROPE - SPAIN MADRID/BARAJAS 08221 APR 2009 4030N 00335W OB 3									EUROPE - SPAIN MURCIA 08430 APR 2009 3800N 00110W OB 3								
030	23747	0	-56.2	30.9	8	75	296	3	030	23763	0	-54.5	31.8	0	83	268	7	030	23782	0	-53.4	32.8	9	80	258	4
050	20520	0	-58.4	31.2	0	78	290	2	050	20528	0	-58.3	30.4	0	77	288	4	050	20539	0	-58.4	30.9	9	73	266	3
100	16158	0	-56.8	32.0	0	78	299	3	100	16181	0	-57.7	30.5	0	87	284	9	100	16201	0	-58.7	31.2	3	91	276	6
150	13572	0	-54.1	32.0	0	74	297	5	150	13604	0	-54.5	30.3	0	83	292	13	150	13632	0	-55.0	32.1	3	89	282	8
200	11731	0	-55.5	22.3	0	70	302	6	200	11766	0	-55.6	22.4	0	76	299	15	200	11793	0	-55.3	25.2	2	85	286	10
300	9131	0	-48.9	13.3	0	47	296	5	300	9156	0	-47.6	15.1	0	61	305	14	300	9177	0	-47.4	17.1	2	71	287	8
500	5581	0	-22.3	14.0	0	37	278	3	500	5601	0	-21.8	15.0	0	48	298	7	500	5616	0	-21.2	17.4	2	70	280	6
700	3008	0	-5.3	11.9	0	45	277	2	700	3036	0	-4.5	12.0	0	43	303	4	700	3045	0	-3.9	14.6	2	66	291	3
850	1466	0	2.8	7.3	0	71	284	3	850	1480	0	5.8	8.1	0	54	288	3	850	1483	0	6.6	8.9	3	67	299	3
1011	* 59		12.1	3.3					942	* 633		12.6	11.4					1007	* 62		16.7	10.3				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
EUROPE - PORTUGAL LISBOA/GAGO COUTINHO 08579 APR 2009 3846N 00908W OB 3									EUROPE - GERMANY SCHLESWIG 10035 APR 2009 5432N 00933E OB 3									EUROPE - GERMANY GREIFSWALD 10184 APR 2009 5406N 01324E OB 3								
030	23780	0	-54.0	32.6	1	72	262	3	030	23634	0	-59.8	30.8	0	84	307	7	030	23614	0	-59.7	31.1	0	87	302	8
050	20543	0	-59.0	31.1	2	84	304	3	050	20442	0	-59.4	30.9	0	76	315	5	050	20421	0	-59.7	31.0	0	86	315	6
100	16220	0	-59.3	30.9	1	91	293	6	100	16088	0	-57.3	31.6	0	60	302	4	100	16073	0	-57.8	31.6	0	74	306	5
150	13664	0	-56.7	30.9	1	89	294	9	150	13516	0	-56.4	31.0	0	51	271	4	150	13508	0	-57.0	31.2	0	54	297	4
200	11853	0	-59.0	18.0	1	85	303	13	200	11704	0	-60.8	15.2	0	26	236	3	200	11704	0	-61.8	13.8	0	21	289	2
300	9251	0	-45.9	13.2	1	78	309	12	300	9145	0	-49.8	11.6	0	37	210	6	300	9154	0	-50.1	11.7	0	15	223	2
500	5656	0	-19.0	17.4	1	76	308	8	500	5598	0	-22.0	16.1	0	49	198	6	500	5609	0	-22.0	17.7	0	31	214	3
700	3067	0	-2.5	17.9	1	70	316	4	700	3033	0	-4.6	14.5	0	46	187	4	700	3041	0	-4.1	18.5	0	33	192	2
850	1504	0	4.7	7.9	1	73	311	3	850	1477	0	4.6	9.4	0	46	163	3	850	1484	0	4.6	15.4	0	43	162	3
1006	* 105		16.4	8.5					1011	* 48		10.3	5.0					1017	* 6		10.4	5.1				
EUROPE - GERMANY EMDEN-FLUGPLATZ 10200 APR 2009 5323N 00714E OB									EUROPE - GERMANY BERGEN 10238 APR 2009 5249N 00956E OB									EUROPE - GERMANY LINDENBERG 10393 APR 2009 5213N 01407E OB 3								
030	23642	0	-59.6	28.9	0	86	301	7	030	23658	0	-59.4	31.0	0	84	298	6	030	23634	0	-59.1	30.7	0	90	294	8
050	20447	0	-59.2	29.0	0	71	305	4	050	20455	0	-59.4	31.0	0	76	307	4	050	20436	0	-59.4	30.6	0	82	306	5
100	16091	0	-57.2	29.8	0	55	294	3	100	16101	0	-57.4	31.2	0	48	303	3	100	16086	0	-57.9	31.0	0	65	302	4
150	13518	0	-55.9	29.7	0	45	249	3	150	13529	0	-56.5	30.8	0	36	273	2	150	13519	0	-56.9	30.7	0	43	301	3
200	11701	0	-60.1	16.9	0	27	201	3	200	11717	0	-60.7	14.6	0	15	211	2	200	11712	0	-61.7	13.4	0	9	295	1
300	9139	0	-49.9	11.1	0	39	189	6	300	9157	0	-49.7	11.8	0	32	177	5	300	9160	0	-50.0	11.5	0	22	142	3
500	5593	0	-21.7	15.8	0	44	190	6	500	5608	0	-21.6	17.0	0	41	171	5	500	5613	0	-21.8	18.4	0	35	165	3
700	3027	0	-4.7	12.3	0	45	178	4	700	3039	0	-4.1	15.8	0	47	169	4	700	3043	0	-3.7	17.2	0	41	154	3
850	1471	0	4.8	8.9	0	38	165	3	850	1480	0	5.1	8.7	0	39	154	3	850	1482	0	5.9	12.6	0	52	150	4
1015	* 5		11.5	4.2					1008	* 77		13.0	7.1					1003	* 115		13.9	13.5				
EUROPE - GERMANY ESSEN-BREDENEY 10410 APR 2009 5124N 00658E OB 3									EUROPE - GERMANY MEININGEN 10548 APR 2009 5034N 01023E OB 3									EUROPE - GERMANY STUTTGART/SCHNARRENBERG 10739 APR 2009 4850N 00912E OB 3								
030	23657	0	-58.9	30.7	0	84	300	6	030	23655	0	-58.8	31.2	0	89	289	7	030	23675	0	-58.4	31.2	0	88	285	6
050	20456	0	-59.2	30.8	0	71	312	4	050	20453	0	-59.3	31.0	0	80	304	4	050	20467	0	-59.2	30.9	0	74	305	4
100	16096	0	-57.0	31.2	0	45	293	2	100	16096	0	-57.5	31.4	0	51	297	3	100	16105	0	-57.0	31.4	0	55	289	3
150	13520	0	-55.8	31.4	0	27	221	2	150	13525	0	-56.1	31.7	0	17	246	1	150	13530	0	-55.7	31.9	0	28	247	2
200	11698	0	-59.7	16.9	0	33	160	4	200	11709	0	-59.9	17.0	0	29	156	3	200	11705	0	-58.9	18.6	0	37	173	4
300	9136	0	-50.1	10.4	0	44	153	8	300	9147	0	-49.9	13.2	0	42	132	6	300	9137	0	-50.1	12.0	0	32	151	4
500	5588	0	-21.6	16.3	0	46	157	6	500	5602	0	-21.6	16.8	0	42	147	4	500	5594	0	-21.9	15.0	0	48	156	5
700	3022	0	-4.8	11.2	0	42	168	4	700	3031	0	-4.0	13.4	0	49	153	4	700	3028	0	-4.6	8.1	0	35	182	3
850	1466	0	4.8	7.4	0	43	160	3	850	1471	0	5.8	6.4	0	52	139	3	850	1468	0	5.9	5.8	0	30	147	2
997	* 153		13.3	6.0					961	* 453		12.5	7.1					976	* 315		13.6	13.0				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
EUROPE - GERMANY MUENCHEN-OBERSCHLEIBSHEIM 10868 APR 2009 4815N 01133E OB 3									EUROPE - CZECH REPUBLIC PRAHA-LIBUS 11520 APR 2009 5001N 01427E OB 3									EUROPE - SLOVAKIA POPRAD-GANOVCE 11952 APR 2009 4902N 02019E OB 3								
030	23680	0	-58.0	30.5	1	90	284	7	030	23643	0	-58.6	29.7	3	94	290	8	030	23660	0	-57.6	30.7	0	95	286	9
050	20468	0	-59.0	30.0	0	76	295	5	050	20442	0	-59.5	28.8	3	87	305	5	050	20448	0	-58.7	30.1	0	93	297	6
100	16109	0	-57.0	31.1	0	66	286	3	100	16095	0	-58.1	29.2	3	77	304	4	100	16092	0	-57.4	30.4	0	85	301	6
150	13535	0	-56.0	30.6	0	34	256	2	150	13532	0	-56.9	28.5	3	53	307	3	150	13525	0	-56.5	30.2	0	71	314	5
200	11714	0	-59.1	17.7	0	28	183	2	200	11724	0	-60.8	13.8	3	5	344	0	200	11716	0	-60.9	15.4	0	39	329	3
300	9148	0	-50.1	11.6	0	41	161	5	300	9166	0	-49.9	12.9	3	31	123	3	300	9161	0	-50.4	11.3	0	20	350	2
500	5604	0	-21.7	15.2	0	55	162	5	500	5622	0	-21.7	19.5	3	30	150	2	500	5620	0	-21.9	20.2	0	16	11	1
700	3036	0	-4.1	10.3	0	53	162	4	700	3052	0	-3.6	16.5	3	46	171	3	700	3054	0	-4.2	14.6	0	28	249	2
850	1472	0	7.1	9.2	0	27	137	2	850	1490	0	6.3	6.2	3	51	145	3	850	1494	0	6.4	8.9	0	29	186	1
956	* 489		13.3	9.1					980	* 303		14.1	8.9					935	* 703		10.5	8.9				
EUROPE - POLAND LEBA 12120 APR 2009 5445N 01732E OB 3									EUROPE - POLAND LEGIONOWO 12374 APR 2009 5224N 02058E OB 3									EUROPE - POLAND WROCLAW I 12425 APR 2009 5107N 01653E OB 3								
030	23599	0	-59.8	29.2	0	90	302	8	030	23613	0	-58.9	30.4	0	93	296	9	030	23641	0	-58.6	30.0	0	91	292	8
050	20406	0	-59.7	28.9	0	89	311	7	050	20412	0	-59.5	30.1	0	89	306	7	050	20438	0	-59.2	29.5	0	86	306	6
100	16061	0	-57.8	29.5	0	84	312	7	100	16063	0	-57.9	30.8	0	86	311	7	100	16088	0	-57.9	29.7	0	74	310	5
150	13498	0	-57.1	28.3	0	72	311	7	150	13500	0	-57.2	29.3	0	74	318	7	150	13524	0	-57.0	28.4	0	58	316	4
200	11696	0	-62.4	11.9	0	51	317	7	200	11697	0	-61.9	12.6	0	52	327	6	200	11718	0	-61.8	12.5	0	23	347	2
300	9150	0	-50.3	10.5	0	42	309	7	300	9150	0	-50.7	9.9	0	44	345	7	300	9166	0	-50.2	11.0	0	12	85	1
500	5608	0	-21.9	17.0	0	41	302	5	500	5612	0	-22.1	18.6	0	41	327	4	500	5622	0	-21.7	17.7	0	13	123	1
700	3043	0	-4.3	17.0	0	37	284	3	700	3048	0	-4.4	18.7	0	24	323	2	700	3051	0	-3.4	17.2	0	34	167	2
850	1489	0	3.6	14.5	0	16	224	1	850	1495	0	3.8	15.2	0	5	201		850	1490	0	5.7	11.5	0	54	163	3
1019	* 6		8.8	6.1					1007	* 96		11.4	10.5					1002	* 122		12.6	9.3				
EUROPE - HUNGARY BUDAPEST/PESTSZENTLORINC 12843 APR 2009 4726N 01911E OB 3									EUROPE - HUNGARY SZEGED 12982 APR 2009 4615N 02006E OB									EUROPE - CROATIA ZAGREB/MAKSIMIR 14240 APR 2009 4549N 01602E OB 3								
030	23696	0	-57.0	31.6	7	95	280	9	030	23698	0	-56.8		4	97	278	10	030	23687	0	-56.9		0	94	276	8
050	20477	0	-58.6	30.1	8	95	288	7	050	20477	0	-58.7		4	97	278	7	050	20464	0	-58.9		0	92	280	6
100	16115	0	-57.4	30.2	7	88	291	6	100	16119	0	-57.5		4	94	291	7	100	16107	0	-57.1		0	87	274	6
150	13545	0	-56.5	28.9	7	67	285	4	150	13547	0	-56.5		3	81	291	5	150	13535	0	-55.9		0	68	263	4
200	11732	0	-60.5	13.8	7	27	294	2	200	11734	0	-60.6		3	38	302	3	200	11715	0	-59.5		0	25	250	2
300	9173	0	-50.2	10.8	5	9	272	1	300	9176	0	-50.3	9.1	1	18	334	2	300	9154	0	-50.2		0	29	185	4
500	5627	0	-21.6	18.4	4	15	132	1	500	5626	0	-21.3	14.9	0	8	96	1	500	5606	0	-21.4		0	48	150	4
700	3061	0	-4.3	13.0	2	36	172	2	700	3058	0	-4.3	9.0	0	31	124	2	700	3040	0	-4.8	11.0	0	55	156	4
850	1498	0	6.8	9.1	2	43	151	2	850	1496	0	7.0	8.2	0	65	154	4	850	1481	0	6.4	.3	0	39	143	3
1000	* 139		16.1	12.7					1006	* 83		10.3	5.5					1000	* 128		15.2	7.7				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps		
EUROPE - CROATIA ZADAR RS 14430 APR 2009 4406N 01521E OB									EUROPE - ROMANIA CLUJ-NAPOCA 15120 APR 2009 4647N 02334E OB 1									EUROPE - BULGARIA SOFIA (OBSERV.) 15614 APR 2009 4239N 02323E OB 0										
030	23699	0	-56.4		0	94	273	10	030	23658	0	-57.5	31.7		9	96	281	10	030	23743	0	-53.4	30.7		9	99	274	12
050	20478	0	-58.6		0	88	280	7	050	20451	0	-59.0	30.5		5	95	287	8	050	20498	0	-58.1	29.5		9	96	277	8
100	16123	0	-57.4		0	88	269	7	100	16094	0	-57.9	31.2		1	93	292	7	100	16134	0	-57.3	29.4		2	95	272	10
150	13548	0	-55.6		0	77	271	6	150	13527	0	-56.1	31.0		0	84	295	6	150	13560	0	-55.6	30.0		0	90	271	11
200	11727	0	-58.6		0	37	242	4	200	11712	0	-60.2	15.8		0	60	315	6	200	11733	0	-58.1	19.9		1	68	271	8
300	9158	0	-50.2		0	23	181	4	300	9156	0	-50.6	10.9		0	32	348	4	300	9159	0	-49.8	12.1		0	31	293	4
500	5609	0	-21.2		0	41	158	4	500	5616	0	-22.2	16.9		0	34	1	3	500	5613	0	-21.9	13.6					
700	3041	0	-4.3	11.8	0	62	141	5	700	3055	0	-5.0	12.2		0	13	353	1	700	3050	0	-4.8	7.1		1	30	140	2
850	1480	0	6.6	.8	0	67	133	5	850	1497	0	6.2	8.9		0	36	156	2	850	1491	0	6.6	8.3		1	64	118	3
1005	* 79		14.2	8.2					969	* 414		9.4	6.6						947	* 595		16.3	13.4					
EUROPE - GREECE HERAKLION (AIRPORT) 16754 APR 2009 3520N 02511E OB /									EUROPE - TURKEY SAMSUN 17030 APR 2009 4117N 03618E OB 3									EUROPE - TURKEY ISTANBUL/GOZTEPE 17062 APR 2009 4058N 02905E OB 3										
030	23800	0	-53.6	30.8	9	68	257	5	030	23740	0	-53.9	31.9		3	95	265	14	030	23731	0	-54.6	32.2		4	94	268	14
050	20563	0	-59.2	28.4	9	92	254	10	050	20490	0	-57.6	29.6		0	94	272	11	050	20491	0	-58.3	30.0		1	92	277	11
100	16255	0	-60.5	26.0	9	97	264	23	100	16127	0	-57.2	29.8		0	96	273	16	100	16141	0	-57.7	29.9		0	96	272	14
150	13709	0	-57.0	26.8	9	97	268	35	150	13548	0	-54.9	29.9		0	96	275	17	150	13565	0	-55.2	29.8		0	96	272	16
200	11887	0	-57.0	18.3	9	96	265	42	200	11714	0	-56.8	19.7		0	92	280	18	200	11734	0	-56.7	20.2		0	91	277	15
300	9272	0	-45.4	14.8	9	94	263	34	300	9133	0	-50.4	9.0		0	71	288	12	300	9147	0	-49.2	10.6		0	60	294	9
500	5668	0	-18.2	17.1	9	91	271	18	500	5593	0	-21.9	13.4		0	69	291	8	500	5595	0	-21.6	12.9		0	39	303	4
700	3065	0	-2	15.5	9	80	278	9	700	3029	0	-4.7	13.4		0	56	292	4	700	3028	0	-4.2	9.7		0	36	329	3
850	1484	0	8.8	10.1	9	53	270	3	850	1475	0	4.3	13.5		0	18	261	1	850	1468	0	6.0	12.4		0	44	45	3
1010	* 39		14.1	14.1					1017	* 4		7.3	3.1						1013	* 33		10.0	5.1					
EUROPE - TURKEY ANKARA/CENTRAL 17130 APR 2009 3957N 03253E OB 3									EUROPE - TURKEY IZMIR/GUZELYALI 17220 APR 2009 3826N 02710E OB 3									EUROPE - TURKEY ISPARTA 17240 APR 2009 3745N 03033E OB 3										
030	23764	0	-54.0	32.4	1	95	266	13	030	23785	0	-53.8	31.0		6	94	267	12	030	23780	0	-53.4	32.7		3	93	268	12
050	20516	0	-57.7	30.9	0	95	276	11	050	20531	0	-58.5	28.6		3	93	269	11	050	20530	0	-58.0	30.8		2	95	277	10
100	16162	0	-57.7	30.9	0	97	271	16	100	16192	0	-58.0	28.9		2	96	268	18	100	16200	0	-58.4	30.3		0	97	268	18
150	13587	0	-54.9	30.8	0	97	273	20	150	13625	0	-55.4	29.0		2	97	271	21	150	13635	0	-55.6	30.3		0	98	271	24
200	11754	0	-56.7	22.0	0	94	275	19	200	11792	0	-56.2	20.8		2	92	270	23	200	11804	0	-56.4	21.6		0	96	271	27
300	9158	0	-49.3	11.0	0	85	279	14	300	9192	0	-48.3	11.0		2	78	279	18	300	9199	0	-47.7	12.7		0	91	275	22
500	5609	0	-21.4	14.1	0	59	272	6	500	5623	0	-20.2	12.9		2	71	274	9	500	5629	0	-20.1	13.9		0	81	275	10
700	3040	0	-4.0	7.7	0	47	283	3	700	3043	0	-2.8	9.8		2	29	296	3	700	3047	0	-3.1	6.9		0	51	269	4
850	1478	0	6.5	7.1	0	16	70	1	850	1474	0	7.4	8.3		2	13	323	1	850	1480	0	7.3	6.5		0	23	3	1
913	* 891		7.6	7.3					1011	* 29		13.5	4.6						901	* 997		7.4	4.1					

