



VOL. 65 NO. 7



ISSN 0027-0296

**JULY 2012**

**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."**

**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.

The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Climatic Data Center, Asheville, North Carolina, USA.

## PUBLICATION STAFF

**Joe Kraft, Met. Tech.**

**Chunying Liu, Met. Data Analyst**

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

**NOAA\National Climatic Data Center  
151 Patton Avenue  
Asheville, NC 28801-5001**

# SURFACE

# JULY 2012

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.
<b>EUROPE</b>																
<b>NORWAY</b>																
01001 JAN MAYEN	7056N	00840W	10		1012.2	1013.4	4.8	.6	7.5	.1	2	18	-29	1		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1004.9	1008.2	6.6	.8	7.1	.0	6	19	1	4		
01025 TROMSO/LANGNES	6941N	01855E	10		1007.1	1008.1	10.8	-1.0	10.3	-2	17	80	7	4		
01026 TROMSO	6939N	01856E	115		994.2	1008.0	10.8		10.1		20	116		5	118	58
01028 BJORNOYA	7431N	01901E	16		1006.3	1008.3	4.7	.3	7.7	-2	14	63	33	5		
01098 VARDØ	7022N	03106E	15		1006.8	1008.6	9.5	.3	10.0	-2	10	51	2	3		
01152 BODO VI	6716N	01422E	13		1007.1	1008.6	11.9	-6	11.4	-1	13	126	34	4	107	62
01212 ONA II	6252N	00632E	15		1008.4	1009.9	12.1		12.2		12	65		2		
01238 FOKSTUA II	6207N	00917E	974		901.3	1012.6	9.7		9.0		17	120		5		
01241 ORLAND III	6342N	00936E	7		1008.0	1009.5	12.7	.0	12.2	-2	11	90	5	4		
01317 BERGEN/FLORIDA	6023N	00520E	36		1005.5	1009.6	14.8	.3	11.9	-5	16	178	30	4		
01384 OSLO/GARDERMOEN	6012N	01105E	204				14.9	-3			14	164	85	6		
01403 UTSIRA FYR	5918N	00453E	56		1003.3	1010.1	13.6		12.7		14	93		4		
01415 STAVANGER/SOLA	5853N	00538E	9		1009.2	1010.3	14.5	.3	13.1	.4	18	95	4	4		
01465 TORUNGEN FYR	5824N	00848E	15		1008.0	1009.8	15.5		13.8		7	56		3		
<b>SWEDEN</b>																
02080 KARESUANDO	6827N	02227E	331		968.5	1007.4	12.2	-6	10.2	-7	8	53	-22	2	213	88
02120 KVIKKJOKK-ARRENJARKA	6653N	01801E	320		970.4	1007.5	12.5		10.9		13	98		3		
02128 GUNNARN	6500N	01742E	283		975.7	1008.2	13.9	-6	12.6	1.5	14	115	30	4		
02226 OSTERSUND FROSON	6312N	01430E	376		964.7	1008.5	13.7	.3	11.9	.9					201	88
02366 TIMRA/MIDLANDA	6231N	01727E	8		1008.1	1008.7	15.8	.5	13.8	1.4	11	39	-23	2		
02418 KARLSTAD FLYGPLATS	5927N	01320E	107		996.8	1009.4	15.9	-2	14.7	1.4					230	87
02485 STOCKHOLM	5921N	01804E	52		1003.7	1009.9	17.8	.6	14.8	1.3	9	61	-11	3	248	95
02550 JONKOPING/AXAMO	5745N	01405E	224		984.1	1010.5	15.4	.4	14.1	1.7	13	105	32	4		
02590 VISBY	5740N	01821E	51		1005.1	1011.0	17.0	.7	16.1	1.7					295	104
<b>FINLAND</b>																
02801 KILPISJARVI	6903N	02047E	478		952.1	1011.2	6.5		7.1		11	72		5		
02805 KEVO	6945N	02702E	107		997.6	1010.9	8.6		7.9		14	65		5	140	60
02836 SODANKYLA	6722N	02639E	179		986.6	1008.9	10.7	-3.4	9.3		16	72	7	4	149	55
02869 KUUSAMO	6558N	02911E	263		975.7	1008.5	14.9	.7	12.8							
02897 KAJAANI	6417N	02741E	143		992.3	1009.0	16.1	.5	14.4							
02929 JOENSUU	6240N	02938E	119		995.0	1009.8	17.2	.8	14.8							
02935 JYVASKYLA	6224N	02541E	145		992.0	1009.5	16.7	1.0	14.4		16	109	31	4	221	87
02942 NIINISALO	6151N	02228E	136		993.9	1009.5	16.6	.9	14.7		14	120	49	5		
02963 JOKIOINEN	6049N	02330E	104		997.1	1009.9	16.7	.9	15.2		10	82	2	3	185	75
02974 HELSINKI-VANTAA	6019N	02458E	56		1004.1	1010.8	18.0	1.4	15.3		7	67	-6	3	255	93

# SURFACE

# JULY 2012

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.
<b>UNITED KINGDOM</b>																
<b>03005 LERWICK</b>	6008N	00111W	84		1000.2	1010.1	11.3	-.1	11.5		14	75	13	4	106	86
<b>03026 STORNOWAY AIRPORT</b>	5813N	00619W	15		1009.2	1011.1	12.6	-.1	12.0		13	56	-17	2	95	74
03066 KINLOSS	5739N	00334W	7		1010.3	1010.9	13.8	-.4	12.1		9	54	-1	3	101	69
03091 DYCE	5712N	00213W	69		1003.0	1010.9	13.3	-.5	12.5		16	97	37	5	69	44
03100 TIREE	5630N	00653W	12		1009.7	1011.3	12.9	-.4	12.7		13	83	4	4	159	101
<b>03162 ESKDALEMUIR</b>	5519N	00312W	242		983.6	1011.8	12.6	-.6	12.8		22	203	105	5	60	40
03257 LEEMING	5418N	00132W	40		1007.9	1011.9	15.1	-.4	13.8		11	71	21	4	110	67
<b>03302 VALLEY</b>	5315N	00432W	11		1011.1	1012.3	14.5	-.8	13.9		16	71	18	4	112	57
<b>03377 WADDINGTON</b>	5310N	00031W	70		1004.2	1012.5	15.9	.1	13.9		14	70	17	4	148	80
03502 ABERPORTH	5208N	00434W	134		997.2	1013.2	14.2	-.5	13.6		15	76	26	5	139	74
03740 LYNEHAM	5130N	00159W	147		996.4	1013.7	15.4	-.6	13.5		18	100	45	5	159	78
03797 MANSTON	5121N	00120E	54		1008.2	1014.1	16.5	-.2	14.8		11	66	21	5	183	87
<b>03808 CAMBORNE</b>	5013N	00519W	88		1004.3	1014.8	14.8		14.7		12	122		5	175	80
03862 HURN	5047N	00150W	11		1012.9	1014.2	15.6	-.7	14.3		12	137	97	6	148	68
03917 ALDERGROVE	5439N	00613W	81		1004.2	1011.8	14.1	-.6	13.1		18	76	12	4	104	71
<b>IRELAND</b>																
<b>03953 VALENTIA OBSERVATORY</b>	5156N	01015W	30		1010.9	1013.8			14.5	.0						
03955 CORK AIRPORT	5151N	00829W	162		996.6	1016.3	10.4	-4.2	10.5	-3.3	18	91	26	4	194	100
03962 SHANNON AIRPORT	5242N	00855W	20		1013.0	1015.4	11.8	-3.7	10.8	-3.3	18	103	46	5	204	110
03967 CASEMENT AERODROME	5318N	00626W	97		1003.9	1015.2	11.2		10.8		15	53			214	115
03969 DUBLIN AIRPORT	5326N	00615W	85		1004.8	1015.1	10.9	-4.1	10.6	-2.9	15	76	26	4	216	115
03973 CONNAUGHT AIRPORT	5354N	00849W	209		988.9	1014.2	9.8		10.2		22	116			187	
03976 BELMULLET	5414N	01000W	10		1012.3	1013.5	11.1	-3.0	11.4	-2.5	16	91	23	4	204	105
<b>03980 MALIN HEAD</b>	5522N	00720W	25		1010.2	1013.3	10.8	-2.9	10.6	-2.7	16	95	23	5	221	115
<b>NETHERLANDS</b>																
06235 DE KOOY	5256N	00447E	2		1013.2	1013.3	16.9	.7	15.0	.0	12	93	29	4	239	117
<b>06260 DE BILT</b>	5206N	00511E	4		1013.6	1013.9	17.3	.5	14.9	.0	12	91	16	4	200	107
06280 EELDE/GRONINGEN AP EELDE	5307N	00635E	4		1012.9	1013.4	16.5	.6	14.8	-.2	17	90	14	4	207	116
06310 VLISSINGEN	5127N	00336E	10		1013.2	1014.2	17.3	.4	15.7	.5	16	119	51	5	211	104
<b>LUXEMBOURG</b>																
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	376		972.0	1015.8	17.0		14.0		13	140	72	5	244	105
<b>SWITZERLAND &amp; LIECHTENSTEIN</b>																
06610 PAYERNE	4649N	00657E	491		960.4	1016.5	18.6		14.4		13	96			242	100
06660 ZUERICH-METEOSCHWEIZ	4723N	00834E	569		952.7	1016.4	17.9	.3	15.0	.3	12	173	55	5	199	95
<b>06680 SAENTIS</b>	4715N	00921E	2502		756.0	3121 Z	5.9	.8	8.0	.9	19	142	-173	1	122	72
06700 GENEVE-COINTRIN	4615N	00608E	420		968.9	1016.2	19.8	.7	14.0	.0	8	46	-19	2	267	105
<b>06717 GRAND ST. BERNARD</b>	4552N	00710E	2479		757.2	3133 Z	8.3		7.6		15	133			222	100

# SURFACE

# JULY 2012

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.
06770 LUGANO	4600N	00858E	276		979.0	1013.3	23.0	1.9	17.9	1.1	8	79	-59	2	262	105
<b>FRANCE</b>																
07005 ABBEVILLE	5008N	00150E	77		1006.6	1015.3	16.5		14.4		13	136		5	178	80
07015 LILLE	5034N	00306E	52		1009.4	1015.0	17.3		14.4		15	128		6	177	85
07020 LA HAGUE	4943N	00156W	12		1013.3	1015.9	15.7		15.4		11	82				
07027 CAEN	4911N	00027W	67		1007.9	1015.9	16.5	-2	14.2		8	57	10	5	195	86
07037 ROUEN	4923N	00111E	156		997.9	1015.8	16.8		13.9		9	68			183	80
07110 BREST	4827N	00425W	99		1005.2	1016.5	15.8	-2	14.8		14	102	56	5	180	79
07117 PLOUMANAC'H PERROS GUIREC	4850N	00328W	58		1009.1	1016.0	15.7		14.9		9	39				
<b>07130 RENNES</b>	4804N	00144W	43		1011.4	1016.5	17.3		14.6		8	53		5	186	75
07139 ALENCON	4826N	00006E	144		999.3	1016.3	16.8		13.6		10	65			184	80
07149 PARIS-ORLY	4843N	00223E	90		1005.6	1016.2	18.4		14.0		9	78			199	
07168 TROYES	4820N	00401E	118		1002.7	1016.5	18.4		14.4		11	56			218	
07181 NANCY-OCHEY	4835N	00558E	351		976.6	1016.4	17.5		14.7		12	53				
<b>07190 STRASBOURG-ENTZHEIM</b>	4833N	00738E	153		998.6	1016.2	19.4	.4	15.9		11	74	18	6	208	87
07207 POINTE DU TALUT	4718N	00310W	43		1012.3	1017.4	17.2		15.3		11	62				
07222 NANTES	4709N	00136W	27		1013.9	1017.0	17.8	-1.2	15.0		10	61	15	2	214	80
07240 TOURS	4727N	00044E	112		1003.6	1016.8	18.4		14.4		11	95		5	218	80
07255 BOURGES	4704N	00222E	166		997.7	1017.1	19.1	-1	14.2		7	38	-13	2	224	86
07280 DIJON	4716N	00505E	227		990.3	1016.8	19.1	-5	14.4		7	62	11	5	248	93
07299 BALE-MULHOUSE	4736N	00731E	271		984.9	1016.5	18.8		15.5		15	97		5	240	95
07314 CHASSIRON	4603N	00125W	22		1015.4	1018.1	18.9		16.8		8	35				
07335 POITIERS	4635N	00018E	120		1003.4	1017.5	18.5		14.0		7	38		6	234	85
07434 LIMOGES	4552N	00111E	402		971.1	1017.8	17.4		13.2		10	59			236	90
07460 CLERMONT-FERRAND	4547N	00310E	330		979.3	1016.9	19.2		14.1		8	54			267	100
07471 LE PUY	4505N	00346E	833		923.0	1529 Y	16.4		11.8		8	66			276	
07481 LYON-SATOLAS	4544N	00505E	248		988.9	1016.7	20.6		14.7		8	101				
07510 BORDEAUX MERIGNAC	4450N	00041W	61		1012.7	1018.4	19.8		15.0		8	47	1	2	250	90
07535 GOURDON	4445N	00124E	261		987.6	1017.9	19.2		13.9		5	30			257	90
07560 MONT AIGOUAL	4407N	00335E	1567		846.3	1528 Y	12.7		10.6		7	78		5		
07577 MONTELMAR	4435N	00444E	74		1007.2	1015.8	22.7		15.0		3	66			355	100
07591 EMBRUN	4434N	00630E	876		916.8	1527 Y	21.1		10.9		2	4			294	95
07607 MONT-DE-MARSAN	4355N	00030W	60		1011.5	1018.5	20.0		15.2		4	16		1	243	95
07621 TARBES-OSSUN	4311N	00000W	364		976.2	1018.3	18.6		15.4		9	103		5	208	95
07627 SAINT GIRONS	4300N	00106E	412		970.7	1018.1	18.4		15.0		6	41		5	223	95
<b>07630 TOULOUSE BLAGNAC</b>	4338N	00122E	154		1000.4	1017.8	21.7		13.8		4	13	-28	1	275	100
07643 MONTPELLIER	4335N	00358E	8		1014.7	1015.6	23.7		15.2		4	55			373	105
07650 MARIGNANE	4327N	00514E	32		1011.1	1014.8	24.3		15.2		2	11	-2	2	379	100
07661 CAP CEPET	4305N	00556E	136		998.6	1014.0	23.4		16.2		0	T				
07690 NICE	4339N	00712E	27		1010.4	1013.6	24.3		19.5		1	3	-12	1	368	105
07747 PERPIGNAN	4244N	00252E	47		1011.2	1016.3	23.8		14.6		2	7	-10	0	318	100
07761 AJACCIO	4155N	00848E	9		1013.7	1014.7	23.7		18.8		0	0	-11	1	390	105
07790 BASTIA	4233N	00929E	12		1012.5	1013.9	24.7		20.5		0	T			343	95

**SPAIN**

# SURFACE

# JULY 2012

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.
08001 LA CORUNA	4322N	00825W	67		1011.3	1019.2	18.8	.4	16.5	-3	7	32	7	4	269	108
08015 OVIEDO	4321N	00552W	339		979.4	1018.7	18.0	-.1	15.9	-.7	8	29	-26	2	186	105
08023 SANTANDER	4329N	00348W	59		1012.2	1019.1	18.7	-.6	18.2	.7	11	30	-21	2	243	115
08025 BILBAO/SONDICA	4318N	00254W	42		1014.1	1018.7	18.9		15.3		4	20		2	209	110
<b>08027 SAN SEBASTIAN/IGUELDO</b>	4318N	00202W	259		988.3	1018.5	18.2	-.2	17.0	-.8	8	54	-24	2	259	134
08045 VIGO/PEINADOR	4214N	00838W	256		988.5	1018.5	18.3	-.8	15.8	-1.0	6	43	5	4	306	105
08048 ORENSE	4220N	00752W	147		999.7	1016.7	21.8		15.1		2	12		3	302	110
08053 PONFERRADA	4234N	00636W	550		954.2	1016.2	20.7		12.7		2	10		3	334	110
08055 LEON/VIRGEN DEL CAMINO	4235N	00539W	916		913.9	1014.5	19.0		10.9		2	7		2	380	105
08075 BURGOS/VILLAFRIA	4221N	00338W	890		916.2	1014 Y	18.7	.3	11.2	-2.6	2	17	-10	2	360	111
08084 LOGRONO/AGONCILLO	4227N	00220W	363		974.7	1015.9	22.7	.6	11.6	-3.3	2	15	-7	3	332	108
08085 PAMPLONA/NOAIN	4246N	00138W	459		965.0	1016.3	21.0		12.9		0	1		0	275	90
08130 ZAMORA	4131N	00544W	667		941.7	1015.8	22.2		10.6		2	6		3	405	110
08141 VALLADOLID	4139N	00446W	735		933.0	1014.3	21.6	.2	10.2	-1.0	2	11	-6	3	387	108
08148 SORIA	4146N	00228W	1082		896.0	1013.5	19.9		9.4		4	33		4		
08160 ZARAGOZA/AEROPUERTO	4140N	00100W	263		985.6	1014.8	25.1	.8	13.2	-1.8	1	3	-12	1	393	114
08171 LERIDA	4138N	00036E	199		992.7	1015.3	24.7		16.2		1	23		5	358	105
08175 REUS/AEROPUERTO	4109N	00110E	76		1007.1	1015.8	24.5		19.0		2	15		4		
<b>08181 BARCELONA/AEROPUERTO</b>	4117N	00204E	6		1015.5	1016.1	25.7	2.8	21.4	.6	1	30	8	4	279	91
08184 GERONA/COSTA BRAVA	4154N	00246E	143		1000.4	1015.1	23.4	.3	16.4	-2.0	2	13	-25	2	227	82
<b>08202 SALAMANCA/MATACAN</b>	4057N	00530W	794		926.7	1014.2	20.5	-.5	11.4	-2.0	2	8	-10	2	411	113
<b>08215 NAVACERRADA</b>	4047N	00401W	1894		815.8	1012.2	17.0		8.2		2	7		2	367	100
08221 MADRID/BARAJAS	4030N	00335W	633		948.5	1012.7	25.0	.7	8.0	-5.7	2	6	-2	4	410	117
08231 CUENCA	4004N	00208W	946		910.2	1012.4	24.0		9.5		2	27		4	335	90
08235 TERUEL	4021N	00107W	902		914.5	1012.5	22.9		11.3		1	11		2	374	115
08238 TORTOSA	4049N	00030E	50		1009.1	1014.8	26.4	1.1	20.5	.7	4	14	1	4	297	94
08261 CACERES	3928N	00620W	405		969.9	1015.1	26.0	.4	10.3	-1.9	0	0	-5	2	428	115
08272 TOLEDO	3953N	00403W	516		955.8	1012.7	26.8		9.1		2	3		2	417	110
<b>08280 ALBACETE/LOS LLANOS</b>	3857N	00151W	704		935.7	1012.6	25.4	1.3	11.8	-1.9	0	T	-9	2		
08284 VALENCIA/AEROPUERTO	3930N	00028W	69		1008.2	1015.2	26.1	1.4	19.0	-1.7	0	T	-16	2		
08286 CASTELLON	3957N	00004W	35		1010.2	1014.2	25.6		21.2		1	2		5	331	105
08301 PALMA DE MALLORCA	3933N	00237E	6		1014.8	1015.4	25.4		24.6		1	4		3	343	100
08306 PALMA DE MALLORCA/SON SAN JU	3933N	00244E	7		1015.5	1016.1	24.8	1.0	18.8	-2.1	0	T	-9	2	344	104
08314 MENORCA/MAHON	3952N	00414E	89		1006.0	1015.8	24.4	.2	19.3	-.9	2	2	-1	3	330	95
08330 BADAJOZ/TALAVERA LA REAL	3853N	00650W	192		993.1	1014.8	26.1	.8	14.9	-1.1	0	0	-3	3	405	110
08348 CIUDAD REAL	3859N	00355W	629		944.0	1012.8	26.6	1.6	10.1	-5.9	1	6	-4	4	369	101
08359 ALICANTE	3822N	00030W	82		1005.9	1015.3	25.9	.8	23.6	2.5	0	T	-4	3	340	100
08360 ALICANTE/EL ALTET	3817N	00033W	43		1011.8	1015.4	26.0		19.9		0	T			311	
08373 IBIZA/ES CODOLA	3853N	00123E	17		1013.5	1015.5	25.6	.7	23.3	.5	0	T	-5	3	321	95
08383 HUELVA	3717N	00655W	20		1013.3	1015.6	27.2		20.5		0	0		3		
08391 SEVILLA/SAN PABLO	3725N	00554W	34		1010.8	1014.3	27.7		11.9		0	0		3	412	110
<b>08410 CORDOBA/AEROPUERTO</b>	3751N	00451W	92		1003.5	1013.9	28.2	1.3	10.9	-5.4	0	0	-5	3	384	108
08417 JAEN	3747N	00348W	582		950.0	1013.6	27.6		10.0		0	0		3	413	105
08419 GRANADA/AEROPUERTO	3711N	00347W	570		950.2	1012.9	25.6		10.4		0	0		3	378	100
08430 MURCIA	3800N	00110W	62		1008.4	1015.4	27.8		22.0		0	T		3	370	110
08433 MURCIA/SAN JAVIER	3747N	00048W	5		1014.9	1015.2	26.3	2.4	23.7	.7	0	T	-6	3	379	135

# SURFACE

# JULY 2012

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.
08451 JEREZ DE LA FRONTERA AEROPUE	3645N	00604W	28		1011.8	1015.0	24.9	-2	15.8	-3.1	0	0	-1	4	390	110
08482 MALAGA/AEROPUERTO	3640N	00429W	16				26.4	1.6	19.6	.7	0	0	-1	4	368	106
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1012.1	1014.5	25.8	.4	21.0	-.5	0	T	-1	4	377	110
<b>GIBRALTAR</b>																
08495 GIBRALTAR	3609N	00521W	5		1015.2	1015.8	25.0				01	1		5	353	100
<b>PORTUGAL</b>																
08501 FLORES (ACORES)	3927N	03108W	29		1022.0	1025.7	21.9		20.8		6	22		1	180	85
08509 LAJES (ACORES)	3846N	02706W	54		1019.8	1026.2	20.7		18.4		4	159		1	192	85
08512 PONTA DELGADA/NORDELA (ACORE)	3744N	02542W	72		1017.0	1026.0	20.4		19.9		4	18				
<b>08535 LISBOA/GEOP</b>	3843N	00909W	95		1006.2	1017.1	21.9	-.5	17.9	.9		3	-2	2	384	109
08558 EVORA/C. COORD	3832N	00754W	246		987.8	1016.1	23.2		12.3		0	0				
08570 CASTELO BRANCO	3950N	00729W	386		971.5	1015.3	24.2		11.8		01	1			425	
08575 BRAGANCA	4148N	00644W	692		939.3	1017.2	21.0	-.1	12.6	-.4	2	17	0	4	118	33
<b>GERMANY</b>																
10015 HELGOLAND	5411N	00754E	8		1011.9	1012.8	16.3		15.2		12	128		6	235	105
10020 LIST/SYLT	5501N	00825E	29		1008.8	1011.9	16.6		14.9		11	81		4	247	105
10028 ST PETER-ORDING	5420N	00836E	11		1011.5	1012.8	16.8		15.3		12	107		5	246	120
10035 SCHLESWIG	5432N	00933E	48		1007.2	1012.9	16.2	.4	14.7	.4	16	169	77	5	213	100
10055 WESTERMARKELSDORF	5432N	01104E	9		1011.9	1012.9	16.8		15.4		15	92			230	95
10091 ARKONA	5441N	01326E	42		1008.0	1012.9	16.4		15.3		13	85		4	232	90
10113 NORDERNEY	5343N	00709E	16		1011.2	1013.0	16.9		15.3		15	128		5	237	110
10129 BREMERHAVEN	5332N	00835E	11		1012.2	1013.5	17.4		15.1		17	76		3	221	110
10131 CUXHAVEN	5352N	00842E	12		1011.9	1013.3	16.9		15.3		17	122		5	213	95
10142 ITZEHOE	5359N	00934E	26		1010.1	1013.2	16.4		15.2		15	132			198	90
<b>10147 HAMBURG-FUHLBUETTEL</b>	5338N	00959E	16		1011.7	1013.5	17.2	.4	14.9	.4	17	116	34	5	192	93
10161 BOLTENHAGEN	5400N	01112E	17		1011.3	1013.2	16.5		15.4		15	75		4	208	90
10162 SCHWERIN	5339N	01123E	68		1005.6	1013.5	17.3		14.7		11	52		2	193	90
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1011.9	1013.4	17.3	.5	15.4	.3	12	49	-22	2	215	92
10180 BARTH	5420N	01243E	7		1012.8	1013.2	16.9		15.4		13	92			230	95
10184 GREIFSWALD	5406N	01324E	6		1012.8	1013.5	17.6		15.3		14	86			194	80
10200 EMDEN-FLUGPLATZ	5323N	00714E	5		1013.3	1013.1	16.9		14.8		13	76			224	110
10215 OLDENBURG	5311N	00810E	20		1012.1	1013.6	17.2		14.3		14	105			213	110
10224 BREMEN	5303N	00848E	5		1013.0	1013.6	17.3		14.6		11	84		4	207	105
10249 BOIZENBURG	5324N	01041E	46		1008.2	1013.7	17.4		15.1		16	150		5	194	90
10261 SEEHAUSEN	5254N	01144E	23		1011.2	1014.0	18.2		15.1		14	82			213	105
10264 MARNITZ	5319N	01156E	87		1003.2	1013.4	17.6		14.6		13	56		2	185	95
10270 NEURUPPIN	5254N	01249E	45		1008.8	1014.1	18.1		15.6		13	88		5	207	90
10291 ANGERMUENDE	5302N	01400E	55		1007.4	1014.0	18.2		15.8		14	102		5	194	80
10305 LINGEN	5231N	00718E	26		1010.6	1013.7	17.4		14.3		17	149		5	203	110
10315 MUENSTER/OSNABRUECK	5208N	00742E	53		1008.0	1014.2	17.6		14.4		14	92			210	105
10321 DIEPHOLZ	5235N	00821E	43		1008.8	1013.9	17.2		14.4		13	73		4	203	105



# SURFACE

# JULY 2012

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.
10325 BAD SALZUFLEN	5206N	00845E	139		998.4	1014.4	17.0		14.4		15	84		4	187	100
10338 HANNOVER	5228N	00941E	59		1007.1	1014.1	17.5	.3	14.9	.2	15	100	38	5	195	90
10348 BRAUNSCHWEIG	5218N	01027E	88		1004.0	1014.3	17.5		15.0		15	117		6	199	100
10359 GARDELEGEN	5231N	01124E	48		1008.9	1014.5	17.9		14.9		14	90		5	195	95
10361 MAGDEBURG	5206N	01135E	85		1004.5	1014.5	18.6		15.0		16	61		4	198	90
10379 POTSDAM	5223N	01304E	100		1002.1	1013.8	18.4	.5	16.3	2.0	17	147	95	6	227	98
10382 BERLIN-TEGEL	5234N	01319E	37		1009.8	1014.1	19.0		15.7		15	103			207	90
10384 BERLIN-TEMPELHOF	5228N	01324E	50		1008.4	1014.2	19.2		15.3		17	142		6	204	85
10385 BERLIN-SCHOENEFELD	5223N	01332E	48		1008.3	1014.2	18.6		15.8		15	108			218	
<b>10393 LINDENBERG</b>	5213N	01407E	112		1001.7	1013.9	18.5	.6	15.6	1.7	15	124	71	5	212	93
10396 MANSCHNOW	5233N	01433E	16		1012.9	1014.4	18.7		16.3		15	107			210	95
10400 DUESSELDORF	5118N	00646E	45		1009.9	1014.7	18.1		14.9		12	94			188	95
10410 ESSEN-BREDENEY	5124N	00658E	161		996.7	1014.2	17.5	.1	14.4	.0	13	120	31	5	199	107
10418 LUEDENSCHEID	5115N	00739E	392		969.6	1014.8	15.8		13.9		16	205			161	95
10427 KAHLER ASTEN	5111N	00829E	859		917.2	1494 Y	13.1		12.6		16	152		4	142	80
10430 BAD LIPPSPRINGE	5147N	00850E	158		996.0	1014.5	17.1		14.2		15	130		5	181	95
10444 GOETTINGEN	5130N	00957E	175		995.0	1014.8	16.9		15.1		16	96		5	176	95
10449 LEINEFELDE	5124N	01019E	356		973.6	1014.7	16.5		14.4		19	124		5	180	90
10453 BROCKEN	5148N	01037E	1153		884.5	1484 Y	10.8		11.8		17	166		4	150	90
10460 ARTERN	5123N	01118E	166		995.6	1015.0	18.2		15.3		10	66		5	197	100
10469 LEIPZIG-SCHKEUDITZ	5126N	01214E	141		998.8	1014.6	18.8		15.4		12	56			211	100
10474 WITTENBERG	5153N	01239E	106		1002.2	1014.6	18.7		15.0		13	63		5	216	95
10480 OSCHATZ	5118N	01306E	152		997.4	1014.9	18.6		15.8		16	130			210	95
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		987.8	1014.8	18.9		14.8		12	85			214	100
10496 COTTBUS	5146N	01419E	70		1006.2	1014.4	19.1		15.8		13	70		4	213	90
10499 GOERLITZ	5110N	01457E	240		986.5	1014.3	18.7	1.4	15.8	1.7	14	143	73	5	224	101
10506 NUERBURG-BARWEILER	5022N	00652E	488		958.9	1015.3	15.7		13.3		11	105			178	85
10513 KOELN/BONN	5052N	00710E	100		1003.2	1014.9	17.8		14.7		15	118		5	169	85
10519 BONN-ROLEBER	5044N	00712E	162		996.2	1015.0	17.5		14.7		16	108			180	95
10526 BAD MARIENBERG	5040N	00758E	555		951.9	1015.9	15.2		12.9		15	165			167	85
10532 GIessen	5035N	00842E	195		990.8	1014.7	17.3		14.9		17	115		5	207	100
10542 BAD HERSFELD	5051N	00944E	273		983.4	1015.0	17.0		15.0		17	125		5	181	80
10544 WASSERKUPPE	5030N	00957E	925		910.7	1503 Y	13.7		13.2		17	193		5	158	75
10548 MEININGEN	5034N	01023E	453		963.0	1015.2	16.7		14.0		17	97			184	85
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		977.5	1014.9	17.3		14.3		18	70		5	195	85
10557 NEUHAUS A.R.	5030N	01108E	851		919.0		14.1		13.4		20	171			152	75
10567 GERA-LEUMNITZ	5053N	01208E	312		978.8	1014.9	17.7		14.8		13	105		5	195	90
10577 CHEMNITZ	5048N	01252E	420		966.6	1015.0	17.5		14.4		12	115		5	210	105
10578 FICHTELBERG	5026N	01257E	1215		880.1	1506 Y	12.4	1.2	12.3	1.6	14	136	24	4	177	93
10582 ZINNWALD-GEORGENFELD	5044N	01345E	882		915.3		14.6		13.5		14	151			189	100
10591 LICHTENHAIN-MITTELNDORF	5056N	01413E	352		978.0	1015.0	18.2		15.7		12	144			208	100
10609 TRIER-PETRISBERG	4945N	00640E	273		983.8	1015.7	17.4	-2	14.4	.3	14	84	14	4	205	91
10628 GEISENHEIM	4959N	00757E	123		1002.2	1015.2	19.0	.4	14.7	.3	9	56	-1	3	226	101
10637 FRANKFURT/M-FLUGHAFEN	5003N	00836E	113		1002.1	1015.3	19.4		15.0		8	66		4	213	95
10648 MICHELSTADT-VIELBRUNN	4943N	00906E	455		963.1	1015.5	17.2		14.5		16	86			197	90
10655 WUERZBURG	4946N	00958E	272		983.9	1015.5	18.7		15.1		13	61		4	209	95

# SURFACE

# JULY 2012

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.
10658 BAD KISSINGEN	5014N	01005E	282		982.4	1015.2	17.6		15.1		18	83		4	219	105
10675 BAMBERG	4953N	01055E	243		987.5	1015.6	18.1		15.1		17	79		4	202	90
10685 HOF	5019N	01153E	568		950.1	1015.0	16.4		13.8		17	86		4	192	90
10688 WEIDEN	4940N	01211E	439		965.4	1015.6	18.0		14.4		14	47		2	189	85
10708 SAARBRUECKEN/ENSHEIM	4913N	00707E	322		978.8	1016.0	17.3		14.5		9	81		4	210	85
10724 WEINBIET	4923N	00807E	557		951.4	1015.3	16.7		13.3		13	51			213	100
10729 MANNHEIM	4931N	00833E	100		1004.8	1016.5	19.7		15.4		15	68		3	193	80
10738 STUTTGART-ECHTERDINGEN	4841N	00914E	396		970.9	1016.0	18.5		15.0		12	68		3	219	90
10742 OEHRINGEN	4913N	00931E	277		984.1	1015.9	18.9		15.4		15	72		3	207	85
10761 WEISSENBURG	4901N	01058E	424		967.3	1015.9	18.9		14.1		11	64		3	212	90
10763 NUERNBERG	4930N	01103E	319		978.8	1015.5	18.8	.5	14.8	.9	12	50	-19	2	220	94
10776 REGENSBURG	4903N	01206E	371		973.0	1015.5	19.0		15.5		10	74		3	199	80
10788 STRAUBING	4850N	01234E	360		974.4	1015.8	18.7		15.5		15	91			202	85
10791 GROSSER ARBER	4907N	01308E	1446		857.0	1514 Y	11.8		12.0		20	168			154	70
10803 FREIBURG	4800N	00751E	300		988.8	1016.4	19.2		15.8		15	93		3	217	95
10805 LAHR	4822N	00750E	157		998.1	1016.5	19.2		15.9		14	110		5	218	80
10836 STOETTEN	4840N	00952E	737		932.3	1016.0	16.2		13.9		15	86		3	221	85
10838 ULM	4823N	00957E	571		950.9	1016.0	17.7		14.3		13	70		2	228	90
10852 AUGSBURG	4826N	01056E	477		961.2	1015.9	17.9		15.2		14	67		2	201	80
10870 MUENCHEN, FLUGHAFEN	4822N	01149E	453		964.7	1015.9	18.5	1.2	15.7	2.0	16	86	-14	2	229	99
10875 MUEHLDORF	4817N	01230E	410		969.1	1015.9	18.5		16.2		16	75		2	203	85
10895 FUERSTENZELL	4833N	01321E	480		961.0	1015.7	18.3		15.8		15	104			213	90
10908 FELDBERG/SCHWARZWALD	4753N	00800E	1493		852.2	1518 Y	10.7		11.0		17	167		4	166	75
10929 KONSTANZ	4741N	00911E	447		965.3	1016.2	19.0	.5	15.4	.3	12	76	-26	2	222	91
10946 KEMPTEN	4743N	01020E	705		936.2	1016.2	16.9		14.3		13	92		1	176	75
10948 OBERSTDORF	4724N	01017E	812		925.3	1523 Y	15.9		14.2		16	151		2	152	75
10961 ZUGSPITZE	4725N	01059E	2962		714.2	3124 Z	3.9	1.7	7.2	.8	18	168	-15	3	160	92
<b>10962 HOHENPEISSENBERG</b>	4748N	01101E	986		905.6	1521 Y	15.7	.7	13.6	1.0	16	80	-81	1	191	83
10980 WENDELSTEIN	4742N	01201E	1835		818.9	1522 Y	10.4		10.5						144	75
<b>AUSTRIA</b>																
11035 WIEN/HOHE WARTE	4815N	01622E	200		990.8	1014.7	21.5		18.1	3.3	17	130	67	5	246	100
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	584		947.9	1015.5	18.3		16.2		18	192		5	190	85
<b>11146 SONNBLICK</b>	4703N	01257E	3111		701.1	3127 Z	4.0		7.4	1.0	20	235	-14	5	125	70
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		964.2	1015.9	19.1		16.8	2.4	15	140	-20	2	154	69
11155 FEUERKOGEL	4749N	01343E	1621		840.1	1523 Y	12.2		11.9		22	224		2	163	90
11212 VILLACHERALPE	4636N	01340E	2160		788.6	1528 Y	10.5		11.0		17	268		5	244	115
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		960.6	1014.8	20.7		16.6	1.8	16	293	177	5	258	102
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		973.2	1014.9	20.5		18.1	2.2	14	211	85	5	253	106
<b>CZECH REPUBLIC</b>																
11423 PRIMDA	4940N	01240E	748		930.8		15.6		14.3		18	100		4	194	85
<b>11464 MILESOVKA</b>	5033N	01356E	836		919.9		16.0		13.9		15	128		5	210	95
11487 KOCELOVICE	4928N	01350E	522		955.7	1015.5	17.5		14.9		15	106		5	213	95
11518 PRAHA/RUZYNE	5006N	01415E	380		973.1	1015.2	18.6	1.5	15.4	1.6	12	112	46	5	207	92

# SURFACE

# JULY 2012

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.
11520 PRAHA-LIBUS	5001N	01427E	303		980.1	1015.2	19.7		15.6		15	98		4	231	105
11603 LIBEREC	5046N	01501E	405		968.8	1015.2	17.8		14.1		15	151		5	213	115
11659 PRIBYSLAV	4935N	01546E	536		953.8	1015.1	18.0		16.3		14	107		5	210	100
11723 BRNO/TURANY	4909N	01642E	246		986.6	1015.0	20.9	2.4	16.2	2.0	16	52	-12	2	213	91
11782 OSTRAVA/MOSNOV	4941N	01807E	260		985.8	1015.0	20.1	2.3	16.9	2.3	11	68	-23	2	217	100
<b>SLOVAKIA</b>																
11826 PIESTANY	4837N	01750E	164		996.2	1012.6	21.7		17.0		10	99		5	250	099
11858 HURBANOVO	4752N	01812E	124		1000.5	1014.1	23.0	2.8	16.8	1.4	14	87	37	5	269	104
11903 SLIAC	4839N	01909E	315		978.7	1015.5	21.0	2.9	16.8	2.5	15	108	50	5	255	109
11934 POPRAD/TATRY	4904N	02015E	696		935.1		17.9	2.4	15.5	2.8	19	144	76	6	213	96
<b>POLAND</b>																
12120 LEBA	5445N	01732E	6		1013.0	1013.4	17.2		16.5		16	188		5	249	
12160 ELBLAG	5410N	01926E	43		1008.6	1013.7	18.9		16.3		14	90		3	268	130
12205 SZCZECIN	5324N	01437E	7		1012.9	1013.7	18.3	.6	16.6	1.6	15	115	54	5	211	100
12295 BIALYSTOK	5306N	02310E	151		996.7	1014.3	19.4	2.1	17.1	2.2	13	89	9	4	291	130
12330 POZNAN	5225N	01651E	84		1004.0	1014.4	19.7	1.7	17.0	2.9	13	140	71	5	271	124
12375 WARSZAWA-OKECIE	5210N	02058E	106		1001.8	1014.3	21.1	3.1	16.2	1.4	10	73	4	3	378	165
12424 WROCLAW II	5106N	01653E	124		1000.2	1014.8	20.0	2.3	16.5	1.6	13	106	22	4	272	133
12497 WLODAWA	5133N	02332E	179		993.9	1014.8	21.6		16.8		8	31		1	305	125
12566 KRAKOW	5005N	01948E	237		987.0	1015.1	20.2	2.7	16.7	1.8	9	64	-21	2		
<b>HUNGARY</b>																
12843 BUDAPEST/PESTSZENTLORINC	4726N	01911E	139		998.0	1014.2	24.1	3.3	16.3	1.2	9	83	31	4	324	118
12882 DEBRECEN	4729N	02136E	109		1001.4	1013.9	23.9	3.6	18.5	2.4	6	44	-21	2	341	121
12942 PECS/POGANY	4600N	01814E	203		991.0	1014.3	24.1	3.6	16.1	.6	4	31	-30	1	342	117
12982 SZEGED	4615N	02006E	83		1004.4	1014.0	24.4	3.6	17.0	1.0	4	43	-7	3	361	126
<b>SERBIA AND MONTENEGRO</b>																
13274 BEOGRAD	4448N	02028E	132		998.6	1013.6	26.7	5.0	17.0	.8	4	39	-27	3	348	123
13388 NIS	4320N	02154E	202		989.8	1017.0	26.2		17.1		4	38		3	324	110
<b>SLOVENIA</b>																
14008 KREDARICA	4623N	01351E	2515		754.7	3133 Z	7.7		8.6		16	298		5	176	90
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	299		980.5	1014.4	22.7		17.5		10	113		3	292	110
<b>CROATIA</b>																
14236 ZAGREB/GRIC	4549N	01559E	162		995.2	1013.8	24.8		17.5		7	40		1	310	115
14445 SPLIT/MARJAN	4331N	01626E	128		997.5	1011.9	29.2		18.2		3	6		2	375	105
<b>BOSNIA AND HERZEGOVINA</b>																