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
EUROPE - CYPRUS ATHALASSA 17607 APR 2009 3509N 03324E OB 2									EUROPE - RUSSIAN FEDERATION (EUROPE) KANDALAKSHA 22217 APR 2009 6709N 03221E OB									EUROPE - RUSSIAN FEDERATION (EUROPE) SHOJNA 22271 APR 2009 6753N 04409E OB								
030	23832	0	-52.4	32.9	9	48	239	3	030	23390	0	-59.7	11.2	2	95	307	12	030	23372	0	-57.5	11.7	1	92	296	10
050	20562	0	-58.7	30.1	1	86	253	7	050	20197	0	-58.7	10.3	1	97	312	14	050	20134	0	-56.9	11.1	0	95	308	10
100	16252	0	-60.8	29.0	0	98	271	24	100	15818	0	-56.3	8.9	0	97	314	16	100	15734	0	-55.4	9.9	0	95	315	13
150	13708	0	-56.3	30.5	0	98	271	33	150	13230	0	-54.2	7.6	0	96	316	18	150	13135	0	-53.2	8.8	0	93	315	14
200	11882	0	-56.7	20.9	0	97	272	36	200	11385	0	-54.4	6.8	0	92	314	20	200	11278	0	-52.7	7.4	0	90	315	15
300	9266	0	-45.5	16.1	0	95	269	30	300	8798	0	-53.1	6.3	0	84	314	25	300	8667	0	-52.9	5.4	0	83	312	17
500	5664	0	-18.5	18.8	0	91	269	16	500	5336	0	-30.7	7.5	0	81	314	16	500	5252	0	-34.0	6.0	0	83	312	13
700	3065	0	-8	15.5	0	73	265	7	700	2874	0	-16.1	7.0	0	74	314	9	700	2820	0	-18.6	6.2	0	81	315	10
850	1486	0	9.7	11.5	0	36	260	2	850	1391	0	-8.0	4.5	0	66	316	6	850	1348	0	-10.3	3.7	0	74	317	8
994	* 162		19.3	10.0					1011	* 25		-1.6	5.5					1010	* 18		-4.0	2.9				
EUROPE - RUSSIAN FEDERATION (EUROPE) KEM' 22522 APR 2009 6457N 03439E OB									EUROPE - RUSSIAN FEDERATION (EUROPE) ARHANGEL'SK 22550 APR 2009 6433N 04035E OB 3									EUROPE - RUSSIAN FEDERATION (EUROPE) NIZHNIJ NOVGOROD 27459 APR 2009 5616N 04400E OB								
030	23454	0	-58.9	11.1	3	93	304	11	030	23405	0	-59.3	17.5	1	95	298	10	030	23519	0	-57.8	13.5	2	96	275	13
050	20243	0	-58.1	10.6	2	95	310	13	050	20190	0	-58.4	15.9	0	95	307	12	050	20288	0	-57.3	13.5	0	95	287	11
100	15852	0	-55.7	9.2	0	95	314	15	100	15810	0	-56.3	14.1	0	93	317	14	100	15898	0	-55.9	12.3	0	89	300	11
150	13261	0	-54.0	8.0	0	94	315	17	150	13218	0	-54.2	11.6	0	92	318	15	150	13310	0	-54.3	11.7	0	85	308	12
200	11416	0	-55.1	6.4	0	90	316	19	200	11373	0	-54.5	9.2	0	88	319	17	200	11467	0	-55.5	10.8	0	78	315	13
300	8825	0	-51.5	5.3	0	82	319	22	300	8776	0	-52.9	7.3	0	81	324	20	300	8879	0	-52.1	8.6	0	59	320	13
500	5360	0	-29.2	7.4	0	78	315	15	500	5332	0	-31.3	8.3	0	82	317	14	500	5406	0	-28.6	9.1	0	68	315	11
700	2889	0	-15.2	8.4	0	78	313	9	700	2872	0	-16.3	8.1	0	75	313	9	700	2922	0	-13.5	10.5	0	71	315	8
850	1402	0	-7.6	5.6	0	68	310	6	850	1387	0	-8.3	6.1	0	65	312	6	850	1422	0	-4.8	7.9	0	70	314	6
1014	* 8		-7	5.2					1014	* 4		-1.8	4.8					996	* 157		3.9	9.6				
EUROPE - RUSSIAN FEDERATION (EUROPE) MOSKVA (DOLGOPRUDNYJ) 27612 APR 2009 5545N 03757E OB 0									EUROPE - RUSSIAN FEDERATION (EUROPE) SUHINICHI 27707 APR 2009 5406N 03521E OB									EUROPE - RUSSIAN FEDERATION (EUROPE) RYAZAN' 27730 APR 2009 5438N 03942E OB								
030	23541	0	-58.0	12.9	5	96	285	12	030	23635	0	-57.5	12.6	9	99	291	12	030	23573	0	-57.1	14.9	5	96	276	12
050	20327	0	-57.7	12.4	3	97	300	11	050	20407	0	-57.7	11.7	9	98	298	12	050	20355	0	-57.6	13.7	5	97	290	11
100	15942	0	-56.0	10.5	0	91	312	12	100	16018	0	-56.0	11.2	9	95	310	12	100	15972	0	-56.0	12.0	5	90	307	10
150	13352	0	-54.6	9.3	0	92	319	14	150	13430	0	-55.2	10.1	9	94	312	14	150	13381	0	-54.5	10.1	5	87	315	11
200	11519	0	-55.9	8.3	0	85	322	15	200	11596	0	-57.2	9.3	7	87	321	15	200	11546	0	-56.5	8.7	5	78	323	12
300	8935	0	-51.2	7.9	0	72	321	16	300	9005	0	-50.5	9.4	4	74	329	17	300	8965	0	-51.5	8.4	5	58	326	11
500	5453	0	-27.3	10.7	0	73	315	12	500	5486	0	-26.0	11.5	3	75	323	14	500	5477	0	-27.1	10.8	5	64	319	10
700	2955	0	-11.4	12.8	0	74	312	9	700	2975	0	-10.3	11.7	3	74	315	9	700	2975	0	-11.6	12.4	5	72	317	8
850	1447	0	-3.4	8.0	0	64	311	6	850	1461	0	-1.6	10.1	3	64	310	6	850	1464	0	-3.1	9.2	5	72	321	6
994	* 200		4.7	10.3					989	* 238		6.2	10.4					999	* 158		5.7	11.6				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
EUROPE - RUSSIAN FEDERATION (EUROPE) PENZA 27962 APR 2009 5307N 04501E OB									EUROPE - RUSSIAN FEDERATION (EUROPE) KURSK 34009 APR 2009 5146N 03610E OB									EUROPE - RUSSIAN FEDERATION (EUROPE) VORONEZ 34122 APR 2009 5139N 03915E OB									
030	23549	0	-56.1	11.2	0	97	265	15	030	23602	0	-57.1	11.2	0	97	281	13	030	23598	0	-56.9	11.1	1	96	273	12	
050	20312	0	-56.5	10.8	0	97	275	12	050	20382	0	-57.6	10.3	0	98	295	11	050	20374	0	-57.3	10.4	1	98	287	11	
100	15918	0	-55.4	9.6	0	94	290	11	100	16009	0	-56.1	9.4	0	95	310	11	100	15989	0	-55.8	9.6	1	96	301	11	
150	13324	0	-53.9	8.5	0	90	297	12	150	13425	0	-54.7	8.1	0	91	317	12	150	13400	0	-54.3	8.4	1	91	307	12	
200	11482	0	-55.2	6.9	0	80	301	12	200	11593	0	-56.7	6.8	0	81	321	14	200	11564	0	-56.2	7.2	1	77	317	13	
300	8903	0	-52.3	6.1	0	59	310	12	300	9018	0	-50.9	6.5	0	69	327	17	300	8985	0	-50.7	7.3	1	64	325	14	
500	5428	0	-28.0	8.8	0	67	308	11	500	5512	0	-25.3	9.6	0	70	325	12	500	5485	0	-26.0	9.5	1	67	320	10	
700	2936	0	-12.5	8.1	0	72	306	9	700	2994	0	-9.7	9.8	0	65	316	7	700	2977	0	-10.6	9.9	0	71	316	7	
850	1432	0	-3.3	7.8	1	73	316	6	850	1473	0	-1	10.0	0	51	309	4	850	1461	0	-1.3	9.8	0	65	311	5	
995	* 172		5.6	10.1					989	* 247		8.1	13.6						1006	* 104		8.2	12.0				
EUROPE - ISRAEL BET DAGAN 40179 APR 2009 3200N 03449E OB 3									EUROPE - JORDAN MAFRAQ 40265 APR 2009 3222N 03615E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) OSTROV DIKSON 20674 APR 2009 7330N 08024E OB 3									
030	23797	0	-53.0	16.1					030									030	23248	0	-56.4	15.2	0	82	270	7	
050	20559	0	-59.9	5.1	7	98	262	17	050	20626	1	-58.9		1	80	274	6	050	20004	0	-55.7	14.0	0	78	266	7	
100	16314	0	-64.7	1.4	1	98	268	41	100	16343	0	-63.9		0	98	269	27	100	15577	0	-54.3	11.4	0	75	271	7	
150	13809	0	-59.1	1.1	1	98	269	49	150	13824	0	-58.5		1	98	272	42	150	12970	0	-52.5	9.5	0	75	273	9	
200	11995	0	-56.6	8.4	0	97	270	49	200	12004	0	-56.9		0	97	271	47	200	11107	0	-51.8	8.0	0	74	268	11	
300	9362	0	-43.2	15.9	0	96	270	39	300	9368	0	-43.5		0	96	272	34	300	8485	0	-53.5	6.2	0	55	264	12	
500	5720	0	-15.6	18.2	0	94	266	22	500	5726	0	-16.1	13.5	0	94	266	22	500	5098	0	-36.4	6.1	0	43	255	9	
700	3091	0	2.6	19.3	0	86	263	11	700	3093	0	2.3	19.1	0	83	262	12	700	2694	0	-21.8	5.0	0	44	248	6	
850	1495	0	12.1	17.6	0	61	259	4	850	1502	0	12.4	16.4	0	70	280	8	850	1248	0	-16.4	2.6	0	42	236	5	
1010	* 35		19.4	8.7					937	* 683		13.8	7.4						997	* 47		-15.2	2.0				
ASIA - RUSSIAN FEDERATION (ASIA) HATANGA 20891 APR 2009 7159N 10220E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) TIKSI 21824 APR 2009 7135N 12850E OB									ASIA - RUSSIAN FEDERATION (ASIA) NAR'JAN-MAR 23205 APR 2009 6738N 05302E OB 3									
030	23321	0	-55.0	11.5	1	89	272	9	030	23293	0	-54.1	10.5	2	91	260	8	030	23358	0	-57.4	10.7	0	90	284	9	
050	20064	0	-54.8	10.6	0	86	271	9	050	20032	0	-54.6	9.7	2	87	261	6	050	20123	0	-56.4	10.3	0	89	295	9	
100	15631	0	-54.4	9.4	0	83	268	9	100	15619	0	-54.5	8.4	0	77	276	6	100	15710	0	-55.0	9.2	0	88	305	10	
150	13027	0	-53.2	8.2	0	83	267	10	150	13019	0	-53.8	7.2	0	81	280	7	150	13108	0	-52.8	8.3	0	86	305	11	
200	11173	0	-53.4	6.6	0	82	266	12	200	11176	0	-54.1	5.6	0	73	282	8	200	11247	0	-52.2	6.9	0	80	305	11	
300	8578	0	-54.9	4.4	0	74	264	16	300	8610	0	-57.2	4.0	0	51	277	9	300	8632	0	-53.1	4.7	0	68	308	12	
500	5188	0	-35.1	5.6	0	70	254	12	500	5228	0	-34.3	5.2	0	54	273	8	500	5222	0	-34.2	4.9	0	70	315	10	
700	2766	0	-20.3	6.2	0	71	252	9	700	2800	0	-18.9	6.9	0	60	260	6	700	2791	0	-19.3	4.6	0	72	318	8	
850	1307	0	-13.4	5.1	0	65	249	7	850	1338	0	-12.6	5.2	0	52	243	4	850	1326	0	-11.7	4.9	0	63	312	6	
1005	* 33		-12.5	3.6					1012	* 7		-14.4	2.9						1007	* 12		-7.0	3.4				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
ASIA - RUSSIAN FEDERATION (ASIA) SALEHARD 23330 APR 2009 6632N 06640E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) TURUHANSK 23472 APR 2009 6547N 08756E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) SYKTYVKAR 23804 APR 2009 6140N 05051E OB 3									
030	23324	0	-56.4	12.0	0	94	262	11	030	23425	0	-55.2	12.4	1	93	261	15	030	23386	0	-58.1	14.2	0	91	273	12	
050	20096	0	-55.9	11.4	0	92	264	11	050	20163	0	-55.3	10.7	0	94	263	15	050	20169	0	-57.5	13.8	0	91	281	11	
100	15688	0	-54.7	10.0	0	82	270	10	100	15737	0	-54.6	8.7	0	89	264	14	100	15778	0	-55.4	11.4	0	84	297	11	
150	13081	0	-52.8	9.1	0	78	271	10	150	13137	0	-53.2	7.2	0	89	263	14	150	13182	0	-53.6	9.6	0	81	302	12	
200	11225	0	-52.8	7.8	0	73	265	12	200	11282	0	-53.9	5.7	0	84	264	15	200	11330	0	-53.3	7.8	0	74	306	13	
300	8625	0	-53.4	5.6	0	56	257	13	300	8699	0	-54.2	4.3	0	72	261	15	300	8731	0	-53.4	6.0	0	55	303	13	
500	5208	0	-32.9	5.6	0	60	257	10	500	5279	0	-32.3	4.4	0	74	255	13	500	5300	0	-32.1	6.6	0	61	310	10	
700	2772	0	-18.5	5.9	0	62	90	7	700	2827	0	-17.0	7.2	0	75	249	11	700	2848	0	-17.0	7.0	0	70	317	8	
850	1308	0	-11.7	4.3	0	55	284	6	850	1348	0	-9.7	5.7	0	74	236	8	850	1370	0	-8.8	5.6	1	65	316	6	
1005	* 16		-8.4	3.7					1005	* 38		-3.9	7.1						997	* 116		-8	7.7				
ASIA - RUSSIAN FEDERATION (ASIA) IVDEL' 23921 APR 2009 6041N 06027E OB									ASIA - RUSSIAN FEDERATION (ASIA) HANTY-MANSIJSK 23933 APR 2009 6101N 06902E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) OLENEK 24125 APR 2009 6830N 11220E OB 3									
030	23445	0	-55.8	11.6	0	94	258	15	030	23477	0	-55.2	13.7	1	96	256	16	030	23297	0	-55.5	14.2	0	91	271	11	
050	20200	0	-55.8	11.1	0	91	262	13	050	20225	0	-55.5	12.2	0	94	260	15	050	20049	0	-55.5	12.5	0	92	277	11	
100	15785	0	-54.4	9.7	0	83	268	11	100	15800	0	-54.7	10.1	0	89	259	14	100	15647	0	-55.3	10.6	0	86	280	10	
150	13182	0	-52.6	8.7	0	77	271	11	150	13197	0	-53.2	8.5	0	83	258	13	150	13055	0	-54.0	8.5	0	86	281	11	
200	11324	0	-52.4	7.4	0	65	271	11	200	11344	0	-53.3	7.5	0	77	257	14	200	11210	0	-54.1	6.7	0	82	280	11	
300	8719	0	-52.1	6.0	0	47	272	11	300	8741	0	-52.6	6.4	0	56	252	12	300	8628	0	-55.4	4.9	0	65	275	12	
500	5281	0	-31.6	6.1	0	46	269	9	500	5304	0	-32.0	7.2	0	55	247	9	500	5244	0	-33.6	5.2	0	59	273	8	
700	2829	0	-16.7	6.0	0	51	272	6	700	2854	0	-15.9	6.0	0	60	243	8	700	2808	0	-17.8	5.4	0	67	264	7	
850	1351	0	-8.0	5.6	0	42	281	4	850	1368	0	-7.7	5.8	0	62	245	6	850	1337	0	-10.3	5.3	0	68	254	6	
997	* 95		-1.1	7.0					1003	* 46		-4	6.2						984	* 220		-7.5	6.9				
ASIA - RUSSIAN FEDERATION (ASIA) VERHOJANSK 24266 APR 2009 6734N 13320E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) ZHIGANSK 24343 APR 2009 6646N 12320E OB									ASIA - RUSSIAN FEDERATION (ASIA) TURA 24507 APR 2009 6416N 10010E OB 3									
030	23303	0	-54.7	12.9	1	92	259	10	030	23338	0	-54.7	11.7	0	91	272	11	030	23417	0	-56.0	14.6	3	93	271	15	
050	20060	0	-55.0	11.5	0	88	266	8	050	20081	0	-55.4	10.8	0	94	282	10	050	20169	0	-55.9	13.3	2	95	278	16	
100	15655	0	-55.0	9.0	0	83	285	7	100	15677	0	-55.3	9.4	0	89	291	9	100	15765	0	-55.4	12.6	0	91	276	14	
150	13065	0	-54.1	7.3	0	78	288	6	150	13084	0	-54.1	8.3	0	89	296	9	150	13169	0	-53.8	10.8	0	89	277	15	
200	11225	0	-54.4	6.0	0	68	297	7	200	11241	0	-54.8	6.7	0	84	296	9	200	11319	0	-54.1	9.2	0	86	276	14	
300	8658	0	-55.7	5.3	0	39	307	6	300	8667	0	-55.1	5.1	0	62	300	8	300	8737	0	-54.7	6.3	0	67	274	14	
500	5260	0	-33.9	6.0	0	30	308	3	500	5272	0	-33.8	6.3	0	58	292	6	500	5320	0	-32.6	6.9	0	69	268	11	
700	2828	0	-18.5	6.0	0	15	302	1	700	2839	0	-18.2	7.2	0	64	286	4	700	2869	0	-17.0	6.4	0	75	264	8	
850	1361	0	-11.0	6.3	0	26	258	1	850	1371	0	-10.9	6.4	0	47	260	3	850	1384	0	-8.2	6.9	0	74	259	7	
996	* 138		-9.8	5.6					1004	* 92		-7.5	6.2						990	* 168		-2.1	7.3				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
ASIA - RUSSIAN FEDERATION (ASIA) VANAVARA 24908 APR 2009 6020N 10210E OB									ASIA - RUSSIAN FEDERATION (ASIA) JAKUTSK 24959 APR 2009 6201N 12940E OB 0									ASIA - RUSSIAN FEDERATION (ASIA) ZYRYANKA 25400 APR 2009 6544N 15050E OB									
030	23551	0	-54.5	10.6	3	96	289	17	030	23302	0	-53.9	11.3	9	97	267	14	030	23386	0	-52.0	13.1	5	94	245	12	
050	20287	0	-55.4	9.5	2	94	287	16	050	20066	0	-55.5	10.2	9	95	276	11	050	20098	0	-53.3	11.0	3	93	236	10	
100	15869	0	-54.8	8.3	1	93	288	16	100	15688	0	-55.4	9.4	7	92	297	10	100	15655	0	-53.8	8.8	3	81	251	6	
150	13272	0	-53.8	7.0	1	91	289	15	150	13112	0	-54.1	8.0	6	90	302	11	150	13050	0	-52.8	7.3	4	69	257	6	
200	11417	0	-54.7	5.8	0	86	288	17	200	11279	0	-55.0	7.3	4	78	306	10	200	11201	0	-53.2	5.6	3	50	263	5	
300	8836	0	-53.5	4.7	0	67	283	16	300	8698	0	-54.3	6.2	2	65	305	13	300	8617	0	-56.6	3.5	2	35	286	6	
500	5390	0	-30.6	6.3	0	65	276	12	500	5299	0	-33.5	7.8	1	66	313	9	500	5234	0	-34.5	4.2	2	29	325	4	
700	2920	0	-14.5	5.4	0	63	272	8	700	2852	0	-17.8	7.8	0	64	310	6	700	2813	0	-19.6	4.4	2	22	311	2	
850	1422	0	-5.0	7.0	0	65	267	6	850	1378	0	-9.9	7.4	0	67	310	5	850	1352	0	-12.2	4.6	2	11	322	1	
983	* 260		.1	6.2					1000	* 101		-3.4	6.9						1008	* 43		-7.6	6.1				
ASIA - RUSSIAN FEDERATION (ASIA) SEJMCHAN 25703 APR 2009 6255N 15220E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) MAGADAN 25913 APR 2009 5933N 15040E OB									ASIA - RUSSIAN FEDERATION (ASIA) VERHNEE DUBROVO 28445 APR 2009 5644N 06104E OB 0									
030	23449	0	-51.4	12.4	0	96	247	15	030	23519	0	-49.7	16.9	0	96	245	16	030	23549	0	-55.3	12.4	2	96	258	17	
050	20146	0	-52.5	11.2	0	94	240	12	050	20199	0	-51.9	15.2	0	93	243	13	050	20297	0	-55.8	11.7	2	96	259	15	
100	15697	0	-53.6	9.8	0	79	247	8	100	15733	0	-53.1	12.5	0	77	253	9	100	15872	0	-54.4	10.4	2	90	261	13	
150	13084	0	-52.7	8.4	0	68	247	6	150	13119	0	-52.5	10.6	0	67	255	8	150	13264	0	-52.8	9.2	2	85	259	13	
200	11231	0	-53.1	6.7	0	58	249	6	200	11265	0	-52.4	8.9	0	58	259	7	200	11417	0	-53.2	7.5	1	75	262	13	
300	8643	0	-55.5	4.6	0	40	265	7	300	8673	0	-54.3	6.8	0	35	260	6	300	8805	0	-51.9	6.0	1	55	267	13	
500	5249	0	-34.4	5.5	0	19	288	3	500	5262	0	-33.0	7.2	0	16	260	2	500	5345	0	-30.7	7.3	0	58	263	11	
700	2825	0	-19.5	5.4	0	9	335	1	700	2823	0	-17.8	7.7	0	11	88	1	700	2876	0	-15.1	6.1	0	55	267	7	
850	1363	0	-11.9	4.8	0	18	13	1	850	1353	0	-10.4	6.3	0	56	93	4	850	1381	0	-5.1	6.2	0	58	267	5	
987	* 205		-7.1	6.2					996	* 116		-3.8	5.0						975	* 290		1.6	7.3				
ASIA - RUSSIAN FEDERATION (ASIA) OMSK 28698 APR 2009 5456N 07324E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) KOLPASEVO 29231 APR 2009 5819N 08257E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) EMEL'JANOVO 29572 APR 2009 5611N 09237E OB 0									
030	23659	0	-54.8	12.8	0	98	252	19	030	23626	0	-54.7	12.1	0	96	264	19	030	23675	0	-54.5	16.7	8	95	277	16	
050	20400	0	-55.0	11.8	0	97	252	20	050	20361	0	-54.7	11.3	0	97	262	18	050	20374	0	-55.5	18.8	2	96	273	17	
100	15980	0	-54.0	10.0	0	95	250	20	100	15926	0	-54.4	10.1	0	96	259	18	100	15953	0	-55.3	18.2	0	97	273	20	
150	13376	0	-53.7	8.9	0	93	246	22	150	13325	0	-53.3	8.8	0	94	259	19	150	13359	0	-54.1	17.4	0	94	271	21	
200	11535	0	-55.1	8.0	0	89	245	23	200	11475	0	-54.5	7.3	0	92	257	21	200	11516	0	-55.7	14.9	0	91	274	23	
300	8927	0	-48.6	7.9	0	84	244	23	300	8876	0	-51.8	6.2	0	85	254	22	300	8937	0	-52.7	10.0	0	85	274	28	
500	5415	0	-26.5	9.0	0	82	245	16	500	5404	0	-28.8	7.8	0	78	249	15	500	5455	0	-27.7	11.3	0	82	272	18	
700	2917	0	-12.5	6.3	0	82	244	11	700	2918	0	-13.3	9.7	0	76	246	10	700	2959	0	-11.9	11.6	0	77	267	11	
850	1413	0	-3.7	5.9	0	71	240	7	850	1418	0	-5.2	7.1	0	61	243	6	850	1448	0	-2.6	7.9	0	74	251	7	
1003	* 90		5.0	8.9					1005	* 75		2.6	6.7					992	* 206		3.5	7.9					

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
ASIA - RUSSIAN FEDERATION (ASIA) NOVOSIBIRSK 29634 APR 2009 5505N 08254E OB									ASIA - RUSSIAN FEDERATION (ASIA) HAKASSKAJA 29862 APR 2009 5346N 09119E OB									ASIA - RUSSIAN FEDERATION (ASIA) KIRENSK 30230 APR 2009 5746N 10800E OB 0									
030	23689	0	-54.4	13.6	1	97	269	18	030	23659	0	-55.7	13.3	0	94	278	16	030	23677	0	-53.6	13.3	9	94	291	14	
050	20424	0	-54.8	12.1	0	97	264	19	050	20424	0	-55.9	11.3	0	96	272	18	050	20374	0	-54.7	11.8	6	94	288	14	
100	15995	0	-54.6	10.4	0	97	261	21	100	16011	0	-55.0	8.9	0	97	271	21	100	15904	0	-55.1	9.9	1	93	288	16	
150	13393	0	-53.8	8.9	0	96	261	22	150	13420	0	-54.6	7.4	0	95	271	22	150	13309	0	-53.9	8.2	0	92	289	17	
200	11549	0	-55.5	7.5	0	93	260	25	200	11588	0	-57.4	6.6	0	92	270	25	200	11467	0	-55.1	6.5	0	88	288	18	
300	8967	0	-51.4	7.0	0	90	257	30	300	9017	0	-51.5	6.4	0	88	272	28	300	8888	0	-53.6	4.9	0	69	283	17	
500	5473	0	-26.5	10.0	0	88	255	19	500	5509	0	-25.5	9.9	0	87	271	17	500	5433	0	-29.4	6.4	0	69	281	12	
700	2963	0	-10.7	8.9	0	81	251	12	700	2990	0	-9.6	9.7	0	80	268	10	700	2948	0	-13.3	7.4	0	65	277	7	
850	1446	0	-2.3	7.4	0	71	242	7	850	1465	0	-2	9.2	0	68	254	5	850	1442	0	-2.9	8.7	0	55	263	4	
999	* 176		4.8	6.6					987	* 256		5.3	5.0						985	* 259		1.9	7.2				
ASIA - RUSSIAN FEDERATION (ASIA) CHARA 30372 APR 2009 5654N 11810E OB									ASIA - RUSSIAN FEDERATION (ASIA) CHITA 30758 APR 2009 5205N 11320E OB 0									ASIA - RUSSIAN FEDERATION (ASIA) ALDAN 31004 APR 2009 5837N 12520E OB 3									
030	23526	0	-53.2	13.7	1	93	289	13	030	23667	0	-52.8	13.8	9	91	290	12	030	23507	0	-52.2	10.8	0	91	282	14	
050	20257	0	-55.2	11.3	0	95	293	15	050	20391	0	-55.8	11.8	6	95	295	15	050	20226	0	-54.1	9.9	0	95	286	13	
100	15833	0	-55.0	10.0	0	93	300	15	100	15995	0	-55.2	10.1	4	94	293	18	100	15797	0	-54.8	8.8	0	91	301	13	
150	13238	0	-54.1	8.0	0	90	303	16	150	13398	0	-54.8	8.7	3	93	293	19	150	13197	0	-53.4	7.9	0	88	304	13	
200	11395	0	-55.5	6.1	0	86	304	16	200	11564	0	-56.8	7.7	2	90	292	22	200	11349	0	-54.2	6.6	0	84	307	14	
300	8824	0	-54.4	4.1	0	67	307	16	300	8967	0	-51.9	6.8	1	83	295	23	300	8770	0	-53.5	5.5	0	65	315	14	
500	5389	0	-30.8	7.9	0	72	313	12	500	5480	0	-26.5	9.1	0	78	304	14	500	5340	0	-31.8	7.3	0	69	321	11	
700	2917	0	-14.7	7.4	0	69	319	7	700	2971	0	-9.7	10.7	0	69	307	7	700	2889	0	-16.3	6.3	0	69	319	7	
850	1418	0	-4.0	9.5	0	40	319	2	850	1444	0	1.5	13.9	0	43	308	4	850	1405	0	-6.4	7.3	0	59	301	5	
929	* 711		-7	8.4					935	* 671		4.4	10.8						932	* 679		-1.7	8.7				
ASIA - RUSSIAN FEDERATION (ASIA) OHOTSK 31088 APR 2009 5922N 14310E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) AYAN 31168 APR 2009 5627N 13800E OB									ASIA - RUSSIAN FEDERATION (ASIA) BLAGOVESCENSK 31510 APR 2009 5032N 12730E OB 3									
030	23489	0	-50.7	11.9	0	91	252	14	030	23685	0	-48.4	14.2	9	88	242	13	030	23626	0	-50.5	16.8	4	84	269	12	
050	20188	0	-52.6	10.6	0	89	261	11	050	20316	0	-51.3	11.9	9	89	266	12	050	20336	0	-54.2	15.4	3	92	282	14	
100	15734	0	-53.8	9.1	1	71	279	8	100	15809	0	-52.7	10.2	9	84	285	9	100	15911	0	-54.6	13.2	1	91	288	17	
150	13127	0	-52.7	7.9	1	64	285	7	150	13179	0	-51.7	8.9	9	76	286	10	150	13313	0	-53.8	11.2	1	92	291	18	
200	11273	0	-53.0	6.5	1	54	290	7	200	11310	0	-52.0	7.5	7	62	297	8	200	11469	0	-54.7	9.9	1	89	295	20	
300	8678	0	-54.2	4.8	1	35	283	8	300	8738	0	-53.1	5.9	2	38	306	7	300	8883	0	-52.0	9.2	0	81	294	23	
500	5266	0	-32.9	5.4	1	25	297	4	500	5301	0	-32.4	6.9	1	42	349	6	500	5411	0	-28.3	11.4	0	82	308	15	
700	2826	0	-17.6	6.5	1	20	34	2	700	2844	0	-16.6	8.1	1	57	18	6	700	2922	0	-11.9	13.8	0	77	318	10	
850	1353	0	-9.4	5.4	1	46	70	4	850	1359	0	-8.5	6.4	1	70	14	6	850	1411	0	-1.7	14.6	0	66	327	7	
1010	* 6		-3.0	4.1					1008	* 8		-1.0	5.8						992	* 177		5.4	11.6				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
ASIA - RUSSIAN FEDERATION (ASIA) HABAROVSK 31736 APR 2009 4832N 13510E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) VLADIVOSTOK (SAD GOROD) 31977 APR 2009 4316N 13200E OB 3									ASIA - RUSSIAN FEDERATION (ASIA) ALEKSANDROVSK-SAHALINSKIJ 32061 APR 2009 5054N 14210E OB								
030	23680	0	-48.7	12.6	5	89	252	13	030	23755	0	-53.0	15.0	5	83	270	11	030	23506	0	-50.6	11.8	9	98	253	20
050	20371	0	-53.2	11.6	3	89	269	14	050	20501	0	-56.9	13.2	1	94	279	15	050	20206	0	-53.9	10.5	9	97	263	14
100	15936	0	-54.0	10.7	1	91	280	18	100	16106	0	-55.5	11.4	0	95	278	22	100	15767	0	-54.5	9.1	9	97	276	14
150	13330	0	-52.8	9.5	0	89	283	18	150	13515	0	-54.6	9.9	0	93	280	24	150	13170	0	-54.2	7.7	9	95	282	13
200	11486	0	-54.1	8.3	0	86	290	22	200	11679	0	-55.9	8.7	0	87	282	24	200	11327	0	-55.4	5.9	9	87	287	13
300	8882	0	-49.9	8.0	0	77	295	21	300	9075	0	-47.6	8.6	0	78	287	21	300	8766	0	-55.1	4.3	9	66	301	14
500	5378	0	-27.9	9.2	0	74	298	14	500	5521	0	-23.0	11.1	0	80	294	14	500	5334	0	-30.5	7.0	9	58	298	8
700	2903	0	-12.3	9.5	0	69	299	9	700	2981	0	-7.4	10.8	0	63	298	8	700	2859	0	-14.8	6.5	9	66	289	7
850	1396	0	-2.4	11.8	1	52	302	6	850	1443	0	1.8	12.6	0	43	310	5	850	1366	0	-6.1	5.4	9	68	280	5
1002	* 72		5.4	11.9					1004	* 82		6.8	8.3					1006	* 31		.3	4.0				
ASIA - RUSSIAN FEDERATION (ASIA) JUZHNO-SAHALINSK 32150 APR 2009 4657N 14240E OB 1									ASIA - RUSSIAN FEDERATION (ASIA) KLJUCHI 32389 APR 2009 5619N 16050E OB									ASIA - RUSSIAN FEDERATION (ASIA) PETROPAVLOVSK-KAMCHATSKIJ 32540 APR 2009 5305N 15830E OB 3								
030	23727	0	-48.0	13.4	5	94	247	13	030	23669	0	-47.3	14.4	1	98	245	18	030	23694	0	-47.3	14.0	0	98	241	17
050	20406	0	-53.0	11.7	3	94	263	15	050	20317	0	-50.0	12.9	0	96	238	15	050	20346	0	-50.4	12.6	0	95	243	15
100	15958	0	-53.9	10.1	1	93	270	19	100	15821	0	-51.7	10.9	0	91	240	12	100	15856	0	-52.2	10.6	0	90	250	14
150	13341	0	-52.0	9.0	1	91	275	20	150	13198	0	-51.7	9.2	0	86	242	11	150	13231	0	-51.5	9.1	0	85	250	14
200	11483	0	-53.5	7.6	1	85	274	20	200	11338	0	-52.4	7.6	0	78	241	11	200	11369	0	-52.3	7.6	0	78	248	14
300	8875	0	-49.7	6.8	1	77	278	21	300	8746	0	-54.0	5.8	0	55	235	10	300	8768	0	-52.3	6.1	0	55	240	11
500	5389	0	-27.3	9.4	0	74	287	13	500	5303	0	-30.0	7.6	0	33	230	4	500	5309	0	-29.1	7.9	0	30	239	4
700	2892	0	-11.8	9.5	0	66	290	9	700	2835	0	-15.2	8.2	0	9	175	1	700	2831	0	-14.3	7.7	0	11	204	1
850	1386	0	-3.9	7.6	0	46	295	5	850	1356	0	-9.0	4.7	0	22	126	2	850	1345	0	-8.0	4.3				
1009	* 24		2.1	4.7					1005	* 29		-1.4	5.2					998	* 84		.1	5.6				
ASIA - RUSSIAN FEDERATION (ASIA) ORENBURG 35121 APR 2009 5141N 05506E OB 3									ASIA - SAUDI ARABIA AL-QAISUMAH 40373 APR 2009 2819N 04608E OB									ASIA - SAUDI ARABIA TABUK 40375 APR 2009 2823N 03636E OB 3								
030	23608	0	-55.0	18.3	0	97	255	18	030	23814	0	-53.2	32.2	9	70	103	4	030	23821	0	-53.8	31.9	9	74	83	5
050	20354	0	-55.6	16.9	0	96	258	16	050	20586	0	-62.3	27.5	7	31	220	2	050	20587	0	-60.9	28.9	9	47	250	2
100	15940	0	-54.7	14.4	0	94	261	14	100	16415	0	-68.1	22.8	6	97	271	30	100	16408	0	-68.6	22.0	9	97	268	30
150	13339	0	-53.1	11.9	0	91	265	14	150	13939	0	-60.4	24.2	5	97	273	47	150	13928	0	-61.0	23.7	9	98	275	52
200	11485	0	-53.5	9.8	0	81	270	13	200	12120	0	-54.3	20.9	5	95	276	51	200	12109	0	-54.3	19.5	9	98	281	56
300	8890	0	-52.2	8.0	0	58	276	12	300	9450	0	-40.5	18.2	4	95	276	34	300	9441	0	-40.4	17.4	9	98	278	41
500	5417	0	-28.4	9.3	0	59	279	10	500	5774	0	-13.6	18.4	4	94	268	19	500	5765	0	-13.5	22.5	9	98	275	21
700	2929	0	-13.0	7.2	0	66	274	8	700	3121	0	5.4	14.8	4	90	266	11	700	3112	0	5.9	25.5	9	88	263	10
850	1422	0	-4.0	5.8	0	56	265	6	850	1499	0	17.5	19.7	4	27	272	2	850	1488	0	18.2	24.0	9	64	287	4
999	* 117		5.2	8.3					970	* 358		27.1	26.3					924	* 778		23.7	27.5				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
ASIA - SAUDI ARABIA HAIL 40394 APR 2009 2726N 04141E OB 3									ASIA - SAUDI ARABIA K.F.I.A. (KING FAHAD INT. AI) 40417 APR 2009 2627N 04949E OB 3									ASIA - SAUDI ARABIA AL-MADINAH 40430 APR 2009 2433N 03942E OB 3								
030	23804	0	-53.4	31.2	4	65	86	4	030	23810	0	-53.3	31.9	5	75	97	4	030	23778	0	-53.3	32.1	6	86	95	6
050	20572	0	-62.4	26.3	4	41	231	2	050	20589	0	-63.4	27.0	5	34	203	2	050	20558	0	-63.9	26.6	6	29	191	2
100	16428	0	-70.1	20.3	4	98	270	31	100	16463	0	-71.3	19.5	4	96	267	28	100	16476	0	-73.9	16.6	6	97	268	28
150	13979	0	-62.2	21.2	4	98	272	50	150	14025	0	-62.5	20.6	1	96	272	45	150	14062	0	-64.6	17.7	6	97	272	44
200	12167	0	-53.4	21.1	4	97	278	54	200	12213	0	-52.8	20.7	1	96	274	51	200	12260	0	-53.2	19.3	6	96	278	47
300	9481	0	-39.4	16.6	4	95	278	38	300	9513	0	-38.3	17.5	1	91	274	34	300	9543	0	-36.3	18.6	6	96	278	37
500	5793	0	-12.8	21.0	4	95	269	19	500	5809	0	-12.2	18.2	1	92	272	18	500	5814	0	-10.9	19.4	6	94	274	18
700	3132	0	6.9	16.5	4	88	255	8	700	3143	0	7.1	15.8	1	85	272	11	700	3135	0	8.5	18.0	6	77	262	7
850	1499	0	19.8	23.2	4	30	186	2	850	1513	0	18.8	22.0	1	50	248	4	850	1490	0	22.6	24.4	6	54	270	4
900	*1015		23.6	23.1					1009	* 22		26.7	18.0					937	* 654		30.1	31.6				
ASIA - SAUDI ARABIA KING KHALED INT. AIRPORT 40437 APR 2009 2456N 04643E OB 3									ASIA - SAUDI ARABIA JEDDAH (KING ABDUL AZIZ INT.) 41024 APR 2009 2142N 03911E OB 3									ASIA - OMAN SEEB, INT'L AIRPORT 41256 APR 2009 2335N 05817E OB 1								
030	23789	0	-53.6	31.2	9	81	99	5	030	23787	0	-53.2	32.0	6	87	104	6	030	23789	0	-53.9	30.2	9	92	90	6
050	20580	0	-64.4	25.9	9	46	184	2	050	20583	0	-65.9	24.3	6	7	143	1	050	20589	0	-65.4	23.3	3	67	263	10
100	16480	0	-73.8	17.4	9	96	265	27	100	16558	0	-77.0	14.2	6	96	267	22	100	16530	0	-75.3	14.9	2	96	253	26
150	14057	0	-63.6	19.5	7	97	269	43	150	14166	0	-64.9	16.3	5	96	273	31	150	14121	0	-63.7	17.6	2	96	266	35
200	12250	0	-53.0	20.6	5	95	275	46	200	12365	0	-53.4	15.6	5	94	278	35	200	12318	0	-53.6	16.7	2	92	271	39
300	9536	0	-36.8	17.3	5	94	276	36	300	9636	0	-33.2	19.2	5	93	277	30	300	9594	0	-34.1	24.0	2	93	271	32
500	5815	0	-11.6	18.2	4	92	272	16	500	5872	0	-8.6	22.9	5	89	278	13	500	5846	0	-9.8	74.4	2	83	273	14
700	3143	0	7.9	15.7	4	89	261	10	700	3170	0	10.9	21.1	5	61	264	5	700	3162	0	8.2	16.9	1	73	278	9
850	1506	0	20.2	20.2	4	38	187	3	850	1517	0	23.0	23.9	5	33	200	2	850	1524	0	20.2	20.1	1	76	276	6
942	* 614		26.0	21.7					1007	* 17		29.2	28.5					1010	* 15		25.4	10.5				
ASIA - PAKISTAN KARACHI AIRPORT 41780 APR 2009 2454N 06708E OB 1									ASIA - INDIA NEW DELHI/SAFDARJUNG 42182 APR 2009 2835N 07712E OB 3									ASIA - INDIA JODHPUR 42339 APR 2009 2618N 07301E OB 3								
030									030	24200	0	-39.9	18.4	9	40	292	8	030								
050									050	20805	0	-50.9	14.6	9	50	113	5	050								
100	16483	0	-74.3	34.3	8	96	259	24	100	16483	0	-69.5	10.1	2	77	259	11	100	16600	0	-70.8	12.6	9	95	251	14
150	14068	0	-62.9	6.1	1	95	257	31	150	14053	0	-62.3	12.7	1	94	260	29	150	14120	0	-62.0	14.6	9	98	253	32
200	12260	0	-53.3	16.7	1	90	262	35	200	12234	0	-47.7	19.8	1	92	266	34	200	12282	0	-51.5	14.8	9	97	254	37
300	9540	0	-34.3	23.8	1	91	259	28	300	9556	0	-36.5	17.1	0	92	268	29	300	9591	0	-33.8	18.8	8	97	256	34
500	5887	0	-10.1	2.9	1	81	266	12	500	5831	0	-10.4	17.8	0	89	278	15	500	5836	0	-9.1		7	81	265	12
700	3106	0	8.6	4.4	1	57	262	6	700	3124	0	9.3	17.2	0	88	292	11	700	3137	0	10.6	24.6	5	80	267	7
850	1468	0	21.6	20.7	1	73	267	7	850	1473	0	22.2	19.7	0	94	308	9	850	1487	0	24.1	29.0	5	76	270	7
1100	* 22		25.4	5.0					975	* 216		29.8	18.9					981	* 224		31.2	26.7				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps		
ASIA - INDIA LUCKNOW/AMAUSI 42369 APR 2009 2645N 08053E OB 3									ASIA - INDIA GUWAHATI 42410 APR 2009 2606N 09135E OB 3									ASIA - INDIA NAGPUR SONEGAON 42867 APR 2009 2106N 07903E OB 3										
030	24238	0	-41.9	18.4	0		81	10	030									030										
050	20868	0	-61.8	18.0	9	97	90	11	050									050										
100	16528	0	-74.6	12.1	9	82	232	5	100									100										
150	14155	0	-66.7	13.7	9	92	255	17	150									150	14126	0	-55.5			9	87	245	12	
200	12360	0	-52.7	16.8	9	98	255	28	200	12384	0	-53.2	16.3		9	93	276	25	200	12327	0	-54.8			6	90	251	19
300	9585	0	-29.6	21.0	9	96	265	32	300	9613	0	-32.8	17.8		7	94	280	22	300	9619	0	-33.4			0	89	259	18
500	5777	0	-9.4	23.6	9	84	288	16	500	5785	0	-7.9	13.9		4	94	274	13	500	5836	0	-7.9	19.5		0	72	283	7
700	3098	0	10.5	25.4	9	87	294	13	700	3100	0	7.1	8.0		1	97	266	11	700	3142	0	10.4	15.0		0	71	283	5
850	1437	0	22.5	27.6	9	91	299	13	850	1463	0	17.0	6.1		1	73	256	5	850	1489	0	24.5	23.7		0	49	356	3
990	* 128		29.4	17.6					1001	* 54		25.1	5.5						971	* 310		33.1	23.0					
ASIA - INDIA BHUBANESHWAR 42971 APR 2009 2015N 08550E OB 3									ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR 43150 APR 2009 1742N 08318E OB 3									ASIA - INDIA GOA/PANJIM 43192 APR 2009 1529N 07349E OB 3										
030									030									030										
050									050	20744	0	-54.6			6	79	75	6	050									
100	16564	0	-78.7		4	25	207	2	100	16558	0	-78.1			1	65	97	7	100									
150	14213	0	-66.1		2	73	254	10	150	14188	0	-65.9			1	43	217	12	150									
200	12417	0	-52.1		1	89	255	12	200	12392	0	-52.6			1	65	229	14	200	12375	0	-53.8						
300	9671	0	-30.4	15.2	1	81	265	13	300	9648	0	-30.9	18.1		0	67	257	11	300	9616	0	-31.6	18.7					
500	5841	0	-5.2	14.7	1	69	289	6	500	5821	0	-5.5	17.5		0	32	305	6	500	5812	0	-6.9	18.1					
700	3135	0	11.0	10.9	1	73	321	7	700	3112	0	10.7	10.6		0	89	356	7	700	3123	0	9.6	6.9					
850	1479	0	25.0	15.4	1	48	286	3	850	1460	0	23.7	14.1		0	31	273	5	850	1479	0	22.1	12.5					
1000	* 46		29.8	5.5					999	* 66		29.0	4.3						1000	* 60		29.4	4.6					
ASIA - INDIA MANGALORE/PANAMBUR 43285 APR 2009 1257N 07450E OB 3									ASIA - HONG KONG, CHINA KOWLOON 45004 APR 2009 2219N 11410E OB 1									ASIA - JAPAN WAKKANAI 47401 APR 2009 4525N 14140E OB 2										
030									030	23773	0	-54.7	32.4		2	94	75	9	030	23761	0	-48.4			2	91	251	12
050									050	20581	0	-66.2	27.4		1	29	75	2	050	20440	0	-53.4			0	94	265	15
100									100	16560	0	-77.8	14.2		0	91	275	16	100	16006	0	-54.3			0	94	269	21
150									150	14173	0	-64.8	18.0		0	96	271	27	150	13400	0	-52.6	30.2		0	93	271	23
200	12409	0	-54.2						200	12366	0	-52.0	21.5		0	92	270	30	200	11547	0	-54.2	19.3		0	89	275	25
300	9680	0	-31.1	17.5					300	9621	0	-31.9	19.9		0	94	265	25	300	8936	0	-49.2	2.6		0	83	279	24
500	5856	0	-4.9	18.8					500	5825	0	-7.1	17.1		0	92	262	14	500	5430	0	-26.7	12.6		0	75	283	14
700	3145	0	11.0	8.4					700	3129	0	7.2	5.0		0	90	260	8	700	2921	0	-10.8	12.6		0	61	285	9
850	1495	0	21.5	8.1	5	47	358	4	850	1503	0	15.1	3.4		0	57	198	3	850	1403	0	-1.7	11.5		0	57	273	7
1004	* 32		29.2	4.3					1006	* 66		20.8	4.2						1010	* 12		4.3	4.0					

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
ASIA - JAPAN SAPPORO 47412 APR 2009 4304N 14120E OB 2									ASIA - JAPAN NEMURO 47420 APR 2009 4320N 14530E OB 2									ASIA - JAPAN AKITA 47582 APR 2009 3943N 14000E OB 2									
030	23788	0	-48.9		1	87	252	10	030	23795	0	-48.1		1	88	247	9	030	23810	0	-50.1		5	78	253	6	
050	20479	0	-54.6		0	92	263	14	050	20481	0	-54.2		0	92	259	14	050	20527	0	-56.7		2	92	265	12	
100	16070	0	-55.3		0	95	268	23	100	16063	0	-55.4		0	94	265	23	100	16161	0	-56.7		0	95	270	25	
150	13473	0	-53.6		0	95	269	27	150	13463	0	-53.0		0	95	266	27	150	13584	0	-55.3		0	97	266	34	
200	11622	0	-54.5		0	91	273	29	200	11608	0	-53.2		0	91	268	31	200	11747	0	-55.1		0	92	265	35	
300	9012	0	-48.8		0	81	279	26	300	8981	0	-48.8		0	80	277	25	300	9120	0	-46.1		0	84	272	26	
500	5478	0	-24.3	15.3	0	79	283	16	500	5458	0	-25.1	13.0	0	78	278	15	500	5547	0	-21.4	15.3	0	80	276	17	
700	2947	0	-8.5	17.3	0	64	288	9	700	2933	0	-9.6	14.8	0	69	287	9	700	2987	0	-6.0	15.5	0	77	276	12	
850	1420	0	-7	10.6	0	50	279	5	850	1412	0	-2.0	8.6	2	58	295	6	850	1445	0	2.0	11.4	0	66	260	7	
1010	* 26		7.5	8.4					1008	* 39		2.7	3.8						1014	* 7		9.3	4.4				
ASIA - JAPAN WAJIMA 47600 APR 2009 3724N 13650E OB 2									ASIA - JAPAN TATENO 47646 APR 2009 3603N 14000E OB 2									ASIA - JAPAN HACHIJOJIMA 47678 APR 2009 3307N 13940E OB 2									
030	23811	0	-51.8		1	80	256	5	030	23820	0	-52.1		1	58	245	3	030	23822	0	-53.2		5	14	293	1	
050	20551	0	-58.4		0	91	269	11	050	20563	0	-58.9		0	87	260	9	050	20579	0	-60.6		0	81	267	7	
100	16230	0	-59.4		0	97	267	26	100	16268	0	-61.4		0	97	265	29	100	16343	0	-65.1		0	97	262	30	
150	13667	0	-55.6		0	97	265	35	150	13727	0	-56.9		0	97	264	41	150	13840	0	-59.6		0	97	265	47	
200	11836	0	-55.0		0	94	264	38	200	11903	0	-55.7		0	95	262	47	200	12031	0	-56.6		0	96	261	54	
300	9194	0	-43.7		0	89	267	31	300	9248	0	-41.6		0	91	262	39	300	9362	0	-38.9		0	93	260	40	
500	5591	0	-19.9	16.6	0	81	275	16	500	5621	0	-18.7	21.5	0	88	265	17	500	5678	0	-15.3	20.5	0	86	266	20	
700	3018	0	-4.6	14.3	0	80	269	10	700	3030	0	-3.0	10.8	1	76	277	9	700	3058	0	.1	23.0	0	69	269	9	
850	1464	0	4.6	12.5	0	75	261	7	850	1466	0	6.0	7.7	1	50	213	3	850	1479	0	7.4	10.3	0	57	257	5	
1013	* 15		9.7	9.1					1010	* 31		13.2	5.5						995	* 156		14.7	14.6				
ASIA - JAPAN YONAGO 47744 APR 2009 3526N 13320E OB 2									ASIA - JAPAN SHIONOMISAKI 47778 APR 2009 3327N 13540E OB 2									ASIA - JAPAN FUKUOKA 47807 APR 2009 3335N 13020E OB 2									
030	23820	0	-51.5		2	67	269	4	030	23833	0	-53.2		1	59	268	3	030	23827	0	-52.9		3	64	275	3	
050	20571	0	-59.9		0	91	275	9	050	20592	0	-61.0		0	91	265	9	050	20590	0	-61.3		1	87	281	7	
100	16284	0	-61.3		0	98	268	28	100	16348	0	-64.0		0	98	265	29	100	16337	0	-63.1		0	98	270	29	
150	13739	0	-57.0		0	97	266	39	150	13831	0	-58.1		0	97	265	43	150	13813	0	-57.7		0	97	267	41	
200	11912	0	-55.2		0	95	264	43	200	12011	0	-55.3		0	96	260	48	200	11990	0	-55.2		0	94	261	44	
300	9258	0	-41.9		0	90	267	32	300	9341	0	-39.4		0	94	260	39	300	9324	0	-40.1		0	92	266	34	
500	5628	0	-18.4	23.7	0	79	276	16	500	5669	0	-15.8	25.5	0	87	269	18	500	5660	0	-16.4	23.7	0	83	277	17	
700	3038	0	-2.9	22.4	1	75	280	9	700	3055	0	-3	25.8	0	66	268	8	700	3054	0	-1.2	21.8	0	65	281	8	
850	1476	0	5.7	9.6	0	53	259	5	850	1480	0	7.5	7.2	0	56	300	5	850	1484	0	6.7	10.0	0	55	257	5	
1014	* 9		13.2	5.8					1005	* 76		15.1	5.4						1014	* 15		15.4	14.7				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
ASIA - JAPAN KAGOSHIMA 47827 APR 2009 3133N 13030E OB 2									ASIA - JAPAN NAZE/FUNCHATOGE 47909 APR 2009 2824N 12930E OB 2									ASIA - JAPAN ISHIGAKIJIMA 47918 APR 2009 2420N 12410E OB 2									
030	23826	0	-53.6		3	57	269	3	030	23824	0	-54.0		3	14	29	1	030	23802	0	-54.6		7	71	75	3	
050	20600	0	-62.8		3	88	271	7	050	20609	0	-63.5		3	40	280	3	050	20610	0	-65.5		6	23	352	1	
100	16397	0	-66.3		0	98	268	28	100	16470	0	-70.4		1	97	268	27	100	16557	0	-75.3		0	96	272	22	
150	13898	0	-59.5		0	97	265	45	150	14019	0	-62.3		1	97	265	45	150	14151	0	-64.0		0	96	266	34	
200	12082	0	-54.8		0	96	263	47	200	12215	0	-54.0		0	95	261	46	200	12339	0	-52.1		0	95	267	36	
300	9403	0	-38.3		0	95	261	37	300	9511	0	-35.3	11.7	0	95	262	37	300	9607	0	-32.8	11.3	0	95	259	28	
500	5703	0	-13.6	26.3	0	91	276	20	500	5762	0	-10.3	17.1	0	94	270	20	500	5818	0	-7.9	11.7	0	96	260	18	
700	3070	0	1.1	26.0	0	69	276	9	700	3098	0	4.0	19.8	0	71	280	8	700	3127	0	6.6	6.5	0	83	264	7	
850	1491	0	7.4	10.8	0	36	317	3	850	1502	0	9.8	11.7	0	28	310	3	850	1509	0	13.0	4.6	0	13	64	1	
1012	* 32		16.9	7.6					981	* 295		16.3	4.5						1014	* 11		21.8	5.4				
ASIA - JAPAN MINAMIDAITOJIMA 47945 APR 2009 2550N 13110E OB 2									ASIA - JAPAN CHICHIJIMA 47971 APR 2009 2706N 14210E OB 3									ASIA - JAPAN MINAMITORISHIMA 47991 APR 2009 2417N 15350E OB 3									
030	23810	0	-54.1		9	54	40	3	030	23825	0	-54.5		3	54	97	3	030	23822	0	-54.6		2	89	87	6	
050	20604	0	-64.3		8	20	277	1	050	20617	0	-64.2		3	50	237	3	050	20632	0	-65.7		2	60	122	3	
100	16518	0	-74.4		0	96	271	25	100	16513	0	-73.6		0	96	266	28	100	16583	0	-76.4		0	90	273	16	
150	14102	0	-64.3		0	96	264	40	150	14099	0	-64.5		0	97	266	43	150	14193	0	-65.9		0	93	278	26	
200	12302	0	-53.8		1	96	260	40	200	12304	0	-54.7		0	97	265	41	200	12400	0	-54.1		0	93	282	27	
300	9584	0	-33.5	10.0	0	97	255	34	300	9590	0	-33.7	6.9	0	97	258	32	300	9680	0	-33.1	9.2	0	94	270	19	
500	5804	0	-8.3	15.4	0	96	263	21	500	5809	0	-8.3	11.4	0	96	256	23	500	5883	0	-6.2	19.9	0	90	256	12	
700	3119	0	6.3	14.5	0	83	268	10	700	3122	0	6.2	13.0	0	90	255	13	700	3174	0	8.7	12.8	0	77	238	5	
850	1507	0	11.7	6.9	0	27	292	2	850	1509	0	12.5	5.6	0	62	261	6	850	1547	0	15.2	5.0	0	69	209	4	
1013	* 21		19.8	4.4					1014	* 8		20.1	3.9						1016	* 9		24.3	2.5				
ASIA - CHINA HAILAR 50527 APR 2009 4913N 11940E OB 3									ASIA - CHINA WU LU MU QI 51463 APR 2009 4348N 08739E OB 3									ASIA - CHINA YINCHUAN 53614 APR 2009 3828N 10610E OB									
030	23632	0	-54.0	35.3	0	85	285	11	030	23758	0	-56.1	25.8	2	67	293	8	030	23816	0	-54.9	21.7	2	67	324	6	
050	20372	0	-56.5	33.0	0	88	295	14	050	20532	0	-58.9	25.3	1	91	281	10	050	20599	0	-60.1	18.9	2	89	305	8	
100	15973	0	-55.8	33.9	0	95	295	19	100	16210	0	-58.6	23.6	0	95	270	20	100	16315	0	-60.6	13.2	1	96	286	22	
150	13386	0	-54.6	21.1	0	86	298	19	150	13648	0	-56.6	24.0	0	96	268	23	150	13764	0	-56.7	16.4	1	97	283	29	
200	11554	0	-57.1	3.9	0	88	299	21	200	11838	0	-60.6	14.5	0	92	265	24	200	11946	0	-58.2	15.2	1	94	286	29	
300	8977	0	-52.0	10.2	0	78	299	21	300	9258	0	-47.3	11.0	0	90	273	18	300	9329	0	-43.8	12.4	0	88	288	23	
500	5486	0	-26.6	15.2	0	82	306	14	500	5663	0	-18.3	16.9	0	82	270	9	500	5692	0	-16.0	19.5	0	75	297	9	
700	2974	0	9.9	12.8	0	80	310	8	700	3066	0	-1.4	14.6	0	29	360	2	700	3072	0	1.2	18.4	0	25	284	2	
850	1444	0	.9	15.4	0	50	326	4	850	1495	0	7.7	15.9	0	33	360	2	850	1482	0	10.6	17.5	0	50	120	2	
942	* 611		1.9	8.2					909	* 947		9.2	8.9						889	*1112		8.9	10.0				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps		
ASIA - CHINA BEIJING 54511 APR 2009 3956N 11610E OB 3									ASIA - CHINA LHASA 55591 APR 2009 2940N 09108E OB 3									ASIA - CHINA KUNMING 56778 APR 2009 2501N 10240E OB 3										
030	23785	0	-54.4	16.9	0	78	291	7	030	23817	0	-54.7			1	75	80	6	030	23799	0	-54.8			0		79	7
050	20556	0	-59.2	16.3	0	91	299	10	050	20615	0	-63.2			1	33	104	1	050	20612	0	-66.6			0	50	103	2
100	16229	0	-58.2	17.4	0	96	289	22	100	16518	0	-71.8			1	96	271	22	100	16571	0	-75.9			0	95	281	19
150	13654	0	-55.0	17.4	0	93	288	26	150	14066	0	-61.0	15.1		1	95	271	36	150	14159	0	-62.9	18.0		0	94	277	30
200	11824	0	-56.6	16.4	0	90	291	26	200	12249	0	-52.4	17.5		0	95	274	37	200	12340	0	-51.5	21.1		0	94	278	32
300	9207	0	-45.9	15.9	0	85	297	23	300	9535	0	-35.5	17.8		0	92	277	23	300	9597	0	-31.8	24.1		0	93	274	27
500	5617	0	-19.8	21.2	0	82	307	14	500	5781	0	-8.1	13.3		0	71	258	5	500	5801	0	-6.5	23.6		0	94	281	16
700	3040	0	-3.6	16.1	0	73	321	8	653	*3650		4.8	8.9						700	3103	0	7.4	5.5		0	85	262	11
850	1477	0	5.7	14.9	0	40	300	4											810	*1892		13.7	5.1					
1012	* 55		12.1	9.9																								
ASIA - CHINA SHANGHAI 58362 APR 2009 3124N 12120E OB 3									AFRICA - MADEIRA FUNCHAL 08522 APR 2009 3238N 01654W OB 3									AFRICA - SPAIN (CANARY ISLANDS) TENERIFE-GUIMAR 60018 APR 2009 2819N 01623W OB										
030	23815	0	-53.7		2	25	60	1	030	23799	0	-52.8			0	52	242	2	030	23803	0	-52.7	32.9		0	40	123	2
050	20607	0	-63.1		2	71	289	5	050	20565	0	-61.5			0	75	311	2	050	20568	0	-61.7	29.6		0	33	298	2
100	16416	0	-65.9		0	96	273	27	100	16321	0	-64.3			0	94	274	8	100	16376	0	-67.6	25.2		0	96	267	22
150	13912	0	-58.7	23.3	0	98	268	41	150	13816	0	-60.5			0	94	275	11	150	13899	0	-61.4	23.9		0	98	265	35
200	12090	0	-54.8	20.2	0	93	266	42	200	12033	0	-60.7			0	86	278	10	200	12104	0	-57.7	16.1		0	95	265	32
300	9419	0	-38.8	19.0	0	91	267	31	300	9421	0	-43.5			0	71	286	6	300	9456	0	-41.0	20.9		0	81	270	18
500	5717	0	-13.4	26.4	0	83	276	15	500	5771	0	-14.3	22.5		0	69	313	4	500	5782	0	-13.0	26.9		0	60	290	6
700	3084	0	1.0	24.2	0	55	287	6	700	3134	0	2.6	20.4		0	68	351	3	700	3129	0	4.7	24.6		0	36	347	3
850	1502	0	8.4	18.3	0	12	289	1	850	1545	0	7.8	10.5		1	82	19	3	850	1526	0	11.2	10.7		0	76	12	5
1017	* 8		14.5	4.6					1016	* 58		19.6	8.7						1006	* 111		18.1	7.5					
AFRICA - MALI BAMAKO/SENOU 61291 APR 2009 1232N 00757W OB 2									AFRICA - SENEGAL DAKAR/YOFF 61641 APR 2009 1444N 01730W OB 3									AFRICA - OCEAN ISLANDS ST. HELENA IS. 61901 APR 2009 1556S 00540W OB 3										
030	23786	0	-54.7	31.7	2	81	85	6	030	23759	0	-54.3	32.3		3	89	90	7	030	23797	0	-55.4	32.1		9	97	89	16
050	20606	0	-66.6	24.2	0	54	271	4	050	20583	0	-66.7	25.6		1	12	335	1	050	20614	0	-65.4	26.2		9	73	95	6
100	16596	0	-80.6	8.8	0	58	245	5	100	16564	0	-79.1	10.6		0	88	250	12	100	16589	0	-78.6	13.2		9	29	269	3
150	14243	0	-67.2	9.4	0	81	235	10	150	14203	0	-67.7	11.4		0	96	250	19	150	14223	0	-67.3	13.7		9	89	282	14
200	12453	0	-53.4	12.2	0	78	235	10	200	12415	0	-53.7	16.0		0	92	250	20	200	12434	0	-53.4	17.7		9	89	279	16
300	9715	0	-31.1	20.5	0	69	276	7	300	9684	0	-32.0	21.0		0	90	260	17	300	9698	0	-32.0	26.6		9	82	238	10
500	5896	0	-6.0	11.6	0	22	231	2	500	5879	0	-6.3	26.7		0	82	255	7	500	5888	0	-5.1	34.4		9	22	204	2
700	3189	0	10.7	13.3	0	71	89	4	700	3178	0	9.5	12.6		0	46	185	4	700	3169	0	9.8	23.3		9	34	90	2
850	1531	0	24.7	24.9	0	66	69	4	850	1529	0	22.8	25.1		0	38	360	3	850	1533	0	16.0	9.8		9	88	109	7
968	* 381		33.8	26.4					1009	* 27		20.7	3.3						967	* 436		22.1	4.3					