# SURFACE

# JULY 2012

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.
14648 MOSTAR	4321N	01748E	108		1001.2	1012.3	28.6		18.8		2	15		1	373	125
<b>14652 BJELASNICA</b>	4343N	01816E	2070		799.1	1523 Y	13.7		10.9		8	74		3	283	80
14654 SARAJEVO-BJELAVE	4352N	01826E	638		943.0	1013.1	23.2	4.3	14.0	.1	6	37	-43	1	295	115
<b>ROMANIA</b>																
15023 SUCEAVA	4738N	02615E	352		972.6	1013.1	22.7		16.7		7	49		1	323	130
<b>15085 BISTRITA</b>	4709N	02431E	367		971.5	1013.4	23.9	5.6	15.9	.2	5	16	-71	0	359	139
15090 IASI	4710N	02738E	104		1005.3	1014.0	26.3	5.8	16.5	-5	4	22	-61	1	334	123
15120 CLUJ-NAPOCA	4647N	02334E	414		967.0	1014.0	23.3	5.1	16.9	1.5	9	65	-16	2	295	108
15247 TIMISOARA	4546N	02115E	88		1003.2	1013.2	25.3	4.2	17.3	.7	5	89	25	5	300	100
15260 SIBIU	4548N	02409E	444		963.2	1013.6	24.5	5.8	15.5	-6	5	41	-45	1	313	128
<b>15280 VARFU OMU</b>	4527N	02527E	2509		757.1	3153 Z	10.4	5.3	8.4	.3	7	61	-83	1	310	209
15292 CARANSEBES	4525N	02215E	242		986.0	1013.8	24.8		17.0		5	52		2	328	120
15310 GALATI	4529N	02802E	71		1005.2	1013.3	27.1	5.1	17.3	-1	4	49	3	4	334	109
15350 BUZAU	4509N	02649E	97		1002.1	1013.3	27.2		16.6		3	50		2	396	135
<b>15360 SULINA</b>	4510N	02944E	9		1011.2	1012.5	25.8	3.8	23.4	2.3	3	15	-11	2	371	120
15420 BUCURESTI BANEASA	4430N	02608E	91		1002.2	1012.7	26.6	4.6	18.7	1.0	2	26	-38	2	342	118
15450 CRAIOVA	4419N	02352E	195		990.4	1012.4	27.2	5.3	15.8	-2.0	3	26	-29	1	327	103
15480 CONSTANTA	4413N	02839E	14		1011.3	1012.9	26.1	4.1	22.7	2.9	1	3	-27	1	373	117
<b>BULGARIA</b>																
15502 VIDIN	4359N	02251E	595		1009.0	1012.7	26.4		19.6		7	39		3	366	115
15552 VARNA	4312N	02757E	43		1007.6	1012.2	25.8	3.8	22.7	3.5	1	15	-22	2	381	135
15614 SOFIA (OBSERV.)	4239N	02323E	595		946.3	1012.2	25.0	5.2	15.3	.9	3	41	-15	3	372	130
15730 KURDJALI	4139N	02523E	331		974.6	1011.2	26.3		19.8		0	1		1	331	105
<b>ITALY</b>																
16008 S. VALENTINO ALLA MUTA	4645N	01032E	1461		855.2	1512 Y	15.6		12.4		5	14	-69	0		
16022 PAGANELLA	4609N	01102E	2129		790.2	1517 Y	11.5		10.4		15	177	82	5	243	
16033 DOBBIACO	4644N	01213E	1226		880.2	1523 Y			14.1		17	176	67	5		
16052 PIAN ROSA	4554N	00742E	3488		669.7	3130 Z	1.7		4.3		1	5		6	227	92
16061 BRIC DELLA CROCE	4502N	00743E	710		933.5		21.5		21.0		4	37	-9	3	282	123
16088 BRESCIA/GHEDI	4525N	01017E	97		1001.9	1013.0			22.5		6	32	-40	2		
<b>16110 TRIESTE</b>	4539N	01345E	4		1012.3	1012.7	26.2		19.9		3	35	-36	1	317	110
<b>16134 MONTE CIMONE</b>	4411N	01042E	2173		787.2	1525 Y	13.4		9.4		4	80	29	5	275	120
16148 CERVIA	4413N	01218E	10		1011.6	1013.0	25.8		22.8		2	46	-25	3	341	
16153 CAPO MELE	4357N	00811E	221		988.2	1014.0	23.3		20.0		1	2	-9	2	340	116
16158 PISA/S. GIUSTO	4341N	01023E	6		1013.3	1014.0	24.1		20.8		0	T	-24	1	332	105
16179 FRONTONE	4331N	01244E	574		948.3		25.9		14.7		4	32	-33	2		
16206 GROSSETO	4244N	01103E	7		1012.9	1014.0	26.2		23.4		1	2	-18	2		
16219 MONTE TERMINILLO	4228N	01259E	1875		816.9	1537 Y			12.8		0	T	-55	1	298	108
16224 VIGNA DI VALLE	4205N	01213E	266		982.2	1012.0	25.2		18.3		01	1	-18	1	355	105
<b>16232 TERMOLI</b>	4200N	01500E	44		1006.9	1012.0	28.5		28.1		3	39	15	5	336	110
16245 PRATICA DI MARE	4139N	01227E	21		1011.1	1014.0	25.5		23.3		2	14	3	4		

# SURFACE

# JULY 2012

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.
16252 CAMPOBASSO	4134N	01439E	807		924.1		24.5		14.8		3	55	20	5	326	119
16253 GRAZZANISE	4103N	01404E	10		1012.6	1014.0	26.1		24.6		3	39	21	5	329	105
16258 MONTE S. ANGELO	4142N	01557E	848		918.0		22.9		12.7		2	8	-35	1		
16280 PONZA	4055N	01257E	185		992.4	1014.0	26.0		27.3		3	9	-1	4	337	
16310 CAPO PALINURO	4001N	01516E	185		991.3	1012.0	25.9		21.0		0	T	-14	1	343	103
16325 MARINA DI GINOSA	4026N	01653E	12		1010.4	1012.0	27.8		21.7		1	5	-10	3		
16344 MONTE SCURO	3920N	01624E	1677		835.2	1527 Y	18.5		12.0		2	38	17	4	325	
16360 S. MARIA DI LEUCA	3949N	01821E	112		998.7	1011.0	27.7		22.3		1	2	-15	2	380	
16400 USTICA	3842N	01311E	243		986.7	1014.0	26.8		28.0		1	9	6	5	335	97
16420 MESSINA	3812N	01533E	54		1007.1	1013.0	27.8		24.7		2	13	-6	3	333	101
16429 TRAPANI BIRGI	3755N	01230E	9		1013.1	1014.0	26.6		24.8		1	17	15	6	330	95
16450 ENNA	3734N	01417E	1001		907.7	1574 Y	25.5		16.3		1	17		5		
16459 CATANIA SIGONELLA	3724N	01455E	29		1009.6	1013.0	27.2		20.3		1	4	2	5		
16480 COZZO SPADARO	3641N	01508E	51		1005.5	1011.0	27.0		24.6		0	T	-2	3	356	
16522 CAPO CACCIA	4034N	00810E	204		991.7	1015.0	23.9		22.6		1	7		0	341	95
16546 DECIMOMANNU	3921N	00858E	24		1011.4	1014.0	27.1		20.7		1	2	-1	4		
<b>16550 CAPO BELLAVISTA</b>	3955N	00942E	150		995.9	1013.0	26.2		24.3		1	29	26	6	347	
<b>MALTA</b>																
<b>16597 LUQA</b>	3551N	01429E	91		1005.5	1013.7	28.5	2.6	22.8	.8	0	T	-1	4	378	100
<b>GREECE</b>																
16622 THESSALONIKI (AIRPORT)	4031N	02258E	8		1011.0	1011.1	30.6	4.1	17.2	-1.1	0	T	-25	1	384	118
<b>16641 KERKYRA (AIRPORT)</b>	3937N	01955E	4		1010.0	1010.4	30.1	3.7	28.8	9.1	0	0	-7	2	375	103
16648 LARISSA (AIRPORT)	3938N	02225E	74		1002.8	1010.9	31.1	4.0	13.5	-2.5	0	T	-20	1	382	113
16716 ATHINAI (AIRPORT)	3754N	02344E	28		1008.4	1010.1	31.2	3.4	19.4	1.5	0	0	-5	3	397	109
<b>16723 SAMOS (AIRPORT)</b>	3742N	02655E	7		1005.3	1006.8	31.4	3.0	23.0	6.5	0	0	-1	0		
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1009.3	1009.9	29.1	2.6	19.1	-5	0	0	-3	2	327	92
<b>16734 METHONI</b>	3650N	02142E	34		1004.7	1010.6	27.1	2.2	23.3	.2	0	0	-1	4	385	105
<b>16746 SOUDA (AIRPORT)</b>	3529N	02407E	151		992.3	1009.4	29.1	2.7	19.2	2.0	0	0	-1	0	408	109
<b>TURKEY</b>																
17022 ZONGULDAK	4127N	03148E	137		995.9	1011.4	23.7	2.2	23.7	5.2	2	31	-49	2	348	105
17030 SAMSUN	4117N	03618E	4		1010.0	1010.6	24.8	2.1	21.5	1.0	6	167	139	6	269	110
17034 GIRESUN	4055N	03823E	37		1006.4	1011.0	25.2	2.8	21.4	.4	8	113	38	4		
<b>17040 RIZE</b>	4102N	04031E	9		1009.4	1010.6	25.2	3.0	22.1	.9	6	105	-30	2	256	165
17050 EDIRNE	4140N	02634E	51		1006.0	1011.7	28.7	4.5	18.6	2.2	1	2	-24	0	400	120
<b>17062 ISTANBUL/GOZTEPE</b>	4058N	02905E	33		1008.6	1010.7	27.4	4.2	22.8	3.1	1	2	-17	2		
<b>17074 KASTAMONU</b>	4122N	03347E	800		921.9	1010.1	21.8	2.1	14.1	.7	6	50	17	5		
17084 CORUM	4033N	03457E	776		923.8	1009.4	21.9	1.3	14.2	1.3		47	28	5	298	95
<b>17090 SIVAS</b>	3945N	03701E	1285		869.4	1005.6	21.4	1.7	10.5	-1.1	1	13	4	4	337	85
17092 ERZINCAN	3942N	03931E	1154		875.3	1002.8	24.4	.8	10.7	-2.0	2	20	10	5	301	80
17096 ERZURUM	3957N	04110E	1758		822.4	1004.6	19.0	-5	10.7	-8	3	20	-7	3	307	85
17098 KARS	4033N	04305E	1795		822.1	1004.9	18.0	.7	12.1	-7	14	99	50	5	265	80

## SURFACE

JULY 2012

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.
17112 CANAKKALE	4008N	02624E	6		1010.2	1010.5	28.2	3.7	22.3	2.5					381	100
17116 BURSA	4011N	02904E	100		998.5	1009.9	26.7	2.6	19.9	2.4	1	7	-9	3		
17130 ANKARA/CENTRAL	3957N	03253E	891		911.0	1006.7	26.7	3.8	11.9	.0	2	5	-8	2	289	75
17155 KUTAHYA	3925N	02958E	969		903.4	1008.3	23.2		13.9		2	30		5	349	110
<b>17170 VAN</b>	3827N	04319E	1669		829.4	1000.6	21.7	-2	10.9	-8	1	3	-1	4	277	70
17188 USAK	3841N	02924E	919		907.3	1006.1	25.8	2.7	12.9	-1.7	0	T	-17	2		
17190 AFYON	3845N	03032E	1034		895.6	1006.4	24.6	2.9	12.9	.7	4	15	-1	4	369	100
17199 MALATYA/BOLGE	3821N	03819E	948		901.3	1001.4	28.1		8.7		1	2		4	331	80
17210 SIIRT	3755N	04157E	896		904.9	998.6	31.0	.6	9.0	-1.8	2	6	5	5	340	85
17220 IZMIR/GUZELYALI	3826N	02710E	29		1004.8	1007.5	30.1	2.6	1.9	-16.7					379	100
<b>17240 ISPARTA</b>	3745N	03033E	997		898.6	1005.1	25.4	2.2	13.1	.8	0	T	-11	1	329	85
17244 KONYA	3758N	03233E	1032		895.3	1005.1	25.9	2.6	9.9	-2.2	1	1	-6	2		
17250 NIGDE	3758N	03441E	1210		876.6	1005.0	24.5	2.5	9.8	-1.4	2	2	-3	3	360	95
17255 KAHRAMANMARAS	3736N	03656E	572		939.6	1001.1	30.2	2.3	14.3	-3.5	1	2	0	5	301	95
17270 SANLIURFA	3708N	03846E	549		940.9	999.6	33.3	1.8	9.1	-3.4	0	0	-2	5	371	95
17280 DIYARBAKIR	3753N	04012E	687		927.4	999.1	31.3	.2	9.2	-3.0	1	2	1	5	201	50
17285 HAKKARI	3734N	04346E	1728		823.4	1009.4	24.7	.0	8.3	-2.6	1	8	5	5		
17292 MUGLA	3713N	02822E	646		934.9	1004.7	29.4	3.5	14.8	1.0					349	95
17300 ANTALYA	3652N	03044E	64		999.5	1004.8	30.2	2.1	21.9	.7						
17340 MERSIN	3648N	03438E	3		1003.9	1004.7	30.0	2.6	27.0	-1.1					310	100
17351 ADANA/BOLGE	3659N	03521E	27		1001.5	1004.7	28.9		22.8		1	14		5	200	60
<b>CYPRUS</b>																
17609 LARNACA AIRPORT	3453N	03338E	2		1004.0	1004.3	29.3	2.7	26.4		0	0	0		392	101
<b>RUSSIAN FEDERATION (EUROPE)</b>																
22113 MURMANSK	6858N	03303E	51		1002.6	1008.6	12.3	-.3	10.8	.2	17	74	13	4	223	94
<b>22165 KANIN NOS</b>	6839N	04318E	49		1003.5	1009.5	9.9	.9	10.6	.6	8	54	19	5	196	85
<b>22217 KANDALAKSHA</b>	6709N	03221E	25		1005.7	1008.8	14.0	-.4	12.2	.3	14	72	6	5	231	83
22235 KRASNOSCEL'E	6721N	03703E	156		990.3	1008.9	12.8		11.6		13	97			178	65
22471 MEZEN'	6552N	04413E	19		1007.9	1010.2	15.2		13.4		16	115		5	283	100
22520 KEM'-PORT	6459N	03448E	8		1008.2	1009.1	15.5		13.8		14	150		5	270	90
<b>22550 ARHANGEL'SK</b>	6433N	04035E	4		1009.8	1010.7	16.6	.9	14.2	.9	12	140	79	5	272	90
22619 PADANY	6316N	03325E	128		995.0	1010.2	16.8		14.1		13	79		4	290	
22641 ONEGA	6354N	03807E	13		1009.0	1010.5	17.1	.9	14.4	1.2	15	151	88	6	299	97
22676 SURA	6335N	04538E	62		1003.9	1011.2	16.6		14.3		16	149		5		
22768 SHENKURSK	6206N	04254E	45		1006.6	1011.9	18.4		14.1		6	29		1	335	115
<b>22802 SORTAVALA</b>	6143N	03043E	19		1009.1	1011.3	17.4	.9	15.9	2.2	10	152	96	6	275	92
22820 PETROZAVODSK	6149N	03416E	110		998.2	1011.0	17.4	1.4	15.0	1.8	15	82	12	4	304	106
<b>22837 VYTEGRA</b>	6101N	03627E	56		1005.5	1012.1	18.1	1.5	15.2	1.1	16	84	16	4	277	96
<b>26063 ST.PETERSBURG (VOEJKOVO)</b>	5958N	03018E	6		1011.4	1012.1	19.5	1.8	16.0	1.5	13	66	-11	3	248	93
26157 GDOV	5844N	02750E	40		1007.9	1012.6	18.7		21.5		9	48			287	
26275 STARAYA RUSSA	5801N	03119E	25		1010.5	1013.4	19.4		16.5		6	36			326	110
26359 PUSKINSKIE GORY	5701N	02854E	108		1001.5	1014.2	19.5		16.3		7	46				
<b>26781 SMOLENSK</b>	5445N	03204E	239		987.2	1014.7	19.4	2.6	16.6	1.7	6	24	-71		342	132

# SURFACE

# JULY 2012

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.
26997 TRUBCHEVSK	5235N	03346E	178		994.7	1015.3	20.9		17.1		6	38		1		
27037 VOLOGDA	5919N	03955E	130		998.5	1013.8	18.1	1.1	15.3	.5	8	40	-37	1	322	118
<b>27051 TOT'MA</b>	5953N	04245E	134		997.6	1013.3	18.0	1.3	15.6	1.3	10	129	49	5		
27333 KOSTROMA	5744N	04047E	126		999.3	1014.0	19.3	1.4	16.2	1.3	7	33	-49	1	287	102
27459 NIZHNIJ NOVGOROD	5616N	04400E	157		995.9	1014.2	20.6		15.3		9	72		3	339	120
<b>27595 KAZAN'</b>	5536N	04917E	116		1000.2	1013.9	21.6	2.0	14.7	-.7	5	48	-20	1	361	124
<b>27612 MOSKVA</b>	5550N	03737E	156		996.7	1014.8	20.9	2.7	17.4	2.5	7	52	-41			
<b>27648 ELAT'MA</b>	5457N	04146E	136		998.9	1014.7	20.1	1.6	16.2	.7	10	74	-11	3	304	108
27675 PORETSKOE	5511N	04620E	136		998.4	1014.3	19.9		16.0		9	64		3	344	120
27707 SUHINICHI	5406N	03521E	238		987.4	1015.0	19.9		16.8		7	43				
27823 PAVELETS	5347N	03915E	209		990.8	1015.0	20.6	2.4	15.4	.5	9	50	-25	2	342	127
27857 ZAMETCHINO	5329N	04238E	131		999.5	1014.7	20.7		15.7		6	53		3	339	120
27995 SAMARA (BEZENCHUK)	5259N	04926E	46		1008.8	1014.1	22.4		15.9		6	40		3	344	115
34110 BOGORODITSKOE-FENINO	5110N	03721E	226		988.7	1014.8	21.6		16.2		6	68		3	372	
34123 VORONEZ	5142N	03913E	149		997.4	1014.5	22.1		17.2		3	64		3		
34152 BALASHOV	5133N	04309E	159		995.9	1014.2	22.2		15.9		6	92		5		
<b>34163 OKTJABR'SKIJ GORODOK</b>	5138N	04527E	201		991.0	1014.0	22.6		1.4		3	67		4	346	113
34186 ERSHOV	5122N	04818E	111		1000.8	1013.6	23.8		13.7		7	37		3	331	100
34579 VERHNIJ BASKUNCHAK	4813N	04644E	34		1008.0	1012.0	26.4		14.5		7	54		5		
34720 TAGANROG	4712N	03854E	32		1008.8	1012.5	26.3		18.2		2	6			360	
34740 GIGANT	4631N	04121E	79		1002.9	1011.8	25.5		16.4		4	49			324	
<b>34866 YASHKUL'</b>	4611N	04521E	-7		1012.0	1011.2	27.0	1.4	16.1	.3	5	39	9			
34927 KRASNODAR-KRUGLIK	4503N	03902E	29		1007.7	1011.1	25.8		18.1		8	83		5	318	105
34949 STAVROPOL'	4507N	04205E	452		960.4	1011.3	27.0		16.2		7	83			322	
37001 ANAPA	4453N	03717E	32		1006.9	1010.6	25.9		19.2		2	21		3	355	105
37061 BUDENNOVSK	4447N	04408E	136		995.7	1011.1	25.3		18.0		5	56			324	
37107 KRASNAYA POLYANA	4341N	04012E	569		946.5	1009.9	22.0		18.3		4	35		1	295	125
37126 SHADZHATMAZ	4344N	04240E	2056		796.2	1505 Y	11.8		12.0		15	133		1	223	
37228 VLADIKAVKAZ	4303N	04439E	703		932.6	1010.8	20.4		18.2		13	163		4	205	
37470 DERBENT	4204N	04818E	-18		1012.8	1010.5	25.9		21.3		2	60		5	285	105
37472 MAHACHKALA	4250N	04733E	32		1012.9	1010.7	24.7	-1	22.5	2.1	6	13	-13	2	305	108
37663 AH TY	4128N	04745E	1015		899.4	1018.0	20.2		16.0		6	88		6	265	100
<b>ARMENIA</b>																
37789 YEREVAN/YEREVAN-ARABKIR	4008N	04428E	1140		886.4		24.9	-1.1	16.4	2.1	4	37	27	5	349	102
<b>AZERBAIJAN</b>																
37661 SHAKI	4113N	04710E	641		938.4	1010.3	23.7	-.3	14.9	-1.7	9	134	73			
37735 GANDJA	4043N	04625E	311		974.6	1009.5	25.7	.3			4	34	11		295	
37747 EVLAKH AIRPORT	4037N	04709E	15		1009.2	1010.9	28.4	.6	19.9	1.3	6	65	43			
37860 MASHTAGA	4032N	05000E	28		1008.7	1011.9	25.8	1.8	24.2	3.4	2	1	-1		304	98
<b>37989 ASTARA</b>	3827N	04853E	-22		1014.7	1012.2	26.0	1.8								
<b>BELARUS</b>																

# SURFACE

# JULY 2012

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.
26554 VERHNEDVINSK	5549N	02757E	132		998.6	1014.1	19.2		16.8		13	58		2	296	
26666 VITEBSK	5510N	03013E	176		994.2	1014.5	20.7	3.6	16.8	2.2	8	47	-45	1		
26825 GRODNO	5336N	02403E	134		996.8	1013.9	20.5		16.5		13	61		2		
26850 MINSK	5356N	02738E	231		987.9	1014.6	21.0	3.7	15.7	1.7	9	72	-16	3	309	120
26863 MOGILEV	5357N	03004E	192		992.3	1014.6	20.0	2.7	16.5	2.0	5	26	-59	0		
26941 BARANOVICHI	5307N	02600E	193		992.5	1014.9	21.1		16.2		8	60		2		
26951 SLUTSK	5302N	02733E	162		996.1	1014.9	20.9		17.2		8	32		1		
33008 BREST	5207N	02341E	146		998.1	1014.8	21.8	3.8	15.4	.9	14	77	-3	3	283	109
33019 PINSK	5207N	02607E	142		998.6	1015.1	21.9		17.5		5	58		2	335	125
33036 MOZYR	5157N	02910E	190		993.3	1015.1	22.0		16.8		10	87		3		
<b>33038 VASILEVICHI</b>	5215N	02950E	142		998.6	1015.2	21.1	3.0	17.6	2.6	9	58	-30	1	344	127
33041 GOMEL	5224N	03057E	126		1000.6	1015.1	22.2	3.8	17.2	2.3	9	112	30	4	332	127
<b>ESTONIA</b>																
26038 TALLINN	5923N	02435E	34		1007.5	1011.4	17.7	1.4	15.6	1.4	10	121	42	5	268	96
26214 VILSANDI	5823N	02149E	6		1010.8	1011.5	17.6	1.4	16.4	1.6	8	52	1	3	285	94
<b>26242 TARTU</b>	5818N	02644E	68		1004.5	1012.5	18.3	1.8	15.1	1.0	9	69	-2	3	275	104
<b>GEORGIA</b>																
37279 ZUGDIDI	4231N	04153E	118		996.6	1009.9	24.6		25.0		5	85		0		
37395 KUTAISI	4216N	04238E	114		997.3	1010.6	25.5		20.2		6	59		0		
37432 PASANAURI	4221N	04442E	1070		894.4	1015.5	15.7		16.4							
37545 TBILISI	4145N	04446E	427		961.6	1009.4	24.6		21.7		8	100		0		
37621 BOLNISI	4127N	04433E	534		945.0	1009.5	24.6		18.6			52		1		
<b>KAZAKHSTAN</b>																
34398 ZHALPAKTAL	4940N	04929E	10		1010.9	1012.1	25.6	1.5	15.2	1.6	6	33	11		364	114
34691 NOVYJ USHTOGAN	4754N	04848E	-10		1012.4	1011.3	27.0		14.1		7	52				
<b>LATVIA</b>																
26346 ALUKSNE	5726N	02702E	193		989.9	1013.2	18.1		14.9		10	70			294	110
<b>26406 LIEPAJA</b>	5629N	02101E	7		1012.2	1012.8	18.1	1.7	16.2	2.2	11	74	0		271	97
26544 DAUGAVPILS	5552N	02637E	122		999.4	1013.9	18.9	2.0	16.3	2.3	12	80	-3		295	116
<b>LITHUANIA</b>																
26509 KLAIPEDA	5544N	02104E	7		1012.2	1013.1	18.7	2.1	17.0	1.9	13	102	28	4	272	99
26524 SIAULIAI	5556N	02319E	107		1000.7	1013.3	19.0	2.3	16.8	2.6	18	136	62	5		
26629 KAUNAS	5453N	02350E	77		1004.7	1013.8	19.4	2.5	17.6	2.8	3				282	110
26730 VILNIUS	5438N	02506E	162		996.1	1014.3	19.5	2.6	16.9	2.9	15	81	3	3	285	130
<b>REPUBLIC OF MOLDOVA</b>																
33748 CORNESTI	4720N	02805E	232		986.5	1012.9	25.7		14.8		9	53		2		



# SURFACE

# JULY 2012

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.
33815 CHISINAU	4701N	02859E	173		993.5	1012.8	26.0	5.1	15.4	-1	10	89	20	5	369	123
33829 TIRASPOL	4654N	02936E	40		1009.2	1013.8	27.8		17.7		6	70		4	375	125
33883 KOMRAT	4618N	02838E	133		997.4	1012.9	26.7		15.1		5	34		2		
<b>UKRAINE</b>																
33177 VOLODYMYR-VOLYNS'KYI	5050N	02419E	194		992.6	1015.2	21.4		17.3		9	37		1		
33275 SUMY	5051N	03440E	181		993.9	1014.9	22.5	3.4	16.3		7	73	-4	3		
33301 RIVNE	5035N	02608E	231		988.6	1015.1	22.0	4.3	16.6		10	99	15	4		
33345 KIEV	5024N	03034E	167		995.8	1015.0	23.7	4.4	16.6	1.1	7	36	-52	1		
<b>33377 LUBNY</b>	5000N	03301E	158		996.2	1014.4	23.7	4.0	16.3		7	88	13	3		
33393 L'VIV	4949N	02357E	323		977.9	1014.9	21.4	4.1	17.3	2.6	10	62	-40	2	274	108
33415 TERNOPIL'	4932N	02540E	329		977.4	1015.0	21.4	4.1	16.6		7	81	-11	3		
33429 KHMEL'NYTS'KYI	4926N	02659E	350		975.0	1015.0	21.8	3.8	17.1		8	51	-56	1		
33506 POLTAVA	4936N	03433E	160		995.9	1014.2	24.4	4.3	15.8	.7	7	49	-22	2		
33526 IVANO-FRANKIVS'K	4858N	02424E	280		982.9	1015.1	21.3	3.4	17.0		7	102	-1	3		
33562 VINNYTSIA	4914N	02836E	298		980.7	1014.7	22.5	4.3	16.3	1.2	10	54	-39	1	346	130
<b>33587 UMAN'</b>	4846N	03014E	216		989.5	1014.2	23.4	4.5	16.9	1.3	6	69	-18	2		
33631 UZHGOROD	4838N	02216E	124		1001.0	1014.5	22.8	2.9	18.4	3.1	10	111	26	5	321	117
33658 CHERNIVTSI	4822N	02554E	246		986.8	1015.0	23.2	4.5	16.4	1.1	6	52	-51	1	329	133
33711 KIROVOHRAD	4831N	03212E	171		994.5	1014.1	24.3	4.3	16.4		7	60	-12	2		
33761 LIUBASHIVKA	4751N	03016E	183		992.8	1013.7	24.8	4.8	16.3		2	27	-54	1		
33777 VOZNESENS'K	4734N	03120E	34		1009.7	1013.6	26.4		17.2		4	67		4		
33791 KRYVYI RIH	4802N	03313E	124		999.2	1013.2	25.6	4.5	15.4		7	61	7	3	362	120
33837 ODESA	4626N	03046E	42		1008.5	1013.3	25.7	4.2	20.5	3.5	4	66	17	4	379	121
33889 IZMAIL	4522N	02851E	30		1010.1	1013.6	26.5	4.7	19.9	3.1	4	64	13	5	389	125
33902 KHERSON	4638N	03234E	54		1006.2	1012.4	26.6	4.7	16.4		3	40	-9	3	363	110
<b>33915 ASKANIIA-NOVA</b>	4627N	03353E	30		1009.1	1012.5	26.3	4.0	15.5	.3	3	22	-20	2	370	117
33946 SIMFEROPOL'	4441N	03408E	181		991.4	1011.9	25.3	3.9	16.8	1.1	4	28	-27	2	384	113
<b>33998 AI-PETRI</b>	4426N	03405E	1180		883.5		18.8	3.7	13.9		5	54	-1	5	341	105
34300 KHARKIV	4958N	03608E	155		996.5	1014.3	24.7	4.4	14.8	-4	4	19	-41	1	380	139
34415 IZIUM	4911N	03718E	78		1005.0	1014.0	24.1		16.7		4	54		3		
34504 DNIPROPETROVS'K	4836N	03458E	143		996.7	1013.4	25.5	4.3	16.6		5	70	14	3	336	110
34519 DONETS'K	4804N	03746E	225		987.2	1012.9	24.3	3.5	14.2		4	71	23	4		
34523 LUHANS'K	4834N	03915E	62		1006.5	1013.6	24.9	3.2	15.8		5	28	-23	2	351	115
34712 MARIUPOL'	4702N	03730E	70		1004.5	1012.5	25.5		18.1		3	19		1		
<b>SYRIAN ARAB REPUBLIC</b>																
40007 ALEPPO INT. AEROPORT	3611N	03712E	393		959.2	1001.2	31.0	2.7	14.8	-1.2		0	-1			
40030 HAMA	3507N	03645E	303		968.4	1001.8	30.6	2.4	16.4	2.7	0	0	-1		121	31
<b>40061 PALMYRA</b>	3433N	03818E	408		956.6	1000.3	31.4	2.0	14.4	1.3	1	1	1			
40080 DAMASCUS INT. AIRPORT	3325N	03631E	609		935.7	1001.6	29.4	3.1	14.5	1.3						
<b>ISRAEL</b>																
40179 BET DAGAN	3200N	03449E	35		1001.9	1005.4	28.9	3.8	27.3		0	0		5	357	97

# SURFACE

# JULY 2012

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.
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1000.9	1005.6	28.7		25.2		0	0		5		
40199 EILAT	2933N	03457E	12		1001.1	1003.2	35.5	3.1	15.0		0	0		5	363	95
<b>JORDAN</b>																
40250 H-4 'IRWAISHED'	3230N	03812E	683		928.5	1000.6	30.8		18.9		0	0		2	386	100
40265 MAFRAQ	3222N	03615E	683		933.1	1008.4	25.5		13.7		0	0		0	358	
40296 GHOR SAFI	3102N	03528E	-350		1047.8	1007.8	33.5		19.9		0	0			335	
40310 MA'AN	3010N	03547E	1069		890.3	1481 Y	26.5	1.0	10.2	-1.4	0	0	0	0	353	92
<b>ASIA</b>																
<b>RUSSIAN FEDERATION (ASIA)</b>																
20046 POLARGMO IM. E.T. KRENKELJA	8037N	05803E	22		1004.9	1008.0	1.0	.2	6.2	.3	7	20	-5		92	54
20069 OSTROV VIZE	7930N	07659E	10		1005.5	1006.8	2.1	1.6	6.8	.8	7	26	2	4	69	56
20087 OSTROV GOLOMJANNYJ	7933N	09037E	8		1005.2	1006.2	1.0		6.4		13	148		6	93	60
20292 GMO IM.E.K. FEDOROVA	7743N	10410E	15		1004.9	1006.8	2.3	1.0			8	43	13	0	140	87
20476 MYS STERLEGOVA	7525N	08854E	11		1006.1	1007.4	6.9		9.1		11	48				
20667 IM. M.V. POPOVA	7320N	07003E	7		1006.7	1007.4	7.5		9.6		12	102			155	
20674 OSTROV DIKSON	7330N	08024E	47		1001.3	1007.0	8.7	4.3	1.0	-6.7	9	55	17	5	155	69
20744 MALYE KARMAKULY	7222N	05242E	15		1006.8	1008.5	8.8	1.9	9.4	1.2	13	38	-3		151	66
20891 HATANGA	7159N	10220E	33		1003.9	1007.8	15.2	2.7	12.1	2.3	4	23	-9	2	356	116
20982 VOLOCHANKA	7058N	09430E	40		1003.6	1008.4	14.9		13.6		12	65		6	240	
21432 OSTROV KOTEL'NYJ	7600N	13750E	8		1005.4	1007.3	3.8	1.3	7.3	.5	8	47	16		132	79
21802 SASKYLAH	7158N	11400E	18		1006.9	1024.8	14.8		9.4		13	2			186	
21908 DZALINDA	7008N	11350E	62		1001.6	1008.9	16.9		11.3		8	23			374	110
21921 KJUSJUR	7041N	12720E	33		1005.5	1009.6	14.1		11.2		8	42				
21931 JUBILEJNAJA	7046N	13610E	24		1006.9	1009.9	11.8		1.0		7	31			260	90
21946 CHOKURDAH	7037N	14750E	61		1002.2	1009.6	9.3	-2	9.9	.8	6	18	-19		211	79
21982 OSTROV VRANGELJA	7059N	17820E	5		1005.9	1008.5	3.1	.6	7.0	.5	6	21	-1		241	107
23022 AMDERMA	6945N	06142E	49		1003.5	1009.3	10.9		11.3		12	87			219	
23032 MARESALE	6943N	06648E	25		1005.8	1008.7	10.6		11.6		11	60			181	25
23058 ANTIPAJUTA	6905N	07651E	3		1008.4	1008.8	13.8		13.1		15	133				
23074 DUDINKA	6924N	08610E	19		1006.4	1008.7	15.4	1.6	14.4	3.3	12	73	28	4	261	85
23205 NAR'JAN-MAR	6738N	05302E	12		1008.6	1010.0	13.5	.2	11.1	-1	12	91	43	5	223	84
23242 NOVYJ PORT	6741N	07253E	12		1007.4	1008.9	14.3		13.5		8	23			243	35
23256 TAZOVSKOE	6728N	07844E	8		1006.0	1009.3	16.0		14.6		11	104			258	
23274 IGARKA	6728N	08634E	31		1006.1	1009.5	17.1		14.3		9	71		4	326	100
23324 PETRUN'	6626N	06046E	62		1003.5	1010.9	15.5		13.0		7	58		4	246	85
23330 SALEHARD	6632N	06640E	16		1008.0	1010.0	16.0	1.6	13.4	1.4	12	95	26		311	101
23383 AGATA	6653N	09328E	278		976.8	1009.3	16.5		11.7		6	32		2		
23405 UST'-CIL'MA	6526N	05216E	68		1001.6	1011.1	15.1	-2	13.0	.4	14	122	56	5	210	76
23445 NADYM	6528N	07240E	19		1007.3	1009.7	18.2		15.9		10	53				
23463 YANOV-STAN	6559N	08416E	40		1005.7	1010.3	17.7		14.4		5	34		2		

# SURFACE

# JULY 2012

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.
23472 TURUHANSK	6547N	08756E	38		1005.0	1009.5	18.6	2.0	14.5	1.8	6	21	-40	1	357	112
23552 TARKO-SALE	6455N	07749E	27		1006.8	1010.0	18.7	2.4	15.4	2.7	11	66	3	6	263	89
23631 BEREZOVO	6356N	06503E	32		1006.8	1010.7	17.8	1.1	15.1	1.2	12	79	11	4	320	103
23662 TOL'KA	6359N	08205E	33		1006.1	1010.2	19.0		14.0		8	41			302	
23678 VERHNEIMBATSK	6309N	08757E	46		1004.6	1009.9	19.3		14.1		4	43		2		
23711 TROICKO-PECHERSKOE	6242N	05612E	139		996.0	1012.3	17.3	.8	14.7	1.3	14	89	17	4	313	110
23724 NJAKSIMVOL'	6226N	06052E	51		1005.1	1011.1	18.7	1.7	14.6	1.0	12	85	9		269	92
23734 OKTJABR'SKOE	6227N	06603E	72		1002.2	1010.7	18.6		15.6		9	96			284	
23867 LAR' YAK	6106N	08015E	57		1003.7	1010.3	20.4		16.2		5	20			226	
23884 BOR	6136N	09001E	58		1002.7	1009.4	19.9	1.8	15.2	1.4	2	7	-59	1	254	85
23891 BAJKIT	6140N	09622E	262		979.3		18.8	1.8	13.2	.8	7	50	-3	3	336	116
23914 CHERDYN'	6024N	05631E	207		988.4	1012.5	18.5	1.1	16.1	2.5	15	168	82	5	317	110
23921 IVDEL'	6041N	06027E	95		1000.9	1011.9	18.8	1.4	15.4	3.0	9	56	-33	1	319	113
23933 HANTY-MANLIJSK	6101N	06902E	46		1005.8	1011.0	20.4	2.3	5.9	-8.9	7	38	-43		317	104
23955 ALEKSANDROVSKOE	6026N	07752E	48		1005.0	1010.7	20.0	1.9	17.0	2.0	3	15	-48		258	85
23966 VANZIL'-KYNAK	6021N	08405E	99		996.4	1007.9	19.8		16.2		3	9			225	80
23986 SEVERO-ENISEJSK	6023N	09320E	519		951.0	1009.0	19.2		11.6		3	17		1		
24136 SUHANA	6837N	11820E	77		1000.9	1009.9	17.6		10.8		1	5			436	125
24143 DZARDZAN	6844N	12400E	39		1005.0	1009.6	16.0	1.4	12.1	.9	7	27	-13			
24266 VERHOJANSK	6733N	13320E	137		993.0	1009.2	16.8	1.6	11.4	1.2	7	46	10		361	110
24329 SHELAGONTSY	6615N	11410E	236		982.6	1010.1	17.1	2.6	10.7	.3	4	25	-32		409	139
24343 ZHIGANSK	6646N	12320E	92		998.5	1009.4	17.3	1.4	12.1	.7	4	59	12		394	111
24382 UST'-MOMA	6637N	14310E	196		985.5	1008.6	15.2		11.0		7	41			299	95
24507 TURA	6416N	10010E	168		986.5	1008.6	19.6	3.1	13.1	1.3	4	9	-53	1	372	129
24606 KISLOKAN	6335N	10350E	211		984.3	1008.7	18.5		12.7		3	50		3	392	130
24641 VILJUJSK	6346N	12130E	111		995.5	1008.4	20.2	2.1	13.0	2.1	7	84	38		378	111
24661 SEGEN-KYUEL'	6400N	13010E	208		982.8	1006.8	19.4		13.4		5	40				
24671 TOMPO	6357N	13550E	402		960.3	1006.6	16.7		10.5		5	47			317	105
24688 OJMJAKON	6315N	14300E	741		923.6	1007.6	14.8	1.0	9.3	-2	6	24	-26		341	114
24713 NAKANNO	6253N	10820E	246		980.1	1008.5	18.6		13.9		5	12			332	
24738 SUNTAR	6209N	11730E	133		991.7	1007.6	20.2	2.7	15.0	3.0	6	46	-5		349	108
24790 SUSUMAN	6247N	14810E	655		933.4	1007.8	15.4		11.2		9	54			339	
24817 ERBOGACEN	6116N	10800E	291		974.0	1007.5	19.0	2.0	13.1	.7	3	7	-38		321	102
24908 VANAVARA	6020N	10210E	260		977.6	1007.7	19.1	1.9	13.3	.6	4	28	-29	2	352	119
24959 JAKUTSK	6201N	12940E	101		994.8	1006.5	21.0	2.3	12.2	-3	3	20	-19		351	101
24966 UST'-MAJYA	6023N	13420E	170		986.4	1006.1	19.6	1.8	13.0	-2	5	24	-29		289	90
24967 TEGYULTYA	6028N	13000E	171		988.0	1007.9	18.7		14.2		7	61				
25062 MYS BILLINGSA	6953N	17540E	3		1007.8	1008.2	3.1		6.5		17	78				
25138 OSTROVNOE	6807N	16410E	94		995.9	1007.2	11.8		9.3		9	43			205	25
25173 MYS SHMIDTA	6854N	17920W	4		1007.9	1008.3	3.8	-5	7.2	.0	12	39	3			
25206 SREDNE-KOLYMSK	6727N	15340E	21		1006.5	1009.0	13.3		11.4		8	46				
25248 ILIRNEJ	6715N	16750E	353		965.4	1007.1	11.5	-6	9.4	-1	6	37	-9		203	77
25282 MYS VANKAREM	6750N	17050W	5		1007.9	1008.5	5.1		7.8		12	26			237	
25325 UST'-OLOJ	6633N	15920E	127		993.4	1008.6	12.6	-4	10.3	.2	13	59	8		227	
25356 EN' MUVEEM	6623N	17320E	77		997.7	1006.9	12.2		10.1		10	56			168	
25378 EGVEKINOT	6621N	17900W	26		1005.5	1008.2	9.2		9.7		12	47				