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps			
AFRICA - OCEAN ISLANDS SERGE-FROLOW (ILE TROMELIN) 61976 APR 2009 1548S 05430E OB 2									AFRICA - OCEAN ISLANDS PORT-AUX-FRANCAIS (ILES KERG) 61998 APR 2009 4918S 07012E OB 2									AFRICA - EGYPT MERSA MATRUH 62306 APR 2009 3120N 02713E OB 3											
030									030										030	23811	0	-53.0			6	15	272	1	
050	20663	0	-66.5	25.1	3	67	89	4	050	20444	0	-56.4				5	96	275	23	050	20573	0	-60.4			6	68	268	5
100	16643	0	-79.9	11.9	1	41	299	4	100	16042	0	-56.5				2	97	274	29	100	16234	0	-65.1	28.3		6	98	265	25
150	14274	0	-65.2	15.8	0	61	293	10	150	13461	0	-54.8				2	93	273	35	150	13834	0	-59.8	28.8		6	97	274	37
200	12469	0	-52.2	18.9	0	67	290	9	200	11619	0	-54.6				1	89	276	41	200	12021	0	-56.3	21.8		2	96	273	41
300	9388	0	-30.7	24.3	0	55	308	6	300	8985	0	-45.1	9.9		1	86	272	42	300	9376	0	-42.3	19.8		1	96	270	31	
500	5889	0	-4.1	25.8	0	33	358	3	500	5407	0	-22.0	10.9		1	90	276	31	500	5724	0	-14.9	25.2		1	94	271	19	
700	3164	0	10.2	9.1	0	53	79	4	700	2854	0	-6.8	12.7		0	90	276	24	700	3091	0	3.3	29.1		1	87	279	10	
850	1520	0	18.6	5.4	0	69	95	6	850	1318	0	-4	5.5		0	89	277	17	850	1492	0	12.6	25.5		1	66	296	5	
1010	* 13		29.8	5.2					997	* 29		7.0	5.9						1010	* 28		16.1	6.7						
AFRICA - EGYPT EL ARISH 62337 APR 2009 3105N 03349E OB									AFRICA - EGYPT HELWAN 62378 APR 2009 2952N 03120E OB 3									AFRICA - EGYPT SOUTH OF VALLEY UNIVERSITY 62403 APR 2009 2612N 03245E OB											
030	23806	0	-52.9	32.7	9	51	245	4	030	23796	0	-54.0	31.6		9	42	265	4	030	23804	0	-53.0	31.3		1	66	108	6	
050	20555	0	-60.5	29.5	9	72	256	5	050	22564	0	-61.5	28.7		9	3	225		050	20581	0	-62.8	30.0		1	47	100	6	
100	16333	0	-65.7	29.5	9	97	281	16	100	16360	0	-67.2	26.9		9	98	275	27	100	16479	0	-72.6	21.5		1	93	266	30	
150	13835	0	-59.8	31.2	9	97	272	32	150	13887	0	-61.3	27.7		9	97	275	40	150	14099	0	-63.7	28.2		1	97	268	52	
200	12022	0	-55.6	27.8	9	97	274	38	200	12078	0	-55.2	24.8		6	96	280	43	200	12254	0	-53.7	24.4		1	96	270	57	
300	9378	0	-42.0	28.7	4	96	269	32	300	9422	0	-40.9	22.5		2	98	275	34	300	9542	0	-37.0	21.6		0	97	270	47	
500	5724	0	-15.0	25.8	0	92	265	20	500	5750	0	-13.6	26.3		2	96	275	20	500	5825	0	-11.4	22.6		0	95	267	22	
700	3088	0	3.8	31.0	0	90	261	11	700	3101	0	5.1	27.2		2	90	280	12	700	3150	0	8.7	29.8		0	85	278	11	
850	1485	0	13.3	26.2	1	67	258	4	850	1489	0	15.0	29.1		2	71	300	5	850	1514	0	20.1	32.7		0	67	306	4	
1009	* 32		23.3	17.2					996	* 141		19.2	15.1						999	* 96		34.0	37.9						
AFRICA - EGYPT ASSWAN 62414 APR 2009 2358N 03247E OB 3									AFRICA - EGYPT FARAFRA 62423 APR 2009 2703N 02759E OB									AFRICA - SEYCHELLES SEYCHELLES INTER. AIRPORT (R) 63985 APR 2009 0441S 05531E OB 3											
030	23771	0	-54.2	30.1					030	23804	0	-53.4			3	47	112	3	030	23739	0	-58.5	30.2		4	82	263	6	
050	20563	0	-63.5	29.3					050	20575	0	-63.1	29.7		3	29	177	3	050	20588	0	-66.7	23.0		4	91	275	10	
100	16489	0	-75.7	18.4					100	16439	0	-71.4	27.7		2	91	268	29	100	16579	0	-81.7	7.6		2	22	25	2	
150	14100	0	-65.1	26.8					150	14006	0	-63.1	28.9		2	98	269	49	150	14224	0	-66.7	10.4		2	42	98	6	
200	12300	0	-53.6	23.2	2	94	270	51	200	12001	0	-54.0	26.5		2	96	270	53	200	12431	0	-53.1	11.0		2	58	110	7	
300	9581	0	-34.8	22.3	2	95	270	35	300	9508	0	-37.6	21.6		2	87	267	36	300	9689	0	-31.1	13.4		1	46	78	3	
500	5837	0	-9.9	22.7	2	95	270	18	500	5794	0	-11.7	29.2		2	94	268	22	500	5862	0	-4.7	13.4		2	47	122	3	
700	3148	0	10.0	27.9	2	84	285	9	700	3129	0	6.9	28.5		2	87	276	11	700	3142	0	10.0	5.8		0	43	253	2	
850	1503	0	21.8	37.8	1	66	350	4	850	1504	0	17.2	29.5		2	54	311	4	850	1499	0	18.7	5.0		0	70	245	4	
987	* 200		24.2	23.5					1002	* 78		29.9	34.0						1008	* 4		26.5	2.4						

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps		
AFRICA - SOUTH AFRICA PIETERSBURG 68174 APR 2009 2350S 02925E OB 2									AFRICA - SOUTH AFRICA PRETORIA (IRENE) 68263 APR 2009 2555S 02813E OB 3									AFRICA - SOUTH AFRICA UPINGTON 68424 APR 2009 2825S 02116E OB 3										
030	23480	3	-53.7		3		87	10	030	23897	13	-53.7			9		89	8	030	23884	18	-53.5			9		98	5
050	20641	1	-63.7		1		89	6	050	20673	10	-62.7			9		61	3	050	20666	17	-62.3			9		174	2
100	16540	1	-73.9		1		266	14	100	16541	9	-72.0			9		265	14	100	16516	15	-71.1			9		264	15
150	14127	1	-64.3		1		265	24	150	14111	8	-63.1			8		260	22	150	14083	14	-63.7			9		262	22
200	12327	1	-54.1	21.8	1		259	23	200	12309	8	-55.0	16.7		8		260	20	200	12293	14	-56.9	17.2		9		262	19
300	9631	1	-36.3	22.7	1		252	10	300	9622	8	-36.8	14.8		8		252	12	300	9619	14	-36.9	18.5		9		267	13
500	5875	0	-7.6	26.3	0		236	2	500	5871	8	-7.9	21.9		8		265	6	500	5872	14	-8.5	29.1		9		263	7
700	3184	0	6.8	15.3	0		142	4	700	3182	8	7.3	10.6		8		203	2	700	3186	14	7.8	13.5		9		292	5
850	1558	0	18.6	11.9	0		76	2	850	1559	10	14.3	7.1		9		60	2	850	1550	14	20.3	21.2		9		31	2
883	*1228		23.9	15.1					853	*1523		13.6	4.9									19.4	16.1					
AFRICA - SOUTH AFRICA BLOEMFONTEIN AIRPORT 68442 APR 2009 2906S 02618E OB 3									AFRICA - SOUTH AFRICA BETHLEHEM 68461 APR 2009 2815S 02820E OB									AFRICA - SOUTH AFRICA SPRINGBOK 68512 APR 2009 2940S 01754E OB										
030	23901	13	-53.2		9		98	5	030	23878	10	-53.2			9		65	5	030	23879	15	-53.8			9		102	4
050	20681	8	-61.6		8		181	1	050	20654	4	-62.1			4		107	3	050	20669	14	-62.7			9		138	3
100	16514	7	-70.1		7		266	14	100	16496	3	-71.0			3		258	15	100	16515	13	-70.2			9		262	11
150	14067	7	-63.1		7		257	23	150	14061	3	-63.2			3		262	22	150	14074	11	-64.0			9		262	22
200	12274	7	-56.8	12.8	7		253	22	200	12268	3	-56.6	16.6		3		257	19	200	12275	10	-56.5	13.9		9		261	19
300	9606	5	-37.3	15.5	5		254	14	300	9597	3	-37.6	18.9		3		260	13	300	9595	7	-37.3	13.1		9		269	18
500	5861	4	-9.5	20.1	4		276	8	500	5863	2	-9.4	26.0		2		268	7	500	5846	5	-9.7	20.1		7		279	12
700	3185	3	7.2	12.5	3		277	5	700	3186	1	6.1	8.5		1		244	4	700	3165	5	7.5	17.2		5		298	7
850	1554	3	17.0	13.5	3		37	3	837	*1690		20.7	13.4								18.7	16.6			328	3		
870	*1359		10.7	4.7																	19.4	12.0						
AFRICA - SOUTH AFRICA CAPE TOWN INTNL. AIRPORT 68816 APR 2009 3358S 01836E OB 3									AFRICA - SOUTH AFRICA PORT ELIZABETH 68842 APR 2009 3359S 02537E OB 3									AFRICA - SOUTH AFRICA GOUGH ISLAND 68906 APR 2009 4021S 00953W OB 3										
030	23884	20	-52.9		9		255	3	030	23875	17	-53.7			9		255	2	030	23894	5	-52.3			5	96	276	12
050	20650	17	-60.4		9		280	3	050	20656	10	-60.3			9		236	4	050	20629	4	-57.1			4	95	283	23
100	16422	12	-66.3		9		268	16	100	16437	6	-66.8			6		266	14	100	16306	3	-61.8			3	95	280	22
150	13943	11	-61.9		9		266	23	150	13973	4	-63.1			4		262	20	150	13788	3	-58.5			3	95	281	29
200	12148	11	-57.4	16.2	9		268	22	200	12184	4	-58.1	12.8		4		262	21	200	11986	3	-58.0	12.3		3	90	286	31
300	9491	11	-38.9	17.2	9		272	17	300	9524	3	-39.3	15.1		3		270	16	300	9347	3	-41.4	12.5		3	80	288	26
500	5784	11	-11.7	23.6	9		275	10	500	5818	3	-11.5	19.8		3		282	11	500	5684	3	-14.7	18.0		3	80	286	19
700	3127	11	4.5	24.0	9		292	6	700	3157	2	5.1	18.9		2		275	7	700	3055	2	1.0	21.9		2	77	286	14
850	1518	11	14.4	17.2	9		340	2	850	1544	2	14.8	17.0		2		314	4	850	1475	2	6.9	7.4		2	65	285	11
1011	* 46		16.2	3.2					1011	* 69		16.8	2.3								14.0	3.5						

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
AFRICA - SOUTH AFRICA MARION ISLAND 68994 APR 2009 4653S 03752E OB 3									N AMERICA - USA (ALASKA) BARROW/W. POST W. ROGERS 70026 APR 2009 7117N 15647W OB 3									N AMERICA - USA (ALASKA) KOTZEBUE, RALPH WIEN 70133 APR 2009 6653N 16236W OB 3								
030	23710	17	-55.2		9		261	19	030	23363	0	-57.4	16.0	0	95	260	14	030	23500	0	-55.8	23.1	1	91	260	15
050	20465	8	-57.5		8		268	19	050	20131	0	-56.5	15.9	0	92	251	12	050	20243	0	-54.1	23.7	1	90	249	14
100	16101	2	-58.6		2		265	24	100	15718	0	-54.9	15.6	0	91	245	12	100	15797	0	-53.3	23.9	1	84	242	12
150	13539	2	-56.2		2		260	28	150	13115	0	-53.0	14.2	1	85	245	11	150	13188	0	-52.2	23.6	0	80	240	11
200	11715	2	-56.6	16.7	2		254	32	200	11260	0	-53.0	12.1	0	80	246	12	200	11327	0	-52.5	20.9	0	76	239	12
300	9092	1	-45.0	12.6	1		250	32	300	8659	0	-54.2	8.6	0	71	248	14	300	8716	0	-53.0	10.8	0	60	238	13
500	5498	1	-20.5	14.0	1		257	25	500	5263	0	-35.4	7.6	0	67	237	10	500	5295	0	-33.5	8.5	0	58	220	9
700	2930	1	-4.9	14.5	1		259	19	700	2842	0	-20.1	6.9	0	68	233	7	700	2854	0	-17.8	9.0	0	57	212	6
850	1384	1	1.2	13.5	1		265	15	850	1385	0	-14.0	3.8	1	37	206	3	850	1381	0	-11.2	5.8	0	56	200	5
1005	* 22		4.7	3.0					1019	* 12		-17.7	1.7					1016	* 5		-9.2	2.2				
N AMERICA - USA (ALASKA) NOME, AK 70200 APR 2009 6430N 16526W OB 3									N AMERICA - USA (ALASKA) ANCHORAGE/INT., AK 70273 APR 2009 6109N 14950W OB 3									N AMERICA - USA (ALASKA) ST. PAUL 70308 APR 2009 5709N 17013W OB								
030	23537	0	-54.4	22.0	4	91	266	15	030	23627	0	-55.5	21.6	1	88	268	12	030	23594	0	-54.6	17.9	2	84	271	14
050	20265	0	-54.1	21.8	5	84	256	13	050	20366	0	-54.5	20.8	0	89	260	11	050	20323	0	-54.3	18.0	2	81	257	11
100	15811	0	-53.2	22.0	5	80	251	11	100	15924	0	-54.0	17.4	0	87	253	10	100	15876	0	-53.6	17.6	2	70	245	11
150	13196	0	-52.4	21.2	6	75	259	10	150	13317	0	-53.2	14.8	0	84	251	11	150	13267	0	-53.0	16.4	1	62	247	11
200	11329	0	-52.7	18.4	4	56	253	9	200	11471	0	-54.8	12.1	0	77	255	12	200	11414	0	-54.0	13.9	1	60	243	13
300	8723	0	-52.1	10.2	3	38	254	9	300	8871	0	-52.0	9.8	0	57	242	11	300	8815	0	-51.6	11.3	1	50	238	14
500	5287	0	-32.5	10.1	3	40	227	7	500	5406	0	-29.5	11.0	0	58	221	7	500	5344	0	-28.9	8.6	1	39	241	8
700	2841	0	-18.0	7.0	2	43	197	5	700	2926	0	-14.0	8.5	0	51	180	5	700	2861	0	-14.2	10.1	1	22	229	3
850	1368	0	-10.4	7.0	2	37	166	3	850	1427	0	-5.7	6.6	1	43	149	3	850	1367	0	-7.3	7.1	3	25	184	4
1014	* 6		-10.7	2.2					1010	* 50		.0	3.8					1011	* 13		-3.6	.9				
N AMERICA - USA (ALASKA) COLD BAY, AK 70316 APR 2009 5512N 16240W OB 3									N AMERICA - USA (ALASKA) YAKUTAT, AK 70361 APR 2009 5931N 13940W OB 3									N AMERICA - USA (ALASKA) ANNETTE ISLAND 70398 APR 2009 5502N 13134W OB								
030	23741	0	-52.7	22.8	2	83	279	11	030	23661	0	-57.1	21.3	5	80	279	9	030	23627	0	-59.0	16.4	5	87	294	7
050	20445	0	-52.6	22.5	2	81	267	9	050	20408	0	-55.4	22.0	4	80	263	9	050	20404	0	-56.8	17.1	7	80	275	8
100	15976	0	-53.2	21.6	4	55	273	9	100	15965	0	-53.8	21.7	1	75	265	9	100	16000	0	-55.0	16.2	6	68	270	10
150	13358	0	-52.4	20.1	6	68	244	15	150	13351	0	-53.3	19.5	0	75	267	10	150	13403	0	-54.0	14.4	8	60	273	10
200	11504	0	-53.9	15.4	6	66	259	18	200	11505	0	-54.2	15.5	0	63	275	11	200	11526	0	-55.7	12.7	8	60	279	12
300	8898	0	-50.1	7.3	3	48	251	19	300	8901	0	-51.4	8.1	0	51	265	10	300	8997	0	-50.4	9.5	5	49	266	13
500	5393	0	-26.7	12.6	1	34	213	9	500	5423	0	-28.5	8.1	0	39	257	5	500	5462	0	-26.2	11.8	1	41	250	9
700	2889	0	-11.7	11.6	2	30	226	6	700	2936	0	-13.2	6.6	1	17	199	2	700	2957	0	-12.2	10.9	1	34	234	4
850	1382	0	-5.4	7.3	1	35	177	5	850	1432	0	-4.6	5.9	0	22	156	2	850	1449	0	-4.1	6.8	1	46	170	5
1009	* 31		-9	1.3					1016	* 13		-7	.8					1014	* 36		4.1	3.3				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps		
N AMERICA - USA (ALASKA) SHEMYA AFB 70414 APR 2009 5243N 17400E OB 3									N AMERICA - USA KEY WEST/INT., FL. 72201 APR 2009 2433N 08145W OB									N AMERICA - USA SHREVEPORT/REG., LA. 72248 APR 2009 3227N 09350W OB 2										
030									030	23845	0	-53.3	10.1		1	90	74	7	030	23774	0	-55.2	23.8		1	23	75	1
050									050	20627	0	-63.6	8.4		0	54	16	2	050	20557	0	-61.1	15.6		1	48	288	3
100									100	16511	0	-70.5	7.6		0	97	275	22	100	16323	0	-64.7	13.2		0	94	267	22
150	13296	0	-51.8	16.6					150	14059	0	-62.5	8.6		0	97	271	34	150	13822	0	-60.4	13.9		1	96	266	32
200	11436	0	-52.7	15.7					200	12259	0	-55.9	9.2		0	94	275	34	200	12033	0	-59.5	12.8		1	94	270	36
300	8830	0	-51.4	8.5					300	9577	0	-37.2	12.6		0	94	277	24	300	9400	0	-42.0	19.8		0	90	267	30
500	5349	0	-28.0	13.3					500	5841	0	-10.1	17.2		0	88	283	11	500	5736	0	-14.4	26.8		0	83	268	18
700	2848	0	-11.6	22.5					700	3161	0	7.3	19.0		0	66	271	5	700	3099	0	3.0	17.4		0	68	267	10
850	1342	0	-5.9	9.1					850	1542	0	13.5	6.9		0	37	168	3	850	1496	0	12.6	21.3		1	57	235	8
1003	* 31		1.0	2.4					1016	* 6		23.4	5.1						1005	* 85		13.9	2.7					
N AMERICA - USA SAN DIEGO/MIRAMAR, NAS, CA. 72293 APR 2009 3251N 11707W OB									N AMERICA - USA NEWPORT, NC. 72305 APR 2009 3446N 07652W OB 2									N AMERICA - USA NASHVILLE/OLD HICKORY, TN. 72327 APR 2009 3614N 08633W OB 3										
030	23784	0	-54.9	11.6	1	82	271	4	030	23782	0	-55.5	24.7		3	52	16	3	030	23778	0	-55.5	26.4		1	19	331	1
050	20564	0	-60.8	10.5	0	84	259	4	050	20565	0	-60.3	17.4		3	60	301	4	050	20554	0	-59.9	19.2		1	65	245	4
100	16299	0	-62.5	10.0	0	95	269	19	100	16291	0	-62.4	14.3		2	89	272	18	100	16259	0	-61.1	16.3		1	95	267	18
150	13781	0	-59.9	10.0	1	95	269	27	150	13763	0	-59.2	14.8		2	89	274	26	150	13722	0	-58.7	17.3		1	95	269	25
200	11991	0	-59.5	9.5	0	91	272	28	200	11964	0	-59.0	14.2		2	83	274	30	200	11916	0	-57.4	16.5		1	91	270	31
300	9368	0	-42.9	12.2	1	83	281	22	300	9335	0	-43.2	20.0		2	77	271	24	300	9288	0	-44.0	20.1		2	85	271	24
500	5714	0	-14.8	18.4	1	76	279	13	500	5697	0	-16.6	21.6		2	77	261	17	500	5664	0	-17.3	25.7		1	78	265	16
700	3077	0	2.7	21.9	1	66	288	7	700	3088	0	2	23.4		2	69	261	10	700	3060	0	-1.0	21.0		1	74	263	12
850	1487	0	9.1	17.7	1	45	294	3	850	1506	0	8.7	14.6		2	60	255	6	850	1487	0	6.8	9.2		2	67	247	8
1000	* 128		11.4	4.9					1016	* 11		12.3	1.1						995	* 180		10.3	4.5					
N AMERICA - USA DODGE CITY/MUN., KS. 72451 APR 2009 3745N 09958W OB									N AMERICA - USA PITTSBURGH/GREATER PITTSBURG 72520 APR 2009 4030N 08013W OB									N AMERICA - USA BUFFALO/GREATER BUF. INT., NY 72528 APR 2009 4256N 07844W OB										
030	23792	0	-56.0	15.1	2	87	256	5	030	23834	0	-55.4	14.7		1	57	296	3	030	23779	0	-56.3	29.6		0	57	278	3
050	20558	0	-59.3	13.1	2	73	254	4	050	20590	0	-57.3	12.9		1	76	280	5	050	20540	0	-57.6	25.7		0	78	275	6
100	16235	0	-59.5	12.7	1	92	265	15	100	16223	0	-57.4	11.7		2	92	273	14	100	16164	0	-56.5	21.6		0	85	268	12
150	13684	0	-57.2	12.0	1	87	265	21	150	13648	0	-56.2	11.3		2	89	274	20	150	13584	0	-55.8	18.5		0	84	269	17
200	11870	0	-57.9	11.1	2	81	258	26	200	11822	0	-56.0	10.6		1	83	270	22	200	11760	0	-56.7	15.7		0	82	270	22
300	9257	0	-44.4	11.1	1	68	260	20	300	9196	0	-45.6	8.7		1	72	267	18	300	9151	0	-46.9	15.2		0	73	267	19
500	5644	0	-18.5	10.6	2	64	265	11	500	5600	0	-19.1	12.4		0	68	263	13	500	5567	0	-20.0	10.3		0	69	272	14
700	3040	0	.4	11.4	1	54	274	8	700	3016	0	-3.9	12.3		0	71	263	10	700	2994	0	-4.9	9.8		0	65	272	11
850	1455	0	8.1	10.5	1	24	215	4	850	1460	0	4.1	11.2		1	62	265	7	850	1446	0	2.1	1.4		0	39	263	6
922	* 790		6.4	6.1					972	* 373		7.0	5.6						988	* 220		5.3	4.6					

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
N AMERICA - USA NORTH PLATTE/LEE BIRD, NE. 72562 APR 2009 4107N 10040W OB 3									N AMERICA - USA MEDFORD/MEDFORD-JACKSON COUN 72597 APR 2009 4223N 12250W OB 3									N AMERICA - USA CHANHASSEN, MN. 72649 APR 2009 4451N 09333W OB 2								
030	23731	0	-57.4	22.5	3	88	259	8	030	23736	0	-57.4	16.8	1	71	282	5	030	23727	0	-57.5	22.8	3	83	253	7
050	20520	0	-59.6	18.4	1	83	258	5	050	20521	0	-59.0	15.6	0	82	271	5	050	20505	0	-57.8	18.7	2	91	260	7
100	16183	0	-58.5	15.1	1	87	271	13	100	16170	0	-58.2	15.0	0	88	280	11	100	16126	0	-56.3	15.8	1	86	270	12
150	13618	0	-56.8	13.1	0	86	266	19	150	13606	0	-57.2	14.6	0	86	280	16	150	13542	0	-55.1	14.4	1	86	271	16
200	11806	0	-58.3	10.9	0	69	262	19	200	11799	0	-58.8	13.8	0	80	286	22	200	11721	0	-57.8	12.2	1	82	266	23
300	9202	0	-46.6	12.9	0	58	262	15	300	9192	0	-45.9	15.8	0	69	289	19	300	9120	0	-47.4	11.9	1	73	271	18
500	5614	0	-19.3	12.5	0	48	266	9	500	5609	0	-20.7	16.3	0	62	292	12	500	5548	0	-21.2	12.4	1	71	286	13
700	3024	0	-2.3	7.7	0	39	286	5	700	3043	0	-5.3	19.0	0	60	290	6	700	2987	0	-6.1	13.8	1	64	303	8
850	1459	0	4.4	4.1	2	7	207	1	850	1497	0	2.5	7.3	0	20	296	1	850	1446	0	.6	9.2	1	36	317	4
916	* 849		3.6	3.5					973	* 398		5.6	3.9					981	* 290		3.5	5.0				
N AMERICA - USA INT.FALLS/FALLS INT. MN. 72747 APR 2009 4833N 09323W OB 3									N AMERICA - BERMUDA BERMUDA INTERNATIONAL AIRPOR 78016 APR 2009 3222N 06440W OB 3									N AMERICA - JAMAICA KINGSTON/NORMAN MANLEY 78397 APR 2009 1756N 07647W OB 3								
030	23717	0	-57.8	21.9	4	79	257	6	030	23814	1	-54.3		7	58	36	3	030	23845	4	-54.2		7	91	77	9
050	20488	0	-56.9	21.7	3	86	269	7	050	20589	1	-61.1		1	29	316	2	050	20650	4	-66.6		4	66	58	4
100	16085	0	-55.0	21.9	4	89	273	11	100	16351	2	-64.6		2	90	274	17	100	16601	4	-75.0		4	89	281	12
150	13482	0	-53.6	20.5	3	87	274	13	150	13849	1	-60.8		1	92	271	26	150	14183	3	-65.0		3	93	268	24
200	11639	0	-55.5	15.3	4	85	276	18	200	12067	1	-60.8		1	83	272	26	200	12382	2	-53.8		3	88	268	24
300	9033	0	-48.9	10.1	3	75	273	16	300	9438	1	-42.0		2	77	265	20	300	9661	3	-33.5		3	81	287	16
500	5494	0	-23.5	11.7	1	73	275	14	500	5775	1	-14.5		1	83	265	15	500	5867	1	-6.0		1	65	323	6
700	2958	0	-8.7	15.4	2	58	298	7	700	3142	1	2.4		1	69	263	9	700	3164	1	8.5		1	68	91	4
850	1438	0	-2.7	8.7	1	45	327	4	850	1549	1	9.5		1	50	261	5	850	1537	1	15.5		1	84	98	6
973	* 362		-1.3	3.6					1018	* 130		18.8	12.9					1015	* 14		25.9					
N AMERICA - NETHERLANDS ANTILLES & ARUBA JULIANA AIRPORT, 78866 APR 2009 1802N 06307W OB 2									N AMERICA - CURACAO AND BONAIRE HATO AIRPORT, CURACAO 78988 APR 2009 1212N 06858W OB 3									S AMERICA - BRAZIL BELEM (AEROPORTO) 82193 APR 2009 0123S 04829W OB 2								
030	23818	16	-53.5		9	97	89	7	030	23838	6	-53.6		6	92	86	6	030								
050	20614	14	-64.4		9	46	51	2	050	20621	4	-65.4		4	57	288	2	050	20626	0	-65.6	9.9	9	97	271	18
100	16581	14	-78.0		9	96	278	12	100	16603	3	-78.1		3	46	321	3	100	16599	0	-80.4	4.8	1	27	279	2
150	14182	14	-63.4		9	99	270	21	150	14225	3	-66.3		3	94	265	14	150	14242	0	-67.5	7.3	2	22	218	3
200	12388	14	-51.0		9	98	270	24	200	12429	3	-53.1		3	96	247	17	200	12456	0	-53.7	13.1	2	79	134	8
300	9668	14	-33.2	8.3	9	96	279	17	300	9688	1	-31.2	12.0	1	81	282	8	300	9713	0	-30.6	15.6	2	85	101	6
500	5876	14	-4.9	17.7	9	67	253	5	500	5866	0	-4.7	14.6	1	41	55	2	500	5884	0	-5.4	5.2	1	69	92	36
700	3170	14	9.6	.4	9	61	79	2	700	3152	0	8.5	10.9	0	43	113	2	700	3166	0	9.3	3.9	0	85	91	6
850	1556	14	13.9	4.3	9	83	100	6	850	1521	0	16.3	5.1	0	98	96	10	850	1527	0	17.4	2.3	0	83	81	5
1007	* 4		25.4	5.4					1006	* 54		26.6	3.0					1012	* 16		26.6	3.3				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps		
S AMERICA - BRAZIL MANAUS (AEROPORTO) 82332 APR 2009 0309S 05959W OB 2									S AMERICA - BRAZIL FERNANDO DE NORONHA 82400 APR 2009 0351S 03225W OB 2									S AMERICA - BRAZIL FLORIANO 82678 APR 2009 0646S 04301W OB 2										
030	23773	0	-58.1	22.6	9	96	270	11	030	20621	0	-65.9	14.8	0	97	266	15	030	20618	0	-66.0				8	57	277	4
050	20621	0	-75.8	5.7	0	7	262	1	050	16600	0	-80.5	1.0	2	6	99	1	050	16591	0	-80.2				4	17	21	2
100	16584	0	-68.4	14.2	0	22	133	3	100	14245	0	-67.8	14.8	1	19	270	2	100	14241	0	-68.5				3	38	175	5
150	14238	0	-53.7	19.2	0	76	122	8	150	12459	0	-53.7	19.2	0	62	78	4	150	12456	0	-53.8				3	37	118	4
200	12454	0	-30.6	24.3	0	87	108	7	200	9717	0	-30.6	11.8	0	94	85	8	200	9716	0	-30.9	10.5			3	73	95	6
300	9711	0	-5.8	5.8	0	70	98	4	300	5889	0	-5.4	6.3	0	92	96	6	300	5891	0	-4.9	8.1			2	86	78	6
500	5884	0	8.6	3.5	0	67	81	3	500	3168	0	9.5	9.0	0	90	94	5	500	3170	0	9.5	5.1			0	73	85	4
700	3170	0	17.6	2.5	0	75	50	5	700	1528	0	17.6	3.7	0	88	97	5	700	1531	0	17.6	2.9			0	81	100	5
850	1534	0	25.7	1.9					850	* 84		27.3	3.1					850	* 127		25.4	2.1						
1004	* 84								1006	* 56								1000										
S AMERICA - BRAZIL PORTO VELHO (AEROPORTO) 82824 APR 2009 0846S 06355W OB									S AMERICA - BRAZIL RECIFE 82900 APR 2009 0803S 03455W OB 2									S AMERICA - BRAZIL ALTA FLORESTA (AEROPORTO) 82965 APR 2009 0952S 05606W OB /										
030	23762	0	-57.1		9	73	107	6	030	23802	0	-57.2		9	50	87	4	030	23785	0	-57.3				6	81	87	7
050	20597	0	-66.2		2	36	279	3	050	20645	0	-66.3		6	33	249	2	050	20617	0	-64.3				1	15	127	1
100	16575	0	-19.9		1	29	142	3	100	16619	0	-80.1		4	13	40	1	100	16587	0	-78.7				1	29	140	2
150	14226	0	-68.6		1	12	57	2	150	14265	0	-68.0		3	25	192	3	150	14240	0	-68.8				2	25	83	3
200	12444	0	-53.7		0	39	66	4	200	12476	0	-53.3		2	12	110	1	200	12458	0	-54.0				2	17	77	2
300	9704	0	-30.9	8.3	0	55	76	3	300	9731	0	-30.4	15.8	2	67	69	4	300	9717	0	-30.8	8.7			2	42	57	3
500	5878	0	-5.8	6.7	0	63	91	3	500	5887	0	-4.7	12.9	2	90	89	5	500	5888	0	-5.4	4.8			3	33	95	2
700	3161	0	9.1	3.0	0	33	98	2	700	3134	0	10.4	7.3	2	75	87	3	700	3170	0	9.3	3.2			2	50	61	3
850	1522	0	17.9	2.7	0	31	56	2	850	1526	0	17.9	3.2	2	85	112	5	850	1529	0	18.2	3.9			2	60	83	4
1002	* 102		24.0	.8					1012	* 7		28.4	4.6					980	* 288		22.8	.7						
S AMERICA - BRAZIL PETROLINA 82983 APR 2009 0923S 04029W OB 2									S AMERICA - BRAZIL SALVADOR 83229 APR 2009 1301S 03831W OB 2									S AMERICA - BRAZIL BOM JESUS DA LAPA 83288 APR 2009 1316S 04325W OB 2										
030	23796	0	-56.9		9	75	91	6	030	23797	0	-54.9		7	96	84	12	030	23777	0	-56.7				9	96	100	11
050	20631	0	-66.8		9	10	94	1	050	20618	0	-66.2		3	58	107	4	050	20604	0	-66.7				9	64	109	5
100	16604	0	-79.2		6	11	64	1	100	16589	0	-79.1		4	28	287	3	100	16574	0	-79.5				8	17	234	2
150	14255	0	-68.8		6	22	190	3	150	14241	0	-68.7		4	46	246	6	150	14229	0	-68.5				8	31	220	4
200	12472	0	-53.6		6	5	259	1	200	12457	0	-53.7		4	46	250	7	200	12444	0	-54.0				8	48	263	6
300	9728	0	-30.6	13.4	6	40	51	3	300	9718	0	-31.2	15.0	2	47	271	5	300	9707	0	-31.0	12.4			8	37	270	4
500	5899	0	-5.1	13.7	6	80	79	4	500	5896	0	-5.3	15.9	1	30	5	2	500	5884	0	-5.5	15.9			7	30	7	2
700	3176	0	10.0	9.9	6	67	85	3	700	3174	0	9.6	8.8	1	67	116	3	700	3166	0	8.8	4.9			7	50	58	2
850	1534	0	17.7	3.1	7	82	108	5	850	1536	0	17.1	16.8	1	81	104	5	850	1529	0	18.3	4.5			7	68	64	3
972	* 370		25.3	3.8					1008	* 51		26.8	2.7					964	* 440		24.4	4.1						

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps				
S AMERICA - BRAZIL CUIABA (AEROPORTO) 83362 APR 2009 1539S 05606W OB									S AMERICA - BRAZIL BRASILIA (AEROPORTO) 83378 APR 2009 1552S 04756W OB 3									S AMERICA - BRAZIL CARAVELAS 83498 APR 2009 1744S 03915W OB 2												
030									030									030												
050	20609	0	-66.3		6	87	103	7	050	20639	0	-65.5				3	71	87	5	050	20628	0	-65.3				9	85	87	6
100	16581	0	-74.0		3	41	224	4	100	16596	0	-78.8				1	56	261	5	100	16571	0	-77.5				9	93	274	13
150	14222	0	-68.1		1	72	265	11	150	14234	0	-68.1				2	75	267	12	150	14199	0	-68.3				9	91	276	22
200	12438	0	-53.9		1	85	282	12	200	12448	0	-53.9				1	81	278	13	200	12418	0	-54.5				9	94	279	24
300	9699	0	-31.2	16.4	1	76	266	8	300	9711	0	-31.2	18.4			1	91	271	10	300	9688	0	-32.1	17.8			9	95	279	19
500	5881	0	-5.5	16.9	0	36	226	2	500	5893	0	-5.8	15.3			2	62	281	4	500	5885	0	-6.0	23.2			9	90	283	10
700	3164	0	8.7	7.6	0	38	133	2	700	3178	0	8.9	9.2			1	57	321	2	700	3176	0	8.3	6.5			9	69	251	5
850	1528	0	18.6	5.1	0	56	91	3	850	1542	0	17.5	4.1			2	65	79	4	850	1544	0	16.5	5.7			9	56	148	3
992	* 187		24.3	3.1					898	*1061		20.9	3.7							1015	* 3		26.7	3.1						
S AMERICA - BRAZIL CAMPO GRANDE (AEROPORTO) 83612 APR 2009 2028S 05440W OB 2									S AMERICA - BRAZIL TRINDADE (ILHA) 83650 APR 2009 2030S 02919W OB 2									S AMERICA - BRAZIL GALEAO 83746 APR 2009 2249S 04315W OB 2												
030									030	23815	0	-53.6				9	96	95	14	030										
050									050	20633	0	-65.1				6	74	75	7	050										
100	16598	0	-77.6						100	16562	0	-76.4				5	69	280	11	100										
150	14212	0	-66.9		9	98	270	25	150	14182	0	-67.5				5	95	276	22	150	14100	0	-65.1	11.1						
200	12423	0	-53.7		9	97	273	29	200	12399	0	-54.6				5	93	272	22	200	12317	0	-54.4	18.2			9	99	277	11
300	9690	0	-32.2	27.3	9	95	271	20	300	9674	0	-32.8	17.0			6	91	286	16	300	9608	0	-35.1	25.6			9	96	272	27
500	5897	0	-6.5	29.3	9	75	226	5	500	5874	0	-6.4	20.8			5	78	297	7	500	5852	0	-8.5	27.6			9	90	263	10
700	3190	0	8.5	15.2	9	44	195	2	700	3172	0	7.4	9.9			6	9	29	1	700	3161	0	6.8	15.4			9	56	270	3
850	1556	0	18.8	8.1	9	56	89	3	850	1548	0	15.2	5.1			6	65	48	5	850	1543	0	14.6	5.1			9	22	243	1
950	* 567		25.9	8.7					1017	* 5		27.8	4.6							1016	* 6		24.4	5.3						
S AMERICA - BRAZIL MARTE 83779 APR 2009 2330S 04638W OB									S AMERICA - BRAZIL FOZ DO IGUAQU (AEROPORTO) 83827 APR 2009 2531S 05435W OB									S AMERICA - BRAZIL CURITIBA (AEROPORTO) 83840 APR 2009 2531S 04910W OB 2												
030	23867	0	-53.7		8	92	92	11	030										030	23845	0	-52.7	24.4			9	95	89	10	
050	20649	0	-63.9		3	60	82	5	050										050	20619	0	-63.1	13.8			3	73	62	4	
100	16532	0	-73.8		1	97	261	18	100	16496	0	-73.1	7.8			5	95	255	19	100	16490	0	-72.3	9.6			3	94	261	18
150	14124	0	-65.1	11.1	0	98	267	29	150	14083	0	-64.7	11.6			3	98	264	30	150	14072	0	-64.8	12.8			3	97	267	30
200	12326	0	-53.9	18.7	0	97	271	31	200	12286	0	-54.6	15.3			2	97	264	29	200	12278	0	-54.6	17.6			2	95	267	29
300	9613	0	-35.1	24.2	0	87	269	20	300	9593	0	-36.4	23.5			2	92	257	19	300	9579	0	-36.4	28.1			2	90	264	19
500	5856	0	-8.5	23.5	1	78	252	7	500	5845	0	-8.8	24.7			1	63	235	6	500	5840	0	-9.0	28.4			2	63	238	5
700	3162	0	7.4	23.4	1	40	258	2	700	3155	0	7.3	17.5			1	42	240	3	700	3154	0	7.0	16.1			2	30	242	2
850	1539	0	14.7	3.5	1	23	80	2	850	1531	0	16.8	8.6			1	21	340	1	850	1536	0	13.7	4.1			2	28	73	2
935	* 722		20.5	4.7					988	* 180		17.6	2.7							915	* 908		16.5	16.0						

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
S AMERICA - BRAZIL PORTO ALEGRE (AEROPORTO) 83971 APR 2009 3000S 05111W OB 2									S AMERICA - CHILE ANTOFAGASTA 85442 APR 2009 2326S 07027W OB 2									S AMERICA - CHILE ISLA DE PASCUA 85469 APR 2009 2710S 10920W OB 1								
030									030									030								
050	20621	0	-59.9	16.0	9	56	263	3	050									050								
100	16426	0	-69.0	10.5	5	93	259	20	100	16559	0	-75.7	3.8	2	89	257	12	100	16453	0	-70.0		0	93	284	15
150	13976	0	-63.4	12.2	2	93	259	16	150	14156	0	-64.9	23.5	2	95	272	21	150	14018	0	-64.3	19.8	0	89	273	23
200	12190	0	-57.3	13.9	1	89	257	24	200	12355	0	-53.9	25.3	3	93	271	24	200	12232	0	-57.1	14.9	1	81	266	21
300	9526	0	-39.6	21.9	1	82	254	16	300	9639	0	-34.5	32.4	2	88	263	16	300	9557	0	-37.2	16.3	0	75	274	16
500	5819	0	-11.0	21.4	1	83	246	10	500	5864	0	-6.1	26.3	2	52	274	5	500	5822	0	-9.6	28.0	0	72	282	10
700	3150	0	6.0	19.4	0	50	242	4	700	3144	0	11.5	24.9	1	29	46	2	700	3145	0	5.1	19.1	0	55	282	5
850	1536	0	13.1	12.8	0	28	304	2	850	1500	0	17.9	21.0	1	79	44	3	850	1538	0	11.7	4.1	0	50	308	4
1018	* 3		19.1	18.4					1001	* 140		15.7	15.4					1012	* 69		23.2	5.5				
S AMERICA - CHILE SANTO DOMINGO 85586 APR 2009 3339S 07137W OB									S AMERICA - CHILE PUERTO MONTT 85799 APR 2009 4126S 07306W OB 2									S AMERICA - CHILE PUNTA ARENAS 85934 APR 2009 5300S 07051W OB 2								
030									030									030								
050									050									050								
100	16459	0	-68.6		4	94	259	16	100	16302	0	-63.5		1	91	261	22	100	15969	0	-56.1	30.8	2	96	259	25
150	13999	0	-63.1	21.9	2	92	260	22	150	13804	0	-62.1	22.9	1	94	260	27	150	13379	0	-53.7	30.1	1	94	258	28
200	12207	0	-57.2	16.4	1	81	259	20	200	12012	0	-58.6	15.0	1	89	261	30	200	11531	0	-54.0	24.7	0	93	255	33
300	9545	0	-38.7	17.4	0	65	260	13	300	9379	0	-41.8	12.1	1	89	262	29	300	8909	0	-48.3	11.8	0	82	252	31
500	5806	0	-10.4	23.0	0	67	268	7	500	5711	0	-13.9	20.5	1	90	260	23	500	5376	0	-24.8	12.9	0	85	256	20
700	3147	0	9.0	28.9	0	29	279	2	700	3079	0	1.0	19.4	1	86	258	13	700	2837	0	-8.2	12.1	0	86	254	15
850	1514	0	17.7	27.1	0	69	177	5	850	1498	0	7.5	8.9	1	55	254	5	850	1318	0	-9	4.8	0	79	271	14
1007	* 75		9.1	1.4					1007	* 90		9.2	.3					996	* 43		5.4	2.8				
S AMERICA - ARGENTINA SALTA AERO 87047 APR 2009 2451S 06529W OB /									S AMERICA - ARGENTINA RESISTENCIA AERO 87155 APR 2009 2727S 05903W OB 2									S AMERICA - ARGENTINA CORDOBA AERO 87344 APR 2009 3119S 06413W OB /								
030	23837	0	-53.3		4	91	80	8	030	23840	0	-53.8		2	87	80	6	030	23855	0	-52.5	31.5	6	24	21	1
050	20622	0	-64.6		2	83	110	6	050	20614	0	-62.9		2	38	75	2	050	20623	0	-57.3	28.7	5	26	200	2
100	16532	0	-75.2	11.7	0	93	255	15	100	16482	0	-72.4		1	90	250	17	100	16454	0	-70.3	22.1	2	95	252	19
150	14131	0	-65.4	18.4	0	95	265	25	150	14059	0	-59.8		1	95	260	27	150	14010	0	-63.5	21.3	1	93	258	22
200	12335	0	-54.2	24.5	0	95	265	25	200	12265	0	-55.3		1	91	260	27	200	12219	0	-56.8	17.2	1	84	253	18
300	9629	0	-35.4	27.0	0	90	265	16	300	9581	0	-37.7	16.7	1	79	250	15	300	9556	0	-39.0	17.6	1	55	244	10
500	5871	0	-7.3	20.3	0	64	260	5	500	5850	0	-9.0	19.7	1	79	245	8	500	5835	0	-9.9	19.6	1	82	256	8
700	3164	0	8.2	5.7	0	9	330	1	700	3164	0	7.0	14.3	1	56	240	4	700	3152	0	6.7	12.6	0	43	348	3
850	1536	0	14.9	8.5	0	24	90	1	850	1539	0	17.0	13.8	2	22	155	1	850	1532	0	15.3	14.6	0	38	348	3
882	*1238		14.9	.8					1010	* 53		18.2	17.7					962	* 484		15.9	5.0				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
S AMERICA - ARGENTINA EZEIZA AERO 87576 APR 2009 3449S 05832W OB 3									S AMERICA - ARGENTINA SANTA ROSA AERO 87623 APR 2009 3634S 06416W OB /									ANTARCTICA - AUSTRALIA (ANTARCTIC) DAVIS 89571 APR 2009 6835S 07758E OB 3									
030	23838	0	-52.5	31.5	2	85	290	8	030	23824	0	-53.2			6	88	270	7	030	22930	0	-62.4	27.3	0	98	278	23
050	20595	0	-60.7	25.3	0	78	250	8	050	20593	0	-60.5			2	85	241	7	050	19764	0	-60.5	27.5	0	98	278	19
100	16373	0	-63.0	29.4	0	94	245	21	100	16369	0	-66.7			2	93	258	21	100	15407	0	-56.6	29.2	0	97	278	15
150	13906	0	-63.2	21.6	0	93	250	28	150	13901	0	-63.7			2	93	254	25	150	12822	0	-54.2	29.1	0	98	279	13
200	12127	0	-59.1	14.9	0	80	240	29	200	12124	0	-59.3			1	78	257	24	200	10977	0	-54.4	24.5	0	87	281	11
300	9486	0	-37.5	17.9	0	72	240	22	300	9482	0	-42.5	12.0		1	86	253	21	300	8401	0	-55.9	6.9	0	61	278	10
500	5789	0	-12.1	19.0	0	90	240	16	500	5786	0	-11.6	19.0		0	90	256	15	500	5002	0	-34.7	7.8	0	40	289	5
700	3132	0	4.4	24.1	0	81	240	10	700	3125	0	5.4	20.6		0	79	262	8	700	2588	0	-22.0	10.5	0	13	44	1
850	1530	0	16.6	20.4	0	68	235	7	850	1515	0	13.5	13.1		1	54	261	5	850	1148	0	-17.9	7.3	0	75	49	8
1016	* 20		13.3	2.1					993	* 191		11.0	10.4						988	* 23		-14.6	5.5				
ANTARCTICA - AUSTRALIA (ANTARCTIC) CASEY 89611 APR 2009 6617S 11030E OB 3									ANTARCTICA - FRANCE (ANTARCTIC) DUMONT D'URVILLE 89642 APR 2009 6639S 14000E OB 1									ANTARCTICA - GERMANY (ANTARCTIC) NEUMAYER 89002 APR 2009 7040S 00815W OB 2									
030	23087	0	-59.5	30.5	1	95	280	24	030										030	22869	0	-63.2	27.8	6	98	262	22
050	19883	0	-57.9	30.8	1	95	278	20	050	19950	0	-56.5	32.2		1	98	285	21	050	19714	0	-60.8	28.7	6	97	259	16
100	15485	0	-54.8	31.3	1	93	272	18	100	15526	0	-53.1	33.0		0	97	284	19	100	15368	0	-56.3	29.7	4	92	257	12
150	12880	0	-52.5	31.5	1	90	272	15	150	12902	0	-51.5	32.5		0	95	280	19	150	12779	0	-53.4	30.6	4	82	250	10
200	11018	0	-51.9	29.4	1	83	274	14	200	11030	0	-50.8	30.5		0	89	275	18	200	10924	0	-52.6	29.7	4	73	247	9
300	8419	0	-54.8	10.2	1	69	279	13	300	8419	0	-54.6	10.4		0	84	271	16	300	8328	0	-56.1	10.9	4	39	223	7
500	5007	0	-33.8	11.1	1	65	273	7	500	5019	0	-34.9	9.1		0	81	269	11	500	4970	0	-37.8	7.5	4	27	217	4
700	2586	0	-21.0	9.8	1	28	224	2	700	2731	0	-20.6	10.1		0	56	259	5	700	2576	0	-23.1	7.7	3	27	57	3
850	1133	0	-14.7	3.5	1	52	37	3	850	1153	0	-19.9	12.8		0	84	114	8	850	1131	0	-16.0	4.4	1	61	50	7
981	* 42		-12.0	2.9					986	* 43		-15.2	7.3						982	* 50		-18.9	2.7				
ANTARCTICA - JAPAN (ANTARCTIC) SYOWA 89532 APR 2009 6900S 03935E OB 1									NTARCTICA - UNITED KINGDOM (ANTARCTIC) HALLEY 89022 APR 2009 7535S 02639W OB 2									NTARCTICA - UNITED KINGDOM (ANTARCTIC) ROTHERA 89062 APR 2009 6734S 06808W OB									
030	22845	0	-64.0	27.2	2	94	268	22	030	22705	0	-67.3	23.8		7	89	253	15	030	23063	0	-63.4	27.8	9	95	255	21
050	19714	0	-61.3	27.7	1	93	271	18	050	19501	0	-65.1	23.9		6	80	247	11	050	19915	0	-60.6	28.4	9	94	254	18
100	15370	0	-56.7	29.4	0	90	269	13	100	15228	0	-59.7	26.5		6	71	245	8	100	15556	0	-55.3	30.8	9	96	252	14
150	12783	0	-53.7	31.2	0	83	270	11	150	12674	0	-56.6	27.2		6	51	247	6	150	12958	0	-53.1	31.8	9	95	255	15
200	10930	0	-52.8	29.2	0	77	275	10	200	10841	0	-55.1	26.0		6	39	234	6	200	11105	0	-52.7	29.3	9	90	260	13
300	8344	0	-56.7	8.6	0	62	283	10	300	8269	0	-57.2	9.1		6	15	245	3	300	8513	0	-54.4	10.9	9	69	266	14
500	4981	0	-37.8	6.8	0	50	294	5	500	4916	0	-38.3	6.6		6	8	323	1	500	5087	0	-32.3	10.0	9	67	267	13
700	2592	0	-23.1	6.0	0	28	338	2	700	2534	0	-24.3	5.9		6	23	21	3	700	2637	0	-17.4	13.4	9	48	282	6
850	1148	0	-15.7	4.6	0	80	31	7	850	1104	0	-20.1	5.1		6	71	47	7	850	1164	0	-10.3	7.0	9	30	338	2
986	* 21		-12.6	4.1					983	* 35		-22.4	2.4						987	* 33		-5.2	6.1				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
SW PACIFIC - MALAYSIA (PENIN. MALAYSIA) PENANG/BAYAN LEPAS 48601 APR 2009 0518N 10010E OB 3									W PACIFIC - MALAYSIA (PENIN. MALAYSIA) KOTA BHARU 48615 APR 2009 0610N 10210E OB 3									W PACIFIC - MALAYSIA (PENIN. MALAYSIA) KUANTAN 48657 APR 2009 0347N 10310E OB 3								
030	23765	0	-57.9	30.0	4	86	270	9	030	23775	0	-57.6	29.6	3	70	277	6	030	23780	0	-58.2	26.4	2	89	274	10
050	20609	0	-66.1	23.5	4	89	265	9	050	20617	0	-66.7	22.2	3	86	270	8	050	20631	0	-66.6	20.5	0	89	268	11
100	16599	0	-81.9	6.9	1	78	84	10	100	16616	0	-81.9	7.1	0	79	82	10	100	16620	0	-81.9	7.7	0	66	75	8
150	14256	0	-67.3	7.1	0	80	80	12	150	14270	0	-67.3	7.2	0	74	79	10	150	14273	0	-67.2	8.1	0	73	76	11
200	12462	0	-52.4	7.4	0	82	92	11	200	12475	0	-52.2	8.6	0	83	95	10	200	12476	0	-52.3	10.1	0	85	89	12
300	9707	0	-29.7	7.8	0	80	104	7	300	9717	0	-29.6	10.4	0	86	104	8	300	9720	0	-29.5	10.8	0	89	98	8
500	5871	0	-4.7	5.6	0	26	104	2	500	5877	0	-4.7	5.6	0	38	107	2	500	5881	0	-4.5	5.9	0	39	92	2
700	3145	0	10.2	9.7	0	22	311	1	700	3151	0	10.3	5.1	0	15	320	1	700	3151	0	10.6	4.8	0	12	295	1
850	1499	0	19.2	4.5	0	32	288	2	850	1505	0	19.1	3.3	0	14	286	1	850	1502	0	19.8	3.9	0	19	267	1
1008	* 4		27.0	2.6					1009	* 5		26.7	2.9					1007	* 16		26.2	1.8				
SW PACIFIC - SINGAPORE SINGAPORE/CHANGI AIRPORT 48698 APR 2009 0122N 10350E OB 3									SW PACIFIC - USA (PACIFIC OCEAN NORTH) HILO/GEN. LYMAN, HAWAII, HAW 91285 APR 2009 1943N 15500W OB 2									SW PACIFIC - KIRIBATI TARAWA 91610 APR 2009 0121N 17250E OB 3								
030	23746	0	-58.7	30.6	0	85	273	10	030	23764	0	-55.4	13.7	2	93	86	7	030	23835	0	-54.8	23.5	4	49	269	4
050	20599	0	-66.7	22.8	0	95	271	13	050	20579	0	-64.9	10.1	1	36	173	2	050	20637	0	-63.5	15.7	3	67	261	6
100	16585	0	-81.9	7.8	0	49	79	6	100	16452	0	-72.0	8.6	2	93	271	18	100	16506	0	-73.5	13.9	0	91	262	14
150	14238	0	-67.3	8.4	0	68	70	10	150	14029	0	-65.5	9.6	0	92	277	34	150	14090	0	-64.4	10.1	0	84	244	22
200	12444	0	-52.7	8.3	0	87	88	11	200	12248	0	-56.3	11.2	0	91	273	36	200	12291	0	-54.3	6.6	0	80	243	27
300	9694	0	-30.2	9.4	0	91	96	7	300	9558	0	-36.8	12.8	0	88	267	21	300	9582	0	-34.9	20.5	0	77	248	20
500	5862	0	-5.0	7.0	0	11	52	1	500	5820	0	-10.1	18.8	0	84	270	10	500	5823	0	-8.9	25.7	0	65	243	8
700	3139	0	10.1	6.0	0	28	245	2	700	3143	0	5.7	16.1	0	49	262	3	700	3141	0	6.0	19.6	0	44	226	4
850	1495	0	18.9	4.2	0	41	240	2	850	1537	0	11.2	1.4	2	55	96	2	850	1529	0	13.1	5.8	0	48	97	4
1007	* 16		27.9	4.8					1017	* 11		18.6	1.9					1012	* 4		25.1	6.2				
SW PACIFIC - TUVALU FUNAFUTI 91643 APR 2009 0831S 17910E OB 3									SW PACIFIC - SAMOA AND AMERICAN SAMOA PAGO PAGO/INT.AIRP. 91765 APR 2009 1420S 17040W OB 2									W PACIFIC - FRENCH POLY. (MARQUESAS IS) ATUONA 91925 APR 2009 0949S 13902W OB 1								
030	23842	0	-55.2		4	20	38	1	030									030	23760	0	-57.1		6	67	89	4
050	20645	0	-63.2		2	31	253	2	050									050	20602	0	-67.2		1	42	282	3
100	16516	0	-73.7		0	74	250	10	100	16578	0	-80.0	5.4	0	37	207	4	100	16583	0	-78.9	6.5	1	62	281	7
150	14101	0	-64.7		0	70	233	19	150	14228	0	-68.3	6.2	0	69	205	11	150	14220	0	-67.3	7.2	0	88	300	15
200	12303	0	-54.2		0	72	238	23	200	12443	0	-53.7	8.3	0	74	205	11	200	12431	0	-53.7	8.3	0	77	313	10
300	9590	0	-34.5	18.3	0	66	241	16	300	9702	0	-30.9	12.3	0	59	205	6	300	9696	0	-31.7	22.9	0	65	307	6
500	5824	0	-8.8	20.0	0	48	236	6	500	5879	0	-5.3	9.1	0	22	341	2	500	5871	0	-4.8	24.5	0	58	68	4
700	3142	0	5.9	16.4	0	25	230	2	700	3157	0	9.5	9.2	0	44	1	3	700	3144	0	11.3	17.6	0	70	86	4
850	1528	0	13.4	4.7	0	36	79	3	850	1515	0	18.1	3.5	0	38	51	3	850	1502	0	17.3	3.5	0	86	94	6
1012	* 2		24.9	5.3					1011	* 6		28.4	3.5					1004	* 53		29.1	4.8				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
SW PACIFIC - FRENCH POLY. (SOCIETY IS) TAHITI-FAAA 91938 APR 2009 1733S 14937W OB 3									SW PACIFIC - FRENCH POLY. (TUAMOTU IS) TAKAROA 91943 APR 2009 1429S 14502W OB 1									SW PACIFIC - FRENCH POLY. (TUAMOTU IS) RIKITEA 91948 APR 2009 2308S 13458W OB 1									
030	23816	7	-54.8		7	95	88	11	030										030	23885	0	-53.1		3	95	88	11
050	20630	2	-65.8		2	69	87	6	050	20638	8	-66.5			8	64	95	4	050	20665	0	-63.5		2	58	73	4
100	16567	0	-75.7		0	40	260	4	100	16602	8	-76.7			8	53	267	5	100	16554	0	-74.5		1	77	260	10
150	14192	0	-68.0		0	38	240	5	150	14226	8	-67.5			8	68	273	7	150	14162	0	-67.5		0	64	247	12
200	12421	0	-55.0		0	26	253	4	200	12445	8	-54.3			8	14	255	2	200	12385	0	-55.1		0	53	241	10
300	9699	0	-32.9	24.2	0	10	16	1	300	9715	8	-32.1	21.4		8	6	270	1	300	9673	0	-33.5	20.0	0	50	241	7
500	5890	0	-4.7	26.3	0	29	50	2	500	5890	8	-3.9	23.9		9	38	91	3	500	5874	0	-6.3	16.0	0	44	246	4
700	3166	0	10.3	12.5	0	45	83	3	700	3159	8	10.9	11.7		8	82	94	5	700	3166	0	8.8	16.7	0	15	52	1
850	1526	0	18.0	5.1	0	73	63	4	850	1517	8	18.2	4.5		8	93	88	7	850	1538	0	15.4	5.1	0	54	61	4
1012	* 2		31.3	7.9					1011	* 3		30.1	6.0						1006	* 91		26.6	5.8				
SW PACIFIC - FRENCH POLY. (AUSTRAL IS) TUBUAI 91954 APR 2009 2321S 14929W OB									SW PACIFIC - FRENCH POLY. (AUSTRAL IS) RAPA 91958 APR 2009 2737S 14420W OB 1									SW PACIFIC - NEW ZEALAND WHENUAPAI 93112 APR 2009 3647S 17430E OB 1									
030	23840	0	-54.2		4	95	90	9	030	23912	0	-52.4			8	92	84	6	030	23858	0	-56.0	32.0				
050	20638	0	-64.9		1	64	81	5	050	20677	0	-62.4			3	30	28	2	050	20641	0	-60.2	30.9	1	36	251	2
100	16544	0	-75.5		0	77	274	9	100	16528	0	-72.7			2	84	264	13	100	16369	0	-63.7	29.3	0	85	270	12
150	14173	0	-68.1		0	67	255	13	150	14135	0	-67.3			2	80	261	21	150	13864	0	-60.0	28.0	0	86	268	21
200	12399	0	-55.6		0	63	262	11	200	12361	0	-55.9			2	77	262	21	200	12050	0	-56.6	18.6	0	83	263	24
300	9684	0	-32.9	15.6	0	67	289	9	300	9648	0	-33.5	13.4		2	82	272	16	300	9407	0	-41.6	14.1	0	67	266	15
500	5878	0	-5.7	17.5	0	59	299	5	500	5857	0	-7.1	14.5		1	84	278	11	500	5746	0	-15.2	23.1	0	47	275	6
700	3164	0	9.2	10.7	0	42	337	3	700	3158	0	7.7	11.8		1	64	294	5	700	3121	0	.7	24.4	0	26	329	2
850	1529	0	16.9	4.5	0	42	18	3	850	1533	0	14.9	3.7		0	27	341	2	850	1542	0	6.1	5.4	0	34	25	3
1013	* 3		28.1	27.8					1015	* 2		25.7	4.6						1019	* 30		17.7	17.5				
SW PACIFIC - NEW ZEALAND PARAPARAUMU AERODROME 93417 APR 2009 4054S 17450E OB 1									SW PACIFIC - NEW ZEALAND INVERCARGILL AERODROME 93844 APR 2009 4625S 16810E OB 1									SW PACIFIC - NEW ZEALAND CHATHAM ISLAND 93986 APR 2009 4357S 17630W OB 1									
030	23853	0	-55.6	30.4	7	28	258	1	030										030	23854	0	-55.4	31.8	6	50	275	3
050	20628	0	-59.0	29.4	5	54	261	4	050										050	20620	0	-57.8	31.1	3	71	259	5
100	16310	0	-60.3	28.3	2	83	267	12	100	16228	0	-57.5	30.5	5	85	289	15	100	16278	0	-59.7	28.3	3	81	269	12	
150	13778	0	-58.6	25.9	1	81	268	16	150	13657	0	-56.7	28.3	1	78	287	20	150	13731	0	-57.4	27.6	3	83	265	16	
200	11967	0	-57.2	16.2	0	80	267	18	200	11840	0	-57.6	16.4	1	74	292	19	200	11915	0	-58.3	15.7	3	70	262	14	
300	9339	0	-43.7	12.5	0	68	281	12	300	9226	0	-45.5	12.9	0	71	296	18	300	9301	0	-45.0	15.2	3	50	260	9	
500	5712	0	-16.9	20.2	0	58	293	7	500	5630	0	-19.4	16.3	0	73	291	13	500	5695	0	-17.3	22.8	0	53	262	8	
700	3103	0	-.6	22.2	0	57	308	6	700	3046	0	-3.2	13.8	1	76	290	12	700	3093	0	-1.1	26.0	0	52	267	6	
850	1531	0	5.5	10.1	0	49	307	5	850	1488	0	4.2	7.9	1	78	299	9	850	1524	0	4.5	14.7	0	57	278	7	
1022	* 12		15.4	5.3					1018	* 4		12.1	3.6					1017	* 48		13.5	3.7					