# SURFACE

# JULY 2012

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.
25399 MYS UELEN	6610N	16950W	3		1008.9	1009.8	7.1	.8	8.9	.4	8	27	-13		203	96
25400 ZYRYANKA	6544N	15050E	43		1003.8	1008.9	14.8	-.5	10.6	-.9	9	47	0		242	80
25428 OMOLON	6514N	16030E	264		977.2	1007.8	13.6		8.8		8	29			250	
25503 KORKODON	6445N	15350E	98		996.9	1008.7	14.4		12.7		9	46			221	
25538 VERHNEE PENZINO	6413N	16410E	326		969.4	1007.5	13.9		9.8		5	25		1	242	100
25551 MARKOVO	6441N	17020E	26		1004.0	1006.8	14.0	.2	12.0	.8	8	75	21		330	124
25563 ANADYR'	6447N	17730E	61		1000.5	1007.9	10.9	.3	10.8	.5	9	46	7		292	114
25594 BUHTA PROVIDENJA	6425N	17310W	40		1005.0	1009.8	8.2	-.4	9.4	.2	6	59	-3			
25677 BERINGOVSKAJA	6303N	17910E	82		1008.0	1008.6	10.4		10.7		1	53				
25705 SREDNIKAN	6227N	15210E	260		977.3	1007.6	16.7		11.9		5	23			272	
25927 BROHOVO	5939N	15410E	5		1009.4	1010.1	13.3		12.4		4	8		0	263	
25932 TAJGONOS	6041N	16020E	30		1005.0	1008.5	10.1		8.5		2	10			186	
25954 KORF	6021N	16600E	4		999.7	1010.4	12.9	1.1	11.3	.0	4	22	-34	1	278	148
28009 KIRS	5922N	05213E	169		993.9	1013.6	18.6		15.6		10	116		5		
28064 LEUSI	5937N	06543E	72		1003.9	1012.0	20.7	2.2	16.6	2.1	5	49	-25	2	326	107
28138 BISER	5831N	05851E	463		960.0	1012.7	18.0	2.0	13.9	.6	8	68	-35	2	378	130
28224 PERM'	5801N	05618E	171		993.1	1013.0	18.4		16.1		9	79			356	120
28255 TURINSK	5803N	06341E	103		1000.4	1012.3	20.4		12.8		10	52		1	286	100
28275 TOBOL'SK	5809N	06815E	50		1006.5	1012.0	20.5	1.8	16.8	1.4	6	54	-19	3	311	104
28418 SARAPUL	5628N	05344E	133		998.3	1013.8	21.2		15.7		9	61		3	384	125
28434 KRASNOUFIMSK	5639N	05747E	206		989.5	1013.3	20.4	2.3	14.9	.0	4	20	-58	0	342	128
28440 EKATERINBURG	5650N	06038E	283		980.8	1013.0	21.8	3.3	13.7	-.5	6	38	-42	1		
28493 TARA	5654N	07423E	73		1002.6	1011.1	21.3	2.5	17.4	2.3	3	10	-56	1	299	96
28552 SADRINSK	5604N	06339E	89		976.8	1012.6	19.0	-.4	15.0	-.4	3	22	-50	1		
28573 ISHIM	5606N	06926E	82		1002.4	1012.0	21.1		17.7		7	46			366	
28666 MAKUSINO	5515N	06718E	140		995.5	1011.5	22.2									
28698 OMSK	5501N	07323E	122		996.4	1010.5	22.8	3.1	16.4	1.7	2	8	-53		338	105
28704 CULPANOVO	5430N	05025E	78		1004.8	1013.9	21.0		14.9		6	50		3	372	120
28722 UFA-DIOMA	5443N	05550E	104		1000.2	1012.3	22.1	2.8	15.1	-.7	4	16	-47		355	123
28748 TROIJK	5405N	06137E	192		990.5	1012.5	23.6		12.9		5	21		0	338	
29111 SREDNY VASJUGAN	5913N	07814E	69		1002.7	1010.8	20.8		16.9		2	21			206	
29231 KOLPASEVO	5819N	08257E	75		1000.9	1009.6	20.8	2.4	20.0	4.9	0	0	-67		435	139
29263 ENISEJSK	5827N	09209E	79		998.8	1008.0	19.7	1.2	15.6	.8	3	12	-46	1	252	82
29282 BOGUCANY	5823N	09727E	133		991.9	1007.3	19.9	1.3	14.8	.7	8	56	5	3	286	98
29313 PUDINO	5732N	07922E	97		998.8	1010.0	21.0		17.0		3	29			288	
29328 BAKCHAR	5705N	08155E	110		996.7	1009.5	20.7		16.6		3	6			250	
29379 TASEEVO	5712N	09433E	168		988.8	1005.4	19.6		14.7		5	25				
29570 KRASNOJARSK OPYTNOE POLE	5602N	09245E	276		976.0	1007.9	20.1		15.5		5	52		1		
29594 TAJSHET	5557N	09800E	307		972.0	1007.3	18.6		15.1		12	110			250	
29612 BARABINSK	5520N	07822E	120		995.9	1009.7	22.7	3.4	16.8	1.7	2	7	-55		336	103
29645 KEMEROVO CGMS	5515N	08613E	148		991.0	1008.0	21.9		14.9		3	15			317	
29752 NENASTNAYA	5445N	08849E	1183		877.1	1045.2	15.3		12.2		8	106		3	299	120
29789 VERHNJAJA GUTARA	5413N	09658E	984		897.9	1007.6	14.0		13.2		21	143			140	
29866 MINUSINSK	5342N	09142E	254		977.5	1006.6	20.6	1.0	14.7	-.1	6	55	-10	3	278	112
29939 BIJSK ZONAL'NAYA	5241N	08457E	228		981.2	1007.0	21.9		15.2		9	36		1		
30054 VITIM	5927N	11230E	190		984.1	1006.0	19.5	2.0	15.8	1.7	10	84	30		282	103

# SURFACE

# JULY 2012

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.
30089 DZHIKIMDA	5901N	12140E	175		985.5	1005.8	19.1		17.3		10	75				
<b>30230 KIRENSK</b>	5746N	10800E	259		976.2	1006.2	18.8	1.1	17.0	2.6	10	125	56			
30252 MAMAKAN	5749N	11410E	249		976.5	1005.3	18.5		17.8		9	59			174	
30309 BRATSK	5617N	10140E	416		958.9	1006.5	18.0	.5	16.3	2.1	10	52	-10		216	81
<b>30372 CHARA</b>	5654N	11810E	711		924.5	1003.9	17.7	1.8	16.3	3.7	14	168	99	6	186	75
30385 UST'-NJUKZHA	5635N	12120E	426		954.5	1002.6	19.5		17.9		15	118			205	35
30433 NIZHNEANGARSK	5547N	10930E	487		949.9	1004.2	18.2	2.7	15.5	2.5	7	29	-33	1	207	86
30521 ZHIGALOVO	5448N	10510E	426		958.1	1005.9	17.9	.8	14.9	.5	13	63	-11		182	79
<b>30554 BAGDARIN</b>	5428N	11330E	903		904.2	1004.4	16.2	1.3	14.2	2.4	16	173	67	5	169	70
30612 BALAGANSK	5400N	10300E	427		957.4	1006.2	18.3		16.2		9	72				
30636 BARGUZIN	5337N	10930E	489		948.0	1003.1	18.8		16.0		8	95		4	251	91
30650 ROMANOVKA	5312N	11240E	923		901.5	1003.5	16.6		15.3		15	186		5		
<b>30673 MOGOCHA</b>	5345N	11940E	625		933.2	1003.2	18.3	1.7	18.3	4.6	16	231	121	5	231	100
<b>30710 IRKUTSK</b>	5216N	10410E	469		925.9	1006.1	18.3	.8	16.0	1.2	11	150	30		228	94
30758 CHITA	5205N	11320E	671		928.5	1003.4	19.2	1.4	16.0	2.2	12	149	46	5	223	90
30777 SRETENSK	5214N	11740E	525		943.6	1002.5	19.8		17.9		13	146		5	248	105
30844 HILOK	5121N	11020E	802		915.0	1004.4	17.4		15.5		13	74		2		
<b>30879 NERCHINSKIJ ZAVOD</b>	5119N	11930E	619		933.6	1002.6	19.7	1.7	15.9	.8	8	100	-24	3	301	120
<b>30925 KJAHTA</b>	5022N	10620E	797		915.3	1003.5	19.1		14.7		11	54		2	233	91
30935 KRASNYY CHIKOJ	5022N	10840E	771		918.4	1004.2	17.6		14.3		17	122		5	209	90
<b>30949 KYRA</b>	4934N	11150E	908		903.4	1003.2	18.2	1.0	15.5	2.2	16	171	46	5	203	81
<b>30965 BORZYA</b>	5024N	11630E	676		927.8	1002.6	20.5	1.8	16.5	1.6	14	62	-29	2	296	108
<b>31004 ALDAN</b>	5837N	12520E	679		929.7	1005.7	18.5	2.3	15.6	3.5	12	97	10		239	87
<b>31088 OHOTSK</b>	5922N	14310E	6		1010.1	1010.8	12.2	.2	13.5	1.0	7	119	44	5	134	75
31137 TOKO	5617N	13100E	850		910.9	1005.7	16.6		12.3		8	53				
31152 NEL' KAN	5739N	13600E	318		969.7	1006.2	18.3		13.5		5	60			214	
<b>31168 AYAN</b>	5627N	13800E	8		1009.6	1010.7	12.6	.8	13.4	1.4	11	56	-91		117	77
31174 BOL'SHOJ SHANTAR	5450N	13730E	21		1009.2	1010.3	10.1		11.5		2	10				
<b>31253 BOMNAK</b>	5443N	12850E	357		964.6	1006.1	19.3	1.6	16.0	1.2	11	112	-18	3	291	122
<b>31329 EKIMCHAN</b>	5304N	13250E	542		945.1	1006.2	18.8	1.9	15.7	1.0	9	75	-68	1	221	100
<b>31369 NIKOLAEVSK-NA-AMURE</b>	5309N	14040E	68		1001.1	1008.9	16.5	-.1	14.6	-6	3	15	-57			
<b>31416 IM POLINY OSIPENKO</b>	5225N	13630E	73		999.6	1007.9	18.1	.2	17.0	1.5	6	41	-46			
31439 BOGORODSKOE	5223N	14020E	35		1005.0	1013.2	17.7		15.3		8	50				
31478 SOFIJSKIJ PRIISK	5216N	13350E	902		906.3	1006.5	16.2		14.2		14	79		0		
<b>31707 EKATERINO-NIKOL'SKOE</b>	4744N	13050E	73		996.8	1005.2	21.1	.0	21.6	1.5	15	179	37			
31770 SOVETSKAYA GAVAN'	5100N	13950E	238		1005.9	1008.7	14.6		14.9		12	116			124	60
31873 DAL'NERECHENSK	4552N	13340E	101		993.8	1006.0	21.6		19.9		12	94				
<b>31960 VLADIVOSTOK</b>	4307N	13150E	183		984.7	1006.5	18.3	1.0	19.3	.6	13	165	47		142	116
31989 PREOBRAZHENIE	4254N	13350E	43		1003.1	1008.1	17.5		18.0		8	200				
32027 POGIBI	5213N	14130E	6		1012.8	1013.7	15.0		15.0		9	46			82	
32061 ALEKSANDROVSK-SAHALINSKIJ	5054N	14210E	31		1005.4	1009.0	15.7	.6	15.2	1.0	6	66	4	4	167	78
32076 POGRANICHNOE	5024N	14340E	8		1008.9	1009.9	11.0		12.4		11	113		4	124	65
<b>32098 PORONAJSK</b>	4913N	14300E	8		1009.4	1010.3	14.8	1.3	15.3	1.2	10	109	30	4	92	62
32099 MYS TERPENIYA	4839N	14440E	6		1010.1	1010.9	10.1		12.2		16	184			33	70
32150 JUZHNO-SAHALINSK	4657N	14240E	24		1006.6	1009.4	16.4	1.0	16.0	.7	7	101	14	3	99	60
32165 JUZHNO-KURIL'SK	4401N	14550E	49		1004.3	1010.1	12.6	.5	14.1	.3	11	134	11	4	67	65

# SURFACE

# JULY 2012

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.
32213 MYS LOPATKA	5052N	15640E	47		1006.4	1012.5	8.9		11.0		11	128		5	53	85
<b>32252 UST'-VOYAMPOLKA</b>	5830N	15910E	7		1010.5	1011.4	10.7	.7	10.9	-.1	6	74	9	4	197	115
32287 UST'- HAJRJUZOVO	5705N	15640E	8		1010.3	1011.3	12.5		11.9		6	23		1	202	115
<b>32389 KLJUCHI</b>	5619N	16050E	29		1006.7	1010.1	16.4	1.7	14.3	1.8	10	68	20	5	220	105
32477 SOBOLEVO	5418N	15550E	14		1008.6	1011.6	13.9		13.7		9	90		3	167	120
32509 SEMYACHIK	5407N	15950E	27		1008.2	1011.4	12.7		13.1		8	78		3	121	90
<b>32618 OSTROV BERINGA</b>	5512N	16550E	18		1009.0	1011.4	9.5	.8	11.3	.8	10	100	54	5	84	100
35011 SOROCHINSK	5226N	05308E	123		998.9	1013.1	23.6		14.3		4	15		1		
36038 ZMEINOGORSK	5109N	08212E	355		965.9	1006.2	20.4		15.8		8	132			286	
36064 YAJLIU	5146N	08736E	480		952.8	1007.3	18.9		15.9		11	225			280	
36096 KYZYL	5143N	09430E	628		933.9	1003.9	22.0		11.6		4	36		2	343	115
36229 UST'- KOKSA	5017N	08537E	978		898.2	1005.5	18.4		12.8		11	57			270	
36259 KOSH-AGACH	5001N	08841E	1759		818.6	1441 Y	17.4		9.5		9	81			287	
36307 ERZIN	5016N	09507E	1101		880.6	1043.9	20.6		1.0		4	6		0		
<b>KAZAKHSTAN</b>																
28766 BLAGOVESHCHENKA	5422N	06658E	151		994.2	1011.6	22.4		14.5		4	53		3	339	
28879 KOKSHETAY	5317N	06923E	229		984.7	1011.0	22.3	2.1	14.7	.4	4	49	-19	3	358	114
<b>28952 KOSTANAY</b>	5313N	06337E	170		994.6	1012.1	24.1	3.1	12.7	-1.8	4	23	-34		392	122
28966 RUZAEVKA	5249N	06658E	227		985.0	1010.9	22.9		13.8		4	37				
<b>29807 IRTYSHSK</b>	5321N	07527E	94		997.8	1008.5	25.0	4.0	13.8	-.9	2	7	-43			
35067 ESIL'	5153N	06620E	221		985.5	1010.7	23.5		12.1		4	33		3		
<b>35078 ATBASAR</b>	5149N	06822E	304		975.7	1010.2	23.2	2.7	13.6	.4	6	56	10	5	341	106
35108 URALSK	5115N	05117E	37		1008.8	1013.0	24.6	2.1	14.8	.1	3	35	-2	3	327	101
35188 ASTANA	5108N	07122E	350		969.7	1009.0	24.3	3.0	13.9	.9	4	60	11	4	315	94
35217 DZHAMBETJY	5015N	05234E	32		1008.5	1012.2	25.3		13.4		5	13				
35229 AKTOBE	5017N	05709E	219		986.5	1011.2	26.2	3.8	12.7	-.6	1	5	-24	1		
<b>35394 KARAGANDA</b>	4948N	07309E	553		946.5	1008.5	21.3	.5	14.9	2.9	9	75	35			
35406 TAIPAK	4903N	05152E	2		1011.3	1011.5	26.8	1.6	14.3	1.2	5	21	6	0	356	106
<b>35416 UIL</b>	4904N	05441E	128		1000.6	1011.5	26.5	1.6	14.8	2.5	1					
35426 TEMIR	4909N	05707E	234		984.6	1011.0	26.5		11.2		3	12		1		
<b>35576 KZYLZAR</b>	4818N	06939E			966.6	1006.6	25.5	1.8	12.6	.7	3	16	-5			
35671 ZHEKAZGAN	4748N	06743E	346		968.4	1033.0	26.5		12.4		2	12			367	
35700 ATYRAU	4707N	05155E	-22		1013.1	1011.0	27.9	1.7	15.5	1.2	4	18	3		335	98
35746 ARALSKOE MORE	4647N	06139E	62		1002.8	1008.8	29.6	2.5	15.9	2.8	2	3	-6	2	398	106
<b>35796 BALHASH</b>	4648N	07505E	350		966.5	1005.6	24.5	.2	16.0	1.5	4	21	3		345	92
<b>35849 KAZALINSK</b>	4546N	06207E	68		1000.7	1008.4	28.2	1.3	13.9	-.2	0	T	-005	2	383	98
<b>35925 SAM</b>	4524N	05607E	88		999.7	1009.7	29.6	2.0	10.5	-2.6	1	4	-6			
35953 DZHUSALY	4530N	06405E	103		996.0	1007.5	29.4		10.3		2	67		6		
36003 PAVLODAR	5218N	07656E	122		993.9	1007.6	24.2		15.6		4	26		2	337	20
<b>36177 SEMIPALATINSK</b>	5025N	08018E	196		983.9	1006.2	22.9	1.2	15.8	1.7	7	66	30	5	297	87
36208 LENINOGORSK	5020N	08333E	811		915.4	1003.7	19.0	1.7	14.1	.8	8	74	-7	2		
36428 BOL'SHE NARYMSKOE	4912N	08431E	401		959.1	1004.1	22.3		17.1		11	57			316	95
<b>36535 KOKPEKTY</b>	4845N	08222E	512		948.1	1005.1	22.5	2.2	15.4	2.7	3	11	-22		324	95
<b>36859 ZHARKENT</b>	4410N	08004E	645		934.2	1004.5	24.8	.6	14.9	.8	4	15	-7		324	98
<b>36870 ALMATY</b>	4314N	07656E	851		912.2	1004.1	25.4	1.8	11.9	-1.2	3	16	-15	1	297	97

# SURFACE

# JULY 2012

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.
38062 KYZYLORDA	4451N	06530E	130		992.0	1006.6	29.6	2.1	12.3	-3	2	11	7	5		
38069 CHILI	4410N	06645E	153		988.7	1005.9	27.9		12.8		2	13		5		
38198 TURKESTAN	4316N	06813E	207		981.3	1004.5	29.6	1.0	12.2	1.2	0	T	-3		407	101
38328 SHYMKENT	4219N	06942E	604		937.2	1003.1	27.4		12.1		2	9		4	385	
38334 AUL TURARA RYSKULOVA	4229N	07018E	808		916.1	1003.4	5.9		11.2		4	20			370	
38341 ZHAMBYL	4251N	07123E	655		933.1	1004.5	25.7		12.1		3	5		2	402	
38343 KULAN	4257N	07245E	683		927.7	1004.2	25.5		10.3		0	T		1		
38439 CHARDARA	4122N	06800E	275			1003.1	29.4									
<b>TURKMENISTAN</b>																
38388 EKEZHE	4102N	05746E	62		1002.1	1007.5	32.8		8.9		0	0			370	15
<b>38507 TURKMENBASHI</b>	4003N	05300E	82		999.5	1008.9	27.9	.2	18.4	1.4	1	1	-2		327	95
38511 CHAGYL	4047N	05520E	115		994.6	1007.4	31.3		13.5		1	4			346	
38545 DARGANATA	4028N	06217E	142		989.8	1005.4	29.9		13.1		0	T			586	15
38656 ERBENT	3919N	05836E	87		996.3	1006.2	33.6	1.2	12.7	1.0	0	0	-2			
38687 CHARDZHEV	3905N	06336E	190		982.8	1004.3	30.0	.5	13.3	-5	0	0	-1		404	102
<b>38750 ESENGYLY</b>	3728N	05338E	-22		1012.3	1009.7	28.7	1.7	26.9	1.8	2	3	-5		331	106
<b>38763 GYZYLARBAT</b>	3859N	05617E	92		997.7	1007.3	32.1	.6	17.1	-1	3	17	7		368	105
38880 ASHGABAT KESHI	3755N	05808E	312		972.2	1006.5	31.2	.3	15.6	.6	1	20	17		353	100
<b>38895 BAJRAMALY</b>	3736N	06211E	240		978.6	1004.8	32.0	1.3	13.3	2.3	0	0	0		376	101
38974 SARAGT	3632N	06113E	275		973.6	1004.3	31.7	.9	11.9	2.0	0	0	-1		390	103
<b>UZBEKISTAN</b>																
38178 AK-BAJTAL	4309N	06420E	234		980.6	1006.6	30.4	.7	11.0	-7	1	2	-2	3	393	100
<b>38262 CHIMBAJ</b>	4257N	05949E	66		1002.6	1010.1	28.9	1.6	16.5	.2	0	T	-3	1	387	103
38396 URGENCH	4134N	06034E	101		995.7	1007.0	29.1		15.4		0	T		3		
38403 BUZAUBAJ	4145N	06228E	98		994.5	1005.0	32.7		15.5		0	0		0		
<b>38413 TAMDY</b>	4144N	06437E	237		979.5	1009.5	31.6	.7	8.3	-2.8	1	1	-2	4	364	95
<b>38457 TASHKENT</b>	4116N	06916E	488		949.4	1002.9	28.3	.7	13.1	-6	1	1	-3	4	404	105
38611 NAMANGAN	4059N	07135E	474		951.6	1003.4	28.9		15.2		0	T		1	401	110
38618 FERGANA	4022N	07145E	577		938.6	999.2	28.0	1.0	17.3	1.4	0	T	-5	1	148	41
38683 BUHARA	3943N	06437E	226		978.4	1003.5	29.8		10.6		0	T		3		
38696 SAMARKAND	3934N	06657E	724		924.9	1003.2	27.4	1.2	14.3	.9	0	T	-4	2	343	86
38812 KARSHI	3848N	06543E	376		959.7	1000.8	30.5		11.1		0	0		0		
38927 TERMEZ	3714N	06716E	310		966.5	1000.7	30.5	.7	14.1	-1.1	0	0	0	0	413	107
<b>SAUDI ARABIA</b>																
40356 TURAIF	3141N	03844E	855		909.9	1453 Y	31.4		10.8		0	0			358	
40357 ARAR	3054N	04108E	555		940.4	998.6	36.6		13.8		0	0				
40360 GURIAT	3124N	03717E	509		947.0	1001.4	31.3		12.0		0	0				
<b>40361 AL-JOUF</b>	2947N	04006E	689		928.7	999.3	35.7		7.5		0	0				
40362 RAFHA	2937N	04329E	449		950.7	996.3	37.0		7.3		0	0				
40373 AL-QAISUMAH	2819N	04608E	358		958.9	996.9	39.0		9.7		0	0				
40375 TABUK	2823N	03636E	778		919.3	1000.4	33.3		9.4		0	0			372	

# SURFACE

# JULY 2012

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.
40377 HAFR AL-BATIN	2755N	04531E	414		953.9	998.0	37.7		13.0		0	0				
<b>40394 HAIL</b>	2726N	04141E	1015		894.9	1463 Y	34.8		.8		0	0			329	
40400 AL-WEJH	2612N	03629E	24		999.6	1002.1	31.7		34.0		0	0			365	
40405 GASSIM	2618N	04346E	648		930.0	997.8	37.3		11.8		0	0				
40416 DHAHARAN	2616N	05010E	26		993.3	995.1	37.5	2.3	25.5	10.8	0	0	0			
40417 K.F.I.A. (KING FAHAD INT. AI	2627N	04949E	22		995.1	996.5	37.4		14.6		0	0	0		111	110
40420 AL-AHSA	2518N	04929E	179		977.4	996.5	38.9		11.4		0	0				
<b>40430 AL-MADINAH</b>	2433N	03942E	654		930.9	997.4	38.6	2.6	8.6	3.0	0	0	-1		292	
40437 KING KHALED INT. AIRPORT	2456N	04643E	614		933.0	997.6	37.3		7.2		0	0			305	
40439 YENBO	2408N	03804E	10		999.1	1000.1	34.3		25.1		0	0			324	
<b>41024 JEDDAH (KING ABDUL AZIZ INT.</b>	2142N	03911E	17		999.5	1001.4	34.5	2.1	24.9	.0	0	0	-1		292	
41030 MAKKAH	2126N	03946E	240		974.5	1000.3	36.9		19.1		0	0				
41036 AL-TAIF	2129N	04033E	1478		851.3	1464 Y	30.4	1.9	9.6	2.1	1	25	22	2	302	
41055 AL-BAHA	2018N	04139E	1672		831.6	1453 Y	30.2		11.8		2	11				
41061 WADI AL-DAWASSER AIRPORT	2030N	04515E	629		930.8	995.9	37.6		18.0						281	
41084 BISHA	1959N	04238E	1167		878.1	1453 Y	33.7				0	0			253	
41112 ABHA	1814N	04239E	2093		791.4	1458 Y	24.4		14.0		4	23			221	
41114 KHAMIS MUSHAIT	1818N	04248E	2066		794.4	1454 Y	24.9		13.9		9	5				
41128 NAJRAN	1737N	04425E	1214		872.8	1448 Y	33.6				01	1			215	
41136 SHARORAH	1728N	04706E	725		919.8	995.4	36.7		13.5		0	0			258	
41140 GIZAN	1653N	04235E	7		1000.6	1000.1	34.5		31.5		0	0				
<b>IRAN, ISLAMIC REPUBLIC OF</b>																
40712 ORUMIEH	3732N	04505E	1316		863.3	1002.6	25.1	1.3	14.8	1.3	3	3	-1		278	76
<b>40745 MASHHAD</b>	3616N	05938E	999		901.9	1002.6	31.6	4.9	8.5	-2.8	0	0	-1		342	95
40766 KERMANSHAH	3416N	04707E	1322		863.2	999.2	29.4	1.2	6.9	-1.0	0	T	-1		314	90
40831 ABADAN	3022N	04815E	6		995.9	996.7	39.0	2.2	16.8	1.4	0	0	0		333	109
<b>40841 KERMAN</b>	3015N	05658E	1754		819.9	995.9	28.2	-7	8.4	1.6	0	0	-1		347	105
<b>40848 SHIRAZ</b>	2932N	05232E	1481		845.2	996.0	30.9	1.1	10.3	1.1	1	1	0		352	102
<b>BAHRAIN</b>																
<b>41150 BAHRAIN (INT. AIRPORT)</b>	2616N	05039E	2		996.5	996.7	36.0	1.9	26.7	-5.1	0	0	0	5	365	110
<b>QATAR</b>																
41170 DOHA INTERNATIONAL AIRPORT	2515N	05134E	11		996.3	997.2	37.2	2.5	33.3	7.6	0	0	0	5	349	107
<b>OMAN</b>																
41268 SUR	2232N	05928E	14		995.5	997.0	34.7		26.6		0	0		0		
<b>41288 MASIRAH</b>	2040N	05854E	19		997.4	999.5	27.1		27.3		0	0		0		
41314 THUMRAIT	1740N	05401E	467		949.8	1004.3	28.9		22.6		0	0		0		
<b>41316 SALALAH</b>	1702N	05405E	23		1000.2	1002.7	26.5		28.8		4	11		1	123	
<b>PAKISTAN</b>																



# SURFACE

# JULY 2012

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.
41515 DROSH	3534N	07147E	1465		843.4	1395 Y	29.7	-.3	10.6		4	28	7	1		
41530 PESHAWAR	3401N	07135E	360		955.7	994.3	33.5	1.3	26.1		1	2	-40	0		
<b>41560 PARACHINAR</b>	3352N	07005E	1726		821.1	1422 Y	26.5	2.0	21.7		11	153	46	5		
41571 ISLAMABAD AIRPORT	3337N	07306E	508		942.9	997.2	32.7	3.0	26.2		8	141	-126	4		
41594 SARGODHA	3203N	07240E	188		975.2	995.2	33.4		28.9		7	169		0		
41598 JHELUM	3256N	07343E	234		969.7	995.2	32.8	1.9	30.5		8	216	-21	0		
41600 SIALKOT	3230N	07432E	256				31.7	1.9	30.9		11	255	-33	0		
<b>41620 ZHOB</b>	3121N	06928E	1407		846.3	1366 Y	30.5	1.0	15.3		5	42	-6	4		
41624 DERA ISMAIL KHAN	3149N	07055E	173		975.5	994.3	33.3	.6	32.2		2	82	22	0		
<b>41640 LAHORE CITY</b>	3133N	07420E	215		972.2	995.5	33.6	2.1	31.6		5	38	-164	4		
41660 QUETTA AIRPORT	3015N	06653E	1589		833.5	1413 Y	29.9	2.0	18.5		0	0	-12	2		
41675 MULTAN	3012N	07126E	123		981.3	995.3	34.9	1.0	30.4		4	37	-24	4		
41685 BARKHAN	2953N	06943E	1098			1401 Y	29.8	.3	23.1		10	149	41	0		
41710 NOKKUNDI	2849N	06245E	683		919.5	990.1	37.2	1.4	6.6		0	0	-1	5		
<b>41712 DAL BANDIN</b>	2853N	06424E	850		904.8	1414 Y	37.4	3.2	13.4		0	0	-3	4		
41715 JACOBABAD	2818N	06828E	56		988.2	994.4	35.6	.7	35.3		0	0	-36	2		
41718 KHANPUR	2839N	07041E	88		985.3	995.0	34.0	.4	32.1		2	34	7	0		
41739 PANJGUR	2658N	06406E	981		891.9	1413 Y	33.3	1.6	16.2		1	5	-20	2		
41744 KHUZDAR	2750N	06638E	1232		866.9	1407 Y	32.1	1.8	15.0		1	5	-42	1		
41749 NAWABSHAH	2615N	06822E	38		991.6	994.7	34.5	.5	30.4		0	0	-51	1		
41756 JIWANI	2504N	06148E	57		991.2	997.5	29.2	-.8	32.2		0	0	-7	4		
<b>41759 PASNI</b>	2516N	06329E	6		998.4	998.9	29.2		32.6		0	0	-5	4		
41768 CHHOR	2531N	06947E	6		996.8	997.5	31.9	.4	33.2		1	23	-56	0		
41780 KARACHI AIRPORT	2454N	06708E	22			998.8	30.1	-.2	31.4		0	0	-85	2		
<b>INDIA</b>																
<b>42027 SRINAGAR</b>	3405N	07450E	1587		832.7	1403 Y	24.7	.6	18.4		3	12	-50	0	232	
42071 AMRITSAR	3138N	07452E	234		970.2	995.7	31.9	1.7	31.6		7	94	-137	1	218	101
42147 MUKTESHWAR KUMAON	2928N	07939E	2311				17.9	.7	18.8		21	286	-27	3		
<b>42165 BIKANER</b>	2800N	07318E	224		970.5	994.7	35.6	2.8	24.8		0	0	-106	0		
<b>42182 NEW DELHI/SAFDARJUNG</b>	2835N	07712E	216		972.5	995.9	32.7	1.9	31.6		8	95	-142	1	114	69
42314 DIBRUGARH /MOHANBARI	2729N	09501E	111		988.0	1000.3	28.3	.6	33.1		25	567	21	4	122	
42339 JODHPUR	2618N	07301E	224		972.7	996.8	32.8		26.1		4	23		1		
42404 DHUBRI	2601N	08959E	36		996.1	1000.1	28.7		34.3		14	338		2		
<b>42410 GUWAHATI</b>	2606N	09135E	54		994.0	1000.0	29.4	.9	36.1		21	394	17	4	107	87
42452 KOTA AERODROME	2509N	07551E	274		967.2	997.2	31.1	1.2	29.5		10	193	-66	3		
42475 ALLAHABAD/BAMHRAULI	2527N	08144E	98				30.9	1.0	33.4		15	470	205	5	123	86
<b>42515 CHERRAPUNJI</b>	2515N	09144E	1313		862.1	1435 Y	19.7	-.4	23.2		30	3624	352	4		
<b>42587 DALTONGANJ</b>	2403N	08404E	221		971.4	996.8	29.3	.1	32.8		18	378	22	4		
42619 SILCHAR	2445N	09248E	29		997.9	1001.2	29.7		35.1		30	380		0		
42647 AHMADABAD	2304N	07238E	55		993.7	999.9	30.9	1.4	32.3		6	71	-176	1	83	64
<b>42671 SAGAR</b>	2351N	07845E	551		937.7	997.6	27.5	.8	29.3		21	269	-81	2		
<b>42731 DWARKA</b>	2222N	06905E	11		1000.1	1001.3	29.5	.3	34.0		4	10	-87			
42754 INDORE	2243N	07548E	567		937.9	999.1	26.5	.0	26.8		15	388	109	5	85	82
42807 CALCUTTA/ALIPORE	2232N	08820E	6		997.5	998.3	30.1	.9	34.6		21	249	-162	1	85	91
42867 NAGPUR SONEGAON	2106N	07903E	310		965.3	999.5	27.6	-.3			23	451	161	5	56	49

# SURFACE

# JULY 2012

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.
42909 VERAVAL	2054N	07022E	8		1000.8	1001.7	29.0	.6	32.9		12	87	-142	1		
42933 AKOLA	2042N	07702E	282		969.3	1000.5	28.1	-.2	29.3		21	254	32	4		
42971 BHUBANESHWAR	2015N	08550E	46		993.9	999.1	28.2	-.5	34.9		21	490	173	5	48	45
<b>43041 JAGDALPUR</b>	1905N	08202E	553		940.9	1001.5	24.7	-1.0	27.9		26	533	181	5		
43057 BOMBAY / COLABA	1854N	07249E	11		1002.0	1003.2	28.5	.8	33.8		27	393	-289	1	41	56
<b>43063 PUNE</b>	1832N	07351E	559		941.6	1002.9	26.1	.8	25.1		15	73	-90	1	76	64
<b>43128 HYDERABAD AIRPORT</b>	1727N	07828E	545		942.7	1002.1	26.7	-.3	26.5		15	232	77	5	88	62
43150 CWC VISHAKHAPATNAM/WALTAIR	1742N	08318E	66		993.4	1000.7	28.9		31.2		11	101			95	80
43185 MACHILIPATNAM/FRANCHPET	1612N	08109E	3		1001.5	1001.9	29.5	-.2	30.6		14	135	-36	3	110	
43192 GOA/PANJIM	1529N	07349E	60		998.9	1005.6	27.1	.4	32.5		28	616	-237	1	83	79
43198 BELGAUM/SAMBRE	1551N	07437E	758		923.2	1004.8	23.4	.2	24.5		19	148	-76	1		
<b>43279 CHENNAI/MINAMBAKKAM</b>	1300N	08011E	16		1002.7	1004.4	31.1	.4	27.9		9	94	-27	2	159	86
43284 BAJPE	1255N	07453E	102		995.3	1006.8	26.0		32.0		31	618			79	125
<b>43295 BANGALORE</b>	1258N	07735E	921		905.2	1468 Y	24.6	.7	21.2		9	67	-39	2	78	70
43314 KOZHIKODE	1115N	07547E	5		1007.3	1007.9	27.7	1.7	31.5		20	378	-392	0		
<b>43333 PORT BLAIR</b>	1140N	09243E	79		997.9	1006.8	27.7	1.6	32.1		20	298	-102	1	97	88
<b>43363 PAMBAN</b>	0916N	07918E	11		1003.9	1005.1	30.7	.8	32.6		0	0	-18	2		
<b>43369 MINICOY</b>	0818N	07309E	2		1008.2	1008.4	28.4	.6	32.1		16	173	-57	2	203	117
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1000.7	1008.0	27.8	1.3	30.1		13	161	-14	2	166	111
<b>SRI LANKA</b>																
43418 TRINCOMALEE	0835N	08115E	79				31.1	1.0	29.8	2.9	3	16	-54			
43424 PUTTALAM	0802N	07950E	2		1006.0	1006.3	29.2	.7	31.2	2.0	1	0001	-015			
43441 KURUNEGALA	0728N	08022E	116		994.1	1007.0	28.1	.8	28.5	1.0	7	67	-47			
43466 COLOMBO	0654N	07952E	7		1006.5	1007.7	28.5	.9	31.1	1.6	10	41	-84		224	111
<b>43473 NUWARA ELIYA</b>	0658N	08046E	1880		812.2		16.4	.7	13.3	-2.3	15	94	-80			
<b>43497 HAMBANTOTA</b>	0607N	08108E	20		1004.8	1006.5	28.7	1.1	31.5	3.4	3	8	-40			
<b>MALDIVES</b>																
<b>43555 MALE</b>	0412N	07332E	2		1009.7	1010.0	29.1	3.0	31.5		9	77		1	243	108
<b>MONGOLIA</b>																
44203 RINCHINHUMBE	5107N	09940E	1583		834.9	1004.8	15.2	2.6	10.4	.6	12	31	-47	1		
44207 HATGAL	5026N	10000E	1669		827.1	1005.4	13.5	1.9	7.2	-2.2	15	87	4	3		
<b>44212 ULAANGOM</b>	4948N	09205E	940		903.7	1008.0	18.8	-.1	12.2	.1	4	22	-13	1	76	25
44213 BARUUNTURUUN	4939N	09424E	1232		869.7	1002.5	19.6	2.5	9.7	-2.0	4	15	-39	4		
44214 ULGI	4856N	08956E	1716		822.1	1001.8	18.3	2.0	9.4	-1.4	8	42	8	4		
44215 OMNO-GOBI	4901N	09143E	1590		834.6	1002.6	17.8	1.6	11.4	.7	12	46	2	3		
<b>44218 HOVD</b>	4801N	09134E	1406		857.0	1009.6	16.3	-2.3	9.6	-1.6	6	18	-17	1		
44225 TOSONTSENGEL	4844N	09812E	1724		822.0	1003.8	16.3	2.5	12.5	2.5	8	48	-12	2		
44230 TARIALAN	4934N	10200E	1236		870.9	1005.1	17.5	1.5	13.7	1.4	13	69	-35	2		
<b>44231 MUREN</b>	4938N	10010E	1285		864.7	1004.3	17.9	1.7	11.5	-.1	3	13	-46	0	109	40
44232 HUTAG	4923N	10240E	938		899.8	1004.0	19.0	1.6	14.7	1.2	11	126	23	4		
44237 ERDENEMANDAL	4832N	10120E	1510		842.4	1003.1	15.9	1.3	6.9	-5.4	13	102	13	4		

# SURFACE

# JULY 2012

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.
<b>44239 BULGAN</b>	4848N	10330E	1209		875.5	1006.4	16.8	.9	13.8	1.4	2	14	-57	0		
44241 BARUUNHARAA	4855N	10600E	811		917.8	1009.0	15.6	-2.6	12.7	-6	4	34	-28	1		
44256 DASHBALBAR	4933N	11420E	706		921.1	999.5	20.1	1.5	17.2	3.2	9	50	-62	1		
<b>44259 CHOIBALSAN</b>	4805N	11430E	747		923.3	1006.4	20.8	1.0	16.4	2.0	5	29	-28	1		
44265 BAITAG	4607N	09128E	1186		874.3	1000.5	22.8	1.9	11.3	-9	3	18	4	4		
<b>44272 ULIASTAI</b>	4745N	09651E	1761		819.7	1007.4	12.8	-2.2	8.8	-8	4	38	-16	1	68	23
44275 BAYANBULAG	4650N	09805E	2255		770.8	1002.5	13.9	2.0	10.3	1.3	12	58	26	4		
44277 ALTAI	4624N	09615E	2182		781.2	1013.8	12.3	-1.4	7.4	-9	2	9	-39	1		
44282 TSETSERLEG	4727N	10120E	1693		827.4	1010.2	12.7	-1.6	1.0	-9.9	5	53	-22	2		
44284 GALUUT	4642N	10000E	2126		787.1	1002.3	14.6	1.6	9.5	.8	16	76	17	3		
44285 HUIJIRT	4654N	10240E	1662		829.9	1010.6	13.0	-1.5	10.8	-4	5	30	-30	1		
44287 BAYANHONGOR	4608N	10040E	1860		807.8	1001.1	18.0	1.8	1.0	-9.6	8	37	-19	2	278	90
<b>44288 ARVAIHEER</b>	4616N	10240E	1813		815.5	1009.7	17.4	2.1	12.0	1.4	3	67	7	2		
44292 ULAANBAATAR	4755N	10650E	1307		865.9	1008.5	18.4	1.8	12.0	.4	3	27	-30	1	87	35
44294 MAANTI	4718N	10720E	1430		850.0	1003.3	17.2	1.0	1.3	-11.2	16	110	52	4		
44298 CHOIR	4627N	10810E	1287		866.9	1005.0	20.4	1.8	12.9	-7	2	8	-47	1		
44302 BAYAN-OVOO	4747N	11200E	926		901.5	1004.6	18.2	-6	14.6	.9	12	95	16	4		
44304 UNDERKHAAN	4719N	11030E	1035		893.3	1005.9	19.2	.7	14.8	1.9	4	42	-23	1		
44305 BARUUN-URT	4641N	11310E	982		895.3	1002.8	20.4	.4	1.4	-12.4	13	108	47	5		
44313 KHALKH-GOL	4737N	11830E	689		926.9	1003.6	20.5	.5	15.5	.1	10	99	4	3		
44314 MATAD	4710N	11530E	907		904.1	1003.8	20.3	-2	15.5	1.8	10	73	32	4		
<b>44317 ERDENETSAGAAN</b>	4554N	11520E	1076		885.5	1003.6	19.3		13.8		11	117		5		
44336 SAIKHAN-OVOO	4527N	10350E	1317		861.0	1003.5	21.0	.9	12.6	1.0	7	72	34	3		
<b>44341 MANDALGOBI</b>	4546N	10610E	1396		856.2	1005.2	20.5	1.8	12.9	1.3	2	11	-28	1		
44347 TSOGT-OVOO	4425N	10510E	1298		862.5	999.8	21.9	.5	12.3	-6	9	49	22	5		
44352 BAYANDELGER	4544N	11220E	1101		886.0	1004.8	21.1	.6	18.2	4.2	3	7	-48	1		
44354 SAINSHAND	4454N	11000E	938		902.8	1002.3	24.1	1.4	14.2	-4	0	0	-31	0		
44358 ZAMYN-UUD	4344N	11150E	965		900.0	1003.8	24.9	2.1	14.6	.0	0	T	-28	1		
<b>44373 DALANZADGAD</b>	4335N	10420E	1465		849.4	1005.5	19.2	-1.8	9.8	-2.1	1	10	-22	1	86	
<b>NEPAL</b>																
44454 KATHMANDU AIRPORT	2742N	08522E	1337		857.9	1420 Y	24.8		27.2		28	453			82	75
<b>HONG KONG, CHINA</b>																
45004 KOWLOON	2219N	11410E	66		997.0	1004.4	28.4	-6	31.7	.2	19	478	151	5	198	86
<b>DPR KOREA</b>																
47014 CHUNGGANG	4147N	12650E	331		969.0	1006.2	22.5	-1	23.3		16	311	118	5	104	65
47016 HYESAN	4124N	12810E	715		925.6	1021.1			16.1		15	228	93	0	127	60
47055 WONSAN	3911N	12720E	36		1002.3	1006.4	23.2	.7	23.9		15	407	103	1	112	65
47058 PYONGYANG	3902N	12540E	36		1001.6	1006.0	24.9	.7	25.2		13	481	200	5	76	40
47069 HAEJU	3802N	12540E	81		996.4	1005.6	24.1	.5	25.6		11	433	89	5	81	60
<b>REPUBLIC OF KOREA</b>																

# SURFACE

# JULY 2012

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.
47101 CHUNCHEON	3754N	12740E	78		997.4	1006.1	25.0	.7	24.6	.6	11	286	-61	2	118	79
47105 GANGNEUNG	3745N	12850E	26		1003.0	1006.0	25.3	1.4	21.9	-1.7	10	261	44	4	183	127
47108 SEOUL	3734N	12650E	86		996.0	1005.6	25.4	.8	23.6	-1.4	15	449	80	4	144	119
47115 ULLEUNGDO	3729N	13050E	221		981.3	1006.4	23.4	1.1	24.0	.8	7	188	65	2	169	112
47133 DAEJEON	3622N	12720E	72		998.2	1006.0	26.3	1.3	27.7	2.0	12	278	-38	3	196	122
47138 POHANG	3602N	12920E	4		1006.2	1006.5	26.5	1.8	28.5	4.0	11	210	15	4	172	108
47159 BUSAN	3506N	12900E	70		998.9	1006.8	25.5	1.5	25.3	-2	9	502	246	5	221	134
47165 MOKPO	3449N	12620E	39		1002.0	1006.3	25.1	.4	29.2	2.6	12	319	109	4	169	108
47168 YEOSU	3444N	12740E	67		999.2	1006.5	25.1	.9	29.8	4.1	13	236	-24	3	182	112
47184 JEJU	3331N	12630E	23		1004.1	1006.4	26.6	1.0	29.3	2.4	10	207	-23	3	174	83
<b>JAPAN</b>																
47401 WAKKANAI	4525N	14140E	12		1007.2	1008.6	17.2	.4	17.4	.8	8	107	14	4	119	79
47407 ASAHIKAWA	4345N	14220E	140		991.9	1008.1	21.1	.7	18.4	.0	7	80	-16	3	185	105
47409 ABASHIRI	4401N	14410E	44		1003.9	1009.0	17.4	.3	17.3	.6	9	93	17	4	161	91
47412 SAPPORO	4304N	14120E	26		1004.9	1008.0	21.8	1.6	19.3	.8	3	82	14	3	206	115
47418 KUSHIRO	4259N	14420E	40		1004.7	1009.4	16.4	1.1	16.7	1.0	7	77	-33	2	139	121
47420 NEMURO	4320N	14530E	39		1006.3	1009.5	14.8	.6	15.9	.8	9	125	23	3	99	81
47421 SUTTSU	4248N	14010E	38		1003.9	1008.0	19.8	1.2	19.2	.5	5	67	-31	2	191	114
47426 URAKAWA	4210N	14240E	37		1004.4	1008.9	18.7	1.5	19.6	1.7	5	56	-81	1	134	102
47430 HAKODATE	4149N	14040E	44		1003.4	1008.5	20.7	1.4	19.9	.8	5	55	-59	1	150	103
47570 WAKAMATSU	3729N	13950E	217		984.2	1008.3	24.6	1.2	23.8	1.2	10	195	37	4	178	108
47575 AOMORI	4049N	14040E	4		1007.9	1008.4	21.9	1.0	21.4	1.0	8	243	143	5	196	109
47582 AKITA	3943N	14000E	22		1005.8	1008.3	23.6	1.0	22.9	.8	9	208	22	4	176	101
47590 SENDAI	3816N	14050E	44		1004.0	1009.0	22.8	.8	23.2	.9	9	164	14	3	128	103
47600 WAJIMA	3724N	13650E	15		1007.2	1008.0	25.1	1.4	25.4	1.3	9	170	-22	4	195	110
47605 KANAZAWA	3635N	13630E	34		1004.1	1008.0	26.8	1.6	25.6	.7	11	228	-22	4	203	122
47624 MAEBASHI	3624N	13900E	114		995.5	1008.4	26.1	1.7	24.4	.5	12	167	-5	2	142	115
47636 NAGOYA	3510N	13650E	56		1002.3	1008.7	26.9	1.1	26.3	.9	11	224	12	4	183	117
47648 CHOSHI	3544N	14050E	28		1006.0	1009.2	23.6	1.0	26.2	1.6	10	77	-23	3	182	112
47655 OMAEZAKI	3436N	13810E	47		1003.9	1009.3	25.1	.6	28.2	1.2	8	100	-122	1	207	117
47662 TOKYO	3541N	13940E	36		1004.5	1008.7	26.4	1.2	25.9	1.7	12	130	4	2	181	132
47675 OSHIMA	3445N	13920E	80		1000.8	1009.4	24.6	1.6	27.7	2.3	10	107	-105	1	163	128
47678 HACHIJOJIMA	3307N	13940E	156		992.2	1010.0	25.1	.0	28.4	.3	11	153	-36	3	165	110
47740 SAIGO	3612N	13320E	32		1004.3	1007.5	25.1	1.0	26.4	1.1	9	237	42	3	197	106
47741 MATSUE	3527N	13300E	23		1005.0	1007.5	26.7	1.5	27.6	1.1	10	155	-113	2	222	118
47746 TOTTORI	3529N	13410E	16		1006.0	1007.8	27.2	1.7	26.3	.8	10	116	-86	2	213	119
47750 MAIZURU	3527N	13510E	23		1005.6	1008.2	26.7	1.5	26.2	1.3	10	183	14	3	184	112
47772 OSAKA	3441N	13530E	83		999.1	1008.5	27.8	.8	26.1	.8	9	194	38	4	207	113
47778 SHIONOMISAKI	3327N	13540E	76		1001.4	1009.2	26.0	.8	29.0	1.1	8	108	-177	1	219	117
47800 IZUHARA	3412N	12910E	19		1006.8	1007.3	26.0	1.2	29.1	2.4	13	249	-93	2	155	116
47807 FUKUOKA	3335N	13020E	15		1005.9	1007.6	28.0	1.1	28.6	1.8	10	464	207	5	175	99
47815 OITA	3314N	13130E	13		1006.6	1008.1	26.8	.7	26.5	-2	16	517	277	5	177	98
47817 NAGASAKI	3244N	12950E	36		1003.9	1008.0	27.1	.5	30.5	2.4	15	223	-110	2	164	89
47827 KAGOSHIMA	3133N	13030E	32		1004.8	1008.4	28.0	.6	30.9	2.4	14	418	115	4	160	85
47830 MIYAZAKI	3156N	13120E	15		1006.8	1008.5	27.3	.4	29.2	.7	16	395	107	4	186	87

# SURFACE

# JULY 2012

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.
47843 FUKUE	3242N	12850E	27		1004.6	1007.6	26.6	.9	29.8	1.1	20	229	-84	2	137	85
47887 MATSUYAMA	3351N	13240E	34		1004.4	1008.2	27.3	.9	27.0	1.6	12	200	51	3	201	103
47891 TAKAMATSU	3419N	13400E	14		1006.6	1008.1	27.7	1.4	27.0	.4	12	166	37	4	204	99
47909 NAZE	2823N	12930E	8		1007.7	1008.6	28.9	.5	30.0	.1	10	284	64	4	235	105
47918 ISHIGAKIJIMA	2420N	12410E	11		1004.9	1006.6	29.7	.5	33.2	1.0	12	139	-42	4	276	104
47927 MIYAKOJIMA	2448N	12510E	42		1002.5	1007.2	29.1	.8	33.4	2.0	10	79	-83	2	254	97
47936 NAHA	2612N	12740E	28		1002.5	1008.1	29.1	.8	31.7	.8	10	96	-94	3	240	93
47945 MINAMIDAITOJIMA	2550N	13110E	21		1006.8	1009.1	28.9	.8	31.1	-1.1	10	108	-19	4	252	96
47971 CHICHIJIMA	2706N	14210E	8		1010.5	1011.4	27.3	.1	30.7	.9	4	22	-48	2	273	111
47991 MINAMITORISHIMA	2417N	15350E	9		1012.5	1013.5	28.2	.2	28.3	-1.2	16	124	-58	3	248	94
<b>THAILAND</b>																
48327 CHIANG MAI	1847N	09859E	314		970.2	1005.1	27.6	.6	28.6	.7	11	106	-55	2	108	71
48354 UDON THANI	1723N	10240E	178		984.2	1004.3	28.1	.2	29.4	-2.2	17	129	-93	2		
48378 PHITSANULOK	1647N	10010E	46		1000.2	1005.4	27.8	-3.3	30.6	.8	19	246	56	4	128	72
48400 NAKHON SAWAN	1548N	10010E	35		1001.2	1005.2	28.6	-3.3	30.7	1.0	11	119	-15	3	120	67
48431 NAKHON RATCHASIMA	1458N	10200E	187		984.5	1005.5	28.9	1.0	30.3	2.3	7	67	-55	1		
48455 BANGKOK	1344N	10030E	4		1006.2	1006.7	28.7	.4	30.9	1.0	18	196	41	4	110	64
48462 ARANYAPRATHET	1342N	10230E	49		1000.9	1006.5	28.2	.6	31.0	1.0	14	182	0	3		
48480 CHANTHA BURI	1237N	10200E	4		1006.4	1006.8	27.7	.6	31.4	.8	23	475	35	4	108	77
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1006.5	1007.2	27.8	.0	29.1	.5	16	147	58	5		
48517 CHUMPHON	1029N	09911E	6		1007.1	1007.8	27.9	.9	29.5	.2	10	75	-99	1		
48568 SONGKHLA	0712N	10030E	7		1007.3	1008.0	28.8	.5	28.6	-4.4	6	39	-56	1	195	91
<b>VIET NAM</b>																
48806 SON LA	2120N	10350E	676		928.6	1003.3	25.4		26.8		20	301		4	171	
48808 CAO BANG	2240N	10610E	244		975.1	1002.5	27.1		31.4		20	318		4	154	80
48820 HA NOI	2102N	10540E	6		999.3	1000.1	30.3		31.9		14	269		4	108	60
48826 PHU LIEN	2048N	10630E	116		989.4	1002.9	28.3		33.4		15	336		4	208	95
48830 LANG SON	2150N	10640E	263		972.7	1002.3	27.1		30.5		11	218		4	186	95
48840 THANH HOA	1945N	10540E	5		1001.0	1001.6	28.7		32.9		14	195		6	208	90
48845 VINH	1840N	10540E	6		1001.4	1002.1	30.5		29.7		3	85		3	230	95
48848 DONG HOI	1729N	10630E	8		1002.3	1003.1	29.6		29.8		8	108		4	227	85
48852 HUE	1626N	10730E	10		1002.3	1003.3	28.9		29.7		4	25			234	90
48855 DA NANG	1604N	10820E	7		1003.2	1004.0	29.6		29.8		8	32		1	242	90
48870 QUY NHON	1346N	10910E	6		1003.9	1004.6	30.0		31.0		8	108		5	241	90
48877 NHA TRANG	1213N	10910E	4		1004.7	1005.2	29.4		30.7		4	151		6	250	100
48887 PHAN THIET	1056N	10800E	8		1006.5	1027.1	27.2		30.0		20	296		4	243	
48914 CA MAU	0911N	10500E	2		1007.9	1008.1	27.5		31.3		15	288		3	141	15
48917 PHU QUOC	1013N	10350E	4		1007.4	1008.0	28.0		31.8		22	63			162	
<b>LAO PDR</b>																
48930 LUANG-PRABANG	1953N	10200E	305		969.7	1003.9	27.7	.7	29.4	-1.2		0306	0078		102	81
48938 SAYABOURY	1914N	10140E	326		971.0	1003.7	27.4		29.4							

# SURFACE

# JULY 2012

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.
48940 VIENTIANE	1757N	10230E	171		983.8	1002.6	27.6	.1	29.9	-2	8	0298	0033		121	82
48946 THAKHEK	1723N	10430E	152		987.6	1003.9	27.9		35.0		3				126	
48947 SAVANNAKHET	1633N	10430E	145		992.5	1009.1	28.0	1.0	30.7	2.0		0214	0000		150	
48948 SENO	1640N	10500E	185		984.4	1005.3	27.2		29.2		7				139	
48955 PAKSE	1507N	10510E	102		993.6	1004.7	28.3	1.6	30.2	.6	5	0209	-174	1	144	99
<b>CHINA</b>																
50527 HAILAR	4913N	11940E	611		930.3	1002.9	21.2	1.5	16.7	.7	9	79	-24	2	274	95
50745 QIQIHAR	4723N	12350E	148		985.9	1002.9	23.9	1.1	22.5	2.5	13	260	123	5	208	78
51076 ALTAY	4744N	08805E	737		922.0	1003.6	21.9	-1	15.2	2.8	6	56	34	5	322	94
51431 YINING	4357N	08120E	664		931.4	1004.8	24.5	1.7	13.4	-1.5	3	12	-11	2	366	114
51463 WU LU MU QI	4348N	08739E	947		902.5	1004.1	24.6		12.4		6	28		3	313	100
51709 KASHI	3928N	07559E	1291		864.1	1000.1	25.3	-4	12.4	.2	4	36	29	5	362	116
51777 RUOQIANG	3902N	08810E	889		903.2	998.1	28.5	1.3	13.8	2.0	2	6	-4	3	285	94
51828 HOTAN	3708N	07956E	1375		855.4	999.3	26.1	.7	13.0	.3	2	4	-1	3	241	100
52203 HAMI	4249N	09331E	739		918.4	998.4	27.2	.6	13.5	1.4	0	1	-5	1	377	111
52533 JIUQUAN	3946N	09829E	1478		845.3	1000.8	22.4	1.0	14.0	.9	9	80	61	6	294	104
52836 DOULAN	3618N	09806E	3190		690.7		14.0	-7	10.2	2.8	16	107	71	5	175	65
53068 ERENHOT	4339N	11200E	966		896.9	1001.5	23.2	.2	14.6	2.2	8	53	17	5	307	97
53614 YINCHUAN	3828N	10610E	1112		881.2	999.9	24.8	1.5	17.5	-2	7	143	101	6	271	95
53772 TAIYUAN	3747N	11230E	779		917.8	1003.1	24.5	1.2	20.6	.0	9	195	75	5	202	86
54292 YANJI	4252N	12930E	178		976.2	1005.9	21.1	-1	19.8	-3	11	121	17	3	199	112
54342 SHENYANG	4144N	12331E	43		997.9	1003.6	24.8	.3	25.1	1.3	9	103	-63	2	210	98
54511 BEIJING	3956N	11610E	55		998.6	1002.3	27.4	1.5	25.2	.1	11	284	109	5	166	74
54857 QINGDAO	3604N	12020E	77		995.3	1004.0	24.9	1.1	28.5	2.1	9	193	16	5	115	63
55591 LHASA	2940N	09108E	3650		652.1		16.9	1.6	11.0	.3	18	133	14	4	210	93
56137 QAMDO	3109N	09710E	3307		679.3	993.1	17.0	.8	12.6	1.4	21	142	40	5	188	95
56571 XICHANG	2754N	10210E	1599		833.7		22.9	.3	20.7	.6	14	432	222	5	102	56
56739 TENGCHONG	2507N	09829E	1649		829.3		20.0	.5	20.3	.0	26	350	72	4	84	115
56778 KUNMING	2501N	10240E	1892		806.2		20.5	.8	19.4	.4	14	155	-49	2	113	80
56985 MENGZI	2323N	10320E	1302		863.3	1001.4	23.4		20.9		15	184		4	132	95
57083 ZHENGZHOU	3443N	11330E	111		989.7	1002.3	28.9	1.8	24.8	-2.2	7	89	-57	1	203	95
57461 YICHANG	3042N	11110E	134		987.1	1002.2	29.0	1.1	29.9	.3	8	92	-118	1	184	89
57745 ZHIJIANG	2727N	10940E	273		972.0	1002.5	28.0	.6	27.5	-9	9	215	97	4	229	92
57993 GANZHOU	2552N	11500E	138		988.6	1004.2	30.3	.8	28.6	.1	6	46	-50	1	291	107
58362 SHANGHAI	3124N	12120E	8		1003.9	1004.7	29.7		28.6		9	109		2	208	100
58606 NANCHANG	2836N	11550E	50		998.1	1003.5	31.0	1.5	30.8	-1	5	90	-32	3	293	112
59287 GUANGZHOU	2310N	11320E	42		996.3	1004.4	28.1	-4	30.6	-1.2	14	137	-90	2	218	100
59316 SHANTOU	2324N	11640E	3		1005.1	1005.6	28.9	.7	32.2	.3	9	184	-22	2	227	92
59431 NANNING	2238N	10810E	126		989.0	1002.9	28.2	-2	30.0	-1.1	8	109	-92	1	189	87
59758 HAIKOU	2002N	11020E	24		996.1	1003.4	28.5	.1	30.0	-1.6	13	324	114	5	246	95
<b>AFRICA</b>																

# SURFACE

# JULY 2012

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.
<b>MADEIRA</b> 08522 FUNCHAL	3238N	01654W	58		1013.5	1020.2	22.8	1.7	18.2	-1.1	1	9	7	5	271	119
<b>SPAIN (CANARY ISLANDS)</b>																
60001 HIERRO/AEROPUERTO	2749N	01753W	32		1013.6	1017.3	23.5		21.7		0	T		6	261	120
60005 LA PALMA/AEROPUERTO	2837N	01745W	31		1013.1	1016.7	23.8		19.9		0	T		5	258	120
<b>60010 IZANA</b>	2819N	01630W	2371		773.8	1011.9	19.5		3.9		0	0		3	368	95
60020 STA. CRUZ DE TENERIFE	2827N	01615W	36		1011.6	1015.8	25.7	1.2	19.0	1.8	0	T	T	6	351	105
60030 LAS PALMAS DE GRAN CANARIA/G	2756N	01523W	47		1009.3	1014.7	24.5	1.2	18.0	-1.1	0	0	-1	5	265	90
60035 FUERTEVENTURA/AEROPUERTO	2827N	01352W	30		1011.8	1015.2	24.8		19.5		0	0		3	308	110
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1012.8	1015.2	25.3	1.6	18.9	-4	0	0	0	5	301	107
<b>MOROCCO</b>																
60101 TANGER (AERODROME)	3544N	00554W	21		1013.3	1015.7	23.2	-3	17.3		0	0	-2	0		
60115 OUJDA	3447N	00156W	470		962.3	1014.1	26.6	1.8	15.0		0	0	-2	0	363	100
60120 KENITRA	3418N	00636W	14		1013.7	1015.3	22.9	-1	21.7			3		0	352	105
60135 RABAT-SALE	3403N	00646W	84		1006.7	1015.4	21.7	-5	18.7		0	0	-1	0	262	100
60150 MEKNES	3353N	00532W	576		952.0	1014.1	27.0	1.8	14.0		0	0	-2	0	354	100
60230 MARRAKECH	3137N	00802W	468		962.0	1012.4	30.7	2.4	14.7			1	0	4	308	90
<b>60265 OUARZAZATE</b>	3056N	00654W	1140		889.7	1543 Y	31.7	2.2	6.3		1	2	1	4	297	70
<b>SPAIN (CEUTA AND MELILLA)</b>																
60338 MELILLA	3517N	00257W	55		1008.8	1015.0	26.0	1.5	20.2	-1.0	0	T	-1	3	334	123
<b>ALGERIA</b>																
60351 JIJEL-ACHOUAT	3648N	00553E	10		1013.1	1014.5	26.4		24.7		0	T			312	70
60353 JIJEL-PORT	3649N	00553E	6		1013.8	1014.5	26.8		27.5		0				267	60
60355 SKIKDA	3653N	00654E	3		1014.2	1014.5	26.1	2.2	23.5		0	0	-2	2		
60360 ANNABA	3650N	00749E	4		1014.1	1015.1	26.0	1.7	26.2		1	1	-1	0	321	70
60367 EL-KALA	3654N	00827E	13		1014.0	1015.6	26.9		27.2		2	3				0
60369 ALGER-PORT	3646N	00306E	12		1014.3	1015.1	25.7		18.3		0	T		4		
60387 DELLYS	3655N	00357E	8		1013.5	1014.1	24.7		23.4		0	0			253	
60390 DAR-EL-BEIDA	3641N	00313E	29		1011.9	1015.2	26.1	1.5	23.0			T	-4	2	316	70
60395 TIZI-OUZOU	3642N	00403E	189		996.6	1014.3	27.8		20.8		0	0			339	
60402 BEJAIA-AEROPORT	3643N	00504E	3		1014.6	1015.5	25.4	1.4	25.4		1	1	-4	3	295	65
60403 GUELMA	3628N	00728E	228		989.2	1014.9	28.2		19.8		3	1			364	
60405 BOUCHEGOUF	3630N	00743E	111		1014.2	1001.6	25.5		22.4		3	14		1		
60410 TENES	3630N	00120E	18		1013.7	1015.8	25.9		24.8		1	1				
60415 AIN-BESSAM	3619N	00332E	748		932.2	1558 Y	27.6		14.3		0	T			351	80
60417 BOUIRA	3623N	00353E	560		951.3	1012.8	28.0		17.1		0	T			330	70
60419 CONSTANTINE	3617N	00637E	694		938.2	1013.8	27.4	2.2	14.8		1	2	-6	3	352	75
60421 OUM EL BOUAGHI	3552N	00707E	891		916.3		27.9		17.1		3	12			348	
60423 SOUK AHRAS	3617N	00758E	680		921.9		26.7		17.4		2	3			350	

# SURFACE

# JULY 2012

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.
60425 CHLEF	3613N	00120E	144		995.3	1013.7	30.0	1.0	16.5		0	T	-1	3	352	
60430 MILIANA	3618N	00214E	721		935.4	1014.0	27.7	1.1	16.6		0	0	-5	2	344	
60437 MEDEA	3617N	00244E	1036		899.4		26.7		14.5		1	3			345	
60444 BORDJ-BOU-ARRERIDJ	3604N	00446E	930				29.1		13.0		3	7			356	
60445 SETIF	3611N	00515E	1040		904.3		27.5		12.8		0	1			356	
60452 ARZEW	3549N	00016W	4		1013.9	1014.3	25.4		24.6		1	3				
60457 MOSTAGANEM	3553N	00007E	138		998.2	1014.3	25.5		20.8		0	0				
60461 ORAN-PORT	3542N	00039W	22		1012.3	1015.4	26.3		23.0		1	2				
60467 M'SILA	3540N	00430E	442		963.5	1011.5	33.9		12.2		0	0			335	75
60468 BATNA	3545N	00619E	826		923.8		28.5	3.6	14.2		2	4	-3	5	359	
60471 BARIKA	3520N	00520E	461		961.8	1012.0	33.5		15.1		0	T				
60475 TEBESSA	3525N	00807E	823		924.4	1557 Y	28.9	3.5	16.4		1	4	-7	3	338	75
60476 KHENCHELLA	3528N	00705E	987		906.9	1555 Y	28.2		14.6		1	3			272	
60490 ORAN-SENIA	3538N	00036W	91		1004.1	1014.5	26.0	1.2	10.3		1	3	2	5	345	75
60511 TIARET	3521N	00128E	978		907.1		27.5		11.2		0	0			340	
60514 KSAR CHELLALA	3510N	00219E	801		927.0		30.5		12.7		3	5			324	
60515 BOU-SAADA	3520N	00412E	461		961.8	1011.8	34.4		14.3		1	2			312	
60517 GHAZAOUET	3506N	00152W	5		1014.7	1015.4	25.5		22.7		0	0				
60518 BENI-SAF	3518N	00121W	70		1005.4	1013.4	25.8		23.6		1	4			163	
60520 SIDI-BEL-ABBES	3512N	00037W	476		959.3	1013.3	26.7		13.6		0	0			336	
60522 MAGHNIA	3449N	00147W	428		966.7	1014.3	27.3		14.6		1	1			328	
60525 BISKRA	3448N	00544E	89		1001.3	1011.1	36.3	3.1	13.5		1	1	0	4	356	80
60531 TLEMEN-CEN-ZENATA	3501N	00128W	247		987.1	1015.0	26.2		17.6		1	4			339	80
60535 DJELFA	3420N	00323E	1185		886.1		28.6	2.9	13.0		1	2	-7	3	292	
60536 SAIDA	3452N	00009E	752		931.1		28.4		12.9		1	2			341	
60540 EL-KHEITER	3409N	00004E	1001		906.6		29.8		13.2		4	9				
60545 LAGHOUAT	3346N	00256E	763		929.5	1554 Y	33.2		11.4		2	6			304	75
60549 MECHERIA	3335N	00017W	1150		893.3		30.3		17.9		0	0			227	
60550 EL-BAYADH	3340N	00100E	1347		870.1	1555 Y	28.9		9.2		01	1			316	
60555 TOUGGOURT	3307N	00608E	92		1002.1	1012.3	36.3		13.7		0	0			369	
60557 NAAMA	3316N	00018W	1166		887.4	1548 Y	30.3		10.3		1	6				
60559 EL-OUED	3330N	00647E	69		1004.5	1012.1	36.3	3.8	14.9		0	0	-1	4	365	
60560 AIN-SEFRA	3246N	00036W	1059		896.4		31.3		13.8		1	3			282	
60563 HASSIR'MEL	3256N	00317E	764		919.3	1475 Y	35.2		13.2		1	2			349	80
60566 GHARDAIA	3224N	00348E	469		960.9	1011.6	36.8	4.1	12.1		0	T	-1	4	352	
60571 BECHAR	3130N	00215W	816		924.0	1558 Y	35.5	2.5	12.4		0	0	-1	3		
60580 OUARGLA	3156N	00524E	148		994.9	1011.1	37.5		14.7		1	1			321	
60581 HASSI-MESSAOUD	3140N	00609E	144		995.4	1011.4	36.9	3.0	13.3		0	0	-1	5	373	
60590 EL-GOLEA	3034N	00252E	403		967.4		36.0	3.4	11.7		0	0	-1	5	362	75
60602 BENI-ABBES	3008N	00210W	505		954.4	1008.1	38.1	3.2	11.3		0	0	-1	4	335	
60607 TIMMOUN	2915N	00017E	317		974.4	1008.6	38.1	2.8	7.7		0	0	0	5	335	
60620 ADRAR	2753N	00011W	283		977.3	1007.9	38.7	2.7	7.5		1	1	1	5	329	
60630 IN-SALAH	2714N	00230E	269		979.0	1008.2	38.5	1.5	8.3		0	0	0	5	353	95
60640 ILLIZI	2630N	00825E	544		950.6	1009.4	34.2		10.4		0	0			376	
60656 TINDOUF	2742N	00810W	443		959.3	1006.6	37.0		11.5		0	0			299	
60670 DJANET	2416N	00928E	970		905.2	1533 Y	32.2	1.1	8.1		0	0	-1	5	369	100



# SURFACE

# JULY 2012

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.
60680 TAMANRASSET	2248N	00526E	1364		864.3	1525 Y	30.2	1.5	8.6		0	T	-4	2	298	90
60686 BORDJ-BADJ-MOKHTAR	2120N	00057E	399		962.5	1005.4	36.5		12.7		2	6			48	
<b>TUNISIA</b>																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1014.0	1014.5	29.5	3.2	20.0		2	4	1	4	353	99
60725 JENDOUBA	3629N	00848E	144		997.9	1014.1	29.1	2.1	21.9		1	6	1	5	353	102
60735 KAIROUAN	3540N	01006E	68		1006.4	1014.1	32.2	3.7	18.6		0	0	-6	3	353	98
60745 GAFSA	3425N	00849E	314		978.5	1013.0	32.7	3.8	14.5		0	0	-1	4	267	75
60765 GABES	3353N	01006E	5		1013.6	1013.9	29.1	2.5	31.0		0	0	-1	5	343	92
<b>NIGER</b>																
61017 BILMA	1841N	01255E	357		967.0	1005.7	35.0		16.8		00	T		3	297	85
61024 AGADEZ	1658N	00759E	502		952.9	1007.5	31.8		20.5		10	84		6		
61036 TILLABERY	1412N	00127E	210		985.8	1009.1	29.7		25.9		10	208		5	247	95
61045 GOURE	1359N	01018E	464		960.3	1008.7	28.8		23.5		6	82		2	269	
61049 N'GUIGMI	1415N	01307E	286		976.4	1007.4	29.7		26.1		9	114		5	217	80
61052 NIAMEY-AERO	1329N	00210E	227		985.4	1010.6	29.1		25.9		10	125		2	239	90
<b>SENEGAL</b>																
61600 SAINT-LOUIS	1603N	01627W	4		1011.5	1012.0	27.7		30.2	1.9	6	74	34	5	214	88
61612 PODOR	1639N	01458W	7		1010.1	1010.9	31.2		27.4	6.0	05	75	34		221	
61630 MATAM	1539N	01315W	17		1009.0	1010.9	30.9		29.8	5.1	7	84	-1	4	234	86
61641 DAKAR/YOFF	1444N	01730W	27		1009.3	1012.5	27.5		29.3	1.6	5	70	10	4	230	99
61666 DIOURBEL	1439N	01614W	9		1010.9	1011.7	29.4		30.7	3.4	9	138	33	5	220	90
61679 KAOLACK	1408N	01604W	7		1012.1	1012.8	28.9		3.1		15	0193	0059	5	230	93
61687 TAMBACOUNDA	1346N	01341W	50		1006.3	1011.9	28.3		28.3	.5	11	102	-83	1	197	92
61695 ZIGUINCHOR	1233N	01616W	26		1010.3	1012.9	26.9		31.0	1.7		44	-251	2	125	69
61698 KOLDA	1253N	01458W	10		1011.4	1012.5	27.2				2				174	83
61699 KEDOUGOU	1234N	01213W	178		991.1	1009.8	26.9		29.2		19	279	18	3	143	66
<b>OCEAN ISLANDS</b>																
61901 ST. HELENA IS.	1556S	00540W	436		969.5	1020.6	15.8				12	57			91	75
61976 SERGE-FROLOW (ILE TROMELIN)	1548S	05430E	13		1015.7	1017.2	24.2		22.6		12	49		6		
61996 MARTIN DE VIVIES (ILE AMSTER)	3748S	07730E	29		1021.7	1022.5	11.6		10.8		10	50	-54			
61998 PORT-AUX-FRANCAIS (ILES KERG)	4918S	07012E	29		1004.7	1008.4	3.1	1.1	6.1		12	113	48		81	96
<b>MAURITIUS</b>																
61974 AGALEGA	1026S	05645E	3		1013.3	1013.8	25.4	.2	24.9	-5	13	180	79	5	235	100
61986 ST. BRANDON (ST. RAPHAEL)	1627S	05937E	4		1016.1	1016.5	24.3	.8	23.9	.5	9	70	11	5		
61988 RODRIGUES	1941S	06325E	59		1013.1	1019.4	22.7	.8	20.3	.7	18	105	20	5	200	87
61990 PLAISANCE (MAURITIUS)	2026S	05741E	57		1014.4	1020.3	22.6	1.5	20.4	.9	15	87	-26	3	171	94
61995 VACOAS (MAURITIUS)	2018S	05730E	425		971.0		19.0	7.7	18.5		18	63		1	221	95

# SURFACE

# JULY 2012

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.
<b>EGYPT</b>																
62306 MERSA MATRUH	3120N	02713E	28		1004.9	1008.4	27.2	2.2	26.6	2.7	0	0		0		
62337 EL ARISH	3105N	03349E	32		1002.0	1005.7	28.2	2.2	26.5	3.4	0	0		0		
62378 HELWAN	2952N	03120E	141		990.3	1006.4	30.3	2.6	20.0	1.6	0	0		5		
62387 MINYA	2805N	03044E	40		1000.5	1001.0	31.0	2.3	19.4	1.7	0	0		0		
62403 SOUTH OF VALLEY UNIVERSITY	2612N	03245E	96		993.4	1004.0	34.0		15.4		0	0		0		
62414 ASSWAN	2358N	03247E	200		982.9	1004.5	36.3	2.7	11.1	1.6	0	0		3		
62417 SIWA	2912N	02519E	-13		1009.6	1008.2	32.0	2.1			0	0		0		
62423 FARAFRA	2703N	02759E	78		998.2	1007.0	32.0	1.7	12.9	1.2	0	0		0		
62435 KHARGA	2527N	03032E	78		995.5	1004.4	34.2	1.4	13.6	-1.1	0	0		0		
62453 ELHASANA	3027N	03346E	255		979.6	1005.2	29.2		20.8		0	0		0		
62467 DAHAB	2829N	03430E	19		1000.4	1002.5	33.2		21.3		0	0		0		
<b>ETHIOPIA</b>																
63331 GONDAR	1233N	03725E	1967		805.1	1022.9	18.5		17.2		26	382		5	109	
<b>KENYA</b>																
63686 ELDORET	0032N	03517E	2133		996.0	1012.8	26.9		20.9							
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		827.2	1527 Y	18.5		14.7		1	13				
<b>UNITED REPUBLIC OF TANZANIA</b>																
63756 MWANZA	0228S	03255E	1140		887.4		21.6		17.5		0	0	-13	1	290	
<b>KENYA</b>																
63799 MALINDI	0314S	04006E	23		1012.4	1015.0	25.9		24.4		7	50				
<b>UNITED REPUBLIC OF TANZANIA</b>																
63832 TABORA AIRPORT	0505S	03250E	1190		883.2	1050.7	22.0		12.4		01	1	1	0	321	
63862 DODOMA	0610S	03546E	1120		892.3	1531 Y	20.2		12.8		0	0	0	0	321	
63894 DAR ES SALAAM INT	0652S	03912E	55		1010.1	1016.4	23.4		23.3		1	3	-28		291	
63962 SONGEA	1041S	03535E	1067		899.7	1548 Y	17.8		12.2		1	T	-3	4		
63971 MTWARA	1016S	04011E	113		1003.6	1016.6	23.5		20.8		2	14	0		268	
<b>SEYCHELLES</b>																
63980 SEYCHELLES INTERNATIONAL AIR	0440S	05531E	3		1001.1	1011.4	26.5	.7	26.0	-7	8	37	-43	2	251	109
<b>DEMO. REPUBLIC OF THE CONGO</b>																
64210 KINSHASA/N'DJILI	0423S	01526E	312		1013.1		22.0		19.6			0		0		
<b>CONGO</b>																

# SURFACE

# JULY 2012

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.
64400 POINTE-NOIRE	0449S	01154E	17		1012.4	1014.3	22.7		23.3			10		4	148	115
64401 DOLISIE	0412S	01242E	331		976.5	1014.1	22.2									
64402 MOUYONDZI	0400S	01357E	512		954.9		21.3		21.6		1	2				
64403 MAKABANA	0329S	01237E	161				23.8		24.1		0	0		5	261	
64450 BRAZZAVILLE /MAYA-MAYA	0415S	01515E	319		977.1	1012.7	23.3		21.0		0	T		3	146	110
64452 M'POUYA	0237S	01613E	313				10.6		22.7		1	4				
64453 DJAMBALA	0232S	01446E	791				21.6		19.7		0	0		5	200	
64454 GAMBOMA	0154S	01551E	476		969.8		25.6		24.4		2	28				
64456 MAKOUA	0001S	01539E	394				24.7		24.5		2	3		1		
64458 OUESSO	0137N	01603E	352		917.8	1010.4	24.7		26.0		3	41		1		
<b>64459 IMPFONDO</b>	0137N	01804E	335		979.3	1012.5	25.1		27.1		4	165		1		
<b>CHAD</b>																
<b>64700 NDJAMENA</b>	1208N	01502E	295		976.3	1000.9	27.4		26.5	1.8		166	22	1	168	79
<b>CAMEROON</b>																
64910 DOUALA OBS.	0400N	00944E	10		1012.4	1013.3	26.5	1.4	30.0	2.1	19	620	-74	6	147	204
<b>NIGERIA</b>																
65167 YOLA	0914N	01228E	191		992.1	1013.1	26.4		28.6	1.1	15	157	-11	2	164	82
<b>BURKINA FASO</b>																
<b>65501 DORI</b>	1402N	00002W	277		979.2	1010.1	28.8		25.9		11	160		5	235	85
65502 OUAHIGOUYA	1334N	00225W	337		972.7	1009.9	27.7		26.7		12	136		3	250	
65503 OUAGADOUGOU	1221N	00131W	316		977.0	1011.1	27.0		26.5		15	368		6	203	85
65505 DEDOUGOU	1228N	00329W	300		977.4	1010.9	26.0		27.3		14	210		4	215	85
65507 FADA N'GOURMA	1202N	00022E	309		976.4	1010.9	26.7		27.7		12	133		2	213	
65510 BOBO-DIOULASSO	1110N	00419W	460		960.3	1011.6	25.1		27.1		18	413		6	172	85
<b>65516 BOROMO</b>	1145N	00256W	271		980.7	1011.0	26.7		27.7		19	277		5	176	80
65522 GAOUA	1020N	00311W	335		978.9	1011.5	25.9		26.9		17	254		5	172	85
<b>COTE D'IVOIRE</b>																
65557 GAGNOA	0608N	00557W	210		989.5	1013.6	24.6	-3	26.2	.0	8	537	448	3	101	84
65560 DALOA	0652N	00628W	277		982.0	1013.0	24.3		26.6		10				108	
65562 DIMBOKRO	0639N	00442W	92				26.0	.1	28.0	1.2	6	452	340	0	98	83
65578 ABIDJAN	0515N	00356W	8		1013.0	1013.9	25.2	.5	28.4	.7	10	155	-50	4	139	106
65585 ADIAKE	0518N	00318W	39		1009.9	1014.0	25.1	.2	27.1	-3	7	51	-155	2	119	123
65592 TABOU	0425N	00722W	21		1011.3	1013.6	24.8	.2	26.4	-6	9	49	-173	1	116	123
65594 SAN PEDRO	0445N	00639W	30		1011.0	1014.4	25.5		26.6		2	4		0	155	145
65599 SASSANDRA	0457N	00605W	66		1005.6	1013.1	24.5	.0	27.0	.1	4	37	-154	2	151	118
<b>ANGOLA</b>																