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
SW PACIFIC - NEW ZEALAND RAOUL ISLAND, KERMADEC IS. 93997 APR 2009 2915S 17750W OB 1									SW PACIFIC - AUSTRALIA DARWIN AIRPORT 94120 APR 2009 1225S 13050E OB /									SW PACIFIC - AUSTRALIA GOVE AIRPORT 94150 APR 2009 1217S 13640E OB /								
030	23885	0	-53.5	32.6	6	52	79	3	030	23773	0	-56.9	31.5	2	96	85	10	030	23767	0	-56.5	31.9	0	94	91	10
050	20663	0	-61.8	27.1	4	18	109	1	050	20597	0	-64.8	26.7	1	43	91	2	050	20596	0	-65.7	28.2	0	41	102	2
100	16473	0	-69.6		0	89	264	15	100	16596	0	-82.3	8.4	1	42	261	3	100	16589	0	-82.5	8.9	0	54	268	5
150	14022	0	-62.6		0	90	260	30	150	14258	0	-67.7	10.3	1	71	271	6	150	14251	0	-67.7	11.2	0	74	287	7
200	12214	0	-54.0	23.3	0	87	260	35	200	12466	0	-52.8	12.4	1	49	286	5	200	12461	0	-52.9	15.2	0	66	293	7
300	9516	0	-36.8	23.7	0	84	257	28	300	9715	0	-29.9	21.6	1	51	205	4	300	9710	0	-30.1	20.7	0	39	244	3
500	5793	0	-11.3	28.9	0	73	253	11	500	5877	0	-4.3	21.9	1	10	135	1	500	5873	0	-4.3	20.0	0	10	271	1
700	3135	0	3.6	26.1	0	40	220	4	700	3154	0	9.5	14.0	1	80	109	4	700	3147	0	9.8	12.7	0	90	105	5
850	1540	0	9.8	6.4	0	46	129	4	850	1518	0	18.6	7.7	4	98	116	9	850	1509	0	17.8	6.3	0	99	104	9
1014	* 49		21.6	21.1					1008	* 35		28.4	6.0					1004	* 54		29.0	5.7				
SW PACIFIC - AUSTRALIA WEIPA AERO 94170 APR 2009 1241S 14150E OB									SW PACIFIC - AUSTRALIA BROOME AIRPORT 94203 APR 2009 1757S 12210E OB /									SW PACIFIC - AUSTRALIA TOWNSVILLE AERO 94294 APR 2009 1915S 14640E OB /								
030	23796	0	-56.5	31.4	5	96	93	10	030	23792	0	-54.5	32.4	0	99	85	12	030	23812	0	-54.3	32.5	3	96	83	12
050	20618	0	-64.7	27.9	5	58	88	3	050	20593	0	-65.0	27.7	0	73	93	4	050	20617	0	-64.9	28.5	3	88	83	7
100	16606	0	-82.4	9.0	4	60	270	5	100	16567	0	-80.3	9.4	0	90	259	12	100	16569	0	-79.4	11.0	0	94	282	16
150	14265	0	-67.5	11.9	4	84	288	10	150	14221	0	-67.7	10.8	0	96	272	22	150	14208	0	-67.1	12.4	0	97	277	27
200	12473	0	-52.7	14.2	4	75	292	9	200	12429	0	-52.9	15.6	0	94	263	22	200	12415	0	-53.0	16.6	0	93	280	27
300	9721	0	-29.9	20.2	4	68	261	6	300	9687	0	-31.5	19.0	0	93	263	15	300	9678	0	-32.0	20.9	0	91	276	21
500	5884	0	-4.2	20.6	4	21	276	1	500	5867	0	-5.0	25.8	0	80	250	7	500	5870	0	-5.5	25.8	0	85	272	9
700	3157	0	10.5	15.0	3	59	105	3	700	3165	0	7.2	7.0	0	54	71	3	700	3158	0	8.7	16.6	0	21	173	1
850	1515	0	18.4	18.2	3	91	115	8	850	1528	0	20.6	13.3	1	41	70	2	850	1530	0	15.9	5.7	0	88	101	6
1009	* 19		28.0	5.4					1010	* 17		27.5	9.0					1014	* 9		27.4	27.4				
SW PACIFIC - AUSTRALIA LEARMONTH AIRPORT 94302 APR 2009 2214S 11400E OB /									SW PACIFIC - AUSTRALIA PORT HEDLAND AIRPORT 94312 APR 2009 2022S 11830E OB /									SW PACIFIC - AUSTRALIA ALICE SPRINGS AIRPORT 94326 APR 2009 2348S 13350E OB /								
030	23810	0	-54.3	32.5	0	98	87	12	030	23799	0	-54.4	32.4	3	96	87	13	030	23819	0	-53.9	32.2	1	98	86	11
050	20601	0	-63.6	29.2	0	74	107	5	050	20593	0	-64.4	29.2	3	84	94	5	050	20609	0	-63.2	28.8	1	81	98	5
100	16529	0	-77.0	13.7	0	94	260	19	100	16546	0	-78.9	11.4	1	91	263	16	100	16485	0	-74.7	17.0	1	96	266	21
150	14157	0	-66.9	13.8	0	96	272	30	150	14188	0	-67.4	12.6	1	96	269	26	150	14090	0	-65.4	18.5	1	98	268	37
200	12364	0	-53.7	14.9	0	96	268	34	200	12395	0	-53.0	16.8	0	95	264	28	200	12291	0	-53.7	19.5	1	97	265	38
300	9637	0	-32.9	18.2	0	94	265	25	300	9659	0	-32.1	16.1	0	93	263	22	300	9580	0	-35.1	16.7	1	96	264	30
500	5845	0	-7.6	19.0	0	89	271	11	500	5855	0	-6.7	18.9	0	82	263	10	500	5831	0	-10.1	21.6	1	97	254	10
700	3155	0	7.4	19.1	0	32	326	3	700	3161	0	7.0	9.7	0	39	7	3	700	3162	0	5.5	19.3	1	68	208	5
850	1528	0	17.7	13.9	0	9	88	1	850	1528	0	19.5	19.1	0	52	46	3	850	1546	0	14.3	13.5	1	72	125	5
1013	* 6		21.7	6.8					1011	* 10		25.3	12.6					956	* 547		20.2	17.7				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
SW PACIFIC - AUSTRALIA MOUNT ISA AERO 94332 APR 2009 2041S 13920E OB /									SW PACIFIC - AUSTRALIA ROCKHAMPTON AERO 94374 APR 2009 2323S 15020E OB									SW PACIFIC - AUSTRALIA GERALDTON AIRPORT 94403 APR 2009 2848S 11440E OB /									
030	23816	0	-54.3	31.1	5	96	89	12	030	23837	0	-53.9	32.2	0	97	80	11	030	23841	0	-52.9	32.5	1	79	84	6	
050	20613	0	-63.9	28.0	0	86	92	6	050	20631	0	-63.7	28.2	0	91	88	6	050	20612	0	-61.7	28.7	1	32	204	2	
100	16538	0	-77.7	12.3	0	95	273	19	100	16521	0	-74.6	16.0	0	93	279	19	100	16434	0	-69.8	21.6	1	95	262	19	
150	14167	0	-66.7	13.5	0	97	272	31	150	14127	0	-65.6	16.7	0	95	281	36	150	13990	0	-63.3	21.5	1	96	265	35	
200	12374	0	-53.4	16.6	0	94	269	32	200	12330	0	-53.4	19.1	0	79	276	34	200	12191	0	-55.1	19.9	1	96	265	40	
300	9645	0	-33.0	20.6	0	95	268	25	300	9605	0	-33.5	18.7	0	91	280	29	300	9506	0	-38.2	20.7	1	92	267	25	
500	5855	0	-7.0	24.3	0	83	264	9	500	5833	0	-8.4	24.0	0	86	279	11	500	5803	0	-12.6	25.2	2	65	272	5	
700	3157	0	7.3	15.9	0	61	194	3	700	3147	0	6.5	17.7	0	39	245	2	700	3148	0	4.5	18.4	1	37	303	2	
850	1531	0	17.2	12.5	0	71	107	5	850	1531	0	14.3	6.7	0	55	124	3	850	1535	0	15.6	16.4	2	48	84	3	
976	* 342		25.2	15.3					1015	* 14		24.6	6.7						1013	* 37		17.4	7.8				
SW PACIFIC - AUSTRALIA MEEKATHARRA AIRPORT 94430 APR 2009 2637S 11830E OB 2									SW PACIFIC - AUSTRALIA GILES METEOROLOGICAL OFFICE 94461 APR 2009 2502S 12810E OB /									SW PACIFIC - AUSTRALIA CHARLEVILLE AERO 94510 APR 2009 2625S 14610E OB /									
030	23835	0	-52.8	32.9	0	93	80	8	030	23840	0	-53.6	32.0	2	94	83	10	030	23850	0	-53.4	32.7	1	96	78	9	
050	20608	0	-61.7	30.2	0	50	144	3	050	20623	0	-62.4	28.5	2	75	96	4	050	20631	0	-62.3	30.0	1	67	61	4	
100	16462	0	-72.0	20.5	0	95	259	21	100	16490	0	-73.9	17.9	1	98	269	22	100	16463	0	-70.9	22.9	1	93	276	20	
150	14043	0	-64.7	19.7	0	97	266	40	150	14079	0	-64.6	19.1	1	98	265	37	150	14026	0	-63.4	23.3	1	97	274	38	
200	12246	0	-54.4	18.1	0	97	262	45	200	12276	0	-53.2	20.5	1	98	263	41	200	12220	0	-53.9	22.8	1	94	279	39	
300	9546	0	-36.7	17.3	0	96	265	28	300	9571	0	-36.0	14.1	0	96	264	28	300	9526	0	-37.4	19.7	1	89	272	26	
500	5819	0	-11.3	22.0	0	70	269	7	500	5832	0	-10.8	16.2	0	89	251	10	500	5806	0	-11.3	26.8	1	78	266	10	
700	3155	0	5.6	16.9	0	53	286	4	700	3165	0	6.2	18.2	0	59	275	4	700	3143	0	4.8	23.5	1	55	230	4	
850	1537	0	16.2	14.6	0	49	55	3	850	1544	0	16.4	14.8	0	39	47	3	850	1536	0	13.0	8.7	1	27	139	2	
957	* 522		18.8	12.3					949	* 599		20.6	14.4						982	* 306		22.1	11.8				
SW PACIFIC - AUSTRALIA BRISBANE AERO 94578 APR 2009 2723S 15300E OB /									SW PACIFIC - AUSTRALIA PERTH AIRPORT 94610 APR 2009 3156S 11550E OB /									SW PACIFIC - AUSTRALIA KALGOORLIE-BOULDER AIRPORT 94637 APR 2009 3047S 12120E OB /									
030									030	23843	0	-53.3	32.3	1	37	97	2	030	23856	0	-53.4	32.0	3	42	81	3	
050	20639	0	-62.4	29.9	9	70	74	4	050	20611	0	-61.0	29.3	1	50	236	3	050	20617	0	-60.4	29.3	3	56	236	3	
100	16462	0	-70.1	23.7	6	96	286	21	100	16384	0	-67.0	24.7	1	93	261	17	100	16398	0	-67.4	25.1	0	96	261	18	
150	14019	0	-63.0	22.7	4	95	283	38	150	13918	0	-61.4	24.2	0	96	263	25	150	13926	0	-61.6	24.5	0	96	264	29	
200	12218	0	-53.5	22.5	3	93	289	41	200	12113	0	-56.3	19.1	0	93	263	24	200	12121	0	-56.0	19.6	0	96	265	32	
300	9520	0	-37.3	22.7	3	89	285	26	300	9461	0	-41.2	17.8	0	77	258	12	300	9465	0	-40.7	18.7	0	87	265	20	
500	5801	0	-11.3	19.1	0	80	287	10	500	5790	0	-14.0	21.8	0	64	246	6	500	5791	0	-13.7	26.1	0	79	257	8	
700	3136	0	4.5	17.4	0	34	253	3	700	3147	0	3.6	20.6	1	30	240	2	700	3146	0	3.4	20.7	0	41	226	3	
850	1532	0	12.1	5.8	0	38	137	3	850	1544	0	13.1	12.9	1	16	61	1	850	1546	0	11.8	10.4	0	23	110	2	
1016	* 10		23.5	7.2					1018	* 20		15.6	7.1						978	* 370		14.2	4.9				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps
SW PACIFIC - AUSTRALIA ESPERANCE 94638 APR 2009 3350S 12150E OB /									SW PACIFIC - AUSTRALIA EUCLA 94647 APR 2009 3141S 12850E OB									SW PACIFIC - AUSTRALIA WOOMERA AERODROME 94659 APR 2009 3109S 13640E OB /								
030	23844	0	-53.6	32.3					030	23859	0	-53.3	32.8	1	35	52	2	030	23862	0	-53.9	32.5	0	73	61	4
050	20604	0	-60.2	30.2					050	20620	0	-59.9	30.9	0	29	251	2	050	20624	0	-60.1	30.7	0	21	353	1
100	16346	0	-64.9	26.4					100	16378	0	-66.2	27.5	0	93	265	18	100	16376	0	-66.3	28.3	0	95	273	18
150	13853	0	-60.7	25.8					150	13896	0	-61.1	27.2	0	95	264	27	150	13891	0	-60.6	27.8	0	95	266	27
200	12052	0	-57.3	18.1					200	12092	0	-56.6	19.6	0	95	262	27	200	12083	0	-56.2	21.1	0	96	261	27
300	9418	0	-42.8	16.1					300	9446	0	-41.6	17.3	0	88	261	18	300	9437	0	-41.8	17.4	0	94	261	18
500	5767	0	-15.0	23.9					500	5782	0	-14.3	23.1	0	81	260	10	500	5773	0	-14.1	24.1	0	81	259	10
700	3137	0	1.7	20.4					700	3144	0	2.9	21.5	0	59	238	5	700	3135	0	2.5	19.2	0	65	244	6
850	1546	0	9.8	9.2					850	1547	0	10.2	11.4	0	28	206	2	850	1542	0	10.9	13.5	0	43	235	3
1019	* 27		14.4	3.2					1009	* 102		16.7	4.8					1000	* 168		18.0	11.2				
SW PACIFIC - AUSTRALIA ADELAIDE AIRPORT 94672 APR 2009 3457S 13830E OB /									SW PACIFIC - AUSTRALIA COBAR MO 94711 APR 2009 3129S 14550E OB /									SW PACIFIC - AUSTRALIA WILLIAMTOWN RAAF 94776 APR 2009 3248S 15150E OB /								
030	23874	0	-53.4	32.7	3	42	313	2	030	23860	0	-54.3	29.7	6	60	63	3	030	23867	0	-53.9	32.0	4	48	69	2
050	20626	0	-58.3	31.3	3	75	291	4	050	20631	0	-60.0	28.2	3	35	353	2	050	20640	0	-60.0	30.2	2	18	6	1
100	16321	0	-62.6	29.5	2	92	276	16	100	16378	0	-65.5	25.5	0	94	277	18	100	16369	0	-64.4	28.0	0	92	282	16
150	13803	0	-58.9	29.2	2	95	269	23	150	13887	0	-60.0	25.8	0	97	279	28	150	13872	0	-59.8	27.6	0	94	282	26
200	11995	0	-57.8	17.8	1	90	262	21	200	12074	0	-55.9	19.8	0	89	279	25	200	12057	0	-56.1	19.5	0	90	291	28
300	9370	0	-43.3	13.9	0	80	259	15	300	9430	0	-41.9	16.4	0	74	269	16	300	9410	0	-42.0	14.9	0	79	289	17
500	5731	0	-15.8	21.6	0	73	257	10	500	5764	0	-14.1	22.8	0	63	259	9	500	5747	0	-14.4	24.1	0	66	276	9
700	3109	0	1.1	22.7	0	71	258	7	700	3127	0	2.0	20.0	0	53	255	5	700	3113	0	1.8	18.1	0	41	248	4
850	1527	0	7.9	10.1	0	56	259	5	850	1536	0	10.4	10.3	0	28	250	2	850	1526	0	9.3	5.9	0	27	243	3
1020	* 8		18.1	9.4					989	* 264		18.0	8.9					1017	* 10		19.6	5.5				
SW PACIFIC - INDONESIA MENADO/ SAM RATULANGI 97014 APR 2009 0132N 12450E OB /									W PACIFIC - MALAYSIA (SABAH AND SARAWAK KUCHING) 96413 APR 2009 0129N 11020E OB 3									W PACIFIC - MALAYSIA (SABAH AND SARAWAK BINTULU) 96441 APR 2009 0312N 11300E OB 3								
030	23806	0	-57.5	29.5	9	40	265	4	030	23762	0	-58.7	29.2	1	93	272	11	030	23768	0	-58.7	28.7	9	81	270	8
050	20632	0	-65.0	24.0	9	97	279	11	050	20612	0	-66.5	22.8	1	94	271	12	050	20614	0	-66.2	23.3	4	94	269	11
100	16602	0	-81.2	8.6	9	27	84	3	100	16604	0	-81.5	7.8	0	39	76	4	100	16602	0	-81.7	7.6	0	48	90	6
150	14256	0	-74.3	10.0	9	78	87	9	150	14256	0	-67.2	7.7	0	74	75	12	150	14255	0	-67.3	7.4	0	83	81	12
200	12462	0	-52.9	7.8	9	84	92	9	200	12462	0	-52.7	7.2	0	93	87	13	200	12462	0	-52.6	7.2	0	93	90	13
300	9712	0	-30.1	5.3	9	92	96	8	300	9709	0	-29.9	5.2	0	90	97	8	300	9707	0	-29.7	7.6	0	89	103	9
500	5881	0	-5.1	3.5	9	36	107	3	500	5872	0	-4.9	4.5	0	12	58	1	500	5869	0	-4.8	6.3	0	32	69	2
700	3156	0	6.4	2.8	9	18	302	2	700	3148	0	10.2	4.1	0	32	280	2	700	3144	0	10.1	9.6	0	24	274	2
850	1513	0	18.3	1.8	9	27	302	1	850	1502	0	19.1	3.6	0	43	249	2	850	1499	0	18.9	3.3	0	35	273	2
1002	* 80		25.9	1.6					1007	* 27		25.4	1.7					1006	* 5		26.4	26.0				

UPPER AIR

APRIL 2009

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		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
SW PACIFIC - MALAYSIA (SABAH AND SARAWAK KOTA KINABALU 96471 APR 2009 0556N 11600E OB 3									W PACIFIC - MALAYSIA (SABAH AND SARAWAK TAWAU 96481 APR 2009 0416N 11750E OB 3																		
030	23792	0	-57.7	29.4	1	53	280	4	030	23757	0	-58.6	28.4	9	90	276	9										
050	20631	0	-65.8	23.2	0	85	270	8	050	20599	0	-66.4	22.6	8	88	272	10										
100	16618	0	-81.6	7.4	0	66	79	7	100	16590	0	-82.7	7.1	8	81	90	8										
150	14272	0	-67.1	8.5	0	78	81	10	150	14252	0	-67.6	7.7	8	76	76	8										
200	12476	0	-52.1	9.3	0	81	89	10	200	12459	0	-52.4	8.3	8	82	88	8										
300	9716	0	-29.3	8.7	0	88	94	7	300	9701	0	-29.3	9.6	8	94	97	8										
500	5874	0	-4.6	6.7	0	55	97	4	500	5859	0	-4.8	5.5	8	66	92	5										
700	3147	0	10.3	6.0	0	4	308	1	700	3134	0	10.1	4.9	8	50	93	4										
850	1504	0	18.6	3.9	0	27	228	2	850	1489	0	18.7	3.6	8	38	62	3										
1009	* 3		27.4	3.9					1006	* 20		25.7	2.4														

UPPER AIR LATE REPORTS

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND					
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps

STATION LIST RECENT DATA

10501	C	AACHEN	GERMANY	10291	C	ANGERMUENDE	GERMANY
06030	C	AALBORG	DENMARK AND FAROE I	17130	CT	ANKARA/CENTRAL	TURKEY
47409	C	ABASHIRI	JAPAN	60360	C	ANNABA	ALGERIA
07005	C	ABBEVILLE	FRANCE	17300	C	ANTALYA	TURKEY
03502	C	ABERPORTH	U KINGDOM	47575	C	AOMORI	JAPAN
41112	C	ABHA	SAUDI ARABIA	98232	C	APARRI	PHILIPPINES
65578	T	ABIDJAN	COTE D'IVOIRE	35746	C	ARALSKOE MORE	KAZAKHSTAN
41217	CT	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	71592	C	ARCTIC BAY CS, NU	CANADA
76805	C	ACAPULCO, GRO.	MEXICO	84752	C	AREQUIPA	PERU
17351	C	ADANA/BOLGE	TURKEY	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
63450	C	ADDIS ABABA-BOLE	ETHIOPIA	85406	C	ARICA	CHILE
94672	CT	ADELAIDE AIRPORT	AUSTRALIA	10091	C	ARKONA	GERMANY
60620	C	ADRAR	ALGERIA	62772	C	AROMA	SUDAN
76644	C	AEROP.INTERNACIONAL MERIDA,	MEXICO	76840	C	ARRIAGA, CHIS.	MEXICO
17190	C	AFYON	TURKEY	10460	C	ARTERN	GERMANY
61024	C	AGADEZ	NIGER	44288	C	ARVAIHEER	MONGOLIA
42647	CT	AHMADABAD	INDIA	60452	C	ARZEW	ALGERIA
37663	C	AHTY	RUSSIAN FEDERATION	47407	C	ASAHIKAWA	JAPAN
33998	C	AI-PETRI	UKRAINE	38880	C	ASHGABAT KESHI	TURKMENISTAN
60415	C	AIN-BESSAM	ALGERIA	33915	C	ASKANIYA-NOVA	UKRAINE
61499	C	AION EL ATROUSS	MAURITANIA	62414	CT	ASSWAN	EGYPT
07761	CT	AJACCIO	FRANCE	35188	C	ASTANA	KAZAKHSTAN
38178	C	AK-BAJTAL	UZBEKISTAN	86218	C	ASUNCION/AEROPUERTO	PARAGUAY
47582	CT	AKITA	JAPAN	65376	C	ATAKPAME	TOGO
42933	C	AKOLA	INDIA	35078	C	ATBASAR	KAZAKHSTAN
72521	C	AKRON/AKRON-CANTON REG. OH.	USA	16716	C	ATHINAI (AIRPORT)	GREECE
35229	C	AKTOBE	KAZAKHSTAN	72219	C	ATLANTA/MUN., GA.	USA
04063	C	AKUREYRI	ICELAND	91925	CT	ATUONA	FRENCH POLY.
40420	C	AL-AHSA	SAUDI ARABIA	35700	C	ATYRAU	KAZAKHSTAN
08280	C	ALBACETE/LOS LLANOS	SPAIN	10852	C	AUGSBURG	GERMANY
03917	C	ALDERGROVE	U KINGDOM	38334	C	AUL TURARA RYSKULOVA	KAZAKHSTAN
32061	C	ALEKSANDROVSK-SAHALINSKIJ	RUSSIAN FEDERATION	72254	C	AUSTIN/CTY, TX.	USA
60369	C	ALGER-PORT	ALGERIA	31168	CT	AYAN	RUSSIAN FEDERATION
08359	C	ALICANTE	SPAIN	87641	C	AZUL AERO	ARGENTINA
42475	C	ALLAHABAD/BAMHRAULI	INDIA	82460	C	BACABAL	BRAZIL
08487	C	ALMERIA/AEROPUERTO	SPAIN	10430	C	BAD LIPPSPRINGE	GERMANY
82965	T	ALTA FLORESTA (AEROPORTO)	BRAZIL	30554	CT	BAGDARIN	RUSSIAN FEDERATION
26346	C	ALUKSNE	LATVIA	41150	C	BAHRAIN (INT. AIRPORT)	BAHRAIN
94568	C	AMBERLEY AMO	AUSTRALIA	44265	C	BAITAG	MONGOLIA
23022	CT	AMDERMA	RUSSIAN FEDERATION	23891	C	BAJKIT	RUSSIAN FEDERATION
42071	C	AMRITSAR	INDIA	29328	C	BAKCHAR	RUSSIAN FEDERATION
25563	C	ANADYR'	RUSSIAN FEDERATION	07299	C	BALE-MULHOUSE	FRANCE
70273	CT	ANCHORAGE/INT., AK	USA	61291	CT	BAMAKO/SENOU	MALI
91568	C	ANEITYUM	VANUATU	71122	C	BANFF CS, ALTA	CANADA