# SURFACE

# JULY 2012

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.
<b>66160 LUANDA</b>	0851S	01314E	74		1005.7	1013.7	21.4	-6	21.4		0	0				
<b>MADAGASCAR</b>																
<b>67009 ANTSIRANANA</b>	1221S	04918E	114		1003.5	1015.5	23.5	.0	21.3	1.3	6	224	205	4		
67012 FASCENE (NOSSI-BE)	1319S	04819E	10		1014.2	1015.3	24.0	1.7	19.3	-4.7	5	8	-29	1		
67023 SAMBAVA	1417S	05010E	5		1016.5	1017.1	21.5	.5	21.8	.1	15	0145	-031			
67027 MAHAJANGA	1540S	04621E	26		1013.8	1015.9	24.4	.2	19.4	-5	0	0	-1	3	257	88
<b>67073 MAINTIRANO</b>	1803S	04402E	23		1014.9	1017.5	23.1	.5	20.5	-6	0	0	-4	0		
<b>67083 ANTANANARIVO/IVATO</b>	1848S	04729E	1279		878.9	1553 Y	13.8	-3	16.4	3.7	0	3	-7	2	153	72
<b>67095 TOAMASINA</b>	1807S	04924E	6		1018.7	1019.4	21.5	1.1	22.0	.9	18	192	-96	2		
67152 RANOHIRA	2233S	04524E	824		924.8		16.9				1	14		0		
<b>67197 TAOLAGNARO</b>	2502S	04657E	9		1018.5	1019.5	21.4	1.6	20.1	1.6	2	7	-141	0	242	115
<b>MOZAMBIQUE</b>																
67215 PEMBA	1259S	04032E	101		1007.3	1018.7	23.1		19.0		1	0010			240	
67217 LICHINGA	1318S	03514E	1365		871.9	1578 Y	15.4		10.9		0	0		0		
67237 NAMPULA	1506S	03917E	441		966.8	1019.9	20.5		16.9		4	38		6	198	55
67283 QUELIMANE	1753S	03653E	16		1018.7	1020.6	20.8		19.5		1	8			247	70
67297 BEIRA	1948S	03454E	16		1019.2	1020.1	20.8		18.5		5	12		2	275	
67323 INHAMBANE	2352S	03523E	15		1019.2	1020.8	21.5		22.4		3	0031		3	272	
67341 MAPUTO/MAVALANE	2555S	03234E	44		1013.2	1020.7	20.1		17.9		1	T		0		
<b>ZIMBABWE</b>																
67775 HARARE (KUTSAGA)	1755S	03108E	1480		855.5	1558 Y	13.3	-1	8.0		0	0	-1			
67964 BULAWAYO (GOETZ OBSY.)	2009S	02837E	1344		871.6	1557 Y	14.5		7.3		0	0	-1			
<b>NAMIBIA</b>																
<b>68014 GROOTFONTEIN</b>	1936S	01807E	1411		856.5		19.0		7.2		0	0				
<b>68110 WINDHOEK</b>	2234S	01706E	1728		832.6		23.0		6.3		0	0			300	
<b>SOUTH AFRICA</b>																
<b>68174 PIETERSBURG</b>	2350S	02925E	1228		885.1	1567 Y	13.6		7.3		0	0	-3	4	287	103
68242 MMABATHO	2547S	02532E	1281		878.0	1553 Y	13.1		5.0		0	0			304	
68262 PRETORIA	2544S	02811E	1326		876.1	1562 Y	14.2		6.3		0	0	-3	3		
<b>NAMIBIA</b>																
<b>68312 KEETMANSHOOP</b>	2632S	01807E	1100		901.1		15.1		5.0		1	1				
<b>SOUTH AFRICA</b>																
<b>68424 UPINGTON</b>	2825S	02116E	851		926.3	1557 Y	11.0		6.5		2	7	5	5	274	95
68442 BLOEMFONTEIN AIRPORT	2906S	02618E	1359				7.5		5.6		2	10	1	4	249	92

# SURFACE

# JULY 2012

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.
68461 BETHLEHEM	2815S	02820E	1690		836.8	1558 Y	7.4		5.2		2	3		1	275	105
68512 SPRINGBOK	2940S	01754E	1007		907.7	1557 Y	11.3		6.7		3	13		2	269	
68538 DE AAR	3039S	02400E	1287		877.2	1546 Y	8.8		6.4		2	17		4	267	
<b>68618 CALVINIA</b>	3128S	01946E	975		911.4	1556 Y	8.6		6.8		3	9		2	236	95
68816 CAPE TOWN INTNL. AIRPORT	3358S	01836E	46				12.4		10.5		11	92	9	3	188	97
68828 GEORGE AIRPORT	3401S	02223E	191				11.9		10.2		10	129			192	85
68842 PORT ELIZABETH	3359S	02537E	69				13.1		9.2		12	187	140	5	194	85
<b>68906 GOUGH ISLAND</b>	4021S	00953W	54		1011.7	1018.3	10.7		10.2							
<b>68994 MARION ISLAND</b>	4653S	03752E	22		1006.8	1009.8	4.0		7.0		19	140	-54	1		
<b>N AMERICA</b>																
<b>USA (ALASKA)</b>																
<b>70026 BARROW/W. POST W. ROGERS</b>	7117N	15647W	12		1009.7	1010.3	6.6	2.5	7.8		3	14	-9	4		
<b>70086 BARTER ISLAND</b>	7008N	14338W	15				8.8									
<b>70133 KOTZEBUE, RALPH WIEN</b>	6653N	16236W	5		1008.6	1009.3	12.3	.2	11.5		12	89	52	6		
<b>70200 NOME, AK</b>	6430N	16526W	6		1008.7	1009.7	10.6	-.2	10.4		14	159	104	6		
<b>70219 BETHEL/BETHEL AIRPORT, AK</b>	6046N	16150W	44		1005.8	1011.7	11.3	-1.5	10.7		21	100	50	5		
<b>70231 MCGRATH, AK</b>	6257N	15530W	103		999.6	1012.3	13.7	-1.1	11.1		14	101	49	5		
<b>70251 TALKEETNA</b>	6218N	15000W	109		1001.0	1014.3	13.7	-1.0	11.4		11	56	-36	2		
<b>70261 FAIRBANKS/INT., AK</b>	6448N	14750W	135		994.4	1011.3	16.0	-.9	11.7		10	44	-3	4		
<b>70273 ANCHORAGE/INT., AK</b>	6109N	14950W	50		1009.2	1014.2	13.1	-1.6	11.3		12	54	11	5		
<b>70308 ST. PAUL ISLANDS, AK</b>	5709N	17013W	10		1011.0	1012.5	7.1	-.7	9.4		13	59	11	5		
<b>70316 COLD BAY, AK</b>	5512N	16240W	31		1009.5	1013.6	9.1	-1.2	9.9		12	56	-8	4		
<b>70326 KING SALMON, AK</b>	5840N	15630W	14		1010.0	1011.9	11.3	-1.3	11.0		19	121	65	6		
<b>70341 HOMER/MUNICIPAL</b>	5938N	15130W	24		1011.5	1014.3	10.1	-1.8	10.4		7	31	-6	3		
<b>70361 YAKUTAT, AK</b>	5931N	13940W	13		1016.5	1017.7	11.1	-.9	11.4		18	134	-73	3		
<b>70398 ANNETTE ISLAND, AK</b>	5502N	13130W	35		1014.1	1018.3	13.9	-.7	13.1		14	210	102	5		
<b>USA</b>																
<b>72201 KEY WEST/INT., FL</b>	2433N	08145W	5		1016.8	1017.5	28.0	-1.1	29.7		11	215	124	5		
<b>72202 MIAMI, FL</b>	2545N	08023W	5		1016.9	1018.0	28.6	.5	27.5		9	227	83	5	218	71
<b>72203 WEST PALM BEACH/ INT. FL.</b>	2641N	08006W	7		1016.9	1017.6	28.1	.2	28.3		10	136	-20	4		
<b>72205 ORLANDO/JETPORT FL.</b>	2826N	08119W	32		1014.0	1017.8	28.3	.4	25.3		12	83	-101	0		
<b>72206 JACKSONVILLE/INTNL.,</b>	3029N	08142W	11		1015.7	1017.1	28.2	.6	26.6		6	85	-57	1		
<b>72207 SAVANNAH/MUNICIPAL,</b>	3208N	08112W	15		1014.8	1016.6	28.9	1.2	26.1		8	152	-10	4		
<b>72208 CHARLESTON/MUN., SC.</b>	3253N	08001W	15		1014.7	1016.4	28.7	1.2	27.1		9	121	-52	3		
<b>72211 TAMPA/INT., FL.</b>	2758N	08232W	8		1017.4	1017.9	28.5	.5	26.8		14	214	47	5		
<b>72214 TALLAHASSEE/MUN.,</b>	3023N	08421W	19		1014.6	1017.1	28.3	.9	25.3		13	122	-102	2		
<b>72217 MACON/LEWIS B. WILSON, GA.</b>	3242N	08339W	110		1003.5	1016.2	28.5	1.2	23.9		8	144	35	5		
<b>72218 AUGUSTA/BUSH FIELD,</b>	3322N	08158W	45		1010.6	1015.9	28.7	1.6	24.9		6	39	-68	2		
<b>72219 ATLANTA/MUN., GA.</b>	3339N	08425W	315		980.3	1016.3	28.8	2.8	21.9		11	90	-37	3		
<b>72223 MOBILE/BATES FIELD,</b>	3041N	08815W	67		1009.0	1016.9	27.6	-.3	26.5		15	172	-2	4		

# SURFACE

# JULY 2012

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.
72226 MONTGOMERY/DANNELLY,	3218N	08624W	67		1009.2	1016.4	29.2	1.8	25.2		3	33	-98	1		
<b>72231 NEW ORLEANS/MOISANT INT., LA</b>	2959N	09015W	9		1015.8	1016.9	28.4	.7	28.5		15	294	139	6		
<b>72234 MERIDIAN/KEY, MS.</b>	3220N	08845W	94		1005.4	1016.4	27.6		26.4		11	167		5		
72235 JACKSON/ALLEN C. THOMPSON FI	3219N	09004W	91		1004.4	1016.1	28.5	1.0	25.9		11	198	84	5		
72240 LAKE CHARLES/MUN.,	3007N	09312W	5		1015.7	1016.9	27.7	-2	28.2		14	327	195	5		
72242 GALVESTON, TX.	2918N	09448W	16		1015.8		29.3	.8			8	142	42	5		
72243 HOUSTON/INTERCONTINENTAL, TX	2958N	09521W	33		1011.8	1015.7	28.3	.2	26.3		6	120	29	4		
72247 LONGVIEW, TX.	3221N	09439W	124		1002.0	1014.9	29.4		25.3		7	79				
<b>72248 SHREVEPORT/REG., LA.</b>	3227N	09350W	85		1005.8	1015.0	28.9	.7	26.5		6	146	53	5		
72250 BROWNSVILLE/INT., TX	2555N	09725W	8		1013.9	1014.7	29.7	.5	27.4		4	55	7	5		
72251 CORPUS CHRISTI/INT.,	2746N	09730W	15		1013.2	1014.8	30.0	1.1	27.5		4	34	-26	4		
<b>72253 SAN ANTONIO/INT.,</b>	2932N	09828W	247		986.5	1014.0	29.6	.2	24.4		5	96	42	5		
72254 AUSTIN/CTY, TX.	3018N	09742W	193		992.0	1014.5	29.5	.3	23.9		6	148	97	5		
72255 VICTORIA/VICTORIA REGIONAL,	2851N	09655W	36		1011.1	1015.4	28.7	-2	26.5		7	155	71	5		
72256 WACO, MADISON-COOPER,	3137N	09713W	157		996.6	1014.4	30.2	.4	23.5		5	89	39	5		
72259 DALLAS-FORT WORTH/FORT WORTH	3254N	09702W	182		992.9	1013.7	31.0	1.4	21.1		2	20	-38	3		
72263 SAN ANGELO/MATHIS,	3122N	10030W	584		948.5	1013.4	29.8	1.6	16.8		2	13	-13	3		
72265 MIDLAND/MIDLAND REG. AIR TER	3156N	10210W	875		916.5	1012.3	28.7	.9	16.8		4	33	-10	4		
<b>72266 ABILENE/MUN., TX.</b>	3225N	09941W	546		952.1	1013.2	29.8	.9	18.5		3	38	-15	4		
72267 LUBBOCK/LUBBOCK INTERNATIONA	3339N	10140W	996		904.5	1012.6	27.8	1.1	15.4		3	7	-53	2		
<b>72270 EL PASO/INT., TX.</b>	3148N	10620W	1206		882.0	1010.3	28.1	.2	14.3		8	61	22	5		
72274 TUCSON/INT., AZ.	3207N	11050W	788		925.1	1010.5	29.9	-4	16.1		8	105	45	5		
<b>72278 PHOENIX/SKY HARBOR,</b>	3326N	11200W	344		970.8	1008.6	34.4	.2	15.8		6	25	4	5		
<b>72290 SAN DIEGO/LINDBERGH,</b>	3244N	11710W	9		1013.1	1014.2	20.4	-1.3	16.8		0	0	-1	4		
72295 LOS ANGELES /INT.,	3356N	11820W	38		1002.0	1013.7	19.2	-1.4	16.8		0	0	-1	4		
<b>72304 CAPE HATTERAS, NC.</b>	3516N	07533W	3		1015.1	1015.6	27.8	2.1	30.1		10	137	11	5		
<b>72306 RALEIGH/RALEIGH-DURHAM, NC.</b>	3552N	07847W	134		999.7	1015.2	28.6	3.0	24.3		9	118	17	5		
72308 NORFOLK/INT., VA.	3654N	07612W	9		1013.3	1014.3	28.0	2.3	26.0		9	122	-6	4		
72310 COLUMBIA, SC.	3357N	08107W	72		1007.8	1015.5	29.4	2.3	24.5		11	177	38	5		
<b>72312 GREENVILLE/GREENVILLE SPARTA</b>	3454N	08213W	296		981.5	1015.4	27.6	1.9	22.7		11	126	9	4		
72314 CHARLOTTE/DOUGLAS,	3513N	08056W	234		988.7	1015.7	27.9	1.6	23.1		10	101	2	4		
72315 ASHEVILLE/MUN., NC.	3526N	08233W	661		942.3	1016.8	24.9	2.2	21.6		11	147	33	5		
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	277		984.2	1015.2	27.4	2.5	22.7		9	114	0	5		
72323 HUNTSVILLE/MADISON CO., AL.	3439N	08646W	196		993.2	1016.0	28.4	2.3	24.3		12	186	63	5		
<b>72324 CHATTANOOGA/LOVELL FIELD, TN</b>	3502N	08512W	210		991.9	1016.1	28.3	2.4	24.2		9	175	52	5		
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299		981.4	1014.7	27.2	2.4	23.9		15	159	41	5		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180		994.2	1015.5	28.6	2.3	24.2		10	213	113	6		
72340 LITTLE ROCK/ADAMS FLD,	3450N	09216W	173		1005.6	1015.0	30.7		22.5		5	37		2		
<b>72344 FORT SMITH/MUN., AR.</b>	3520N	09422W	143		997.6	1013.9	31.1	3.6	21.4		6	99	24	5		
72351 WICHITA FALLS/SHEPS AFB/WICH	3358N	09829W	314		977.1	1012.7	31.3	1.9	17.8		2	9	-34	2		
<b>72353 OKLAHOMA CITY/W. ROGERS WORL</b>	3523N	09736W	398		968.1	1013.2	30.5	2.7	19.0		2	10	-56	2		
<b>72360 CLAYTON/MUN., NM.</b>	3627N	10300W	1515		850.1	1012.7	26.1	2.6	11.7		4	24	-44	1		
<b>72365 ALBUQUERQUE/INT., NM.</b>	3502N	10630W	1619		840.5	1012.7	26.6	.8	11.8		8	23	-11	3		
<b>72386 LAS VEGAS/MCCARRAN,</b>	3605N	11510W	664		933.9	1007.9	33.1	.3	9.5		2	4	-4	3		
<b>72389 FRESNO/AIR TERM.,</b>	3646N	11940W	101		999.4	1011.0	28.5	.8	13.7		0	0	-1	5		
72401 RICHMOND/BYRD, VA.	3730N	07720W	54		1008.5	1014.8	28.2	2.6	24.2		10	134	7	5		

# SURFACE

# JULY 2012

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.
72405 WASHINGTON/NAT., VA.	3851N	07702W	20		1012.0	1014.4	28.9	2.2	21.2		8	71	-25	3		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	48		1008.4	1014.0	27.5	2.5	21.6		8	83	-10	4		
72407 ATLANTIC CITY, NJ.	3927N	07434W	21		1011.8	1014.2	25.8	2.1	21.8		5	86	-11	4		
72408 PHILADELPHIA/INT.,	3953N	07515W	9		1012.9	1013.9	27.6	2.8	19.6		5	38	-70	2		
72411 ROANOKE/MUN., VA.	3719N	07958W	358		974.9	1016.0	27.1	2.9	20.9		11	80	-19	4		
72412 BECKLEY (RALEIGH CTY. MEMORI	3747N	08107W	766		930.4	1016.0	23.4	2.5	20.7		16	170	51	5		
72414 CHARLESTON/KANAWHA.,	3822N	08136W	299		980.9	1015.4	25.8	1.9	22.5		12	193	67	5		
72421 CINCINNATI/GREATER CINCINNAT	3903N	08440W	271		983.8	1014.7	27.4	3.5	21.0		7	47	-60	2		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301		980.7	1015.5	26.9		22.2		9	204		5		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	151		997.5	1014.7	29.1	4.0	21.8		7	102	-12	4		
72425 HUNTINGTON, WV.	3822N	08233W	255		985.6	1015.2	25.8	2.1	23.3		11	197	79	5		
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08253W	254		985.8	1014.7	26.9	4.0	20.2		9	64	-45	3		
72429 DAYTON/ COX, OH.	3952N	08407W	307		979.8	1015.3	26.7	3.3	20.5		8	73	-16	4		
72432 EVANSVILLE/REG., IN.	3803N	08732W	127		1000.9	1014.7	29.2	3.4	22.2		8	60	-42	3		
72434 ST. LOUIS/LAMBERT,	3845N	09022W	174		989.4	1013.5	31.1	4.5	19.9		3	18	-79	2		
72438 INDIANAPOLIS/I.-MUN/WEIR COO	3944N	08616W	246		985.7	1014.2	28.9	4.8	19.3		3	21	-92	1		
72439 SPRINGFIELD/CAPITAL,	3951N	08940W	187		992.7	1014.4	28.3	3.6	21.6		3	9	-80	1		
72445 COLUMBIA/REGIONAL,	3849N	09213W	274		982.8	1014.3	29.6	4.4	19.3		4	40	-53	4		
72451 DODGE CITY/MUN., KS.	3745N	09958W	790		924.1	1012.1	28.9	2.1	14.4		2	49	-33	3		
72458 CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	453		961.2	1012.6	28.7	2.3	19.4		5	31	-61	3		
72476 GRAND JUNCTION/WALKER FIELD,	3907N	10830W	1474		853.4	1011.6	26.7	.7	11.2		4	25	9	5		
72483 SACRAMENTO/EXECUTIVE CA.	3831N	12130W	8		1010.7	1011.7	23.6	-7	13.4		01	1	0	5		
72486 ELY/YELLAND, NV.	3917N	11450W	1909		811.4	1011.8	20.4	.7	7.4		5	30	13	5		
72488 RENO/INT., NV.	3930N	11940W	1344		865.7	1011.6	25.4	3.4	6.8		01	1	-6	2		
72494 SAN FRANCISCO/INT.,	3737N	12220W	6		1013.6	1014.3	16.9	-2	13.1		0	0	-1	4		
72503 NEW YORK/LA GUARDIA,	4046N	07354W	9		1012.2	1013.4	26.9	2.2	19.9		9	96	-7	5		
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19		1011.1	1013.4	24.1	1.5	19.0		9	70	-10	4		
72508 HARTFORD/BRADLEY INTNL., CT.	4156N	07241W	55		1006.5	1013.0	24.6	1.4	18.5		10	110	29	5		
72509 BOSTON/LOGAN INT.,	4222N	07102W	9		1011.8	1012.9	24.1	1.0	18.6		6	99	27	5		
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	292		980.3	1013.7	24.4	2.3	18.5		8	67	-29	2		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497		957.0	1014.8	22.4	1.7	17.2		10	89	1	3		
72517 ALLENTOWN/A.-BETHLEHEM-EASTO	4039N	07526W	118		1000.1	1014.0	25.3	1.9	20.2		11	102	-3	4		
72519 SYRACUSE/HANCOCK,	4307N	07607W	128		998.4	1013.1	24.6	3.3	18.0		8	47	-49	3		
72520 PITTSBURGH/GREATER PITTSBURG	4030N	08013W	373		972.4	1015.6	24.9	2.6	19.4		10	186	91	6		
72521 AKRON/AKRON-CANTON REG. OH.	4055N	08126W	377		971.3	1014.9	25.3	3.1	18.2		8	101	-2	4		
72525 YOUNGSTOWN, OH.	4116N	08040W	365		972.9	1014.9	23.8	2.5	20.1		8	153	50	5		
72528 BUFFALO/GREATER BUFFALO INT.	4256N	07843W	219		988.7	1014.0	24.2	2.5	17.2		6	22	-56	1	297	97
72529 ROCHESTER/ROCHESTER-MONROE C	4307N	07740W	171		994.0	1014.0	23.6	2.4	17.5		7	67	-1	5		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205		990.2	1014.2	27.2	4.3	19.6		7	93	0	5		
72532 PEORIA/GREATER PEORIA MUN.,	4040N	08941W	202		990.8	1014.3	28.0	3.8	20.7		3	34	-72	2		
72533 FORT WAYNE/MUN.,	4100N	08512W	252		985.5	1015.0	26.3	3.0	20.9		6	111	24	5		
72535 SOUTH BEND/ST. JOSEPH CO., IN	4142N	08619W	241		987.2	1014.7	26.4	3.7	20.7		7	165	68	5		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211		989.7	1014.4	25.5	3.2	18.8		9	87	4	4		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202		993.6	1014.5	25.5	3.1	19.5		9	107	27	5		
72543 ROCKFORD/GREATER ROCKFORD, I	4212N	08906W	226		988.2	1014.6	27.1	4.2	20.2		7	68	-36	2		
72544 MOLINE/QUAD CITY,	4127N	09031W	181		992.9	1014.1	27.1	3.1	21.4		3	12	-113	1		

# SURFACE

# JULY 2012

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.
72546 DES MOINES/MUN., IA.	4132N	09339W	294		979.6	1013.5	29.1	4.3	20.3		6	32	-64	3		
72550 EPPLEY FIELD, OMAHA,	4118N	09554W	300		978.7	1013.1	29.4	4.5	20.8		0	0	-89	0		
72551 LINCOLN/MUN., NE.	4051N	09645W	365		971.6	1013.2	26.9	1.2	18.9		2	8	-73	0		
72556 NORFOLK/KARL STEFAN,	4159N	09726W	479		958.6	1012.7	28.0	3.9	18.4		0	0	-81	0		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336		974.1	1013.0	26.8	2.5	23.5		3	20	-63	2		
72562 NORTH PLATTE/LEE BIRD, NE.	4107N	10040W	849		917.8	1012.8	26.9	3.6	17.3		7	18	-59	2		
72564 CHEYENNE, WY.	4109N	10440W	1876		815.6	1013.6	22.4		9.8		7	70		5		
72569 CASPER/NATRONA COUNTY, INTNL	4255N	10620W	1630		839.5	1012.4	24.0	2.4	8.7		5	26	-6	4		
72572 SALT LAKE CITY/INTNL UT.	4047N	11150W	1288		870.9	1010.6	27.9	2.4	10.7		3	19	-1	5		
72576 LANDER/HUNT, WY.	4249N	10840W	1703		831.1	1012.0	24.2	2.5	9.1		1	2	-18	2		
72578 POCATELLO/MUN., ID.	4255N	11230W	1365		863.6	1012.6	22.7	1.3	11.6		4	18	2	5	362	95
72583 WINNEMUCCA/MUN., NV.	4054N	11740W	1322		867.5	1010.9	23.5	1.2	6.0		01	1	-5	3		
72594 EUREKA, CA.	4048N	12410W	18				14.0	.1			2	17	14	5		
72597 MEDFORD/MEDFORD-JACKSON COUN	4223N	12250W	398		967.5	1014.3	23.2		13.4		1	2		4		
72605 CONCORD/MUN., NH.	4312N	07130W	105		1000.4	1013.0	22.0		16.6		10	84		5		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	23		1010.2	1012.5	21.9	1.6	18.9		9	110	32	5		
72613 MOUNT WASHINGTON,	4416N	07118W	1910				10.3	1.2				155	-24	2		
72617 BURLINGTON/INT., VT.	4428N	07309W	104		1000.6	1012.9	22.8	1.4	16.6		8	96	4	5		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245		985.9	1014.6	26.2	4.2	18.8		6	67	-14	3	355	120
72636 MUSKOGON/COUNTY, MI.	4310N	08615W	193		991.7	1014.4	25.3	4.0	19.9		5	73	20	5		
72637 FLINT/BISHOP, MI.	4258N	08345W	238		987.1	1014.5	24.5	3.1	19.2		8	90	22	5		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	220		989.5	1014.2	25.9	4.3	21.0		9	90	2	4		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264		983.2	1014.0	26.3	4.6	20.0		7	102	16	5		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402		967.8	1014.5	25.0	3.4	21.6		5	83	-23	3		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08806W	209		989.0	1014.1	24.5	3.6	21.1		9	153	75	5		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435		962.9	1013.0	27.4	3.9	19.9		1	6	-62	1		
72654 HURON/HURON REGIONAL SD.	4423N	09813W	393		966.6	1012.0	26.8	3.2	21.6		4	13	-54	2		
72658 MINNEAPOLIS/ST.PAUL INT., MN	4453N	09313W	256		983.7	1013.5	26.8	3.7	20.2		8	125	36	5		
72659 ABERDEEN/REG., SD.	4527N	09824W	398		966.7	1012.6	24.9	2.2	21.0		9	69	0	3		
72662 RAPID CITY/REGIONAL AIRPORT,	4440N	10310W	1030		904.8	1012.8	25.8	3.5	14.1		7	40	-11	4		
72666 SHERIDAN/COUNTY, WY.	4446N	10650W	1226		879.1	1012.4	24.3	3.4	10.6		7	25	3	5		
72677 BILLINGS/LOGAN INT.,	4548N	10830W	1099		891.4	1012.1	25.7	3.2	11.0		3	10	-13	3		
72681 BOISE/MUN., ID.	4334N	11610W	872		912.5	1009.9	27.4	4.1	10.5			2	-6	3		
72688 PENDLETON, OR.	4541N	11850W	456		959.7	1012.4	22.5	-2	11.2		3	11	3	5		
72698 PORTLAND/INT., OR.	4536N	12230W	12		1013.1	1016.9	20.0	-1	13.8		2	5	-11	4		
72712 CARIBOU/MUN., ME.	4652N	06800W	191		988.2	1011.0	19.7	1.1	15.0		5	44	-57	1		
72743 MARQUETTE, MI.	4632N	08733W	434				20.7	2.3			8	104	31	5		
72745 DULUTH/INT., MN.	4650N	09211W	436		963.8	1014.4	22.1	3.2	18.3		4	79	-12	3		
72747 INT.FALLS/FALLS INT. MN.	4833N	09323W	362		971.1	1013.7	20.6	1.3	18.8		10	140	49	5		
72753 FARGO/HECTOR FIELD,	4654N	09648W	274		980.7	1012.8	24.8	3.1	20.2		5	73	5	4		
72764 BISMARCK/MUN., ND.	4646N	10040W	505		954.8	1013.4	24.3	3.0	18.0		6	67	13	5		
72767 WILLISTON/SLOULIN FIELD INT.	4811N	10330W	592		946.2	1013.1	23.9	2.4	15.3		4	48	-5	5		
72768 GLASGOW/INT., MT.	4812N	10630W	693		932.5	1012.5	24.6	3.0	13.5		7	51	8	5		
72772 HELENA/COUNTY-CITY,	4636N	11200W	1188		882.3	1014.5	23.0	2.3	10.4		6	16	-11	3		
72773 MISSOULA / JOHNSON-BELL FIEL	4655N	11400W	976		904.5	1014.1	22.1	2.8	11.1		4	29	6	5		
72781 YAKIMA/YAKIMA AIR TERMINAL,	4634N	12030W	332		975.0	1012.7	23.4	2.3	11.2		1	7	3	5		



# SURFACE

# JULY 2012

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.
72785 SPOKANE/INT., WA.	4738N	11730W	721		931.1	1013.3	22.3	1.9	13.0		2	21	4	5		
<b>72792 OLYMPIA, WA.</b>	4658N	12250W	62		1010.2	1017.5	17.0	-.2	14.1		6	23	3	5		
72793 SEATTLE/S.-TACOMA,	4727N	12210W	137		1001.7	1018.1	17.9	-.5	13.7		5	26	7	5		
72797 QUILLAYUTE, WA.	4757N	12430W	56		1010.5	1018.1	14.5		13.6		6	49		4		
<b>74492 BLUE HILL OBS. MA.</b>	4213N	07107W	195				23.4	1.6				100	12	5		
74745 AUSTIN-BERGSTROM INTL AIRPOR	3011N	09741W	202		997.3	1014.4	28.8		24.3		6	97				
<b>CANADA</b>																
71017 STEFANSSON ISLAND, NU	7345N	10510W	11		1010.8	1012.2	5.3		7.5		2	14				
71018 RESOLUTE CS, NU	7442N	09459W	68		1001.9	1010.3	7.4		7.9		6	26				
71026 MEDICINE HAT RCS, ALTA	5001N	11040W	717		930.2	1012.6	21.5		14.5		3	19		2		
71029 HOLMAN CS, NWT	7045N	11740W	30		1009.1	1012.9	12.3		9.5							
71049 WAGER BAY (AUT), MAN	6552N	08926W	18		1007.8	1010.3	12.2		7.9		5	13				
<b>71066 HIGH LEVEL A, ALTA</b>	5837N	11700W	338		971.3	1011.7	19.0	2.8			5	32	-29	1		
<b>71069 SLAVE LAKE A, ALTA</b>	5517N	11440W	583		945.0	1013.3	18.2	2.5	16.7		10	102	6	4		
<b>71074 ISACHSEN (AUT), NU</b>	7847N	10330W	58		1004.0	1011.5	5.1		7.0		2	6		6		
<b>71079 THOMPSON</b>	5548N	09752W	222		985.1	1012.1	18.0	2.3	14.0		6	44	-40	1		
71101 SANDSPIT AWOS, BC	5315N	13140W	6		1017.5	1018.3	13.6	-.5			8	30	-14	2		
71109 PORT HARDY A, BC	5040N	12720W	22		1016.0	1018.6	13.9	.2	12.4		3	37	-19	2		
<b>71120 COLD LAKE A, ALTA</b>	5425N	11010W	541		949.8	1013.5	19.6	2.6	15.5		14	77	-8	3		
<b>71122 BANFF CS, ALTA</b>	5112N	11530W	1397		859.9	1015.6	15.5	.7	9.6		5	36	-15	3		
71158 BERENS RIVER CS, MAN	5221N	09702W	222		985.7	1012.2	20.1		17.0		8	49		4		
<b>71160 FORT RELIANCE (AUT), NWT</b>	6242N	10900W	168		990.7	1011.2	17.1		12.1		7	128		6		
<b>71185 DANIELS HARBOUR,</b>	5014N	05734W	18		1006.3	1008.6	16.5	2.2	15.3		11	84	-13	2		
<b>71197 PORT AUX BASQUES,</b>	4734N	05909W	40		1006.9	1011.7	15.8	2.3	16.2		8	76	-30	2		
71199 WATSON LAKE (AUT), YT	6007N	12840W	690		933.7	1014.6	15.8		9.4		11	60		4		
71279 SEPT-ILES, QUE	5013N	06615W	53		1002.2	1008.5	16.0		14.7		6	52				
71288 CAMBRIDGE BAY GSN, NU	6906N	10500W	19		1009.7	1012.1	10.8		9.5		6	49				
71299 KAPUSKASING CDA ON, ONT	4924N	08226W	218		986.2	1011.5	18.6		15.2		8	31		1		
71309 MOOSONEE RCS, ONT	5117N	08037W	9		1009.7	1010.8	16.5		14.3		4	38				
71321 IQALUIT CLIMATE, NU	6345N	06833W	34		1005.4	1009.6	8.1		9.5		13	51				
71322 ARVIAT CLIMATE, NU	6106N	09404W	10		1008.4	1009.6	11.2		10.8		9	75				
71350 HARRINGTON CDA CS, PEI	4621N	06310W	53		1004.4	1010.8	19.4		16.2		5	30				
71355 ALERT CLIMATE, NU	8230N	06220W	65		1004.7	1013.2	4.4		6.8		1	2				
71356 BAKER LAKE CLIMATE, NU	6419N	09600W	51		1003.8	1010.1	12.2		10.1		4	18				
71358 CLYDE RIVER CLIMATE, NU	7029N	06831W	27		1007.1	1010.4	7.2		8.5		5	27				
71361 HAY RIVER CLIMATE, NWT	6050N	11540W	164		990.7	1010.5	19.2		13.2		3	10				
71362 FORT SMITH CLIMATE, NWT	6001N	11150W	203		985.8	1010.3	19.8		12.8		4	79				
71363 GJOA HAVEN CLIMATE, NU	6838N	09551W	42		1005.4	1010.6	8.9		8.9		8	44				
71364 INUVIK CLIMATE, NWT	6819N	13330W	103		997.8	1010.5	17.5		13.0		12	78				
71365 FORT SIMPSON CLIMATE, NWT	6145N	12110W	168		989.0	1009.4	17.5		10.8		3	33				
71407 RESERVED OR UNKNOWN	9999N	99999E			1008.2	1010.2	9.5		8.7		7	39				
71434 PEAWANUCK (AUT), ONT	5459N	08526W	52		1004.5	1010.9	13.9		12.2		7	61				
71446 SWIFT CURRENT CDA, SASK	5016N	10740W	825		918.9	1014.4	20.0		14.9		4	17		1		
71467 SACHS HARBOUR CLIMATE, NWT	7200N	12510W	88		1002.3	1013.3	11.0		9.1		3	16				
71480 RESERVED OR UNKNOWN	9999N	99999E			998.4	1010.0	17.6		12.2		10	70				

# SURFACE

# JULY 2012

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.
71493 PARRSBORO, NS	4524N	06420W	31		1007.7	1011.4	17.8		15.6		4	19				
71550 DAUPHIN CS, MAN	5106N	10000W	305		976.8	1012.9	21.4		17.8		10	47				
71570 GREAT FALLS CLIMATE, MAN	5031N	09558W	253		983.3	1013.4	22.3		16.5		9	89				
71585 FORT MCMURRAY CS, ALTA	5639N	11110W	369		967.4	1009.4	19.0		14.7		11	130				
71586 LA RONGE RCS, SASK	5509N	10510W	379		967.4	1012.3	19.7		14.9		9	75		3		
71590 EDMUNDSTON, NB	4725N	06819W	157		992.6	1011.1	17.4		15.0		6	36				
71592 ARCTIC BAY CS, NU	7259N	08500W	10		1007.9	1009.2	6.8		7.7		2	3				
<b>71600 SABLE ISLAND, NS</b>	4355N	06000W	5		1012.3	1012.9	16.9	1.4	17.2		9	98	-2	4		
71695 THE PAS CLIMATE, MAN	5358N	10106W	274		979.5	1011.6	21.0		15.3		4	91				
71696 CHURCHILL CLIMATE, MAN	5844N	09404W	29		1006.3	1009.8	14.6		11.9		9	73				
<b>71721 MANIWAKI AIRPORT, QUE</b>	4616N	07559W	201		989.4	1013.2	20.0		14.8		8	101		4		
<b>71727 BAGOTVILLE A, QUE</b>	4820N	07100W	159		992.3	1011.4	19.6	1.6	14.4		6	37	-77	0		
71741 KAMLOOPS AUT, BC	5042N	12026W	345		971.9	1012.4	22.6		12.8		6	40				
71742 GANDER AIRPORT CS, NFLD	4856N	05434W	151		992.6	1010.7	18.5		14.9		8	98				
71743 RIVIERE AUX FEUILLES, QUE	5754N	07258W	171		985.9	1006.9	12.0		10.6		6	52				
<b>71813 NATASHQUAN A, QUE</b>	5011N	06149W	11		1006.2	1007.5	15.4	1.2	14.1		4	18	-69	1		
<b>71816 GOOSE A, NFLD</b>	5319N	06025W	49		1000.5	1006.4	17.8	2.3	13.0		10	78	-41	1	177	90
<b>71818 CARTWRIGHT, NFLD</b>	5342N	05702W	15		1004.7	1006.5	14.8	2.5	13.5		14	162	74	5	181	95
71823 LA GRANDE IV A, QUE	5345N	07340W	306		972.5	1009.4	13.4		12.2		14	90		3		
71827 LA GRANDE RIVIERE A,	5338N	07742W	195		986.7	1010.4	13.0		11.8		12	89		4		
<b>71828 SCHEFFERVILLE A, QUE</b>	5448N	06648W	518		945.5	1007.2	14.1	1.7	12.5		21	113	10	4		
<b>71842 SIOUX LOOKOUT A, ONT</b>	5007N	09154W	390		968.3	1013.6	21.6	3.0	16.5		7	101	8	4		
<b>71844 BIG TROUT LAKE READAC, ONT</b>	5348N	08953W	222								6	22		0		
<b>71862 ESTEVAN A, SASK</b>	4913N	10250W	584		946.8	1014.5	21.9	1.8	17.7		8	34	-27	2		
<b>71869 PRINCE ALBERT A, SK</b>	5313N	10540W	428		962.6	1013.3	20.2	2.6	17.5		13	104	32	5		
<b>71894 ESTEVAN POINT CS, BC</b>	4923N	12630W	7		1017.1	1018.0	13.8		14.3		6	60		4		
<b>71906 KUUJUAQ A, QUE</b>	5806N	06825W	44		1000.7	1005.6	13.1	2.1	11.6		15	129	72	6		
<b>71907 INUKJUAQ A, QUE</b>	5828N	07805W	28		1004.0	1007.2	10.3	1.2	10.5		12	40	-15	2		
<b>71915 CORAL HARBOUR A,</b>	6411N	08321W	64		1000.3	1008.1	10.3	1.4	10.2		12	82	40	5		
<b>71917 EUREKA, NU</b>	7959N	08556W	11		1009.0	1010.3	8.6	3.2	7.2		7	23	12	5		
71923 ENNADAI LAKE (AUT), NU	6107N	10050W	353		969.0	1011.8	14.6		11.2		5	46				
<b>71945 FORT NELSON A, BC</b>	5850N	12230W	389		966.8	1012.2	19.5	2.8	12.1		3	28	-55	1		
<b>71964 WHITEHORSE A, YT</b>	6042N	13500W	706		931.7	1015.3	13.3	-7	9.1		8	32	-6	3		
<b>71966 DAWSON, YT</b>	6403N	13900W	370		967.7	1012.2	15.1		10.5		9	47		3		
71984 PAULATUK, NWT	6921N	12400W	6		1010.6	1011.4	14.2		11.1		4	15				
71989 MOULD BAY CS, NWT	7614N	11920W	2		1012.5	1014.1	6.5		7.3		1	6		1		
71990 MACMILLAN PASS, NWT	6314N	13000W	1379		858.8	1015.1	10.1		8.4		19	94				
<b>MEXICO</b>																
76225 CHIHUAHUA, CHIH.	2838N	10600W	1433		863.2	1007.5	25.2		17.2		13	144		3	230	215
76243 PIEDRAS NEGRAS, COAH.	2842N	10030W	250		985.6	1015.9	32.1		25.7		3	9		1	289	195
76256 EMPALME, SON.	2757N	11040W	12		1010.6	1012.0	31.7		30.9		1	3		0	263	180
76311 CHOIX, SIN.	2644N	10810W	238		983.8	1010.5	28.5		28.1		17	296		4	197	170
76342 MONCLOVA, COAH.	2653N	10120W	615		946.7	1014.3	29.6		21.1		6	55		4	273	185
76382 TORREON, COAH.	2532N	10320W	1124		889.4	1008.0	29.1		19.3		1	5		1	278	210
76390 SALTILLO, COAH.	2522N	10100W	1790		824.7	1011.4	19.9		14.3		11	80		3	241	190

# SURFACE

# JULY 2012

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.
76393 MONTERREY, N.L.	2544N	10010W	515		956.8	1011.9	28.6		22.9		4	12		0	270	225
76402 CIUDAD CONSTITUCION, BCS	2457N	11140W	48		1006.4	1011.8	26.8		21.5		0	0		0	312	200
76405 LA PAZ, BCS	2410N	11010W	18		1009.4	1011.5	30.9		24.8		2	5		1	317	210
76423 DURANGO, DGO.	2403N	10430W	1872		816.2	1009.6	20.5		15.1		18	117		2	200	175
76458 COLONIA JUAN CARRASCO MAZATL	2312N	10620W	4		1011.2	1011.6	29.2	.5	30.5	-1	9	82	-130	3	238	107
76548 TAMPICO, TAMPS	2212N	09751W	25		1015.0	1016.0	28.0	.0	30.3	.9	13	283	172	5	217	99
76577 GUANAJUATO, GTO.	2100N	10110W	1999		805.0	1011.2	19.5	.2	19.0	3.8	16	264	106	4	189	94
76581 RIO VERDE, S.L.P.	2156N	09959W	983		905.4	1012.7	24.7		21.1		6	49		5	233	155
76585 MATLAPA, S.L.P.	2119N	09849W	132		999.6	1014.9	26.1		29.1		14	336		6	193	180
76634 TULANCINGO, HGO.	2005N	09822W	2181		786.8	1014.8	16.3		13.4		11	102		4	209	195
76640 TUXPAN,VER.	2057N	09724W	28		1015.5	1016.7	27.5		33.1		15	113		2	205	190
76644 AEROP.INTERNACIONAL MERIDA,	2059N	08939W	9		1014.0	1015.3	28.7	1.3	29.0	1.0	14	100	-62	0	254	103
76647 VALLADOLID, YUC.	2041N	08812W	27		1013.2	1016.3	27.3		32.7		17	191		4	227	200
76654 MANZANILLO, COL.	1903N	10410W	3		1012.5	1012.9	29.2		28.2		3	37		0	222	215
76665 MORELIA, MICH.	1942N	10110W	1913		812.7	1011.4	18.8	.3	18.3	3.3	19	182	6	4	157	114
76675 TOLUCA, MEX.	1917N	09941W	2720		739.0	1011.6	14.0		11.4		20	221		5	152	170
76680 MEXICO (CENTRAL),	1924N	09911W	2303		776.3	1008.9	16.7	.5	15.0	2.1	25	230	47	5	157	109
76683 TLAXCALA, TLAX.	1919N	09815W	2248		783.8	1015.0	16.0		14.1		26	253		1	210	
76687 JALAPA, VER.	1933N	09655W	1389		869.6	1016.5	19.4		18.9		16	196		3	161	175
76692 HACIENDA YLANG YLANG VERACRU	1909N	09607W	16		1012.9	1014.8	27.7	.1	28.9	-5	18	480	69	5	206	100
76695 CAMPECHE, CAMP.	1951N	09033W	5		1013.8	1014.4	28.3		28.7		16	173		3	259	210
76698 FELIPE CARRILLO PUERTO, Q.RO	1942N	08754W	12		1014.6	1015.8	27.6		30.0		10	91		2	192	165
76737 ORIZABA, VER.	1851N	09706W	1259		878.8	1015.2	19.9		19.1		27	439		3	136	175
76750 CHETUMAL, Q.R.	1829N	08818W	7		1013.9	1014.9	28.8		32.6		15	166		3	166	145
76762 CHILPANCINGO, RO.	1733N	09930W	1265		876.0	1011.4	21.0		20.3		18	235		5	227	235
76840 ARRIAGA, CHIS.	1614N	09354W	48		1005.5	1010.9	29.1		27.5		10	145		1	218	210
76845 SN. CRISTOBAL LAS CASAS, CHI	1645N	09238W	2116		795.6	1014.7	16.4		1.6		13	135		5	185	170
76855 PUERTO ANGEL, OAX.	1541N	09629W	46		1005.3	1010.2	28.8		29.0		4	106		4	241	
76903 TAPACHULA, CHIS	1455N	09215W	118		998.2	1011.6	27.8		28.5		17	153		1	185	
<b>BERMUDA</b>																
78016 BERMUDA INTERNATIONAL AIRPOR	3222N	06440W	130		1020.5	1020.1	26.9		28.2		11	73			305	
<b>BAHAMAS</b>																
78073 NASSAU AIRPORT NEW PROVIDENC	2503N	07728W	7		1017.5	1018.3	28.7	.8	31.3	2.3	13	191	34	5	281	103
<b>CUBA</b>																
78325 CASA BLANCA,	2310N	08221W	50		1011.1	1016.8	27.4	-2	28.1		4	72	-33	2	278	
78355 CAMAGUEY	2124N	07751W	122		1003.0	1016.9	26.9		27.6		7	145			263	
<b>JAMAICA</b>																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1014.4	1014.5	28.6		27.0		4	27		2	281	20

# SURFACE

# JULY 2012

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.
<b>PUERTO RICO AND US POSS</b> 78526 SAN JUAN/INT.,	1825N	06559W	4		1016.4	1016.5	28.7	.6	28.9		16	173	62	5		
<b>BELIZE</b> 78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5				28.0	.2			17	145	-98	2	150	60
<b>EL SALVADOR</b> 78650 ACAJUTLA	1334N	08950W	15		1010.5		29.0	1.9			15	254	-2	2		
<b>HONDURAS</b> 78705 LA CEIBA (AIRPORT) 78708 LA MESA (SAN PEDRO SULA) 78720 TEGUCIGALPA	1544N 1527N 1403N	08652W 08756W 08713W	26 31 1007		1011.9 1010.6 903.9	1013.1 1013.6 1012.6	26.7 26.9 22.4	-8 -2 .3	28.1 31.5 19.7	-1.6 .7	15 11 7	237 129 20	63 19 -62	5 4 0	232 218 225	117
<b>NICARAGUA</b> 78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1004.4	1010.5	27.0									
<b>NETHERLANDS ANTILLES &amp; ARUBA</b> 78866 JULIANA AIRPORT,	1802N	06307W	4		1016.4	1016.9	28.4	.4	28.4	.0	15	132	56	5	248	96
<b>GUADELOUPE</b> 78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1014.7	1015.6	27.6	.0	28.5		14	172	22	6	195	
<b>MARTINIQUE</b> 78925 LE LAMENTIN	1436N	06100W	8		1014.0	1014.9	28.0	.8	27.8	-1.3	21	136	-67	2	206	84
<b>BARBADOS</b> 78954 GRANTLEY ADAMS	1304N	05929W	56		1007.7	1014.2	27.7		30.6		12	1127		3	242	60
<b>CURACAO AND BONAIRE</b> 78988 HATO AIRPORT, CURACAO	1212N	06858W	9		1011.9	1012.8	28.6	.5	29.6	.3	5	18	-16	1	312	111
<b>COLOMBIA</b> 80001 SAN ANDRES (ISLA)/SESQUICENT 80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1235N 1322N	08143W 08121W	6 6		1011.3	1011.4	28.3 28.5	.5	31.6 31.0	.5	13 7	225 70	21	4 4	226 249	123 125
<b>S AMERICA</b>																

# SURFACE

# JULY 2012

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.
<b>COLOMBIA</b>																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1008.9	1009.4	29.8	1.1	30.1	1.0	6	36	-19	2	243	85
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1009.6	1009.8	29.2	1.1	32.2	1.8	8	42	-52	3	198	92
80028 BARRANQUILLA/ERNESTO CORTISS	1053N	07447W	30		1009.9	1006.4	28.5	.4	32.0	2.1	5	67	-3	2	223	105
80084 APARTADO/LOS CEDROS	0749N	07642W	20				28.4		22.4		18	448		6		
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				28.3	.1	29.1	.8	7	68	-109	5	182	84
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		881.4		21.9		21.8		4	13	-76	6	164	85
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		974.9	1009.3	29.0	1.1	21.5	-1.2	16	217	185	5	204	102
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		993.2	1007.6	25.8	.3	29.2	1.3	14	137	-133	4	170	118
80112 RIONEGRO/J.M.CORDOVA	0608N	07526W	2142		790.9		17.0		14.2		9	98			201	150
80144 QUIBDO/EL CARANO	0543N	07637W	53				26.7	.1	29.8	.0	21	867	97	3	109	79
80210 PEREIRA/MATECANA	0449N	07544W	1342		866.4		22.0	.2	20.4	1.4	13	104	-20	6	148	80
80214 IBAGUE/PERALES	0426N	07509W	928		912.3		25.1	.6	21.1	1.0	3	18	-54	5	137	70
<b>80222 BOGOTA/ELDORADO</b>	0442N	07409W	2547		753.1		13.8	.7	11.1	-5	8	35	-6	6		
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		962.6	1011.8	25.2	1.3	24.8	.6	18	370	-34	4	138	125
<b>80259 CALI/ALFONSO BONILLA ARAGON</b>	0333N	07623W	969		905.2		24.0		21.5		3	27	-1	6	162	95
80315 NEIVA/BENITO SALAS	0258N	07518W	443		959.5	1008.1	28.7	.5	20.0	-3	3	33	-11	4	165	94
80370 IPIALES/SAN LUIS	0049N	07738W	2961				10.3	.5	10.2	.0	7	27	-21	1		
80398 LETICIA/VASQUEZ COBO	0410S	06957W	84		1004.0	1013.5	25.0	.0	28.4	1.2	12	311	139	5		
<b>VENEZUELA</b>																
80403 CORO	1125N	06941W	17		1009.4	1011.3	29.5	1.1	32.0		3	6	-29	1	263	92
80407 MARACAIBO-LA CHINITA	1034N	07144W	66		1004.4		30.0	1.5	30.3		20	10	-16	1	235	96
80410 BARQUISIMETO	1004N	06919W	614		944.9	1023.7	24.4		24.4		10	44	-33	1	165	71
80413 MARACAY - B. A. SUCRE	1015N	06739W	437		964.3	1012.9	25.5	1.2	22.2		8	107	-22	3	110	50
80415 CARACAS/MAIQUETIA AEROP. INT	1036N	06659W	48		1007.1	1012.5	27.8	1.4	31.7		7	35	-22	2	245	102
80416 CARACAS/LA CARLOTA	1030N	06653W	835		919.0		23.7	1.5	24.0		11	67	-54		201	96
80419 BARCELONA	1007N	06441W	7		1013.0	1015.8	27.0	.7	28.0		11	114	-5	3	212	91
80420 CUMANA	1027N	06411W	4		1009.6	1010.2	27.6		28.1		8	72				
80421 PORLAMAR (AEROPUERTO INT. DE	1055N	06358W	24		1010.5	1012.7	27.5		24.3		3	23			269	105
<b>80423 GUIRIA</b>	1035N	06219W	14				26.1	-8	29.9		7	10	-116	1		
<b>80425 MENE GRANDE</b>	0949N	07056W	28		1007.4	1010.5	29.2	1.6			7	61	-41	2	223	99
80426 VALERA	0921N	07037W	582		947.8	1011.9	25.8		20.0		14	99			136	140
80427 ACARIGUA	0933N	06914W	226		988.1	1013.4	25.1	.2	28.6		21	279	61		157	86
80428 GUANARE	0901N	06944W	163		993.1	1011.5	25.9	1.2	25.7		18	205	-61		140	84
80431 SAN JUAN DE LOS MORROS	0955N	06720W	429		963.8	1011.5	24.4		22.6		17	168			165	85
80432 CARRIZAL	0925N	06655W	161		991.6	1009.6	26.6		28.6		11	108			199	85
80434 VALLE DE LA PASCUA	0913N	06601W	125		992.4	1007.2	25.6		27.8		14	151			198	
80435 MATURIN	0945N	06311W	66		1003.9	1011.4	26.7	1.1	28.2		18	213	-2	3	199	107
80437 EL VIGIA	0838N	07139W	103		1000.1		27.8				11	106			163	
<b>80438 MERIDA</b>	0836N	07111W	1498		852.5	1522 Y	20.2	.9	18.1		15	117	-2	3	188	88
80440 BARINAS	0837N	07013W	204		991.8	1012.9	25.5		26.6		13	113			139	
80442 CALABOZO	0856N	06725W	101		1001.9		26.7				18	203			164	

# SURFACE

# JULY 2012

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.
80444 CIUDAD BOLIVAR	0809N	06333W	48		1006.4		26.9	.0			14	168	-15	3	206	89
80447 SAN ANTONIO DEL TACHIRA	0751N	07227W	378		966.3	1008.0	27.6	.8	20.4		4	20	-6	3	170	91
80448 GUASDUALITO	0714N	07048W	131				24.8	-.1	26.9		18	190	-96		132	89
<b>80450 SAN FERNANDO DE APURE</b>	0754N	06725W	48		1008.4	1013.5	26.3	.6	29.6		18	347	71	4	177	101
<b>80453 TUMEREMO</b>	0718N	06127W	181				22.4	-2.5	24.8		16	95	-78	1	225	121
80457 PUERTO AYACUCHO	0536N	06730W	74		1005.2	1013.8	26.3	1.2	28.0		23	366	-32	5	105	72
<b>80462 SANTA ELENA DE UAIREN</b>	0436N	06107W	907				20.9	.3	21.9		15	109	-120	1	155	81
80472 VALENCIA	1010N	06756W	431		965.0	1012.8	25.4		26.9			64			185	
80475 STO. DOMINGO	0735N	07204W	327		977.6	1014.5	23.2		23.2		24	327			119	95
<b>SURINAME</b>																
81225 ZANDERIJ	0527N	05512W	15		1011.0	1013.0	26.3				21	164				
<b>FRENCH GUIANA</b>																
81401 SAINT-LAURENT-DU-MARONI	0530N	05402W	9		1012.0	1012.6	26.1		29.1		23	180	-70			
<b>81405 ROCHAMBEAU</b>	0450N	05222W	9		1012.0	1013.0	26.2		28.2		22	238	-6		207	96
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1011.9	1012.7	26.0		27.9		17	144	-60			
81415 MARIPASOULA	0338N	05402W	104		1001.0	1013.1	26.0		27.8		22	141	-77			
<b>BRAZIL</b>																
<b>82024 BOA VISTA</b>	0249N	06039W	90				26.8		29.5		20	334		4	150	110
82098 MACAPA	0002N	05103W	15		1010.3	1012.0	27.3	1.2	30.5		22	214	30	4	238	105
<b>82106 SAO GABRIEL DA CACHOEIRA</b>	0008S	06705W	90				25.3		28.3		18	294		4	103	75
<b>82113 BARCELOS</b>	0059S	06255W	40				26.0	.4	29.5		14	272	110	5	171	100
82191 BELEM	0127S	04828W	10		1010.8	1011.5	26.8	1.0	30.4		22	313	161	6	242	96
82212 FONTE BOA	0232S	06610W	56		1004.0	1013.3	26.1		29.4		13	229		5	130	85
82246 BELTERRA	0238S	05457W	176		993.1	1013.0	25.6	1.4	31.2		16	117	24	4	127	56
82280 SAO LUIZ	0232S	04418W	51		1006.8	1012.6	26.9	1.2	30.4		10	61	-76	2	218	92
<b>82331 MANAUS</b>	0308S	06001W	72		1004.6	1012.8	27.8	1.3	28.6		9	83	-4	3	210	98
82336 ITACOATIARA	0308S	05826W	40				27.5	2.0	29.7		16	214	123	5	217	121
82397 FORTALEZA	0346S	03836W	26		1010.9	1014.1	26.7	1.0	25.8		3	6	-85	1	255	97
<b>82410 BENJAMIN CONSTANT</b>	0423S	07002W	65				25.5		27.6		10	137		4	147	100
<b>82425 COARI</b>	0405S	06308W	46				27.4		28.3		8	83		3		
82445 ITAITUBA	0416S	05559W	45		1009.0	1014.0	27.2	.8	30.3		11	69	2	3	217	89
82460 BACABAL	0415S	04447W	25		1009.7	1012.6	28.5		27.9		1	4		2		
82533 MANICORE	0549S	06118W	50				26.9		29.3		2	9		1		
82562 MARABA	0521S	04909W	95		998.1	1008.8	27.5	1.2	26.5		2	10	-10	3	245	99
<b>82571 BARRA DO CORDA</b>	0530S	04516W	153		994.3	1011.6	27.7	3.0	23.3		0	0	-14	0	277	108
82578 TERESINA	0505S	04249W	74		1003.8	1013.9	27.5	1.5	23.3		0	0	-12	0	310	105
<b>82586 QUIXERAMOBIM</b>	0512S	03918W	212		987.9	1014.7	27.5	2.2	25.1		0	T	-45	0	280	116
82598 NATAL	0546S	03512W	45		1009.8	1015.1	25.0		28.2		14	223		3	236	105
82678 FLORIANO	0646S	04301W	127		999.3	1013.0	29.7	4.7	18.3		0	0	-20	0	306	105
<b>82704 CRUZEIRO DO SUL</b>	0738S	07240W	170		990.2	1009.6	24.7		25.8		3	9			192	115
82723 LABREA	0715S	06450W	60		1005.8	1014.0	25.8		28.5		0	0		0	223	110

## SURFACE

JULY 2012

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.
82765 CAROLINA	0720S	04728W	193		991.3	1015.2	27.8	1.4	22.8		1	3	-6	4	292	102
82784 BARBALHA	0719S	03918W	409		968.4	1013.6	25.6	1.8	20.6		0	0	-11	0	265	105
82791 PATOS	0701S	03716W	249		985.5	1013.4	26.6		20.0		1	1		1	261	
82900 RECIFE	0803S	03455W	7		1015.4	1016.3	24.4	.4	25.2		19	261	-124	2	194	115
82915 RIO BRANCO	0958S	06748W	160		996.1	1014.6	23.4	.0	23.7		1	63	21	5	262	129
82983 PETROLINA	0923S	04029W	370		973.6	1015.2	24.8	.1	18.7		01	1	-12	2	269	115
<b>83064 PORTO NACIONAL</b>	1043S	04835W	239		985.2	1012.0			20.4		0	0	-5	0	318	111
83096 ARACAJU	1055S	03703W	5		1015.8	1016.5	25.4	.8	25.6		12	101	-105	1	210	105
83186 JACOBINA	1111S	04028W	485		962.1	1015.6	22.0	.8	20.1		6	20	-21	1	180	108
<b>83229 SALVADOR</b>	1301S	03831W	51		1012.7	1018.7	23.4	-.2	25.3		15	163	-40	3	191	106
83235 TAGUATINGA	1224S	04626W	604		946.5	1013.0	25.6	2.2	13.8		0	0	-2	0		
<b>83236 BARREIRAS</b>	1209S	04500W	439		965.1	1014.6	23.6	1.4	17.0		0	0	-1	0	315	113
83242 LENCOIS	1234S	04123W	439		967.8	1017.7	21.7	.8	19.1		5	30	-35	1	194	133
<b>83264 GLEBA CELESTE</b>	1212S	05630W	415				20.7		20.7		0	0	-2	0		
83288 BOM JESUS DA LAPA	1316S	04325W	440		965.0	1014.0	25.1	1.4	16.7		0	0	-1	0	309	113
83332 POSSE	1406S	04622W	826		923.2	1013.1	23.6	1.7	14.1		0	0	-4	0		
83344 VITORIA DA CONQUISTA	1457S	04053W	840		920.8	1018.5	17.8	.0	17.2		8	18	1	2	210	128
83358 POXOREO (POXOREU)	1550S	05423W	450		973.7	1013.7	20.9		17.9		0	0		0	272	
<b>83361 CUIABA</b>	1533S	05607W	151		997.9	1018.0	23.5	1.5	21.1		0	0	-9	0	241	98
83377 BRASILIA	1547S	04756W	1159		889.5	1015.1	19.8	.7	12.0		0	T	-11	3	245	92
83423 GOIANIA	1640S	04915W	741		933.1	1014.6	22.8	2.0	14.4		1	3	-3	3		
83437 MONTES CLAROS	1643S	04352W	646		944.3	1016.5	21.3	1.9	14.2		2	2	-1	5	295	114
<b>83498 CARAVELAS</b>	1744S	03915W	3		1020.2	1020.7	22.6	.4	25.2		12	79	-31	2		
83550 SAO MATEUS	1842S	03951W	25		1014.3	1017.3	22.2	1.1	22.6		10	115	48	5	194	118
83552 CORUMBA	1905S	05730W	130		1001.0	1019.1			17.8		0	T	-29	1		
83565 PARANAIBA	1942S	05111W	331		969.2	1016.6	20.5	.5	14.9		1	2	-29	2	260	97
83579 ARAXA	1934S	04656W	1004		905.1	1017.5	18.9	1.4	12.7		3	4	-16	3	266	104
83587 BELO HORIZONTE	1956S	04356W	850		915.9	1016.9	19.8	1.7	13.2		0	0	-15	0	240	94
83592 CARATINGA	1948S	04209W	609		949.9	1019.1	18.5	.5	17.1			2	-12	2	245	123
83630 FRANCA	2033S	04726W	1026				18.9	3.6	12.8		3	37	16	4	263	198
83648 VITORIA	2019S	04020W	36		1016.8	1021.1	23.0	1.3	21.4		4	43	-35	3	205	105
83676 CATANDUVA	2108S	04858W	536				17.8		17.8		0	0000	-022			
83698 CAMPOS	2145S	04120W	11		1017.5	1018.9	22.1		19.9		2	7		1		
83702 PONTA PORA	2232S	05542W	650		940.7	1018.3	17.1	.7	14.4		2	9	-46	1		
83704 IVINHEMA	2219S	05356W	369		972.9	1014.8			16.8		3	16	-7	2	223	106
83726 SAO CARLOS	2201S	04753W	856		922.3	1020.4	17.0	1.0	14.1		3	43	13	4	226	192
83738 RESENDE	2229S	04428W	440		967.1	1017.8	17.7		16.6		4	19		3	182	95
83766 LONDRINA	2323S	05111W	566		953.1	1019.2	17.2	.6	15.4		4	40	-28	3	208	105
<b>83781 SAO PAULO</b>	2330S	04637W	792		928.6	1018.0	17.8	2.0	14.4		5	75	31	5	190	116
83827 FOZ DO IGUAU (AEROPORTO)	2531S	05435W	180		989.0		16.8		14.1		5	52				
83836 IRATI	2528S	05038W	837		918.7	1016.8	13.0		13.5		11	117		3	135	80
<b>83842 CURITIBA</b>	2525S	04916W	924		915.5	1019.1	13.7	.9	13.1		9	109	20	4	150	102
83897 FLORIANOPOLIS	2735S	04834W	2		1017.9	1018.3	16.1	-.2	15.7		12	162	68	5	147	87
83967 PORTO ALEGRE	3001S	05113W	47		1013.7	1019.5	13.3	-1.2	12.5		6	145	24	3	143	97
83980 BAGE	3120S	05406W	242		989.9	1019.1	9.5	-3.0			7	69	-71	1	203	148
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1016.4	1020.9	8.9	-2.4			4	42	-78	1	174	121

# SURFACE

# JULY 2012

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.
<b>ECUADOR</b>																
84008 SAN CRISTOBAL (GALAPAGOS)	0054S	08937W	8		1010.9		24.1	1.9	23.9		9	26	12	5	192	
84088 IZOBAMBA	0021S	07833W	3058		706.7		11.5	.2	10.1		16	69	37	1	162	
84132 NUEVO ROCAFUERTE	0055S	07525W	265		990.5		24.7		27.1		19	41	-232	0	125	
84135 PORTOVIEJO	0102S	08027W	60		1009.5		25.3	1.2	23.9		0	0	-10	1	101	
84140 PICHILINGUE	0106S	07929W	120		1001.9		24.1	.8	25.2		1	2	-20	2	68	
84179 PUYO	0130S	07754W	960		908.8		20.6	.8	21.0		25	373	34	1	91	
84270 LOJA/LA ARGELIA	0402S	07912W	2160				15.6	.9	12.7		7	17	-40	1	147	
<b>PERU</b>																
84370 TUMBES	0333S	08023W	27		1007.5	1010.7	25.1		23.6		0	0		3		
84377 IQUITOS	0347S	07318W	126		1002.2	1012.7	25.4		26.8		14	133	-48	2		
84401 PIURA	0512S	08036W	55		1008.2	1012.7	24.5		21.2		0	0	-1	4		
84452 CHICLAYO	0647S	07949W	30		1009.9	1013.1	22.7		21.3		0	0	0	4		
84455 TARAPOTO	0630S	07622W	282		983.7	1018.9	25.7		24.1		5	54	-4	3		
84501 TRUJILLO	0805S	07906W	30		1010.1	1012.9	21.0		20.4		0	0	0	4		
84515 PUCALLPA	0822S	07434W	149		995.7	1013.7	25.0		25.4		4	51		4		
84628 LIMA/CALLAO	1201S	07707W	13		1012.4	1014.0	20.1		18.6		0	T	-1	1	54	
84686 CUZCO	1332S	07156W	3249		689.3		10.2		5.8		1	2	-1	4		
84691 PISCO	1344S	07613W	7		1013.1	1013.8	19.5		17.8		0	T	-1	4		
84752 AREQUIPA	1620S	07134W	2539		753.8		13.3		3.7		0	0	0	4		
84782 TACNA	1803S	07016W	469		963.6	1015.2	14.4		13.1		0	T	-4	4		
<b>BOLIVIA</b>																
85041 COBIJA	1102S	06847W	235		986.1	1011.9	25.1		23.6		3	21		3		
85043 RIBERALTA	1100S	06607W	141		996.3	1012.5	25.3		22.2		0	0		2		
85104 SAN JOAQUIN	1304S	06449W	140		997.3	1013.5	24.3		20.9		2	2		2		
85109 SAN RAMON	1318S	06442W	140		998.4	1007.6	24.2		20.7		3	53				
85114 MAGDALENA	1320S	06407W	140		998.5	1014.9	24.1		21.2		3	17		4		
85123 SANTA ANA	1346S	06526W	144		997.0	1013.8	24.1		19.8		3	10		3		
85140 REYES	1419S	06723W	140		994.0	1014.3	22.5		21.3		4	30				
85141 RURRENABAQUE	1428S	06734W	204		992.1	1015.3	22.4		23.2		11	52		3		
85152 SAN BORJA	1452S	06652W	194		991.2	1014.0	22.6		20.9		6	43		3		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		997.1	1015.7	22.3		19.7		1	13		2		
85154 TRINIDAD	1449S	06455W	155		997.2	1015.3	22.9		20.1		1	4		1		
85175 ASCENCION DE GUARAYOS	1543S	06306W	247		987.7	1016.6	21.4		18.3		1	1		2		
85195 SAN JAVIER	1616S	06228W	534		955.2	1015.4	19.4		17.2		1	3		2		
85196 CONCEPCION	1609S	06201W	497		959.2	1016.5	20.4		17.2		1	12		3		
85201 LA PAZ/ALTO	1631S	06811W	4058		630.4		5.0		3.0		4	5		3		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		967.8	1015.1	20.5		18.3		1	1		2		
85210 SAN MATIAS	1620S	05823W	124		997.8	1019.9	23.0		20.3		0	0				
85223 COCHABAMBA	1725S	06611W	2548				14.7		7.1		2	3		5		
85242 ORURO	1758S	06704W	3072		656.3		5.3		3.9		2	6		5		



# SURFACE

# JULY 2012

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.
85244 VIRU-VIRU	1738S	06308W	373		972.3	1015.9	19.6		14.6		6	6				
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		966.8	1015.6	19.7		14.4		10	24		2		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		984.5	1017.5	20.4		16.1		1	14		3		
85264 VALLEGRANDE	1828S	06406W	1998		804.5		12.8		10.6		6	33				
85268 ROBORE	1819S	05946W	276		985.7	1018.0	19.7		18.1		1	4		2		
85283 SUCRE	1901S	06518W	2904				12.2		9.9		2	4		5		
85289 PUERTO SUAREZ	1859S	05749W	134		999.6	1015.0	20.8		17.8		1	1		2		
85293 POTOSI	1933S	06544W	3935		636.7		5.8		4.3		0	0				
85312 MONTEAGUDO	1947S	06355W	992		878.8		14.6		12.4		2	5				
85315 CAMIRI	2000S	06332W	798		925.4	1016.1	15.9		11.2		6	3		2		
85345 VILLAMONTES	2115S	06327W	398		969.2	1015.0	15.6		11.4		3	5				
85364 TARIJA	2133S	06442W	1854				13.5		9.1		1	1		5		
85365 YACUIBA	2157S	06339W	645		937.5	1014.9	14.0		11.4		2	7		4		
85394 BERMEJO	2246S	06419W	381		973.1	1018.1	14.1		13.1		1	1				
<b>CHILE</b>																
85406 ARICA	1821S	07020W	55		1011.2	1015.6	16.9	1.3	12.7	-1.1	0	0	-1	4	134	105
85418 IQUIQUE	2032S	07011W	48		1010.7	1016.4	15.5	.3	12.0	-1.3	0	0	-1	4	105	65
85442 ANTOFAGASTA	2326S	07027W	140		999.2	1015.9	13.2	-2	11.4	-7	0	0	-1	3	187	90
85469 ISLA DE PASCUA	2710S	10920W	69		1013.4	1021.5	17.8		15.9		16	200		5	178	110
85488 LA SERENA	2955S	07112W	146		1001.3	1017.4	9.7	-1.0	9.3	-1.5	0	0	-30	1	157	95
85574 PUDAHUEL	3323S	07047W	474		963.3	1020.1	7.5		7.4		1	1		1	170	125
85577 QUINTA NORMAL	3326S	07041W	520		958.0	1020.4	7.9		7.8		1	2		1	157	130
85585 JUAN FERNANDEZ	3337S	07849W	30		1019.9	1023.5	12.0		11.1		12	60		1	120	130
85629 CURICO	3458S	07113W	220								3	19	-147	1	123	140
85672 CHILLAN	3635S	07202W	148								6	52	-168	1	169	155
85682 CONCEPCION	3646S	07304W	148		1020.9	1021.8	7.4	-1.4	8.6	-1.3	6	51	-171	1	193	145
85743 TEMUCO	3846S	07238W	93		1011.1	1022.6	5.5	-1.7	8.0	-1.0	15	78	-90	1	127	160
85766 VALDIVIA	3938S	07305W	19								14	166	-146	1	91	140
85782 OSORNO	4036S	07303W	58								14	117	-80	1		
85799 PUERTO MONTT	4126S	07306W	90		1010.3	1021.5	4.6	-2.0	8.1	-7	19	165	-63	1	86	120
85864 COYHAIQUE	4536S	07206W	311		976.7	1014.7	2.7	.7	5.3	-5	14	68	-92	1	99	120
85874 BALMACEDA	4555S	07142W	522		950.8	1014.6	.8	.6	4.9	-1	10	33	-50	1		
85934 PUNTA ARENAS	5300S	07051W	43		993.1	998.3	1.7	.6	5.7	.2	7	19	-11	3	101	135
<b>PARAGUAY</b>																
86011 ADRIAN JARA	1932S	05922W	150		1000.7	1017.1	18.2		15.6		2	4		2	204	
86033 BAHIA NEGRA	2014S	05810W	96		1007.2	1017.0	18.8		16.7		3	6		3	211	
86065 PRAT GILL	2242S	06130W	220		992.3	1016.9	15.1		11.5		4	7		4	163	
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	167		996.4	1016.4	15.9	-3.4	13.1	-4	2	4	-10	3	141	
86086 LA VICTORIA	2217S	05756W	88		1007.2	1016.5	17.4	-2.5	13.9	-2.2	5	43	16	4	162	
86097 PEDRO JUAN CABALLERO	2335S	05544W	652		952.1	1017.9	17.1		15.2		5	19		2	196	
86128 POZO COLORADO	2327S	05852W	99		1005.4	1017.1	15.5		14.4		3	36		5	184	
86134 CONCEPCION	2325S	05718W	74		1007.7	1016.6	17.0	-1.7	15.4	.0	7	60	18	4	169	
86185 SAN PEDRO	2404S	05705W	80		1007.6	1017.3	16.0		15.1		6	48		4	162	

# SURFACE

# JULY 2012

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.
86210 SALTOS DEL GUAIRA	2403S	05419W	265		980.5	1015.6	17.2		15.4		4	44		2	189	
86218 ASUNCION/AEROPUERTO	2515S	05731W	101		1007.5	1017.4	15.4	-2.5	13.8	-8	4	55	13	4	190	
86233 VILLARRICA	2546S	05626W	161		998.2	1017.7	15.3	-1.7	14.3	-3	6	134	67	5	178	
86246 AEROPUERTO INT. GUARANI	2521S	05427W	236		988.0	1017.4	16.0		15.3		7	87		3	164	
86255 PILAR	2651S	05819W	59		1010.8	1017.8	13.5	-3.0	12.4	-2.1	4	27	-30	2	169	
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126		1001.8	1017.4	14.5	-1.5	13.1	-5	7	86	8	4	157	
86297 ENCARNACION	2720S	05550W	91		1001.8	1012.7	14.1	-1.4	13.7	-2	8	66	-36	2		
<b>URUGUAY</b>																
<b>86330 ARTIGAS</b>	3023S	05630W	123		1004.7	1019.1	10.6	-2.5	9.0	-2.4	4	15	-87	1	214	124
86350 RIVERA	3053S	05532W	242		990.9	1019.8	10.5		9.0		4	55		2	215	135
86430 PAYSANDU	3220S	05802W	61		1012.9	1021.0	9.3		8.7		3	15		1	228	135
<b>86440 MELO</b>	3222S	05611W	100		1006.0	1018.6	9.3	-2.2	9.0	-2.2	5	118	-11	3	198	130
86460 PASO DE LOS TOROS	3248S	05631W	75		1009.9	1019.2	9.0	-2.4	8.2	-2.9	3	14	-99	0	216	150
<b>86490 MERCEDES</b>	3315S	05804W	22		1017.5	1019.7	8.1	-3.0	7.6	-3.8	5	17	-53	1	212	141
<b>86565 ROCHA</b>	3429S	05418W	18		1015.7	1018.1	8.1	-2.8	8.3	-3.3	6	74	-33	2	169	123
86580 CARRASCO	3450S	05600W	32		1015.2	1019.3	7.9	-2.8	8.3	-2.2	5	33	-56	1	194	126
<b>ARGENTINA</b>																
<b>87007 LA QUIACA OBSERVATORIO</b>	2206S	06536W	3462		673.3	3142 Z	4.9	1.1	1.5	-1.1	0	0	0	1	302	
87016 ORAN AERO	2309S	06419W	357		974.3	1015.9	14.1	-3	11.2	-1.8	0	0	-6	1	172	
87022 TARTAGAL AERO	2239S	06349W	450		963.7	1008.4	13.7		9.9		0	0			178	
87046 JUJUY AERO	2423S	06505W	921		913.4	1499 Y	10.9		8.0		0	T		3	212	105
<b>87047 SALTA AERO</b>	2451S	06529W	1238		874.5	1515 Y	8.7	-1.4	7.2	-1.1	1	2	-1	3	217	125
87078 LAS LOMITAS	2442S	06035W	130		1001.9	1017.5	14.9	-2.0	11.4	-1.8	1	2	-10	1	163	85
87097 IGUAZU AERO	2544S	05428W	270		985.6	1017.5	15.2		15.5		7	140		4	124	95
87121 TUCUMAN AERO	2651S	06506W	450		965.4	1018.1	11.4		8.1		1	5			135	
<b>87129 SANTIAGO DEL ESTERO AERO.</b>	2746S	06418W	199		988.1	1019.3	10.2	-2.4	6.6	-3.4	0	0	-3	1	213	
87148 PRESIDENCIA ROQUE SAENZ PENA	2644S	06029W	93		1006.7	1017.9	13.0		9.2		2	5				
87155 RESISTENCIA AERO	2727S	05903W	53		1011.7	1018.0	12.6		10.2		2	13		1	162	110
87162 FORMOSA AERO	2612S	05814W	60		1010.3	1017.5	14.1	-2.7	12.3	-2.6	4	32	-17	2	182	95
87178 POSADAS AERO.	2722S	05558W	131		1003.0	1017.9	14.9	-1.3	12.5	-1.8	8	54	-49	2	160	
<b>87217 LA RIOJA AERO.</b>	2923S	06649W	438		966.9	1018.0	10.0	-9	6.1	-2.2	0	0	-3	1	229	112
87222 CATAMARCA AERO.	2836S	06546W	454		963.1	1016.9	10.4		9.6		1	5		4	172	95
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		979.5	9.5	-1.8		6.9	-2.8	0	0	-16	1		
<b>87257 CERES AERO</b>	2953S	06157W	88		1008.9	1019.4	10.7	-1.7	6.8	-4.6	0	T	-18	1	231	136
87270 RECONQUISTA AERO	2911S	05942W	53		1012.6	1019.1	11.7	-2.1	9.2	-4.4	2	7	-32	1	213	123
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1010.6	1019.1	11.5	-2.1	10.1	-2.9	3	34	-56	2	192	125
<b>87305 JACHAL</b>	3015S	06845W	1175		856.2	6.4			5.0		0	0		2	216	
87311 SAN JUAN AERO	3124S	06825W	598		949.1	1020.0	6.6		4.3		0	0		2	266	
87320 CHAMICAL AERO	3022S	06617W	467		962.1	1020.0	10.1	-1.6	6.7	-1.8	0	T	-4	1	220	215
87328 VILLA DOLORES AERO	3157S	06508W	569		952.3	1019.6	9.1	-1.5	15.1	7.4	0	0	-10	1	251	129
<b>87344 CORDOBA AERO</b>	3119S	06413W	484		963.6	1020.0	9.3	-1.1	5.4	-3.3	0	0	-14	1	236	134
87349 PILAR OBSERVATORIO	3140S	06353W	338		979.8	1020.6	8.5	-1.8	5.3	-3.4	0	T	-15	1	231	127
<b>87374 PARANA AERO</b>	3147S	06029W	78		1010.9	1019.9	9.8	-1.7	7.6	-3.5	3	12	-21	2	219	129