STATION LIST RECENT DATA

08181	C	BARCELONA/AEROPUERTO	SPAIN	15420	C	BUCURESTI BANEASA	ROMANIA
07790	C	BASTIA	FRANCE	12843	CT	BUDAPEST/PESTSZENTLORINC	HUNGARY
37484	C	BATUMI	GEORGIA	72528	CT	BUFFALO/GREATER BUF. INT.,NY	USA
44275	C	BAYANBULAG	MONGOLIA	25594	C	BUHTA PROVIDENJA	RUSSIAN FEDERATION
60571	C	BECHAR	ALGERIA	44239	C	BULGAN	MONGOLIA
54511	CT	BEIJING	CHINA	08075	C	BURGOS/VILLAFRIA	SPAIN
60401	C	BEJAIA-PORT	ALGERIA	47159	C	BUSAN	REP KOREA
43198	C	BELGAUM/SAMBRE	INDIA	15350	C	BUZAU	ROMANIA
40180	C	BEN-GURION INT. AIRPORT	ISRAEL	48914	C	CA MAU	VIET NAM
13274	C	BEOGRAD	SERBIA AND MONTENEG	95916	C	CABRAMURRA SMHEA	AUSTRALIA
01317	C	BERGEN/FLORIDA	NORWAY	08261	C	CACERES	SPAIN
40179	CT	BET DAGAN	ISRAEL	07027	C	CAEN	FRANCE
42971	C	BHUBANESHWAR	INDIA	94287	C	CAIRNS AERO	AUSTRALIA
12295	C	BIALYSTOK	POLAND	42807	C	CALCUTTA/ALIPORE	INDIA
71844	C	BIG TROUT LAKE READAC, ONT	CANADA	71288	C	CAMBRIDGE BAY GSN, NU	CANADA
29939	C	BIJSK ZONAL'NAYA	RUSSIAN FEDERATION	17112	C	CANAKKALE	TURKEY
42165	C	BIKANER	INDIA	48808	C	CAO BANG	VIET NAM
08025	C	BILBAO/SONDICA	SPAIN	07661	C	CAP CEPET	FRANCE
72515	C	BINGHAMTON/BROOME CO., NY.	USA	15292	C	CARANSEBES	ROMANIA
61075	C	BIRNI-N'KONNI	NIGER	08286	C	CASTELLON	SPAIN
28138	C	BISER	RUSSIAN FEDERATION	16459	C	CATANIA SIGONELLA	ITALY
64510	C	BITAM	GABON	94653	C	CEDUNA AMO	AUSTRALIA
14652	C	BJELASNICA	BOSNIA AND HERZEGOV	89056	C	CENTRO MET. ANTARTICO PDTE.	CHILE
01028	C	BJORNOYA	NORWAY	16148	C	CERVIA	ITALY
28766	C	BLAGOVESHCHENKA	KAZAKHSTAN	38511	C	CHAGYL	TURKMENISTAN
68442	CT	BLOEMFONTEIN AIRPORT	SOUTH AFRICA	10577	C	CHEMNITZ	GERMANY
74492	C	BLUE HILL OBS. MA.	USA	41768	C	CHHOR	PAKISTAN
82024	C	BOA VISTA	BRAZIL	30758	CT	CHITA	RUSSIAN FEDERATION
65510	C	BOBO-DIOULASSO	BURKINA FASO	60425	C	CHLEF	ALGERIA
01152	C	BODO VI	NORWAY	21946	C	CHOKURDAH	RUSSIAN FEDERATION
31439	C	BOGORODSKOE	RUSSIAN FEDERATION	93780	C	CHRISTCHURCH	N ZEALAND
65338	C	BOHICON	BENIN	47101	C	CHUNCHEON	REP KOREA
72681	C	BOISE/MUN., ID.	USA	96805	C	CILACAP	INDONESIA
10161	C	BOLTENHAGEN	GERMANY	72421	C	CINCINNATI/GREATER CINCINNAT	USA
31253	C	BOMNAK	RUSSIAN FEDERATION	08348	C	CIUDAD REAL	SPAIN
07510	CT	BORDEAUX MERIGNAC	FRANCE	72360	C	CLAYTON/MUN., NM.	USA
64605	C	BOSSEMBELE	CENTRAL AFRICAN REP	07460	C	CLERMONT-FERRAND	FRANCE
60405	C	BOUCHEGOUF	ALGERIA	15120	CT	CLUJ-NAPOCA	ROMANIA
08575	C	BRAGANCA	PORTUGAL	71358	C	CLYDE RIVER CLIMATE, NU	CANADA
07110	C	BREST	FRANCE	82425	C	COARI	BRAZIL
16061	C	BRIC DELLA CROCE	ITALY	94711	CT	COBAR MO	AUSTRALIA
11723	C	BRNO/TURANY	CZECH REP	96996	C	COCOS ISLAND AERO	ISLANDS
10453	C	BROCKEN	GERMANY	94791	C	COFFS HARBOUR MO	AUSTRALIA
96315	CT	BRUNEI AIRPORT	BRUNEI DARUSSALAM	08548	C	COIMBRA/CERNACHE	PORTUGAL

STATION LIST RECENT DATA

43466	C	COLOMBO	SRI LANKA	42314	C	DIBRUGARH /MOHANBARI	INDIA
76848	C	COMITAN, CHIS.	MEXICO	61085	C	DIFFA	NIGER
82861	C	CONCEICAO DO ARAGUAIA	BRAZIL	07280	C	DIJON	FRANCE
71915	C	CORAL HARBOUR A,	CANADA	89054	C	DINAMET-URUGUAY	URUGUAY
10496	C	COTTBUS	GERMANY	61666	C	DIORBEL	SENEGAL
85864	C	COYHAIQUE	CHILE	63471	C	DIREDAWA	ETHIOPIA
16480	C	COZZO SPADARO	ITALY	17280	CT	DIYARBAKIR	TURKEY
15450	C	CRAIOVA	ROMANIA	60670	C	DJANET	ALGERIA
82704	C	CRUZEIRO DO SUL	BRAZIL	60535	C	DJELFA	ALGERIA
80097	C	CUCUTA/CAMILO DAZA	COLOMBIA	34504	C	DNIPROPETROVS'K	UKRAINE
08231	C	CUENCA	SPAIN	16033	C	DOBBIACO	ITALY
83362	T	CUIABA (AEROPORTO)	BRAZIL	63862	C	DODOMA	U REP TANZANIA
28704	C	CULPANOVO	RUSSIAN FEDERATION	41170	C	DOHA INTERNATIONAL AIRPORT	QATAR
80420	C	CUMANA	VENEZUELA	87648	C	DOLORES AERO	ARGENTINA
85629	C	CURICO	CHILE	34519	C	DONETS'K	UKRAINE
10131	C	CUXHAVEN	GERMANY	65501	C	DORI	BURKINA FASO
84686	C	CUZCO	PERU	52836	C	DOULAN	CHINA
43150	T	CWC VISHAKHAPATNAM/WALTAIR	INDIA	10488	C	DRESDEN-KLOTZSCHE	GERMANY
48855	C	DA NANG	VIET NAM	41515	C	DROSH	PAKISTAN
47133	C	DAEJEON	REP KOREA	03969	C	DUBLIN AIRPORT	IRELAND
98325	C	DAGUPAN	PHILIPPINES	23074	C	DUDINKA	RUSSIAN FEDERATION
62467	C	DAHAB	EGYPT	10400	C	DUESSELDORF	GERMANY
61641	CT	DAKAR/YOFF	SENEGAL	72745	C	DULUTH/INT., MN.	USA
31873	C	DAL'NERECHENSK	RUSSIAN FEDERATION	89642	CT	DUMONT D'URVILLE	FRANCE
40080	C	DAMASCUS INT. AIRPORT	SYRIAN ARAB REP	76423	C	DURANGO, DGO.	MEXICO
04320	C	DANMARKSHAVN	GREENLAND	38836	C	DUSHANBE	TAJIKISTAN
38545	C	DARGANATA	TURKMENISTAN	42731	C	DWARKA	INDIA
44256	C	DASHBALBAR	MONGOLIA	03091	C	DYCE	U KINGDOM
26544	C	DAUGAVPILS	LATVIA	21908	C	DZALINDA	RUSSIAN FEDERATION
89571	CT	DAVIS	AUSTRALIA	30089	C	DZHIKIMDA	RUSSIAN FEDERATION
71966	C	DAWSON, YT	CANADA	68858	C	EAST LONDON	SOUTH AFRICA
72429	C	DAYTON/. COX, OH.	USA	94983	C	EDDYSTONE POINT	AUSTRALIA
06235	C	DE KOOY	NETHERLANDS	17050	C	EDIRNE	TURKEY
12882	C	DEBRECEN	HUNGARY	71590	C	EDMUNDSTON, NB	CANADA
16546	C	DECIMOMANNU	ITALY	06280	C	EELDE/GRONINGEN AP EELDE	NETHERLANDS
65505	C	DEDOUGOU	BURKINA FASO	25378	C	EGVEKINOT	RUSSIAN FEDERATION
40045	C	DEIR EZZOR	SYRIAN ARAB REP	40199	C	EILAT	ISRAEL
60387	C	DELLYS	ALGERIA	31707	C	EKATERINO-NIKOL'SKOE	RUSSIAN FEDERATION
95869	C	DENILQUIN AIRPORT AWS	AUSTRALIA	38388	C	EKEZHE	TURKMENISTAN
37470	C	DERBENT	RUSSIAN FEDERATION	31329	C	EKIMCHAN	RUSSIAN FEDERATION
72546	C	DES MOINES/MUN., IA.	USA	62337	C	EL ARISH	EGYPT
72537	C	DETROIT/METROPOLITAN, MI.	USA	60367	C	EL-KALA	ALGERIA
40416	C	DHAHRAN	SAUDI ARABIA	27648	C	ELAT'MA	RUSSIAN FEDERATION
42404	C	DHUBRI	INDIA	12160	C	ELBLAG	POLAND

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62453	C	ELHASANA	EGYPT	83827	T	FOZ DO IGUACU (AEROPORTO)	BRAZIL
72486	C	ELY/YELLAND, NV.	USA	10637	C	FRANKFURT/M-FLUGHAFEN	GERMANY
07591	C	EMBRUN	FRANCE	10815	C	FREUDENSTADT	GERMANY
10200	C	EMDEN-FLUGPLATZ	GERMANY	16179	C	FRONTONE	ITALY
29572	T	EMEL'JANOVO	RUSSIAN FEDERATION	10895	C	FUERSTENZELL	GERMANY
76256	C	EMPALME, SON.	MEXICO	47807	CT	FUKUOKA	JAPAN
62781	C	EN NAHUD	SUDAN	08522	CT	FUNCHAL	MADEIRA
25356	C	EN' MUVEEM	RUSSIAN FEDERATION	60765	C	GABES	TUNISIA
86297	C	ENCARNACION	PARAGUAY	60745	C	GAFSA	TUNISIA
29263	C	ENISEJSK	RUSSIAN FEDERATION	15310	C	GALATI	ROMANIA
71923	C	ENNADAI LAKE (AUT), NU	CANADA	37735	C	GANDJA	AZERBAIJAN
38656	C	ERBENT	TURKMENISTAN	65522	C	GAOUA	BURKINA FASO
44237	C	ERDENEMANDAL	MONGOLIA	40405	C	GASSIM	SAUDI ARABIA
53068	C	ERENHOT	CHINA	61099	C	GAYA	NIGER
10554	C	ERFURT-BINDERSLEBEN	GERMANY	26157	C	GDOV	RUSSIAN FEDERATION
34186	C	ERSHOV	RUSSIAN FEDERATION	62752	C	GEDAREF	SUDAN
17092	C	ERZINCAN	TURKEY	06700	C	GENEVE-COINTRIN	SWITZERLAND & LIECH
38750	C	ESENGYLY	TURKMENISTAN	68828	C	GEORGE AIRPORT	SOUTH AFRICA
40800	C	ESFAHAN	IRAN, ISLAMIC REP	10567	C	GERA-LEUMNITZ	GERMANY
35067	C	ESIL'	KAZAKHSTAN	60517	C	GHAZAOUET	ALGERIA
03162	C	ESKDALEMUIR	U KINGDOM	40296	C	GHOR SAFI	JORDAN
94638	CT	ESPERANCE	AUSTRALIA	08495	C	GIBRALTAR	GIBRALTAR
87803	C	ESQUEL AERO	ARGENTINA	34740	C	GIGANT	RUSSIAN FEDERATION
10410	CT	ESSEN-BREDENEY	GERMANY	94461	CT	GILES METEOROLOGICAL OFFICE	AUSTRALIA
71862	C	ESTEVAN A, SASK	CANADA	17034	C	GIRESUN	TURKEY
94647	CT	EUCLA	AUSTRALIA	93292	C	GISBORNE AERODROME AWS	N ZEALAND
71917	C	EUREKA, NU	CANADA	41140	C	GIZAN	SAUDI ARABIA
72432	C	EVANSVILLE/REG., IN.	USA	71363	C	GJOA HAVEN CLIMATE, NU	CANADA
37747	C	EVLAKH AIRPORT	AZERBAIJAN	94380	C	GLADSTONE RADAR	AUSTRALIA
08558	C	EVORA/C. COORD	PORTUGAL	83264	C	GLEBA CELESTE	BRAZIL
87576	CT	EZEIZA AERO	ARGENTINA	20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION
65507	C	FADA N'GOURMA	BURKINA FASO	43192	CT	GOA/PANJIM	INDIA
70261	C	FAIRBANKS/INT., AK	USA	10444	C	GOETTINGEN	GERMANY
62423	CT	FARAFRA	EGYPT	83423	C	GOIANIA	BRAZIL
10908	C	FELDBERG/SCHWARZWALD	GERMANY	33041	C	GOMEL	BELARUS
38618	C	FERGANA	UZBEKISTAN	63331	C	GONDAR	ETHIOPIA
11155	C	FEUERKOGEL	AUSTRIA	71816	C	GOOSE A, NFLD	CANADA
10578	C	FICHTELBERG	GERMANY	71733	CT	GORE BAY A, ONT	CANADA
72637	C	FLINT/BISHOP, MI.	USA	68906	CT	GOUGH ISLAND	SOUTH AFRICA
08501	C	FLORES (ACORES)	PORTUGAL	94150	CT	GOVE AIRPORT	AUSTRALIA
01238	C	FOKSTUA II	NORWAY	06717	C	GRAND ST. BERNARD	SWITZERLAND & LIECH
82212	C	FONTE BOA	BRAZIL	71570	C	GREAT FALLS CLIMATE, MAN	CANADA
71585	C	FORT MCMURRAY CS, ALTA	CANADA	26825	C	GRODNO	BELARUS
89065	C	FOSSIL BLUFF	U KINGDOM	88903	C	GRYTVIKEN,	ISLANDS

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87497	C	GUALEGUAYCHU AERO	ARGENTINA	03862	C	HURN	U KINGDOM
60403	C	GUELMA	ALGERIA	44232	C	HUTAG	MONGOLIA
80423	C	GUIRIA	VENEZUELA	43128	C	HYDERABAD AIRPORT	INDIA
02128	C	GUNNARN	SWEDEN	47016	C	HYESAN	DPR KOREA
40360	C	GURIAT	SAUDI ARABIA	15090	C	IASI	ROMANIA
78894	C	GUSTAVIA,	GUADELOUPE	80214	C	IBAGUE/PERALES	COLOMBIA
42410	C	GUWAHATI	INDIA	08373	C	IBIZA/ES CODOLA	SPAIN
38763	C	GYZYLARBAT	TURKMENISTAN	23274	C	IGARKA	RUSSIAN FEDERATION
40250	C	H-4 'IRWAISHED'	JORDAN	87097	C	IGUAZU AERO	ARGENTINA
48820	C	HA NOI	VIET NAM	25248	C	ILIRNEJ	RUSSIAN FEDERATION
31736	T	HABAROVSK	RUSSIAN FEDERATION	60640	C	ILLIZI	ALGERIA
47678	CT	HACHIJOJIMA	JAPAN	98637	C	ILOILO	PHILIPPINES
47069	C	HAEJU	DPR KOREA	31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION
40377	C	HAFR AL-BATIN	SAUDI ARABIA	20667	C	IM. M.V. POPOVA	RUSSIAN FEDERATION
40394	CT	HAIL	SAUDI ARABIA	60630	C	IN-SALAH	ALGERIA
17285	C	HAKKARI	TURKEY	42754	C	INDORE	INDIA
71320	C	HALL BEACH CLIMATE, NU	CANADA	67323	C	INHAMBANE	MOZAMBIQUE
10147	C	HAMBURG-FUHLBUETTEL	GERMANY	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
10338	C	HANNOVER	GERMANY	72747	CT	INT.FALLS/FALLS INT. MN.	USA
02196	C	HAPARANDA	SWEDEN	71907	C	INUKJUAQ A, QUE	CANADA
71350	C	HARRINGTON CDA CS, PEI	CANADA	93844	CT	INVERCARGILL AERODROME	N ZEALAND
60563	C	HASSIR'MEL	ALGERIA	80370	C	IPIALES/SAN LUIS	COLOMBIA
20891	CT	HATANGA	RUSSIAN FEDERATION	71321	C	IQALUIT CLIMATE, NU	CANADA
71361	C	HAY RIVER CLIMATE, NWT	CANADA	84377	C	IQUITOS	PERU
02974	C	HELSINKI-VANTAA	FINLAND	83836	C	IRATI	BRAZIL
16754	CT	HERAKLION (AIRPORT)	GREECE	30710	C	IRKUTSK	RUSSIAN FEDERATION
60001	C	HIERRO/AEROPUERTO	SPAIN	29807	C	IRTYSHSK	KAZAKHSTAN
71066	C	HIGH LEVEL A, ALTA	CANADA	28573	C	ISHIM	RUSSIAN FEDERATION
91753	C	HIHIFO (ILE WALLIS)	DETACHED ISLANDS	85469	CT	ISLA DE PASCUA	CHILE
30844	C	HILOK	RUSSIAN FEDERATION	17240	CT	ISPARTA	TURKEY
98755	C	HINATUAN	PHILIPPINES	17062	CT	ISTANBUL/GOZTEPE	TURKEY
94975	C	HOBART AIRPORT	AUSTRALIA	82336	C	ITACOATIARA	BRAZIL
10685	C	HOF	GERMANY	04339	C	ITTOQQORTOORMIT (SCORESBYSU	GREENLAND
10962	C	HOHENPEISSENBERG	GERMANY	10142	C	ITZEHOE	GERMANY
93615	C	HOKITIKA AERODROME AWS	N ZEALAND	33526	C	IVANO-FRANKIVS'K	UKRAINE
71029	C	HOLMAN CS, NWT	CANADA	23921	CT	IVDEL'	RUSSIAN FEDERATION
61240	C	HOMBORI	MALI	83704	C	IVINHEMA	BRAZIL
91182	C	HONOLULU, OAHU, HAWAII	USA	60010	C	IZANA	SPAIN
51828	C	HOTAN	CHINA	34415	C	IZIUM	UKRAINE
72243	C	HOUSTON/INTERCONTINENTAL, TX	USA	17220	CT	IZMIR/GUZELYALI	TURKEY
44218	C	HOVD	MONGOLIA	84088	C	IZOBAMBA	ECUADOR
08383	C	HUELVA	SPAIN	47800	CT	IZUHARA	JAPAN
44285	C	HUJIRT	MONGOLIA	72206	C	JACKSONVILLE/INTNL.,	USA
72425	C	HUNTINGTON, WV.	USA	08417	C	JAEN	SPAIN

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43041	C	JAGDALPUR	INDIA	61699	C	KEDOUGOU	SENEGAL
96745	C	JAKARTA/OBSERVATORY	INDONESIA	04018	CT	KEFLAVIKURFLUGVOLLUR	ICELAND
76687	C	JALAPA, VER.	MEXICO	22522	T	KEM'	RUSSIAN FEDERATION
01001	C	JAN MAYEN	NORWAY	60120	C	KENITRA	MOROCCO
97690	C	JAYAPURA/SENTANI	INDONESIA	16641	C	KERKYRA (AIRPORT)	GREECE
41024	CT	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA	02805	C	KEVO	FINLAND
47184	C	JEJU	REP KOREA	72201	C	KEY WEST/INT., FL	USA
60725	C	JENDOUBA	TUNISIA	41114	C	KHAMIS MUSHAIT	SAUDI ARABIA
08451	C	JEREZ DE LA FRONTERA AEROPUE	SPAIN	33902	C	KHERSON	UKRAINE
41598	C	JHELUM	PAKISTAN	33429	C	KHMEL'NYTS'KYI	UKRAINE
60351	C	JIJEL-ACHOUAT	ALGERIA	38599	C	KHUDJANT	TAJKISTAN
63402	C	JIMMA	ETHIOPIA	33345	C	KIEV	UKRAINE
52533	C	JIUQUAN	CHINA	61498	C	KIFFA	MAURITANIA
41756	C	JIWANI	PAKISTAN	64387	C	KIGALI	RWANDA
42339	CT	JODHPUR	INDIA	02801	C	KILPISJARVI	FINLAND
02929	C	JOENSUU	FINLAND	47025	C	KIMCHAEK	DPR KOREA
02963	CT	JOKIOINEN	FINLAND	40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA
02550	C	JONKOPING/AXAMO	SWEDEN	28009	C	KIRS	RUSSIAN FEDERATION
78762	C	JUAN SANTAMARIA INT. AIRPORT	COSTA RICA	24606	C	KISLOKAN	RUSSIAN FEDERATION
21931	C	JUBILEJNAJA	RUSSIAN FEDERATION	30925	C	KJAHTA	RUSSIAN FEDERATION
87046	C	JUJUY AERO	ARGENTINA	21921	C	KJUSJUR	RUSSIAN FEDERATION
78866	CT	JULIANA AIRPORT,	NETHERLANDS ANTILLE	11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA
87548	C	JUNIN AERO	ARGENTINA	32389	C	KLJUCHI	RUSSIAN FEDERATION
32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION	72326	C	KNOXVILLE/MUN., TN.	USA
02935	CT	JYVASKYLA	FINLAND	11487	C	KOCELOVICE	CZECH REP
40417	C	K.F.I.A. (KING FAHAD INT. AI	SAUDI ARABIA	06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK AND FAROE I
67663	C	KABWE	ZAMBIA	28879	C	KOKSHETAY	KAZAKHSTAN
62810	C	KADOGLLI	SUDAN	29231	CT	KOLPASEVO	RUSSIAN FEDERATION
61492	C	KAEDI	MAURITANIA	33883	C	KOMRAT	REP MOLDOVA
47827	CT	KAGOSHIMA	JAPAN	10929	C	KONSTANZ	GERMANY
10427	C	KAHLER ASTEN	GERMANY	25954	C	KORF	RUSSIAN FEDERATION
60735	C	KAIROUAN	TUNISIA	27333	C	KOSTROMA	RUSSIAN FEDERATION
02897	C	KAJAANI	FINLAND	42452	C	KOTA AERODROME	INDIA
16726	C	KALAMATA (AIRPORT)	GREECE	61293	C	KOUTIALA	MALI
25744	C	KAMENSKOE	RUSSIAN FEDERATION	45004	CT	KOWLOON	HONG KONG, CHINA
22165	C	KANIN NOS	RUSSIAN FEDERATION	43314	C	KOZHICODE	INDIA
61679	C	KAOLACK	SENEGAL	12566	C	KRAKOW	POLAND
71299	C	KAPUSKASING CDA ON, ONT	CANADA	14008	C	KREDARICA	SLOVENIA
02080	C	KARESUANDO	SWEDEN	33791	C	KRYVYI RIH	UKRAINE
51709	C	KASHI	CHINA	60514	C	KSAR CHELLALA	ALGERIA
44454	C	KATHMANDU AIRPORT	NEPAL	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
26629	C	KAUNAS	LITHUANIA	96413	CT	KUCHING	MALAYSIA
61257	C	KAYES	MALI	38343	C	KULAN	KAZAKHSTAN
35849	C	KAZALINSK	KAZAKHSTAN	65442	C	KUMASI	GHANA

STATION LIST RECENT DATA

56778	CT	KUNMING	CHINA	08535	C	LISBOA/GEOF	PORTUGAL
97372	C	KUPANG/ELTARI	INDONESIA	67743	C	LIVINGSTONE	ZAMBIA
15730	C	KURDJALI	BULGARIA	14015	C	LJUBLJANA/BEZIGRAD	SLOVENIA
47418	C	KUSHIRO	JAPAN	08084	C	LOGRONO/AGONCILLO	SPAIN
17155	C	KUTAHYA	TURKEY	84270	C	LOJA/LA ARGELIA	ECUADOR
71905	C	KUUJJIARAPIK A, QC	CANADA	65387	C	LOME	TOGO
02120	C	KVIKKJOKK-ARREJARKA	SWEDEN	83766	C	LONDRINA	BRAZIL
91366	C	KWAJALEIN/BUCHOLZ AAF, MARSH	USA	94995	C	LORD HOWE ISLAND AERO	AUSTRALIA
30949	C	KYRA	RUSSIAN FEDERATION	72295	C	LOS ANGELES /INT.,	USA
36096	C	KYZYL	RUSSIAN FEDERATION	72423	C	LOUISVILLE/STANDIFORD, KY.	USA
33393	C	L'VIV	UKRAINE	95964	C	LOW HEAD	AUSTRALIA
08001	CT	LA CORUNA	SPAIN	48930	C	LUANG-PRABANG	LAO PDR
82723	C	LABREA	BRAZIL	33377	C	LUBNY	UKRAINE
60545	C	LAGHOAT	ALGERIA	42369	T	LUCKNOW/AMAUSI	INDIA
10805	C	LAHR	GERMANY	10418	C	LUEDENSCHEID	GERMANY
72240	C	LAKE CHARLES/MUN.,	USA	06770	C	LUGANO	SWITZERLAND & LIECH
48830	C	LANG SON	VIET NAM	34523	C	LUHANS'K	UKRAINE
98223	C	LAOAG	PHILIPPINES	16597	C	LUQA	MALTA
23867	C	LAR' YAK	RUSSIAN FEDERATION	06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG
60030	C	LAS PALMAS DE GRAN CANARIA/G	SPAIN	03740	C	LYNEHAM	U KINGDOM
40022	C	LATTAKIA	SYRIAN ARAB REP	60467	C	M'SILA	ALGERIA
94968	C	LAUNCESTON AIRPORT COMPARISO	AUSTRALIA	40310	C	MA'AN	JORDAN
94865	C	LAVERTON RAAF	AUSTRALIA	44294	C	MAANTI	MONGOLIA
13577	C	LAZAROPOLE	MACEDONIA	82098	C	MACAPA	BRAZIL
78925	C	LE LAMENTIN	MARTINIQUE	08221	CT	MADRID/BARAJAS	SPAIN
94302	CT	LEARMONTH AIRPORT	AUSTRALIA	47624	C	MAEBASHI	JAPAN
12120	CT	LEBA	POLAND	40265	CT	MAFRAQ	JORDAN
03257	C	LEEMING	U KINGDOM	10361	C	MAGDEBURG	GERMANY
12374	T	LEGIONOWO	POLAND	37472	C	MAHACHKALA	RUSSIAN FEDERATION
10469	C	LEIPZIG-SCHKEUDITZ	GERMANY	47750	C	MAIZURU	JAPAN
36208	C	LENINOGORSK	KAZAKHSTAN	91376	C	MAJURO/MARSHALL IS. INTNL.	USA
08055	C	LEON/VIRGEN DEL CAMINO	SPAIN	28666	C	MAKUSINO	RUSSIAN FEDERATION
03005	CT	LERWICK	U KINGDOM	08482	C	MALAGA/AEROPUERTO	SPAIN
80398	C	LETICIA/VASQUEZ COBO	COLOMBIA	30252	C	MAMAKAN	RUSSIAN FEDERATION
28064	C	LEUSI	RUSSIAN FEDERATION	78741	C	MANAGUA A.C.SANDINO	NICARAGUA
72422	C	LEXINGTON/BLUE GRASS, KY.	USA	67341	C	MAPUTO/MAVALANE	MOZAMBIQUE
55591	CT	LHASA	CHINA	07650	C	MARIGNANE	FRANCE
11603	C	LIBEREC	CZECH REP	37860	C	MASHTAGA	AZERBAIJAN
67217	C	LICHINGA	MOZAMBIQUE	44314	C	MATAD	MONGOLIA
26406	C	LIEPAJA	LATVIA	89564	C	MAWSON	AUSTRALIA
91165	C	LIHUE, KAUAI, HAWAII	USA	70231	C	MCGRATH, AK	USA
07015	C	LILLE	FRANCE	89664	T	MCMURDO	USA
07434	C	LIMOGES	FRANCE	60549	C	MECHERIA	ALGERIA
10393	CT	LINDENBERG	GERMANY	60437	C	MEDEA	ALGERIA

STATION LIST RECENT DATA

94430	C	MEEKATHARRA AIRPORT	AUSTRALIA	47936	C	NAHA	JAPAN
10548	CT	MEININGEN	GERMANY	63740	C	NAIROBI/KENYATTA AIRPORT	KENYA
60150	C	MEKNES	MOROCCO	41128	C	NAJRAN	SAUDI ARABIA
60338	C	MELILLA	SPAIN	24713	C	NAKANNO	RUSSIAN FEDERATION
97014	CT	MENADO/ SAM RATULANGI	INDONESIA	38611	C	NAMANGAN	UZBEKISTAN
17340	C	MERSIN	TURKEY	58606	C	NANCHANG	CHINA
16420	C	MESSINA	ITALY	23205	CT	NAR'JAN-MAR	RUSSIAN FEDERATION
16734	C	METHONI	GREECE	72327	C	NASHVILLE/METROPOLITAN, TN.	USA
76680	C	MEXICO (CENTRAL),	MEXICO	71813	C	NATASHQUAN A, QUE	CANADA
22471	C	MEZEN'	RUSSIAN FEDERATION	91683	C	NAUSORI	FIJI
72202	C	MIAMI, FL	USA	08215	C	NAVACERRADA	SPAIN
10648	C	MICHELSTADT-VIELBRUNN	GERMANY	41749	C	NAWABSHAH	PAKISTAN
60195	C	MIDELT	MOROCCO	47909	CT	NAZE	JAPAN
11464	C	MILESOVKA	CZECH REP	64700	C	NDJAMENA	CHAD
47945	CT	MINAMIDAITOJIMA	JAPAN	80315	C	NEIVA/BENITO SALAS	COLOMBIA
89592	C	MIRNYJ	ANTARCTICA	31152	C	NEL' KAN	RUSSIAN FEDERATION
72773	C	MISSOULA / JOHNSON-BELL FIEL	USA	61497	C	NEMA	MAURITANIA
47830	C	MIYAZAKI	JAPAN	29752	C	NENASTNAYA	RUSSIAN FEDERATION
68242	C	MMABATHO	SOUTH AFRICA	30879	C	NERCHINSKIJ ZAVOD	RUSSIAN FEDERATION
64665	C	MOBAYE	CENTRAL AFRICAN REP	10557	C	NEUHAUS A.R.	GERMANY
26863	C	MOGILEV	BELARUS	42182	CT	NEW DELHI/SAFDARJUNG	INDIA
47165	C	MOKPO	REP KOREA	48877	C	NHA TRANG	VIET NAM
72544	C	MOLINE/QUAD CITY,	USA	61052	C	NIAMEY-AERO	NIGER
07560	C	MONT AIGOUAL	FRANCE	07690	C	NICE	FRANCE
71309	C	MOOSONEE RCS, ONT	CANADA	17250	C	NIGDE	TURKEY
61265	C	MOPTI	MALI	02942	C	NIINISALO	FINLAND
95527	C	MOREE AERO	AUSTRALIA	31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION
27612	CT	MOSKVA	RUSSIAN FEDERATION	07645	T	NIMES-COURBESSAC	FRANCE
88889	T	MOUNT PLEASANT AIRPORT	ISLANDS	13388	C	NIS	SERBIA AND MONTENEG
33036	C	MOZYR	BELARUS	27459	CT	NIZHNIJ NOVGOROD	RUSSIAN FEDERATION
63971	C	MTWARA	U REP TANZANIA	23724	C	NJAKSIMVOL'	RUSSIAN FEDERATION
10868	T	MUENCHEN-OBERSCHLEIBSHEIM	GERMANY	41710	C	NOKKUNDI	PAKISTAN
17292	C	MUGLA	TURKEY	70200	CT	NOME, AK	USA
42147	C	MUKTESHWAR KUMAON	INDIA	10113	C	NORDERNEY	GERMANY
41675	C	MULTAN	PAKISTAN	61415	C	NOUADHIBOU	MAURITANIA
08430	CT	MURCIA	SPAIN	89512	C	NOVOLAZAREVSKAJA	USSR
72636	C	MUSKEGON/COUNTY, MI.	USA	94750	C	NOWRA RAN AIR STATION AWS	AUSTRALIA
63756	C	MWANZA	U REP TANZANIA	10506	C	NUERBURG-BARWEILER	GERMANY
20476	C	MYS STERLEGOVA	RUSSIAN FEDERATION	94681	C	NURIOOTPA VITICULTURAL	AUSTRALIA
64654	C	N'DELE	CENTRAL AFRICAN REP	04250	C	NUUK (GODTHAAB)	GREENLAND
61049	C	N'GUIGMI	NIGER	43473	C	NUWARA ELIYA	SRI LANKA
60557	C	NAAMA	ALGERIA	91212	C	NWSO AGANA, GUAM, MARIANA IS	USA
23445	C	NADYM	RUSSIAN FEDERATION	10948	C	OBERSTDORF	GERMANY
47636	C	NAGOYA	JAPAN	33837	C	ODESA	UKRAINE

STATION LIST RECENT DATA

10742	C	OEHRINGEN	GERMANY	71434	C	PEAWANUCK (AUT), ONT	CANADA
31088	CT	OHOTSK	RUSSIAN FEDERATION	12942	C	PECS/POGANY	HUNGARY
47815	C	OITA	JAPAN	86097	C	PEDRO JUAN CABALLERO	PARAGUAY
24688	C	OJMJAKON	RUSSIAN FEDERATION	87544	C	PEHUAJO AERO	ARGENTINA
72353	C	OKLAHOMA CITY/W. ROGERS WORL	USA	96109	C	PEKAN BARU/SIMPANGTIGA	INDONESIA
34163	C	OKTJABR'SKIJ GORODOK	RUSSIAN FEDERATION	67215	C	PENBA	MOZAMBIQUE
10215	C	OLDENBURG	GERMANY	48601	CT	PENANG/BAYAN LEPAS	MALAYSIA
24125	CT	OLENEK	RUSSIAN FEDERATION	72532	C	PEORIA/GREATER PEORIA MUN.,	USA
72792	C	OLYMPIA, WA.	USA	80210	C	PEREIRA/MATECANA	COLOMBIA
47655	C	OMAEZAKI	JAPAN	41530	C	PESHAWAR	PAKISTAN
44215	C	OMNO-GOBI	MONGOLIA	22820	C	PETROZAVODSK	RUSSIAN FEDERATION
25428	C	OMOLON	RUSSIAN FEDERATION	48887	C	PHAN THIET	VIET NAM
28698	CT	OMSK	RUSSIAN FEDERATION	48378	C	PHITSANULOK	THAILAND
01212	C	ONA II	NORWAY	72278	C	PHOENIX/SKY HARBOR,	USA
22641	C	ONEGA	RUSSIAN FEDERATION	48826	C	PHU LIEN	VIET NAM
94476	C	OODNADATTA AIRPORT	AUSTRALIA	16052	C	PIAN ROSA	ITALY
60461	C	ORAN-PORT	ALGERIA	84140	C	PICHILINGUE	ECUADOR
94917	C	ORBOST (COMPARISON)	AUSTRALIA	68174	CT	PIETERSBURG	SOUTH AFRICA
08048	C	ORENSE	SPAIN	86255	C	PILAR	PARAGUAY
76737	C	ORIZABA, VER.	MEXICO	33019	C	PINSK	BELARUS
01241	C	ORLAND III	NORWAY	16158	C	PISA/S. GIUSTO	ITALY
40712	C	ORUMIEH	IRAN, ISLAMIC REP	72520	C	PITTSBURGH/GREATER PITTSBURG	USA
47772	C	OSAKA	JAPAN	84401	C	PIURA	PERU
47675	C	OSHIMA	JAPAN	61990	C	PLAISANCE (MAURITIUS)	MAURITIUS
01384	C	OSLO/GARDERMOEN	NORWAY	07117	C	PLOUMANAC'H PERROS GUIREC	FRANCE
85782	C	OSORNO	CHILE	65518	C	PO	BURKINA FASO
02226	C	OSTERSUND FROSON	SWEDEN	72578	C	POCATELLO/MUN., ID.	USA
60580	C	OUARGLA	ALGERIA	61612	C	PODOR	SENEGAL
60115	C	OIJDA	MOROCCO	32027	C	POGIBI	RUSSIAN FEDERATION
02875	C	OULU	FINLAND	47138	C	POHANG	REP KOREA
60421	C	OUM EL BOUAGHI	ALGERIA	07207	C	POINTE DU TALUT	FRANCE
08015	C	OVIEDO	SPAIN	20046	C	POLARGMO IM. E.T. KRENKELJA	RUSSIAN FEDERATION
22619	C	PADANY	RUSSIAN FEDERATION	08053	C	PONFERRADA	SPAIN
16022	C	PAGANELLA	ITALY	11952	T	POP RAD-GANOVCE	SLOVAKIA
48955	C	PAKSE	LAO PDR	27675	C	PORETSKOE	RUSSIAN FEDERATION
08301	C	PALMA DE MALLORCA	SPAIN	83332	C	POSSE	BRAZIL
08085	C	PAMPLONA/NOAIN	SPAIN	10379	C	POTSDAM	GERMANY
41739	C	PANJGUR	PAKISTAN	83358	C	POXOREO (POXOREU)	BRAZIL
07149	C	PARIS-ORLY	FRANCE	12330	C	POZNAN	POLAND
87289	C	PASO DE LOS LIBRES AERO	ARGENTINA	48500	C	PRACHUAP KHIRIKHAN	THAILAND
42492	T	PATNA	INDIA	31989	C	PREOBRAZHENIE	RUSSIAN FEDERATION
71984	C	PAULATUK, NWT	CANADA	11659	C	PRIBYSLAV	CZECH REP
27823	C	PAVELETS	RUSSIAN FEDERATION	11747	T	PROSTEJOV	CZECH REP
06610	CT	PAYERNE	SWITZERLAND & LIECH	84515	C	PUCALLPA	PERU

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29313	C	PUDINO	RUSSIAN FEDERATION	28966	C	RUZAEVKA	KAZAKHSTAN
76685	C	PUEBLA, PUE.	MEXICO	27730	T	RYAZAN'	RUSSIAN FEDERATION
43063	C	PUNE	INDIA	16008	C	S. VALENTINO ALLA MUTA	ITALY
26359	C	PUSKINSKIE GORY	RUSSIAN FEDERATION	10708	C	SAARBRUECKEN/ENSHEIM	GERMANY
43424	C	PUTTALAM	SRI LANKA	96001	C	SABANG/CUT BAU	INDONESIA
84179	C	PUYO	ECUADOR	71467	C	SACHS HARBOUR CLIMATE, NWT	CANADA
47058	CT	PYONGYANG	DPR KOREA	28552	C	SADRINSK	RUSSIAN FEDERATION
56137	C	QAMDO	CHINA	06680	C	SAENTIS	SWITZERLAND & LIECH
54857	C	QINGDAO	CHINA	42671	C	SAGAR	INDIA
50745	C	QIQIHAR	CHINA	47740	C	SAIGO	JAPAN
41660	C	QUETTA AIRPORT	PAKISTAN	41316	CT	SALALAH	OMAN
72797	C	QUILLAYUTE, WA.	USA	16723	C	SAMOS (AIRPORT)	GREECE
48870	C	QUY NHON	VIET NAM	61277	C	SAN	MALI
60135	C	RABAT-SALE	MOROCCO	82106	C	SAO GABRIEL DA CACHOEIRA	BRAZIL
40362	C	RAFHA	SAUDI ARABIA	47412	CT	SAPPORO	JAPAN
72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA	14654	C	SARAJEVO-BJELAVE	BOSNIA AND HERZEGOV
93997	T	RAOUL ISLAND, KERMADEC IS.	N ZEALAND	21802	C	SASKYLAH	RUSSIAN FEDERATION
72662	C	RAPID CITY/REGIONAL AIRPORT,	USA	97900	C	SAUMLAKI/OLILIT	INDONESIA
91843	C	RAROTONGA	COOK ISLANDS	72207	C	SAVANNAH/MUNICIPAL,	USA
95670	C	RAYVILLE PARK	AUSTRALIA	48938	C	SAYABOURY	LAO PDR
82900	CT	RECIFE	BRAZIL	71828	C	SCHEFFERVILLE A, QUE	CANADA
10776	C	REGENSBURG	GERMANY	98430	C	SCIENCE GARDEN	PHILIPPINES
07070	C	REIMS	FRANCE	94738	C	SCONE SCS	AUSTRALIA
96171	C	RENGAT/JAPURA	INDONESIA	72793	C	SEATTLE/S.-TACOMA,	USA
71407	C	RESERVED OR UNKNOWN	CANADA	41256	CT	SEEB, INT'L AIRPORT	OMAN
08175	C	REUS/AEROPUERTO	SPAIN	24661	C	SEGEN-KYUEL'	RUSSIAN FEDERATION
04030	C	REYKJAVIK	ICELAND	25703	T	SEJMCHAN	RUSSIAN FEDERATION
94340	C	RICHMOND POST OFFICE	AUSTRALIA	96837	C	SEMARANG	INDONESIA
91948	C	RIKITEA	FRENCH POLY.	47590	C	SENDAI	JAPAN
44203	C	RINCHINHUMBE	MONGOLIA	47108	C	SEOUL	REP KOREA
82915	C	RIO BRANCO	BRAZIL	71279	C	SEPT-ILES, QUE	CANADA
33301	C	RIVNE	UKRAINE	61976	C	SERGE-FROLOW (ILE TROMELIN)	OCEAN ISLANDS
40438	C	RIYADH OBS. (O.A.P.)	SAUDI ARABIA	60445	C	SETIF	ALGERIA
17040	C	RIZE	TURKEY	08391	C	SEVILLA/SAN PABLO	SPAIN
72411	C	ROANOKE/MUN., VA.	USA	63985	T	SEYCHELLES INTER. AIRPORT (R	SEYCHELLES
94812	C	ROBE	AUSTRALIA	37126	C	SHADZHATMAZ	RUSSIAN FEDERATION
72644	C	ROCHESTER/MUN., MN.	USA	22768	C	SHENKURSK	RUSSIAN FEDERATION
61988	C	RODRIGUES	MAURITIUS	47778	CT	SHIONOMISAKI	JAPAN
06190	C	ROENNE	DENMARK AND FAROE I	22271	T	SHOJNA	RUSSIAN FEDERATION
30650	C	ROMANOVKA	RUSSIAN FEDERATION	72248	C	SHREVEPORT/REG., LA.	USA
61489	C	ROSSO	MAURITANIA	38328	C	SHYMKENT	KAZAKHSTAN
89062	C	ROTHERA	U KINGDOM	26524	C	SIAULIAI	LITHUANIA
07037	C	ROUEN	FRANCE	15260	C	SIBIU	ROMANIA
51777	C	RUOQIANG	CHINA	60520	C	SIDI-BEL-ABBES	ALGERIA

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17210	C	SIIRT	TURKEY	71446	C	SWIFT CURRENT CDA, SASK	CANADA
61297	C	SIKASSO	MALI	94767	C	SYDNEY AIRPORT AMO	AUSTRALIA
42619	C	SILCHAR	INDIA	23804	T	SYKTYVKAR	RUSSIAN FEDERATION
33946	C	SIMFEROPOL'	UKRAINE	89532	CT	SYOWA	JAPAN
48698	CT	SINGAPORE/CHANGI AIRPORT	SINGAPORE	72519	C	SYRACUSE/HANCOCK,	USA
71842	C	SIoux LOOKOUT A, ONT	CANADA	12205	C	SZCZECIN	POLAND
17090	C	SIVAS	TURKEY	12982	CT	SZEGED	HUNGARY
62417	C	SIWA	EGYPT	40375	CT	TABUK	SAUDI ARABIA
13588	C	SKOPJE-ZAJCEV RID	MACEDONIA	84782	C	TACNA	PERU
71069	C	SLAVE LAKE A, ALTA	CANADA	34720	C	TAGANROG	RUSSIAN FEDERATION
11903	C	SLIAC	SLOVAKIA	61043	C	TAHOUA	NIGER
26951	C	SLUTSK	BELARUS	35406	C	TAIPAK	KAZAKHSTAN
71950	C	SMITHERS A, BC	CANADA	25932	C	TAJGONOS	RUSSIAN FEDERATION
26781	C	SMOLENSK	RUSSIAN FEDERATION	47891	C	TAKAMATSU	JAPAN
76845	C	SN. CRISTOBAL LAS CASAS, CHI	MEXICO	70251	C	TALKEETNA	USA
32477	C	SOBOLEVO	RUSSIAN FEDERATION	60680	CT	TAMANRASSET	ALGERIA
02836	C	SODANKYLA	FINLAND	60101	C	TANGER (AERODROME)	MOROCCO
15614	CT	SOFIA (OBSERV.)	BULGARIA	76903	C	TAPACHULA, CHIS	MEXICO
65361	C	SOKODE	TOGO	28493	C	TARA	RUSSIAN FEDERATION
48806	C	SON LA	VIET NAM	29379	C	TASEEVO	RUSSIAN FEDERATION
08148	C	SORIA	SPAIN	47646	T	TATENO	JAPAN
16746	C	SOUDA (AIRPORT)	GREECE	96481	CT	TAWAU	MALAYSIA
31770	C	SOVETSKAYA GAVAN'	RUSSIAN FEDERATION	23256	C	TAZOVSKOE	RUSSIAN FEDERATION
14445	C	SPLIT/MARJAN	CROATIA	37545	C	TBILISI	GEORGIA
72785	C	SPOKANE/INT., WA.	USA	60475	C	TEBESSA	ALGERIA
68512	C	SPRINGBOK	SOUTH AFRICA	24967	C	TEGYULTYA	RUSSIAN FEDERATION
25206	C	SREDNE-KOLYMSK	RUSSIAN FEDERATION	40754	CT	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
42027	C	SRINAGAR	INDIA	35426	C	TEMIR	KAZAKHSTAN
94517	C	ST GEORGE AIRPORT	AUSTRALIA	60018	T	TENERIFE-GUIMAR	SPAIN
61901	CT	ST. HELENA IS.	OCEAN ISLANDS	76373	C	TEPEHUANES, DGO.	MEXICO
01415	C	STAVANGER/SOLA	NORWAY	08235	C	TERUEL	SPAIN
71017	C	STEFANSSON ISLAND, NU	CANADA	61202	C	TESSALIT	MALI
02485	C	STOCKHOLM	SWEDEN	67261	C	TETE	MOZAMBIQUE
07190	C	STRASBOURG-ENTZHEIM	FRANCE	94570	C	TEWANTIN RSL PARK	AUSTRALIA
10738	C	STUTT GART-ECHTERDINGEN	GERMANY	48840	C	THANH HOA	VIET NAM
15023	C	SUCEAVA	ROMANIA	16622	C	THESSALONIKI (AIRPORT)	GREECE
24136	C	SUHANA	RUSSIAN FEDERATION	43371	CT	THIRUVANANTHAPURAM	INDIA
15360	C	SULINA	ROMANIA	71079	C	THOMPSON	CANADA
33275	C	SUMY	UKRAINE	41314	C	THUMRAIT	OMAN
24738	C	SUNTAR	RUSSIAN FEDERATION	60511	C	TIARET	ALGERIA
22676	C	SURA	RUSSIAN FEDERATION	94485	C	TIBOOBURRA POST OFFICE	AUSTRALIA
24790	C	SUSUMAN	RUSSIAN FEDERATION	61450	C	TIDJIKJA	MAURITANIA
47421	C	SUTTSU	JAPAN	21824	T	TIKSI	RUSSIAN FEDERATION
01008	C	SVALBARD LUFTHAVN	NORWAY	61036	C	TILLABERY	NIGER

STATION LIST RECENT DATA

02366	C	TIMRA/MIDLANDA	SWEDEN	87938	C	USHUAIA AERO	ARGENTINA
60656	C	TINDOUF	ALGERIA	32287	C	UST'- HAJRJUZOVO	RUSSIAN FEDERATION
03100	C	TIREE	U KINGDOM	01403	C	UTSIRA FYR	NORWAY
60395	C	TIZI-OUZOU	ALGERIA	33631	C	UZHHOROD	UKRAINE
76683	C	TLAXCALA, TLAX.	MEXICO	08284	C	VALENCIA/AEROPUERTO	SPAIN
60531	C	TLEMCCEN-ZENATA	ALGERIA	23966	C	VANZIL'-KYNAK	RUSSIAN FEDERATION
28275	C	TOBOL'SK	RUSSIAN FEDERATION	15280	C	VARFU OMU	ROMANIA
31137	C	TOKO	RUSSIAN FEDERATION	33038	C	VASILEVICH	BELARUS
08272	C	TOLEDO	SPAIN	42909	C	VERAVAL	INDIA
61223	CT	TOMBOUCTOU	MALI	72255	C	VICTORIA/VICTORIA REGIONAL,	USA
06011	CT	TORSHAVN	DENMARK AND FAROE I	15502	C	VIDIN	BULGARIA
44225	C	TOSONTSENGEL	MONGOLIA	87791	C	VIEDMA AERO	ARGENTINA
27051	C	TOT'MA	RUSSIAN FEDERATION	08045	C	VIGO/PEINADOR	SPAIN
07240	C	TOURS	FRANCE	24641	C	VILJUJSK	RUSSIAN FEDERATION
94294	CT	TOWNSVILLE AERO	AUSTRALIA	33562	C	VINNYTSIA	UKRAINE
16429	C	TRAPANI BIRGI	ITALY	02590	C	VISBY	SWEDEN
16098	C	TREVISO/ISTRANA	ITALY	26666	C	VITEBSK	BELARUS
10609	C	TRIER-PETRISBERG	GERMANY	37228	C	VLADIKAVKAZ	RUSSIAN FEDERATION
23711	C	TROICKO-PECHERSKOE	RUSSIAN FEDERATION	06310	C	VLISSINGEN	NETHERLANDS
26997	C	TRUBCHEVSK	RUSSIAN FEDERATION	20982	C	VOLOCHANKA	RUSSIAN FEDERATION
44282	C	TSETSERLEG	MONGOLIA	34122	T	VORONEZ	RUSSIAN FEDERATION
44347	C	TSOGT-OVOO	MONGOLIA	89606	C	VOSTOK	ANTARCTICA
91954	C	TUBUAI	FRENCH POLY.	33777	C	VOZNESENS'K	UKRAINE
72274	C	TUCSON/INT., AZ.	USA	22837	C	VYTEGRA	RUSSIAN FEDERATION
98233	C	TUGUEGARAO	PHILIPPINES	72256	C	WACO, MADISON-COOPER,	USA
76634	C	TULANCINGO, HGO.	MEXICO	03377	C	WADDINGTON	U KINGDOM
80453	C	TUMEREMO	VENEZUELA	71049	C	WAGER BAY (AUT), MAN	CANADA
60715	C	TUNIS-CARTHAGE	TUNISIA	97340	C	WAINGAPU/MAU HAU	INDONESIA
02972	C	TURKU	FINLAND	47600	CT	WAJIMA	JAPAN
76640	C	TUXPAN.VER.	MEXICO	47401	CT	WAKKANAI	JAPAN
48354	C	UDON THANI	THAILAND	97686	C	WAMENA	INDONESIA
28722	C	UFA-DIOMA	RUSSIAN FEDERATION	12375	C	WARSZAWA-OKECIE	POLAND
35416	C	UIL	KAZAKHSTAN	10544	C	WASSERKUPPE	GERMANY
97180	CT	UJUNG PANDANG/HASANUDDIN	INDONESIA	71199	C	WATSON LAKE (AUT), YT	CANADA
44212	C	ULAANGOM	MONGOLIA	10688	C	WEIDEN	GERMANY
44214	C	ULGI	MONGOLIA	10980	C	WENDELSTEIN	GERMANY
44272	C	ULIASTAI	MONGOLIA	10055	C	WESTERMARKELSDORF	GERMANY
47115	C	ULLEUNGDO	REP KOREA	93112	T	WHENUAPAI	N ZEALAND
33587	C	UMAN'	UKRAINE	71964	C	WHITEHORSE A, YT	CANADA
44304	C	UNDERKHAAN	MONGOLIA	72351	C	WICHITA FALLS/SHEPS AFB/WICH	USA
68424	CT	UPINGTON	SOUTH AFRICA	11035	CT	WIEN/HOHE WARTE	AUSTRIA
35108	C	URALSK	KAZAKHSTAN	72513	C	WILKES-BARRE-SCRANTON, PA.	USA
38396	C	URGENCH	UZBEKISTAN	72583	C	WINNEMUCCA/MUN., NV.	USA
17188	C	USAK	TURKEY	94313	C	WITTENOOM	AUSTRALIA

STATION LIST RECENT DATA

12497	C	WLODAWA	POLAND
47055	C	WONSAN	DPR KOREA
94659	CT	WOOMERA AERODROME	AUSTRALIA
12424	C	WROCLAW II	POLAND
51463	CT	WU LU MU QI	CHINA
10655	C	WUERZBURG	GERMANY
56571	C	XICHANG	CHINA
36064	C	YAJLJU	RUSSIAN FEDERATION
70361	CT	YAKUTAT, AK	USA
64661	C	YALINGA	CENTRAL AFRICAN REP
94589	C	YAMBA PILOT STATION	AUSTRALIA
54292	C	YANJI	CHINA
91413	C	YAP, CAROLINE IS.	USA
34866	C	YASHKUL'	RUSSIAN FEDERATION
40439	C	YENBO	SAUDI ARABIA
47168	C	YEOSU	REP KOREA
37789	C	YEREVAN/YEREVAN-ARABKIR	ARMENIA
57461	C	YICHANG	CHINA
53614	C	YINCHUAN	CHINA
47744	T	YONAGO	JAPAN
72525	C	YOUNGSTOWN, OH.	USA
14430	T	ZADAR RS	CROATIA
14236	C	ZAGREB/GRIC	CROATIA
27857	C	ZAMETCHINO	RUSSIAN FEDERATION
81225	C	ZANDERIJ	SURINAME
08160	C	ZARAGOZA/AEROPUERTO	SPAIN
34398	C	ZHALPAKTAL	KAZAKHSTAN
57083	C	ZHENGZHOU	CHINA
24343	C	ZHIGANSK	RUSSIAN FEDERATION
41620	C	ZHOB	PAKISTAN
61695	C	ZIGUINCHOR	SENEGAL
10582	C	ZINNWALD-GEORGENFELD	GERMANY
36038	C	ZMEINOGORSK	RUSSIAN FEDERATION
31829	C	ZOLOTOJ	RUSSIAN FEDERATION
17022	C	ZONGULDAK	TURKEY
61404	C	ZOUERATE	MAURITANIA
06660	C	ZUERICH-METEOSCHWEIZ	SWITZERLAND & LIECH
10961	C	ZUGSPITZE	GERMANY
25400	C	ZYRYANKA	RUSSIAN FEDERATION

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

Hourly Precipitation Data

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

Climatological Data

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

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

Storm Data

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

Monthly Climatic Data for the World

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

Local Climatological Data

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 3 hourly weather observations for that month and a 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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