# SURFACE

# JULY 2012

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.
87393 MONTE CASEROS AERO	3016S	05739W	54		1012.9	1019.5	11.1	-2.3	9.1	-3.6	2	11	-69	1		
87395 CONCORDIA AERO	3118S	05801W	38		1015.1	1019.8	9.9	-2.9	8.7	-3.5	3	13	-60	1	177	
<b>87418 MENDOZA AERO</b>	3250S	06847W	705		936.5	1019.0	7.2	-.5	4.7	-1.9	0	T	-6	1	267	147
87436 SAN LUIS AERO	3316S	06621W	713		935.6	1019.0	9.2	-.2	4.9	-2.1	0	T	-10	1	258	126
87448 VILLA REYNOLDS AERO	3344S	06523W	486		962.2	1020.8	5.6	-2.3	5.3	-2.2	2	3	-13	2	288	169
87453 RIO CUARTO AERO	3307S	06414W	421		969.2	1019.7	8.1	-1.1	5.8	-2.2	1	2	-10	2	196	122
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1006.1	1020.1	7.3	-2.6	6.6	-3.5	1	8	-17	2	214	145
87480 ROSARIO AERO	3255S	06047W	25		1016.9	1020.0	8.0	-2.3	7.3	-3.3	1	9	-27	2	218	135
87497 GUALEGUAYCHU AERO	3300S	05837W	23		1017.2	1019.9	8.7	-2.3	8.0	-3.0	3	19	-36	1	213	157
87506 MALARGUE AERO	3530S	06935W	1426		858.6	1505 Y	3.3	-.2	3.9	-1.4	2	4	-32	1	195	135
87509 SAN RAFAEL AERO	3435S	06824W	748		931.5	1019.4	6.3	-1.0	4.6	-1.7	2	7	-3	3	229	140
87532 GENERAL PICO AERO	3542S	06345W	145		1001.8	1019.5	7.0	-1.3	6.1	-2.4	1	1	-20	1	152	
<b>87534 LABOULAYE AERO</b>	3408S	06322W	137		1003.3	1020.2	6.8	-2.0	5.9	-2.8	0	0	-16	0	222	143
87544 PEHUAJO AERO	3552S	06154W	87		1009.0	1019.9	7.1	-1.2	7.0	-2.3	0	T	-26	1	213	
87548 JUNIN AERO	3433S	06055W	82		1009.7	1019.8	6.5	-2.4	6.3	-3.3	1	1	-34	1	212	143
87576 EZEIZA AERO	3449S	05832W	20		1017.7	1020.2	7.5	-2.2	7.3	-2.6	2	10	-46	0	172	169
87623 SANTA ROSA AERO	3634S	06416W	191		996.3	1019.7	7.0	-.6	5.0	-3.1	0	0	-18	1	192	132
87640 BOLIVAR AERO	3612S	06104W	94		1008.2	1020.1	6.6		6.7		0	T			210	
87641 AZUL AERO	3650S	05953W	147		1001.7	1020.0	4.4		6.0		0	T		0	196	150
87645 TANDIL AERO	3714S	05915W	175		997.8	1019.3	3.7		5.6		1	2		1	169	130
87648 DOLORES AERO	3621S	05744W	10		1018.4	1019.5	4.8	-3.4	6.6	-3.0	1	5	-55	1	146	128
87688 TRES ARROYOS	3820S	06015W	115		1004.5	1018.8	5.8		5.7		2	3		1	165	120
<b>87692 MAR DEL PLATA AERO</b>	3756S	05735W	21		1015.5	1018.1	5.1	-3.0	6.4	-2.9	4	8	-50	1	105	
<b>87715 NEUQUEN AERO</b>	3857S	06808W	271		986.2	1019.4	6.0	.4	4.5	-1.6	0	T	-14	1	197	148
<b>87750 BAHIA BLANCA AERO</b>	3844S	06210W	83		1007.8	1018.1	6.6	-1.0	5.3	-2.5	0	T	-29	1	207	163
87765 BARILOCHE AERO	4109S	07110W	845		920.3	1475 Y	2.0	-.1	5.1	-1.0	8	62	-66	1	169	144
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1014.5	1017.0	6.4	-1.9	4.5	-2.9	0	T	-20	1	199	146
87791 VIEDMA AERO	4051S	06301W	7		1014.9	1015.8	6.0		5.3		0	T		1	216	160
<b>87803 ESQUEL AERO</b>	4256S	07109W	799		921.0	1015.5	2.8	1.2	4.8	-.6	7	31	-42	1	162	
<b>87828 TRELEW AERO</b>	4312S	06516W	43		1008.0	1013.2	6.4	.4	4.7	-1.3	3	5	-14	2	203	149
87852 PERITO MORENO AERO	4631S	07101W	429		958.2	1010.4	2.7		5.0		3	9				
<b>87860 COMODORO RIVADAVIA AERO</b>	4547S	06730W	58		1003.5	1009.1	6.5	.1	5.3	-.4	2	7	-21	2	173	152
87896 PUERTO DESEADO AERO	4744S	06555W	81		996.9	1006.8	3.2	-.4	4.9	-1.3	2	17	-10	4	136	
87904 EL CALAFATE AERO	5016S	07203W	204		979.6	1004.8	1.6		5.0		3	17			127	
87909 SAN JULIAN AERO	4919S	06745W	62		997.4	1005.1	3.7		5.1		0	4		2	136	
<b>87925 RIO GALLEGOS AERO</b>	5137S	06917W	20		998.6	1001.0	1.9	1.0	5.0	-.4	3	14	-5	3	114	
87934 RIO GRANDE B.A.	5348S	06745W	22		994.8	997.5	-.1		5.6		8	13		2	83	95
87938 USHUAIA AERO	5448S	06819W	57		987.6	994.9	1.8	.5	5.3	-.2	4	43	7	1	40	
<b>ISLANDS</b>																
88903 GRYTVIKEN,	5416S	03630W	3		996.4	996.7	-1.5		4.2						13	
<b>ANTARCTICA</b>																

# SURFACE

# JULY 2012

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.
<b>ARGENTINA (ANTARCTIC)</b>																
88963 BASE ESPERANZA	6324S	05659W	24		987.4	990.6	-8.6	2.2	2.9		14	37	-17	2	1	120
88968 BASE ORCADAS	6044S	04444W	8		994.8	996.4	-9.8	-4	3.2		14	29	-15	2	11	
89034 BASE BELGRANO II	7752S	03437W	256		956.7	990.7	-23.6		.7		5	24			0	
89053 BASE JUBANY	6214S	05838W	11		988.9	990.2	-5.1		3.8		16	53			4	
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	208		964.6	989.8	-13.0		2.5		7	32			6	
89066 BASE SAN MARTIN	6807S	06708W	7		985.8	986.7	-7.7		3.1		8	33			0	
<b>AUSTRALIA (ANTARCTIC)</b>																
89564 MAWSON	6736S	06252E	16		981.7	983.8	-20.8		.9						27	
89571 DAVIS	6835S	07758E	23		978.5	981.6	-20.5		.9						13	
89611 CASEY	6617S	11030E	42		973.7	979.1	-17.7		1.3		7	40			4	
<b>CHILE (ANTARCTIC)</b>																
89056 CENTRO MET. ANTARTICO PDTE.	6211S	05859W	48		984.4	989.1	-6.1		3.5	.0	9	36		1		
89057 BASE ARTURO PRAT	6230S	05941W	5		987.8	988.3	-4.7	2.0	4.0	.9						
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		987.7	989.2	-7.1	1.4	3.1	.5	12	46	-19	3	6	
<b>CHINA (ANTARCTIC)</b>																
89058 GREAT WALL	6213S	05858W	10		987.8	989.9	-5.6		4.0							
<b>FRANCE (ANTARCTIC)</b>																
89642 DUMONT D'URVILLE	6639S	14000E	43		979.0	984.6	-18.5		1.1						19	
<b>GERMANY (ANTARCTIC)</b>																
89002 NEUMAYER	7040S	00815W	50		981.9	987.2	-29.5		.5						9	
<b>JAPAN (ANTARCTIC)</b>																
89532 SYOWA	6900S	03935E	21		979.0	981.9	-19.3	-1.5	1.0	-2					6	
<b>UKRAINE (ANTARCTIC)</b>																
89063 VERNADSKY	6515S	06416W	11		985.9	987.0	-3.8		3.8		14	54				
<b>UNITED KINGDOM (ANTARCTIC)</b>																
89022 HALLEY	7535S	02639W	35		985.2	989.4	-32.8		.3						0	
89062 ROTHERA	6734S	06808W	33		981.7	985.8	-7.4		2.9						3	
89065 FOSSIL BLUFF	7120S	06817W	69		977.2	985.3	-13.9		1.8							
<b>URUGUAY (ANTARCTIC)</b>																

# SURFACE

# JULY 2012

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.
89054 DINAMET-URUGUAY	6211S	05851W	17		986.9	989.1	-5.3		4.2							
<b>USA (ANTARCTIC)</b>																
89664 MCMURDO	7751S	16640E	24		981.2		-24.8	1.0								
<b>RUSSIAN FEDER. ANTARCTICA</b>																
89050 BELLINGSHAUSEN AWS	6212S	05856W	16		987.6	989.5	-5.4		3.9		17	69			3	
89512 NOVOLAZAREVSKAJA	7046S	01150E	119		965.7	981.2	-19.2		.9		6	44			2	
89592 MIRNYJ	6633S	09301E	40		974.6	980.5	-20.9		.1		8	19				
89606 VOSTOK	7827S	10650E	3488		613.9	1008.5	-69.8		.0		0	1			0	
<b>SW PACIFIC</b>																
<b>MALAYSIA (PENIN. MALAYSIA)</b>																
48601 PENANG/BAYAN LEPAS	0518N	10010E	4		1008.7	1009.1	27.9	1.0	30.1	.2	8	141	-51	2		
48615 KOTA BHARU	0610N	10210E	5		1007.8	1008.4	27.3	.2	29.0	-.3	12	161	7	3		
48647 KUALA LUMPUR/SUBANG	0307N	10130E	27		1006.8	1009.3	28.4	1.8	30.0	1.3	10	116	-13	3		
48657 KUANTAN	0347N	10310E	16		1007.0	1008.8	27.1	.8	30.5	1.4	6	106	-66	2		
48665 MALACCA	0216N	10210E	9		1008.8	1009.8	27.2	.8	30.2	.6	12	144	-20	2		
<b>SINGAPORE</b>																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10350E	16		1007.6	1009.4	27.7	.6	30.4	.6	14	131	-14	3	192	103
<b>USA (PACIFIC OCEAN NORTH)</b>																
91165 LIHUE, KAUAI, HAWAII	2159N	15920W	32		1012.7	1017.9	25.4	-.7	23.2		9	23	-31	2		
91182 HONOLULU, OAHU, HAWAII	2121N	15750W	5		1016.2	1016.8	26.5	-.4	21.9		2	3	-12	2		
91212 NWSO AGANA, GUAM, MARIANA IS	1328N	14440E	75		1001.0	1009.2	28.0	.2	30.0		23	171	-96	1		
91285 HILO/GEN. LYMAN, HAWAII, HAW	1943N	15500W	11		1016.1	1017.2	23.6	-.7	22.6		25	205	-41	4		
91334 CHUUK, ECI	0727N	15150E	4				27.7	.3				430	65	5		
91348 POHNPEI, CAROLINE IS.	0658N	15810E	38				27.5	.6				364	-103	3		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16740E	8				28.3	.6				300	35	5		
91376 MAJUORO/MARSHALL IS. INTNL.	0705N	17120E	3				28.8	1.6				192	-138	2		
91408 KOROR, PALAU WCI.	0720N	13420E	30				27.4	.0				416	-42	4		
91413 YAP, CAROLINE IS.	0929N	13800E	16				28.7	1.6				324	-45	4		
<b>NEW CALEDONIA</b>																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	24		1013.4	1015.5	20.5	.5	17.7		4	38	-15	0		
91592 NOUMEA (NLLE-CALEDONIE)	2217S	16627E	72		1008.1	1016.2	20.3	.6	17.5		6	40	-33			
<b>FIJI</b>																

# SURFACE

# JULY 2012

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.
<b>91650 ROTUMA</b>	1230S	17700E	26			1010.8	26.8		28.8		22	125		2	206	
<b>91652 UDU POINT AWS</b>	1608S	17950W	63			1013.3	24.9		25.2		8	5		1		
<b>91680 NADI AIRPORT</b>	1745S	17720E	18			1013.6	23.4	.0	23.1		3	33	-14	3	199	91
<b>91683 NAUSORI</b>	1803S	17830E	7			1014.2	23.0		24.0		22	203		5		
<b>DETACHED ISLANDS</b>																
<b>91753 HIHIFO (ILE WALLIS)</b>	1314S	17611W	27		1007.9	1011.1	26.8		27.9		11	85			163	
<b>SAMOA AND AMERICAN SAMOA</b>																
<b>91765 PAGO PAGO/INT.AIRP.</b>	1420S	17040W	6				26.6					148		4		
<b>COOK ISLANDS</b>																
<b>91843 RAROTONGA</b>	2112S	15940W	7		1014.4	1013.7			20.9						144	
<b>FRENCH POLY. (MARQUESAS IS)</b>																
<b>91925 ATUONA</b>	0949S	13902W	53		1005.2	1011.2	25.9		25.9		17	183	47		156	77
<b>FRENCH POLY. (SOCIETY IS)</b>																
<b>91929 BORA-BORA</b>	1627S	15145W	3		1012.6	1012.9	26.4		25.3		12	80				
<b>91938 TAHITI-FAAA</b>	1733S	14937W	2		1013.3	1013.6	25.5		23.4		5	10	-50	0	236	100
<b>FRENCH POLY. (TUAMOTU IS)</b>																
<b>91943 TAKAROA</b>	1429S	14502W	3		1012.6	1012.9	26.9		26.4		7	27	-63	0		
<b>91945 HERETHERETUE</b>	1954S	14557W	3		1014.9	1015.2	24.5		23.1		8	61		0		
<b>91948 RIKITEA</b>	2308S	13458W	91		1006.9	1017.3	20.7		18.7		10	62	-105		108	71
<b>FRENCH POLY. (AUSTRAL IS)</b>																
<b>91954 TUBUAI</b>	2321S	14929W	3		1015.3	1015.6	21.4		19.2		10	140	-4		49	28
<b>91958 RAPA</b>	2737S	14420W	2		1016.4	1016.6	18.3		15.8		16	280			93	
<b>NEW ZEALAND</b>																
<b>93012 KAITIAI</b>	3506S	17310E	54				12.4		11.6		14	210	62	4	143	105
<b>93292 GISBORNE AERODROME AWS</b>	3839S	17750E	5			1021.5	9.8	.6	10.7		17	233	115	6	102	
<b>93309 NEW PLYMOUTH AWS</b>	3901S	17410E	32			1019.7	9.8		10.4		11	184		5		
<b>93615 HOKITIKA AERODROME AWS</b>	4243S	17050E	45			1020.1	8.6		8.7		9	178		3		
<b>93678 KAIKOURA</b>	4225S	17340E	105			1020.3	8.7		7.8		9	75		3		
<b>93947 CAMPBELL ISLAND AWS</b>	5233S	16900E	19			1011.8	5.9		7.9		19	45		0		
<b>93987 CHATHAM ISLANDS AWS</b>	4357S	17630W	49			1023.2	8.5		9.9		8	47		1		
<b>93994 RAOUL ISLAND, KERMADEC IS. A</b>	2915S	17750W	49			1018.5	17.1		14.7		15	97		2		

# SURFACE

# JULY 2012

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.
<b>AUSTRALIA</b>																
94120 DARWIN AIRPORT	1225S	13050E	35		1008.9	1012.9	24.7		15.8		0	0	-1	1	323	103
94131 TINDAL RAAF	1431S	13220E	135		998.7	1014.4	21.4		11.3							
94150 GOVE AIRPORT	1217S	13640E	54		1007.1	1013.2	23.8		21.4		3	19			222	95
94170 WEIPA AERO	1241S	14150E	19		1010.3	1012.5	25.7		21.6		3	10			237	90
94203 BROOME AIRPORT	1757S	12210E	17		1014.6	1015.6	20.6		9.6		0	0	-2	1	331	
94212 HALLS CREEK AIRPORT	1814S	12740E	424		967.9	1016.7	18.4		5.9		0	0	-4	1		
94238 TENNANT CREEK MET OFFICE	1938S	13410E	377		974.4	1018.1	17.3		6.4		0	0	-6	1		
94287 CAIRNS AERO	1653S	14540E	8		1015.0	1015.9	21.9		18.0		3	43	18	5	216	97
94294 TOWNSVILLE AERO	1915S	14640E	9		1016.7	1017.8	19.6		15.7		6	102	92	6	218	85
94299 WILLIS ISLAND	1618S	14950E	9		1013.6	1014.6	24.5		22.3		11	79	48	5		
94300 CARNARVON AIRPORT	2453S	11340E	8		1018.7	1019.6	16.7		10.1							
94302 LEARMONTH AIRPORT	2214S	11400E	6		1017.7	1018.3	17.5		9.6		0	T	-26	1		
94312 PORT HEDLAND AIRPORT	2022S	11830E	10		1016.4	1017.3	18.8		7.7		0	0	-8	1		
94313 WITTENOOM	2215S	11820E	464				17.3				0	0		2		
94317 NEWMAN AERO	2325S	11940E	526		959.4	1020.4	13.5		4.8		0	0				
94326 ALICE SPRINGS AIRPORT	2348S	13350E	547		958.2	1022.5	9.4		4.8		0	0	-16	1		
94332 MOUNT ISA AERO	2041S	13920E	342		978.6	1018.4	16.2		8.2		0	0	-9	1		
94340 RICHMOND POST OFFICE	2044S	14300E	214				17.0				1	7		4		
94346 LONGREACH AERO	2326S	14410E	192		997.2	1020.1	14.6		9.3		3	62	39	5		
94367 MACKAY MO	2107S	14910E	33		1014.5	1018.8	17.0		15.8		11	126	78	5	200	85
94374 ROCKHAMPTON AERO	2323S	15020E	14		1017.9	1019.7	16.5		13.3		7	121	89	5		
94380 GLADSTONE RADAR	2351S	15110E	75		1011.0	1019.9	17.6		13.6		9	114		5		
94403 GERALDTON AIRPORT	2848S	11440E	37		1018.5	1022.2	13.9		9.6							
94430 MEEKATHARRA AIRPORT	2637S	11830E	522		961.2	1022.0	13.3		5.4		0	T	-24	1		
94461 GILES METEOROLOGICAL OFFICE	2502S	12810E	599		952.3	1022.1	11.1		4.0		0	0	-7	1	321	114
94476 OODNADATTA AIRPORT	2733S	13520E	118		1009.8	1023.9	11.0		6.4		0	0				
94480 MARREE	2939S	13800E	51				12.1				1	2		2		
94485 TIBOOBURRA POST OFFICE	2926S	14200E	184				11.6				2	8	-10	3		
94510 CHARLEVILLE AERO	2625S	14610E	306		985.9	1022.1	11.7		8.8		5	24	0	4		
94517 ST GEORGE AIRPORT	2803S	14830E	200		998.2	1022.2	12.2		9.5		6	24				
94568 AMBERLEY AMO	2738S	15240E	31		1017.9	1021.0	13.7		11.2							
94570 TEWANTIN RSL PARK	2623S	15300E	7		1019.5	1020.3	16.2		14.0		10	74				
94578 BRISBANE AERO	2723S	15300E	10		1019.6	1020.7	15.3		12.2		6	49	-19	1	216	85
94589 YAMBA PILOT STATION	2926S	15320E	30		1017.6	1021.0	14.8		12.4							
94601 CAPE LEEUWIN	3422S	11500E	14		1021.5	1023.2	14.8		11.5		13	70		0		
94602 ROTTNEST ISLAND	3201S	11530E	43		1017.8	1023.0	15.1		11.2		7	55				
94610 PERTH AIRPORT	3156S	11550E	20		1021.1	1023.6	12.4		9.1		5	31	-127	0	229	
94635 LAKE GRACE COMPARISON	3307S	11820E	287				10.1									
94637 KALGOORLIE-BOULDER AIRPORT	3047S	12120E	370		980.2	1023.9	10.2		7.0		4	33	8	4		
94638 ESPERANCE	3350S	12150E	27		1020.4	1023.7	13.0		9.6		11	70	-31	1		
94647 EUCLA	3141S	12850E	102		1011.9	1024.2	11.9		8.9		5	23		3		
94653 CEDUNA AMO	3208S	13340E	24		1022.3	1024.2	10.9		9.1		6	22	-18	1		
94659 WOOMERA AERODROME	3109S	13640E	168		1003.9	1024.3	10.7		7.4		1	5	-11	2		
94672 ADELAIDE AIRPORT	3457S	13830E	8		1022.5	1023.5	11.3		10.0		10	30	-36	1	154	100
94681 NURIOOTPA VITICULTURAL	3429S	13900E	276		990.5	1023.9	9.1		9.1		10	39	-28	1	163	115

# SURFACE

# JULY 2012

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.
94689 BROKEN HILL (PATTON STREET)	3159S	14120E	315				10.3				4	42				
<b>94693 MILDURA AIRPORT</b>	3414S	14200E	53		1017.2	1023.7	10.1		8.7		5	44	18	4	180	105
<b>94711 COBAR MO</b>	3129S	14550E	264		991.7	1023.5	10.2		8.2							
94738 SCONE SCS	3204S	15050E	216													
94740 GUNNEDAH SCS	3102S	15010E	307				11.2				7	83		5		
94750 NOWRA RAN AIR STATION AWS	3457S	15030E	122		1009.2	1021.9	11.2		9.0		6	33	-15	1		
94767 SYDNEY AIRPORT AMO	3356S	15110E	6		1021.3	1021.9	13.1		9.7		8	51	-3	3		
94776 WILLIAMTOWN RAAF	3248S	15150E	10		1021.0	1022.1	12.5		10.3		12	93	30	4		
94786 PORT MACQUARIE AIRPORT AWS	3126S	15250E	5		1020.8	1021.4	13.1		11.5		12	73				
94791 COFFS HARBOUR MO	3019S	15300E	6		1020.5	1021.3	14.1		11.4		12	58	-4	3		
<b>94802 ALBANY AIRPORT</b>	3456S	11740E	71		1014.7	1023.2	11.8		10.5		13	75	-47	1	176	
94812 ROBE	3710S	13940E	4				11.3				13	65		1		
94814 STRATHALBYN RACECOURSE	3517S	13850E	58		1015.9	1023.0	10.6		9.7		9	74				
<b>94821 MOUNT GAMBIER AERO</b>	3744S	14040E	69		1013.5	1021.9	9.8		10.0		16	74	-29	2	132	99
94826 CAPE NELSON LIGHTHOUSE	3826S	14130E	47		1015.6	1021.3	11.5		11.0		13	64				
<b>94842 CAPE OTWAY LIGHTHOUSE</b>	3851S	14330E	83		1011.0	1021.1	10.9		10.0		18	106		3		
94865 LAVERTON RAAF	3752S	14440E	20		1019.4	1021.9	10.0		9.9		8	30	-13	2		
94866 MELBOURNE AIRPORT	3740S	14450E	132		1007.8	1022.3	9.7		9.4		11	35	-3	3	121	85
94893 WILSONS PROMONTORY LIGHTHOUS	3907S	14620E	97		1008.5	1020.3	10.9		11.3		10	53		1		
<b>94907 EAST SALE AIRPORT</b>	3806S	14700E	8		1021.1	1022.1	8.7		9.0		3	12	-31	1		
<b>94910 WAGGA WAGGA AMO</b>	3510S	14720E	221		997.3	1023.4	8.1		8.4		6	43	-12	3	163	130
94926 CANBERRA AIRPORT	3518S	14910E	580		954.3	1023.6	6.0		6.9							
<b>94937 MORUYA HEADS PILOT STATION</b>	3555S	15000E	17		1019.1	1021.1	11.4		9.3		3	8		1		
94954 CAPE GRIM BAPS	4040S	14440E	94		1008.9	1020.1	10.7		10.2		20	99				
<b>94967 CAPE BRUNY LIGHTHOUSE</b>	4330S	14700E	55				9.2				16	72		1		
94975 HOBART AIRPORT	4250S	14730E	27		1015.2	1018.6	8.7		8.2		7	20	-29	1	148	100
94983 EDDYSTONE POINT	4100S	14820E	21		1016.9	1019.5	10.6		10.2		8	22		0		
95322 RABBIT FLAT	2011S	13000E	340		979.0	1018.7	14.8		4.8		0	0			326	100
95527 MOREE AERO	2929S	14950E	218		996.1	1022.4	11.3		9.3		6	89				
<b>95646 FORREST</b>	3050S	12800E	160		1005.0	1024.4	10.7		7.3		1	1				
95670 RAYVILLE PARK	3347S	13810E	109		1010.5	1023.9	9.7		9.7		10	25				
95719 DUBBO AIRPORT AWS	3213S	14830E	285		988.9	1023.4	9.4		8.8		4	45				
<b>95753 RICHMOND RAAF</b>	3336S	15040E	21		1020.0	1022.4	10.8		9.3		3	16				
95869 DENILQUIN AIRPORT AWS	3534S	14450E	96		1011.3	1022.9	8.8		8.6		6	38				
95916 CABRAMURRA SMHEA	3556S	14820E	1483				1.6		5.9		8	82				
95964 LOW HEAD	4103S	14640E	4				9.5									
<b>AUSTRALIA (ADDITIONAL IS.)</b>																
<b>94995 LORD HOWE ISLAND AERO</b>	3132S	15900E	7		1017.4	1018.2	16.3		13.2		24	243	88	1		
<b>94996 NORFOLK ISLAND AERO</b>	2902S	16750E	117		1002.7	1016.6	16.5		13.8							
<b>94998 MACQUARIE ISLAND</b>	5430S	15850E	8		1002.7	1003.7	4.1		6.9		19	110	41	5	34	142
<b>INDONESIA</b>																
96001 SABANG/CUT BAU	0552N	09519E	126		994.7	1009.5	27.8		30.1		11	123			145	
96035 MEDAN/POLONIA	0334N	09841E	25			1012.6	27.5		27.8		11	279		5	156	125



## SURFACE

JULY 2012

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.
<b>96073 SIBOLGA/PINANGSORI</b>	0133N	09853E	3		1008.2	1008.9	26.4				31	194		5	155	95
96091 TANJUNG PINANG/KIJANG	0055N	10430E	18		1007.6	1010.0	26.7		29.8		13	200			131	100
96109 PEKAN BARU/SIMPANGTIGA	0028N	10120E	31		1003.7		34.7				8	270		4	171	
<b>96163 PADANG/TABING</b>	0053S	10020E	3		1009.5	1010.0	26.5		28.1		16	195		0		
96171 RENGAT/JAPURA	0020S	10210E	46			1008.8	26.9		28.5		11	96		2	153	120
96221 PALEMBANG/ST. M. BADARUDIN I	0254S	10440E	10		1007.9	1009.7			28.5		5	39			149	50
96237 PANGKAL PINANG	0210S	10600E	33		1005.5	1009.6	26.9		26.1		13	193			160	60
96249 TANJUNG PANDAN/BULUH TUMBANG	0245S	10740E	44		1003.7	1009.7	26.4		28.3		8	305		1	172	95
96295 TANJUNG KARANG/RADIN INTEN I	0506S	10510E	96		1000.0	1001.0	26.7				4	18			356	
96509 TARAKAN/JUWATA	0320N	11730E	6		1007.8	1008.9	27.3		30.7		18	322			167	
96633 BALIKPAPAN/SEPINGGAN	0116S	11650E	3		1008.5	1009.2	26.0		30.7		18	362		5	115	95
96685 BANJARMASIN/SYAMSUDIN NOOR	0326S	11440E	20		1007.7	1010.0	26.0		28.0		18	145		2	106	70
96739 CURUG/BUDIARTO	0614S	10630E	46		1006.1	1011.0	26.3		26.0		2	32		2	192	100
<b>96745 JAKARTA/OBSERVATORY</b>	0611S	10650E	8		1009.8	1010.3	28.7		27.2		1	21		2	150	85
96791 CIREBON/JATIWANGI	0645S	10810E	50		1004.5	1012.0	27.5		22.9		0	0		2	218	110
96797 TEGAL	0651S	10900E	10		1010.0	1010.6	26.9		25.2		1	1		1	257	115
<b>96805 CILACAP</b>	0744S	10900E	6		1012.0	1012.9	25.4		26.1		1	4			250	105
96837 SEMARANG	0658S	11020E	3		1010.3	1010.6	28.1		25.6		2	10			246	120
96933 SURABAYA/PERAK I	0713S	11240E	3			1010.8	27.7		24.3		0	2		0	215	115
<b>97014 MENADO/ SAM RATULANGI</b>	0132N	12450E	80		999.7	1009.3	26.3		26.7		17	348		5	128	70
97048 GORONTALO/JALALUDDIN	0031N	12300E	2		1005.8	1008.2	26.3		24.7		23	244			135	60
<b>97146 KENDARI/WOLTER MONGINSIDI</b>	0406S	12220E	50		1004.1	1010.0	26.1					137		5		
97180 UJUNG PANDANG/HASANUDDIN	0504S	11930E	14		1008.4	1010.2	26.2		28.1		7	39		4	216	90
97230 DENPASAR/NGURAH RAI	0845S	11510E	1		1011.2	1011.9	25.8		25.1		4	50		4	237	90
<b>97240 MATARAM/SELAPARANG</b>	0832S	11600E	3			1012.2	24.0		26.2		2				204	250
97260 SUMBAWA BESAR/BRANGBIJI	0826S	11720E	3		1010.0	1010.7	25.6		22.6		0	0		0	268	105
<b>97340 WAINGAPU/MAU HAU</b>	0940S	12020E	12		1011.1	1012.3	25.3		28.8		0	0		0	258	200
<b>97372 KUPANG/ELTARI</b>	1010S	12340E	108		1010.2	1012.6	24.9		21.6		1				243	110
<b>97502 SORONG/JEFMAN</b>	0056S	13100E	3		1008.4	1008.8	26.2		29.8		26	454			138	
97530 MANOKWARI/RENDANI	0053S	13400E	3		1007.9	1008.4	27.1		29.0		15	116		1	126	80
<b>97560 BIAK/FRANS KAISIEPO</b>	0111S	13600E	11		1007.1	1008.6	26.5		30.4		28	282			80	60
<b>97686 WAMENA</b>	0404S	13850E	1660			1007.2	18.6				16	191		4	115	
97690 JAYAPURA/SENTANI	0234S	14020E	99			1008.0	26.7		29.0			76		1	46	
<b>97724 AMBON/PATTIMURA</b>	0342S	12800E	12		1008.5	1010.2	25.4									
97876 TANAH MERAH	0606S	14010E	16		1010.6	1013.6	25.5		27.5		15	147			70	
<b>97900 SAUMLAKI/OLILIT</b>	0759S	13110E	24		1008.4	1011.3	25.9		26.7		10	45			177	95
<b>97980 MERAUKE/MOPAH</b>	0828S	14020E	3		1009.7	1010.4	25.6		26.3		9	90		5	134	65
<b>BRUNEI DARUSSALAM</b>																
96315 BRUNEI AIRPORT	0456N	11450E	22		1006.9	1008.8	27.6		30.2	.6	17	366	147	4	232	105
<b>MALAYSIA (SABAH AND SARAWAK)</b>																
<b>96413 KUCHING</b>	0129N	11020E	27		1006.4	1009.1	26.8		29.6		17	220		4		
96421 SIBU	0220N	11150E	31		1005.3	1008.9	26.5		29.0		15	239		4		
<b>96441 BINTULU</b>	0312N	11300E	5		1006.4	1009.1	26.7	.0	30.0		13	426	172	5		

# SURFACE

# JULY 2012

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.
96449 MIRI	0420N	11350E	18		1007.1	1009.0	26.8	-1	28.6		13	161	-45	3		
<b>96465 LABUAN</b>	0518N	11510E	30		1005.4	1008.8	27.3		29.6	-5	19	372		5		
96471 KOTA KINABALU	0556N	11600E	3		1008.5	1008.8	27.4		29.6		15	487		5		
96481 TAWAU	0416N	11750E	20		1007.0	1008.9	26.7		27.8		17	276	69	5		
<b>96491 SANDAKAN</b>	0554N	11800E	13		1007.1	1008.3	27.5	.4	31.4		13	199		3		
<b>ISLANDS</b>																
<b>96995 CHRISTMAS ISLAND AERO</b>	1027S	10540E	279		982.8	1012.5			23.9							
<b>96996 COCOS ISLAND AERO</b>	1211S	09650E	4		1011.6	1012.0	26.8		26.7		14	165	-32	3		
<b>PHILIPPINES</b>																
98223 LAOAG	1811N	12030E	5		1004.6	1005.2	27.8		31.7		19	523			180	
<b>98232 APARRI</b>	1822N	12130E	3		1006.0	1006.3	28.5	-2	31.6	-5	14	198	-65			
98233 TUGUEGARAO	1737N	12140E	62		998.3	1005.4	27.8		29.8		16	236			185	
98325 DAGUPAN	1603N	12020E	2		1005.8	1006.0	27.9	-2			26	640	133			
98328 BAGUIO	1625N	12030E	1501		848.2	1004.4	19.4		20.6		26	1020				
98330 CABANATUAN	1529N	12050E	32		1003.6	1006.8	28.3		28.1		26	313				
98430 SCIENCE GARDEN	1438N	12100E	46		1001.6	1006.5	27.0		30.3		27	886			105	
<b>98444 LEGASPI</b>	1308N	12340E	17		1004.7	1006.6	27.6	-2	31.7	1.0	22	489	223			
98550 TACLOBAN	1115N	12500E	3		1006.5	1006.8	28.1	.3	31.7	1.8	21	136	-31		120	
98644 TAGBILARAN	0936N	12350E	8		1006.9	1007.8	28.0		31.7		13	172				
98646 MACTAN	1018N	12350E	24		1007.0	1009.8	27.6	-7			16	359	202		155	
<b>98653 SURIGAO</b>	0948N	12530E	55		1001.6	1006.1	28.5	.7	33.6	3.2	16	136	-1			
98755 HINATUAN	0822N	12620E	3		1007.2	1007.6	27.5		31.7		14	378				
<b>98836 ZAMBOANGA</b>	0654N	12200E	6		1008.7	1009.5	27.8	.4	31.7	2.1	17	169	33		167	
<b>98836 ZAMBOANGA</b>	0654N	12200E	6		1008.7	1009.5	27.8	.4	31.7	2.1	17	169	33		167	

# 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.
OCTOBER 2011																
NOVEMBER 2011																
DECEMBER 2011																
JUNE 2012																
<b>ASIA</b>																
<b>VIET NAM</b>																
48806 SON LA	2120N	10350E	676		927.9	1002.6	25.9		26.9		15	122		1	127	
48808 CAO BANG	2240N	10610E	244		973.8	1001.2	27.1		31.0		17	261		4	107	65
48820 HA NOI	2102N	10540E	6		999.3	1000.1	30.3		31.9		14	269		4	108	60
48826 PHU LIEN	2048N	10630E	116		987.9	1001.3	28.8		33.7		10	194		2	144	75
48830 LANG SON	2150N	10640E	263		971.3	1000.8	27.0		31.0		11	166		3	119	70
48840 THANH HOA	1945N	10540E	5			1000.8	29.8		31.9		7	185		6	145	75
48845 VINH	1840N	10540E	6		1000.5	1001.2	30.7		29.6		4	125		4	145	70
48848 DONG HOI	1729N	10630E	8		1001.5	1002.3	30.1		29.6		8	89		3	161	70
48852 HUE	1626N	10730E	10		1002.2		29.2		30.6		7	20			194	80
48855 DA NANG	1604N	10820E	7		1002.1	1002.9	30.6		30.0		5	45		2	185	75
48870 QUY NHON	1346N	10910E	6		1002.8	1003.5	31.2		27.2		4	51		5	220	90
48877 NHA TRANG	1213N	10910E	4		1004.1	1004.6	29.8		31.9		2	24		2	236	100
48887 PHAN THIET	1056N	10800E	8		1006.3	1006.9	27.7		30.4		13	87		1	218	
48914 CA MAU	0911N	10500E	2		1007.6	1007.8	28.4		31.5		6				133	
48917 PHU QUOC	1013N	10350E	4		1007.2	1007.8	28.5		32.7		22	343		1	181	105

# UPPER AIR

# JULY 2012

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
<b>EUROPE - SPAIN</b> <b>LA CORUNA</b> 08001 JUL 2012 4322N 00825W OB 3									<b>EUROPE - POLAND</b> <b>LEGIONOWO</b> 12374 JUL 2012 5224N 02058E OB 3									<b>EUROPE - POLAND</b> <b>WROCLAW I</b> 12425 JUL 2012 5107N 01653E OB 3								
030	24272	8	-50.7	33.4	8	97	98	20	030	24378	0	-48.7	34.1	0	93	99	8	030	24364	0	-48.8	33.3	0	93	95	6
050	20972	1	-54.4	32.2	1	86	104	10	050	21051	0	-52.1	33.0	0	69	138	3	050	21040	0	-52.3	32.2	0	78	129	4
100	16587	1	-59.1	29.3	1	90	263	22	100	16595	0	-53.9	32.4	0	87	230	10	100	16587	0	-54.1	31.4	0	87	229	11
150	14039	1	-56.8	26.8	1	89	265	37	150	13976	0	-50.9	33.0	0	86	236	14	150	13970	0	-50.9	32.0	0	83	238	16
200	12205	1	-53.6	18.7	1	82	270	40	200	12100	0	-50.7	23.8	0	77	237	16	200	12093	0	-50.7	22.3	0	72	237	16
300	9525	1	-38.5	15.0	1	77	272	32	300	9426	0	-40.5	11.1	0	70	239	15	300	9424	0	-40.7	10.2	0	70	240	16
500	5808	1	-11.0	17.2	1	83	273	23	500	5744	0	-13.8	12.9	0	78	238	11	500	5742	0	-13.9	14.2	0	74	241	12
700	3144	1	4.8	14.7	1	79	283	13	700	3108	0	2.0	8.3	0	77	231	9	700	3108	0	1.8	8.4	0	73	243	8
850	1538	1	12.1	10.3	1	50	290	6	850	1512	0	12.1	6.9	0	69	235	5	850	1513	0	11.7	6.0	0	63	249	5
1011	* 67		18.6	4.3					1003	* 96		21.2	7.5					1001	* 122		19.7	5.4				
<b>EUROPE - HUNGARY</b> <b>BUDAPEST/PESTSZENTLORINC</b> 12843 JUL 2012 4726N 01911E OB 3									<b>EUROPE - CROATIA</b> <b>ZAGREB/MAKSIMIR</b> 14240 JUL 2012 4549N 01602E OB 3									<b>EUROPE - ITALY</b> <b>UDINE/CAMPOFORMIDO</b> 16044 JUL 2012 4602N 01311E OB								
030	24337	5	-50.3		5	97	95	9	030	24301	0	-50.6	33.4	0	94	97	8	030	24310	3	-50.4	33.3	4	93	97	15
050	21036	5	-54.8		5	81	115	5	050	21009	0	-54.7	32.2	0	80	132	5	050	21018	1	-54.7	32.1	2	81	115	9
100	16646	5	-57.5		5	84	236	10	100	16632	0	-59.0	30.4	0	84	238	12	100	16630	0	-57.9	30.6	1	83	242	23
150	14062	5	-53.1		5	87	247	18	150	14062	0	-54.1	30.5	0	88	250	20	150	14056	0	-54.4	30.1	1	88	249	41
200	12196	5	-50.4		5	80	251	18	200	12199	0	-50.4	25.0	0	87	256	22	200	12196	0	-51.2	21.9	1	83	257	45
300	9506	3	-39.1	12.4	3	74	258	13	300	9512	0	-39.0	13.7	0	80	257	17	300	9510	0	-39.0	12.1	1	82	259	38
500	5799	2	-11.9	12.6	2	74	249	9	500	5801	0	-11.5	14.6	0	74	252	10	500	5799	0	-11.7	13.3	2	76	261	21
700	3139	0	4.4	8.1	0	63	237	5	700	3139	0	5.0	9.2	0	56	246	6	700	3139	0	4.7	6.7	2	61	250	12
850	1525	0	15.1	7.5	0	21	285	1	850	1523	0	14.9	6.4	0	12	200	1	850	1522	0	15.7	7.0	2	30	181	3
998	* 139		20.2	5.7					1000	* 128		24.0	9.1					1003	* 94		22.1	6.2				
<b>EUROPE - GREECE</b> <b>HERAKLION (AIRPORT)</b> 16754 JUL 2012 3520N 02511E OB /									<b>EUROPE - CYPRUS</b> <b>ATHALASSA</b> 17607 JUL 2012 3509N 03324E OB 2									<b>EUROPE - JORDAN</b> <b>MAFRAQ</b> 40265 JUL 2012 3222N 03615E OB 3								
030	24178	5	-53.9	32.3	5	98	88	16	030	24171	1	-53.3	32.5	1	98	97	15	030	24835	1	-73.2		1	34	161	6
050	20954	1	-61.4	29.3	1	97	96	11	050	20947	0	-61.8	29.0	0	96	98	11	050	24392	1	-60.2		1	79	235	10
100	16792	0	-70.6	18.7	0	76	233	7	100	16799	0	-71.4	20.6	0	74	240	7	100	12543	1	-47.2		1	91	250	13
150	14329	0	-59.2	24.9	0	94	247	15	150	14337	0	-58.6	27.4	0	92	259	14	150	19738	1	-26.9		1	91	258	15
200	12479	0	-47.3	29.3	0	94	259	15	200	12479	0	-46.3	32.7	0	96	261	18	200	17604	1	-13.6	34.7	1	91	256	13
300	9695	0	-29.8	33.8	0	83	276	11	300	9679	0	-28.4	37.1	0	96	265	15	300	5876	1	-3.4	35.9	1	72	265	12
500	5879	0	-4.9	35.2	0	70	314	6	500	5851	0	-4.8	39.1	0	60	300	5	500	4416	1	-54.6	29.0	1	77	232	9
700	3149	0	12.2	32.8	0	81	359	6	700	3129	0	10.4	17.4	0	53	335	3	700	3140	1	13.3	23.6	1	77	214	11
850	1501	0	20.3	18.4	0	95	355	9	850	1479	0	22.2	16.0	0	57	350	2	850	1478	1	23.6	21.2	7	90	299	7
1005	* 39		25.2	6.6					987	* 162		33.3	15.0					931	* 683		22.9	8.3				

# UPPER AIR

# JULY 2012

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	
<b>ASIA - SAUDI ARABIA</b> <b>AL-QAISUMAH</b> 40373 JUL 2012 2819N 04608E OB									<b>ASIA - INDIA</b> <b>PATNA</b> 42492 JUL 2012 2536N 08506E OB 3									<b>ASIA - INDIA</b> <b>CALCUTTA/DUM DUM</b> 42809 JUL 2012 2239N 08827E OB 3									
030	24096	16	-54.2	32.5	9	98	95	33	030	24012	6	-55.2			6	95	88	20	030	24000	3	-54.3	25.0	3	99	89	23
050	20882	16	-62.8	27.1	9	99	99	35	050	20813	6	-51.4	27.0		6	90	85	17	050	20794	3	-63.3	5.6	3	98	84	20
100	16812	9	-76.1	12.4	9	90	118	21	100	16770	3	-79.6	8.5		3	97	88	17	100	16716	2	-79.1	7.3	2	99	83	28
150	14396	8	-61.9	16.4	9	61	156	10	150	14345	3	-64.0	6.4		3	96	82	15	150	14338	1	-63.6	5.9	1	98	77	26
200	12558	7	-47.6	24.0	9	61	184	9	200	12538	3	-47.6	1.2		3	84	87	11	200	12510	1	-48.3	7.1	1	97	82	20
300	9756	7	-27.1	32.1	9	40	215	4	300	9728	3	-24.5	5.5		3	90	101	7	300	9706	1	-25.9	7.7	1	97	98	12
500	5895	7	-4.1	25.3	9	46	313	5	500	5805	4	-1.0	3.3		3	52	117	3	500	5816	1	-1.9	4.1	1	66	135	4
700	3146	7	16.3	23.1	9	86	307	16	700	3044	3	12.7	4.0		2	23	119	1	700	3063	1	12.1	2.7	1	43	197	3
850	1454	7	31.4	33.2	9	70	334	11	850	1392	3	21.2	2.6		2	33	129	2	850	1407	1	20.4	2.4	1	62	204	4
959	* 358		40.1	33.4					991	* 60		29.5	3.9						997	* 6		28.7	2.6				
<b>ASIA - INDIA</b> <b>NAGPUR SONEGAON</b> 42867 JUL 2012 2106N 07903E OB 3									<b>ASIA - INDIA</b> <b>BHUBANESHWAR</b> 42971 JUL 2012 2015N 08550E OB 3									<b>ASIA - INDIA</b> <b>BOMBAY / SANTACRUZ</b> 43003 JUL 2012 1907N 07251E OB 3									
030	23988	9	-55.3		9	99	88	24	030	24015		-54.4	19.9						030								
050	20785	9	-64.1		9	99	85	21	050	20809	7	-61.7	23.6						050								
100	16721	4	-80.1		4	99	88	34	100	16703	3	-78.3	7.0						100								
150	14345	2	-64.0		2	98	85	27	150	14323	1	-64.1	5.1		9	98	83	27	150								
200	12519	2	-48.5	4.5	2	97	84	19	200	12500	1	-48.7	7.4		9	99	85	22	200								
300	9716	2	-25.8	3.6	2	96	88	11	300	9699	1	-26.1	9.1		9	93	96	9	300								
500	5834	2	-2.8	1.3	2	52	42	3	500	5814	1	-2.4	3.5		8	21	178	1	500	5737	6	-6.4	5.5				
700	3086		11.5	1.4		69	310	5	700	3071	1	14.8	4.8		7	85	273	5	700	3033	2	8.6	5.3				
850	1431		20.2	2.2		92	298	9	850	1418	1	20.2	2.1		3	88	275	7	850	1409	2	15.9	1.2	9	95	263	5
965	* 310		26.3	2.3					993	* 46		27.4	1.2						1000	* 14		28.0	2.9				
<b>ASIA - INDIA</b> <b>GOA/PANJIM</b> 43192 JUL 2012 1529N 07349E OB 3									<b>AFRICA - SPAIN (CANARY ISLANDS)</b> <b>TENERIFE-GUIMAR</b> 60018 JUL 2012 2819N 01623W OB									<b>AFRICA - MOROCCO</b> <b>CASABLANCA</b> 60155 JUL 2012 3334N 00740W OB 1									
030									030	23767	0	-54.8	32.3		0	25	136	3	030	24149	1	-53.8	32.6	1	99	94	15
050									050	20547	0	-60.4	30.5		0	46	227	6	050	20912	0	-59.9	30.2	2	90	89	9
100	16619	7	-80.1	6.3	7	99	90	39	100	16315	0	-66.4	26.6		0	94	258	39	100	16687	0	-68.3	19.8	1	89	212	8
150	14231	2	-66.4	5.8	3	98	87	33	150	13830	0	-61.1	25.9		0	95	259	57	150	14230	0	-62.2	19.0	1	90	245	14
200	12432	3	-51.7	5.1	3	94	88	21	200	12036	0	-58.5	15.6		0	86	254	58	200	12413	0	-52.1	21.0	1	86	249	14
300	9667	3	-29.3	4.3	3	77	99	7	300	9402	0	-41.9	16.3		0	75	261	41	300	9688	0	-34.3	24.8	0	85	245	11
500	5817	2	-3.9	5.7	2	51	280	3	500	5739	0	-14.0	24.9		0	72	275	23	500	5923	0	-8.6	16.6	0	93	229	11
700	3089	2	9.9	4.3	2	91	279	9	700	3099	0	2.8	25.3		0	57	302	10	700	3211	0	13.2	22.0	1	92	239	9
850	1456	2	17.7	1.6	2	97	272	11	850	1509	0	8.6	10.0		0	64	351	6	850	1548	0	23.7	26.2	1	12	114	0
999	* 60		24.2	1.4					1005	* 111		17.7	7.7						1009	* 57		21.5	3.3				

# UPPER AIR

# JULY 2012

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
<b>AFRICA - ETHIOPIA</b> <b>ADDIS ABABA-BOLE</b> 63450 JUL 2012 0902N 03845E OB 2									<b>AFRICA - SEYCHELLES</b> <b>SEYCHELLES INTER. AIRPORT (R</b> 63985 JUL 2012 0441S 05531E OB 3									<b>N AMERICA - BERMUDA</b> <b>BERMUDA INTERNATIONAL AIRPOR</b> 78016 JUL 2012 3222N 06440W OB 3								
030									030	23823	14	-56.0	30.6	9	99	87	28	030	24122	29	-52.8	15.6	9	0	89	32
050		29	-56.8		9	97	84	36	050	20645	13	-64.9	26.3	9	88	89	8	050	20881	27	-58.3	16.7	9	99	84	22
100		7	-65.9		7	95	89	19	100	16549	13	-76.9	12.2	9	55	104	4	100	16609	27	-65.8	11.9	9	30	7	2
150	16592	7	-77.7		7	96	85	25	150	14170	13	-67.6	11.5	9	95	78	25	150	14138	27	-62.3	12.5	9	33	360	7
200	14223	7	-67.4		7	84	90	26	200	12390	13	-55.0	8.7	9	96	76	18	200	12342	27	-56.1	8.2	9	63	342	16
300	12436	7	-53.9		7	99	87	20	300	9667	13	-32.3	14.4	9	80	133	4	300	9645	27	-34.1	9.2	9	62	287	17
500	9698	7	-31.0		7	99	74	11	500	5848	12	-5.1	28.1	9	37	261	2	500	5873	27	-9.0	7.9	9	63	285	16
700	5877	6	-6.0		6	89	79	8	700	3137	12	9.7	15.6	9	73	237	5	700	3192	27	6.2	5.6	9	62	289	16
772	*2354		19.9	14.0					850	1499	12	16.6	5.9	9	96	133	8	850	1568	27	16.2	3.8	9	60	274	15
									1010	* 4		27.9	5.9					1014	* 130		25.6	3.3				
<b>N AMERICA - CURACAO AND BONAIRE</b> <b>HATO AIRPORT, CURACAO</b> 78988 JUL 2012 1212N 06858W OB 3																										
030	23931	13	-54.2		9	99	90	30																		
050	20727	13	-63.3		9	99	90	19																		
100	16589	13	-73.4		9	56	70	3																		
150	14196	13	-67.8		9	82	294	10																		
200	12413	13	-54.3		9	72	266	7																		
300	9685	13	-32.1	11.7	9	57	219	3																		
500	5872	13	-5.9	10.9	9	93	97	6																		
700	3161	13	9.4	11.6	9	98	103	12																		
850	1523	13	17.8	4.3	9	99	103	12																		
1006	* 54		27.3	3.5																						

# UPPER AIR

# JULY 2012

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

# 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



# WMO PUB 9 VOL A

10501	C	AACHEN	GERMANY	07139	C	ALENCON	FRANCE
06030	C	AALBORG	DENMARK AND FAROE I	60369	C	ALGER-PORT	ALGERIA
04220	CT	AASIAAT (EGEDESMINDE)	GREENLAND	08359	C	ALICANTE	SPAIN
40831	C	ABADAN	IRAN, ISLAMIC REP	42475	C	ALLAHABAD/BAMHRAULI	INDIA
07005	C	ABBEVILLE	FRANCE	08487	C	ALMERIA/AEROPUERTO	SPAIN
03502	C	ABERPORTH	U KINGDOM	44277	CT	ALTAI	MONGOLIA
41112	C	ABHA	SAUDI ARABIA	26346	C	ALUKSNE	LATVIA
65578	CT	ABIDJAN	COTE D'IVOIRE	64754	C	AM-TIMAN	CHAD
41216	C	ABU DHABI BATEEN AIRPORT	U ARAB EMIRATES	67067	C	AMBOHITSILAOZANA	MADAGASCAR
76805	CT	ACAPULCO, GRO.	MEXICO	23022	CT	AMDERMA	RUSSIAN FEDERATION
17351	C	ADANA/BOLGE	TURKEY	42071	C	AMRITSAR	INDIA
63450	CT	ADDIS ABABA-BOLE	ETHIOPIA	25563	CT	ANADYR'	RUSSIAN FEDERATION
41480	C	ADEN	YEMEN	16665	C	ANCHIALOS (AIRPORT)	GREECE
65585	C	ADIAKE	COTE D'IVOIRE	16682	C	ANDRAVIDA (AIRPORT)	GREECE
60620	C	ADRAR	ALGERIA	91568	C	ANEITYUM	VANUATU
76679	T	AEROP. INTERNACIONAL MEXICO,	MEXICO	10291	C	ANGERMUENDE	GERMANY
17190	C	AFYON	TURKEY	70232	C	ANIAK	USA
61024	C	AGADEZ	NIGER	17130	CT	ANKARA/CENTRAL	TURKEY
37893	C	AGDAM	AZERBAIJAN	60360	C	ANNABA	ALGERIA
62055	C	AGEDABIA	LIBYAN ARAB JAMAHIR	17300	C	ANTALYA	TURKEY
42261	C	AGRA	INDIA	40718	C	ANZALI	IRAN, ISLAMIC REP
42647	CT	AHMADABAD	INDIA	47575	C	AOMORI	JAPAN
37663	C	AHTY	RUSSIAN FEDERATION	72220	CT	APALACHICOLA/MUN.,	USA
40811	T	AHWAZ	IRAN, ISLAMIC REP	91762	C	APIA	SAMOA AND AMERICAN
33998	C	AI-PETRI	UKRAINE	85151	C	APOLO	BOLIVIA
47602	C	AIKAWA	JAPAN	35746	C	ARALSKOE MORE	KAZAKHSTAN
83595	C	AIMORES	BRAZIL	71592	C	ARCTIC BAY CS, NU	CANADA
60415	C	AIN-BESSAM	ALGERIA	84752	C	AREQUIPA	PERU
61499	C	AIOUN EL ATROUSS	MAURITANIA	22550	CT	ARHANGEL'SK	RUSSIAN FEDERATION
07761	CT	AJACCIO	FRANCE	83384	C	ARINOS	BRAZIL
38178	C	AK-BAJTAL	UZBEKISTAN	10091	C	ARKONA	GERMANY
47582	CT	AKITA	JAPAN	62772	C	AROMA	SUDAN
61437	C	AKJOUJT	MAURITANIA	76840	C	ARRIAGA, CHIS.	MEXICO
38232	C	AKKUDUK	KAZAKHSTAN	16654	C	ARTA (HALKIADES)	GREECE
38665	C	AKMOLLA	TURKMENISTAN	44288	CT	ARVAIHEER	MONGOLIA
42933	C	AKOLA	INDIA	60452	C	ARZEW	ALGERIA
72521	C	AKRON/AKRON-CANTON REG. OH.	USA	47407	C	ASAHIKAWA	JAPAN
35229	CT	AKTOBE	KAZAKHSTAN	85175	C	ASCENCION DE GUARAYOS	BOLIVIA
04063	C	AKUREYRI	ICELAND	38880	CT	ASHGABAT	TURKMENISTAN
41218	C	AL AIN INTERNATIONAL AIRPORT	U ARAB EMIRATES	33915	C	ASKANIYA-NOVA	UKRAINE
40420	C	AL-AHSA	SAUDI ARABIA	63021	CT	ASMARA	ERITREA
98435	C	ALABAT	PHILIPPINES	62414	CT	ASSWAN	EGYPT
08280	C	ALBACETE/LOS LLANOS	SPAIN	35188	C	ASTANA	KAZAKHSTAN
03917	C	ALDERGROVE	U KINGDOM	86218	C	ASUNCION/AEROPUERTO	PARAGUAY

# WMO PUB 9 VOL A

65376	C	ATAKPAME	TOGO	29939	C	BIJSK ZONAL'NAYA	RUSSIAN FEDERATION
35078	C	ATBASAR	KAZAKHSTAN	42165	C	BIKANER	INDIA
16701	C	ATHINAI (FILADELFIA)	GREECE	08025	C	BILBAO/SONDICA	SPAIN
64751	C	ATI	CHAD	72515	C	BINGHAMTON/BROOME CO., NY.	USA
72219	C	ATLANTA/MUN., GA.	USA	61075	C	BIRNI-N'KONNI	NIGER
91925	CT	ATUONA	FRENCH POLY.	15085	C	BISTRITA	ROMANIA
35700	CT	ATYRAU	KAZAKHSTAN	13583	C	BITOLA	MACEDONIA
93119	C	AUCKLAND AIRPORT	N ZEALAND	14652	C	BJELASNICA	BOSNIA AND HERZEGOV
10852	C	AUGSBURG	GERMANY	01028	CT	BJORNOYA	NORWAY
38334	C	AUL TURARA RYSKULOVA	KAZAKHSTAN	31510	CT	BLAGOVESCHENSK	RUSSIAN FEDERATION
72254	C	AUSTIN/CTY, TX.	USA	68442	CT	BLOEMFONTEIN AIRPORT	SOUTH AFRICA
07265	C	AUXERRE	FRANCE	74492	C	BLUE HILL OBS. MA.	USA
31168	CT	AYAN	RUSSIAN FEDERATION	61881	C	BO	SIERRA LEONE
87641	C	AZUL AERO	ARGENTINA	82024	C	BOA VISTA	BRAZIL
87163	C	B.DE IRIGOYEN AERO	ARGENTINA	65510	C	BOBO-DIOULASSO	BURKINA FASO
82460	C	BACABAL	BRAZIL	01152	CT	BODO	NORWAY
10430	C	BAD LIPPSPRINGE	GERMANY	64126	C	BOENDE	DEMO. REP THE CONG
47102	T	BAENGNYEONGDO	REP KOREA	31439	C	BOGORODSKOE	RUSSIAN FEDERATION
30554	CT	BAGDARIN	RUSSIAN FEDERATION	65338	C	BOHICON	BENIN
41678	CT	BAHAWALNAGAR	PAKISTAN	10249	C	BOZENBURG	GERMANY
44265	C	BAITAG	MONGOLIA	61816	C	BOKE	GUINEA
23891	C	BAJKIT	RUSSIAN FEDERATION	31174	C	BOL'SHOJ SHANTAR	RUSSIAN FEDERATION
29328	C	BAKCHAR	RUSSIAN FEDERATION	31253	C	BOMNAK	RUSSIAN FEDERATION
30612	C	BALAGANSK	RUSSIAN FEDERATION	10519	C	BONN-ROLEBER	GERMANY
10675	C	BAMBERG	GERMANY	07510	CT	BORDEAUX MERIGNAC	FRANCE
71122	C	BANFF CS, ALTA	CANADA	64605	C	BOSSEMBELE	CENTRAL AFRICAN REP
08181	C	BARCELONA/AEROPUERTO	SPAIN	07255	C	BOURGES	FRANCE
07790	C	BASTIA	FRANCE	08575	C	BRAGANCA	PORTUGAL
37484	C	BATUMI	GEORGIA	07110	CT	BREST	FRANCE
91557	CT	BAUERFIELD (EFATE)	VANUATU	16061	C	BRIC DELLA CROCE	ITALY
44275	C	BAYANBULAG	MONGOLIA	11723	C	BRNO/TURANY	CZECH REP
60571	CT	BECHAR	ALGERIA	10453	C	BROCKEN	GERMANY
54511	CT	BEIJING	CHINA	96315	CT	BRUNEI AIRPORT	BRUNEI DARUSSALAM
60402	C	BEJAIA-AEROPORT	ALGERIA	15420	C	BUCURESTI BANEASA	ROMANIA
43198	C	BELGAUM/SAMBRE	INDIA	12843	CT	BUDAPEST/PESTSZENTLORINC	HUNGARY
40180	C	BEN-GURION INT. AIRPORT	ISRAEL	80252	C	BUENAVENTURA	COLOMBIA
13274	C	BEOGRAD	SERBIA AND MONTENEG	72528	CT	BUFFALO/GREATER BUF. INT.,NY	USA
64600	C	BERBERATI	CENTRAL AFRICAN REP	25594	C	BUHTA PROVIDENJA	RUSSIAN FEDERATION
67037	C	BESALAMPY	MADAGASCAR	64390	C	BUJUMBURA	BURUNDI
40179	CT	BET DAGAN	ISRAEL	64180	C	BUKAVU	DEMO. REP THE CONG
40100	CT	BEYROUTH (AEROPORT)	LEBANON	67964	CT	BULAWAYO (GOETZ OBSY.)	ZIMBABWE
42971	CT	BHUBANESHWAR	INDIA	64076	C	BUNIA	DEMO. REP THE CONG
12295	C	BIALYSTOK	POLAND	08075	C	BURGOS/VILLAFRIA	SPAIN
71844	C	BIG TROUT LAKE READAC, ONT	CANADA	47159	C	BUSAN	REP KOREA

# WMO PUB 9 VOL A

64034	C	BUTA	DEMO. REP THE CONG	85470	C	COIAPPO	CHILE
15350	C	BUZAU	ROMANIA	71915	CT	CORAL HARBOUR A UA, NU	CANADA
38755	C	BYGDAILI	TURKMENISTAN	10496	C	COTTBUS	GERMANY
48914	C	CA MAU	VIET NAM	41992	C	COX'S BAZAR	BANGLADESH
95916	C	CABRAMURRA SMHEA	AUSTRALIA	85864	C	COYHAIQUE	CHILE
08261	C	CACERES	SPAIN	16480	C	COZZO SPADARO	ITALY
07027	C	CAEN	FRANCE	15450	C	CRAIOVA	ROMANIA
16560	T	CAGLIARI ELMAS	ITALY	78962	C	CROWN POINT AIRPORT,	TRINIDAD AND TOBAGO
94287	C	CAIRNS AERO	AUSTRALIA	82704	C	CRUZEIRO DO SUL	BRAZIL
42807	C	CALCUTTA/ALIPORE	INDIA	80097	C	CUCUTA/CAMILO DAZA	COLOMBIA
03808	C	CAMBORNE	U KINGDOM	08231	C	CUENCA	SPAIN
83398	C	CANAVIEIRAS	BRAZIL	83361	C	CUIABA	BRAZIL
48808	C	CAO BANG	VIET NAM	28704	C	CULPANOVO	RUSSIAN FEDERATION
07661	C	CAP CEPET	FRANCE	80420	C	CUMANA	VENEZUELA
66140	C	CARMONA	ANGOLA	94626	C	CUNDERDIN	AUSTRALIA
03967	C	CASEMENT AERODROME	IRELAND	83840	T	CURITIBA (AEROPORTO)	BRAZIL
98548	C	CATBALOGAN	PHILIPPINES	10131	C	CUXHAVEN	GERMANY
94653	C	CEDUNA AMO	AUSTRALIA	84686	C	CUZCO	PERU
89056	C	CENTRO MET. ANTARTICO PDTE.	CHILE	43150	CT	CWC VISHAKHAPATNAM/WALTAIR	INDIA
16148	C	CERVIA	ITALY	48855	CT	DA NANG	VIET NAM
38511	C	CHAGYL	TURKMENISTAN	47133	C	DAEJEON	REP KOREA
23914	C	CHERDYN'	RUSSIAN FEDERATION	98325	C	DAGUPAN	PHILIPPINES
41768	CT	CHHOR	PAKISTAN	62467	C	DAHAB	EGYPT
48327	CT	CHIANG MAI	THAILAND	60096	C	DAKHLA	WESTERN SAHARA
60425	C	CHLEF	ALGERIA	31873	C	DAL'NERECHENSK	RUSSIAN FEDERATION
21946	C	CHOKURDAH	RUSSIAN FEDERATION	40080	CT	DAMASCUS INT. AIRPORT	SYRIAN ARAB REP
16624	C	CHRYSOPOULI (AIRPORT)	GREECE	04320	CT	DANMARKSHAVN	GREENLAND
47101	C	CHUNCHEON	REP KOREA	65351	C	DAPAON	TOGO
96805	C	CILACAP	INDONESIA	38545	C	DARGANATA	TURKMENISTAN
72421	C	CINCINNATI/GREATER CINCINNAT	USA	44256	C	DASHBALBAR	MONGOLIA
96791	C	CIREBON/JATIWANGI	INDONESIA	26544	C	DAUGAVPILS	LATVIA
08348	C	CIUDAD REAL	SPAIN	38527	CT	DAVALY	TURKMENISTAN
72360	C	CLAYTON/MUN., NM.	USA	71966	C	DAWSON, YT	CANADA
07460	C	CLERMONT-FERRAND	FRANCE	72429	C	DAYTON/. COX, OH.	USA
15120	CT	CLUJ-NAPOCA	ROMANIA	06235	C	DE KOOY	NETHERLANDS
71090	C	CLYDE A, NU	CANADA	12882	C	DEBRECEN	HUNGARY
76741	C	COATZACOALCOS, VER.	MEXICO	16546	C	DECIMOMANNU	ITALY
85041	C	COBIJA	BOLIVIA	65505	C	DEDOUGOU	BURKINA FASO
64504	C	COCOBEACH	GABON	40045	C	DEIR EZZOR	SYRIAN ARAB REP
94791	C	COFFS HARBOUR MO	AUSTRALIA	60387	C	DELLYS	ALGERIA
08548	C	COIMBRA/CERNACHE	PORTUGAL	38829	C	DENAU	UZBEKISTAN
43466	C	COLOMBO	SRI LANKA	37470	C	DERBENT	RUSSIAN FEDERATION
76848	C	COMITAN, CHIS.	MEXICO	72546	C	DES MOINES/MUN., IA.	USA
61832	C	CONAKRY/GBESSIA	GUINEA	72537	C	DETROIT/METROPOLITAN, MI.	USA

# WMO PUB 9 VOL A

40416	C	DHAHRAN	SAUDI ARABIA	40199	C	EILAT	ISRAEL
42404	C	DHUBRI	INDIA	82610	C	EIRUNEPE	BRAZIL
83309	C	DIAMANTINO	BRAZIL	28440	C	EKATERINBURG	RUSSIAN FEDERATION
42314	C	DIBRUGARH /MOHANBARI	INDIA	38388	C	EKEZHE	TURKMENISTAN
10321	C	DIEPHOLZ	GERMANY	31329	C	EKIMCHAN	RUSSIAN FEDERATION
61085	C	DIFFA	NIGER	62337	CT	EL ARISH	EGYPT
07280	C	DIJON	FRANCE	60550	C	EL-BAYADH	ALGERIA
65562	C	DIMBOKRO	COTE D'IVOIRE	27648	C	ELAT'MA	RUSSIAN FEDERATION
89054	C	DINAMET-URUGUAY	URUGUAY	12160	C	ELBLAG	POLAND
61666	C	DIOURBEL	SENEGAL	63686	C	ELDORET	KENYA
98741	C	DIPOLOG	PHILIPPINES	16718	C	ELEFSIS (AIRPORT)	GREECE
41508	C	DIR	PAKISTAN	62453	C	ELHASANA	EGYPT
40672	C	DIWANIYA	IRAQ	72486	C	ELY/YELLAND, NV.	USA
17280	CT	DIYARBAKIR	TURKEY	07591	C	EMBRUN	FRANCE
38684	C	DJACHEV	TURKMENISTAN	10200	CT	EMDEN-FLUGPLATZ	GERMANY
60535	C	DJELFA	ALGERIA	29572	T	EMEL'JANOVO	RUSSIAN FEDERATION
63125	C	DJIBOUTI	DJIBOUTI	76256	C	EMPALME, SON.	MEXICO
34504	C	DNIPROPETROVS'K	UKRAINE	62781	C	EN NAHUD	SUDAN
16033	C	DOBBIACO	ITALY	25356	C	EN' MUVEEM	RUSSIAN FEDERATION
63862	C	DODOMA	U REP TANZANIA	83964	C	ENCRUZILHADA DO SUL	BRAZIL
41170	CT	DOHA INTERNATIONAL AIRPORT	QATAR	29263	C	ENISEJSK	RUSSIAN FEDERATION
64401	C	DOLISIE	CONGO	16450	C	ENNA	ITALY
34519	C	DONETS'K	UKRAINE	63705	CT	ENTEBBE AIRPORT	UGANDA
65501	C	DORI	BURKINA FASO	65257	C	ENUGU	NIGERIA
64910	CT	DOUALA OBS.	CAMEROON	72550	C	EPPLEY FIELD, OMAHA,	USA
10488	C	DRESDEN-KLOTZSCHE	GERMANY	24817	C	ERBOGACEN	RUSSIAN FEDERATION
41515	CT	DROSH	PAKISTAN	44237	C	ERDENEMANDAL	MONGOLIA
41194	C	DUBAI INTERNATIONAL AIRPORT	U ARAB EMIRATES	53068	C	ERENHOT	CHINA
23074	C	DUDINKA	RUSSIAN FEDERATION	10554	C	ERFURT-BINDERSLEBEN	GERMANY
10400	C	DUESSELDORF	GERMANY	34186	C	ERSHOV	RUSSIAN FEDERATION
72745	C	DULUTH/INT., MN.	USA	17092	C	ERZINCAN	TURKEY
42599	C	DUMKA	INDIA	38750	C	ESENGYLY	TURKMENISTAN
68588	CT	DURBAN INTNL. AIRPORT	SOUTH AFRICA	40800	C	ESFAHAN	IRAN, ISLAMIC REP
38836	C	DUSHANBE	TAJIKISTAN	35067	C	ESIL'	KAZAKHSTAN
42731	C	DWARKA	INDIA	03162	C	ESKDALEMUIR	U KINGDOM
03091	C	DYCE	U KINGDOM	94638	CT	ESPERANCE	AUSTRALIA
21908	C	DZALINDA	RUSSIAN FEDERATION	87803	C	ESQUEL AERO	ARGENTINA
30089	C	DZHIKIMDA	RUSSIAN FEDERATION	10410	CT	ESSEN-BREDENEY	GERMANY
68858	C	EAST LONDON	SOUTH AFRICA	71862	C	ESTEVAN A, SASK	CANADA
94983	C	EDDYSTONE POINT	AUSTRALIA	94647	CT	EUCLA	AUSTRALIA
17050	C	EDIRNE	TURKEY	71917	C	EUREKA, NU	CANADA
71590	C	EDMUNDSTON, NB	CANADA	72432	C	EVANSVILLE/REG., IN.	USA
06280	C	EELDE/GRONINGEN AP EELDE	NETHERLANDS	37747	C	EVLAKH AIRPORT	AZERBAIJAN
25378	C	EGVEKINOT	RUSSIAN FEDERATION	08558	C	EVORA/C. COORD	PORTUGAL

# WMO PUB 9 VOL A

87576	CT	EZEIZA AERO	ARGENTINA	60517	C	GHAZAOUET	ALGERIA
65507	C	FADA N'GOURMA	BURKINA FASO	40296	C	GHOR SAFI	JORDAN
70261	C	FAIRBANKS/INT., AK	USA	08495	CT	GIBRALTAR	GIBRALTAR
62423	CT	FARAFRA	EGYPT	10532	C	GIESSEN	GERMANY
67012	C	FASCENE (NOSSI-BE)	MADAGASCAR	34740	C	GIGANT	RUSSIAN FEDERATION
64753	C	FAYA	CHAD	94461	CT	GILES METEOROLOGICAL OFFICE	AUSTRALIA
10908	C	FELDBERG/SCHWARZWALD	GERMANY	17034	C	GIRESUN	TURKEY
41943	C	FENI	BANGLADESH	64381	C	GISENYI	RWANDA
38618	C	FERGANA	UZBEKISTAN	41140	C	GIZAN	SAUDI ARABIA
11155	C	FEUERKOGEL	AUSTRIA	71363	C	GJOA HAVEN CLIMATE, NU	CANADA
67137	C	FIANARANTSOA	MADAGASCAR	72768	C	GLASGOW/INT., MT.	USA
10578	C	FICHTELBERG	GERMANY	83264	C	GLEBA CELESTE	BRAZIL
72637	C	FLINT/BISHOP, MI.	USA	20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION
08501	C	FLORES (ACORES)	PORTUGAL	43192	CT	GOA/PANJIM	INDIA
01238	C	FOKSTUA II	NORWAY	87880	C	GOBERNADOR GREGORES AERO	ARGENTINA
82212	C	FONTE BOA	BRAZIL	10444	C	GOETTINGEN	GERMANY
71585	C	FORT MCMURRAY CS, ALTA	CANADA	83374	C	GOIAS	BRAZIL
89065	C	FOSSIL BLUFF	U KINGDOM	33041	CT	GOMEL	BELARUS
83827	CT	FOZ DO IGUACU (AEROPORTO)	BRAZIL	63331	C	GONDAR	ETHIOPIA
10637	C	FRANKFURT/M-FLUGHAFEN	GERMANY	71816	CT	GOOSE A, NFLD	CANADA
10803	C	FREIBURG	GERMANY	71733	CT	GORE BAY A, ONT	CANADA
16179	C	FRONTONE	ITALY	47185	T	GOSAN	REP KOREA
83574	C	FRUTAL	BRAZIL	02527	T	GOTEBORG/LANDVETTER	SWEDEN
10895	C	FUERSTENZELL	GERMANY	07535	C	GOURDON	FRANCE
47807	CT	FUKUOKA	JAPAN	94150	CT	GOVE AIRPORT	AUSTRALIA
08522	CT	FUNCHAL	MADEIRA	37749	C	GOYCHAY	AZERBAIJAN
60765	C	GABES	TUNISIA	06717	C	GRAND ST. BERNARD	SWITZERLAND & LIECH
60745	C	GAFSA	TUNISIA	71570	C	GREAT FALLS CLIMATE, MAN	CANADA
65557	C	GAGNOA	COTE D'IVOIRE	26825	C	GRODNO	BELARUS
15310	C	GALATI	ROMANIA	88903	C	GRYTVIKEN,	ISLANDS
64454	C	GAMBOMA	CONGO	76612	CT	GUADALAJARA, JAL.	MEXICO
43599	CT	GAN	MALDIVES	37675	C	GUBA	AZERBAIJAN
61226	C	GAO	MALI	60403	C	GUELMA	ALGERIA
10359	C	GARDELEGEN	GERMANY	80423	C	GUIRIA	VENEZUELA
40405	C	GASSIM	SAUDI ARABIA	63630	C	GULU	UGANDA
41757	C	GAWADAR	PAKISTAN	37686	C	GUMRI	ARMENIA
61099	C	GAYA	NIGER	02128	C	GUNNARN	SWEDEN
26157	C	GDOV	RUSSIAN FEDERATION	40360	C	GURIAT	SAUDI ARABIA
62752	C	GEDAREF	SUDAN	70367	C	GUSTAVUS	USA
10628	C	GEISENHEIM	GERMANY	42410	CT	GUWAHATI	INDIA
64006	C	GEMENA	DEMO. REP THE CONG	47158	T	GWANGJU AB	REP KOREA
06700	C	GENEVE-COINTRIN	SWITZERLAND & LIECH	68034	C	GWETA	BOTSWANA
68828	C	GEORGE AIRPORT	SOUTH AFRICA	38763	C	GZYLYARBAT	TURKMENISTAN
10567	C	GERA-LEUMNITZ	GERMANY	40250	C	H-4 'IRWAISHED'	JORDAN

# WMO PUB 9 VOL A

48820	CT	HA NOI	VIET NAM	82067	C	IAUARETE	BRAZIL
31735	C	HABAROVSK	RUSSIAN FEDERATION	80214	C	IBAGUE/PERALES	COLOMBIA
47678	CT	HACHIJOJIMA	JAPAN	08373	C	IBIZA/ES CODOLA	SPAIN
40634	C	HADITHA	IRAQ	32411	C	ICA	RUSSIAN FEDERATION
47069	C	HAEJU	DPR KOREA	16756	C	IERAPETRA	GREECE
40377	C	HAFR AL-BATIN	SAUDI ARABIA	23274	C	IGARKA	RUSSIAN FEDERATION
40394	CT	HAIL	SAUDI ARABIA	87097	C	IGUAZU AERO	ARGENTINA
17285	C	HAKKARI	TURKEY	83348	C	ILHEUS	BRAZIL
71081	C	HALL BEACH A, NU	CANADA	25248	C	ILIRNEJ	RUSSIAN FEDERATION
40030	C	HAMA	SYRIAN ARAB REP	60640	C	ILLIZI	ALGERIA
10338	C	HANNOVER	GERMANY	65101	C	ILORIN	NIGERIA
02196	C	HAPARANDA	SWEDEN	31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION
67774	T	HARARE (BELVEDERE)	ZIMBABWE	20667	C	IM. M.V. POPOVA	RUSSIAN FEDERATION
60563	C	HASSIR'MEL	ALGERIA	64459	C	IMPFONDO	CONGO
20891	CT	HATANGA	RUSSIAN FEDERATION	60690	C	IN-GUEZZAM	ALGERIA
71361	C	HAY RIVER CLIMATE, NWT	CANADA	42754	C	INDORE	INDIA
02974	C	HELSINKI-VANTAA	FINLAND	98434	C	INFANTA	PHILIPPINES
33910	C	HENICHES'K	UKRAINE	67323	C	INHAMBANE	MOZAMBIQUE
16754	CT	HERAKLION (AIRPORT)	GREECE	11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA
60001	C	HIERRO/AEROPUERTO	SPAIN MIC	64115	C	INONGO	DEMO. REP THE CONG
71066	C	HIGH LEVEL A, ALTA	CANADA	72747	CT	INT.FALLS/FALLS INT. MN.	USA
91753	C	HIHIFO (ILE WALLIS)	DETACHED ISLANDS	71907	CT	INUKJUAQ A UA, QUE	CANADA
30844	C	HILOK	RUSSIAN FEDERATION	93844	CT	INVERCARGILL AERODROME	N ZEALAND
98755	C	HINATUAN	PHILIPPINES	16642	C	IOANNINA (AIRPORT)	GREECE
94975	CT	HOBART AIRPORT	AUSTRALIA	80370	C	IPIALES/SAN LUIS	COLOMBIA
10685	C	HOF	GERMANY	71321	C	IQUALUIT CLIMATE, NU	CANADA
10962	C	HOHENPEISSENBERG	GERMANY	84377	C	IQUITOS	PERU
93615	C	HOKITIKA AERODROME AWS	N ZEALAND	83836	C	IRATI	BRAZIL
02288	C	HOLMOGADD	SWEDEN	83182	C	IRECE	BRAZIL
61240	C	HOMBORI	MALI	30710	C	IRKUTSK	RUSSIAN FEDERATION
62131	C	HON	LIBYAN ARAB JAMAHIR	29807	C	IRTYSHSK	KAZAKHSTAN
23219	C	HOSEDA-HARD	RUSSIAN FEDERATION	71074	C	ISACHSEN (AUT), NU	CANADA
51828	C	HOTAN	CHINA	28573	C	ISHIM	RUSSIAN FEDERATION
72243	C	HOUSTON/INTERCONTINENTAL, TX	USA	64062	C	ISIRO	DEMO. REP THE CONG
44218	C	HOVD	MONGOLIA	41571	CT	ISLAMABAD AIRPORT	PAKISTAN
66318	C	HUAMBO (NOVA LISBOA)	ANGOLA	17240	CT	ISPARTA	TURKEY
08383	C	HUELVA	SPAIN	17062	CT	ISTANBUL/GOZTEPE	TURKEY
44285	C	HUJIRT	MONGOLIA	82336	C	ITACOATIARA	BRAZIL
72425	C	HUNTINGTON, WV.	USA	98132	C	ITBAYAT	PHILIPPINES
03862	C	HURN	U KINGDOM	83295	C	ITIRUCU (JAGUAQUARA)	BRAZIL
44232	C	HUTAG	MONGOLIA	04339	CT	ITTOQQORTOORMIIT (SCORESBYSU	GREENLAND
43128	CT	HYDERABAD AIRPORT	INDIA	10142	C	ITZEHOE	GERMANY
47016	C	HYESAN	DPR KOREA	33526	C	IVANO-FRANKIVS'K	UKRAINE
15090	C	IASI	ROMANIA	23921	CT	IVDEL'	RUSSIAN FEDERATION

# WMO PUB 9 VOL A

83704	C	IVINHEMA	BRAZIL	47827	CT	KAGOSHIMA	JAPAN
60010	C	IZANA	SPAIN	10427	C	KAHLER ASTEN	GERMANY
34415	C	IZIUM	UKRAINE	60735	C	KAIROUAN	TUNISIA
17220	CT	IZMIR/GUZELYALI	TURKEY	02897	C	KAJAANI	FINLAND
84088	C	IZOBAMBA	ECUADOR	41535	C	KAKUL	PAKISTAN
47800	CT	IZUHARA	JAPAN	16726	C	KALAMATA (AIRPORT)	GREECE
72235	C	JACKSON/ALLEN C. THOMPSON FI	USA	25744	C	KAMENSKOE	RUSSIAN FEDERATION
08417	C	JAEN	SPAIN	22217	CT	KANDALAKSHA	RUSSIAN FEDERATION
43041	C	JAGDALPUR	INDIA	61679	C	KAOLACK	SENEGAL
24959	CT	JAKUTSK	RUSSIAN FEDERATION	71299	C	KAPUSKASING CDA ON, ONT	CANADA
76687	C	JALAPA, VER.	MEXICO	41780	CT	KARACHI AIRPORT	PAKISTAN
01001	CT	JAN MAYEN	NORWAY	51709	C	KASHI	CHINA
38141	C	JASLYK	UZBEKISTAN	44454	C	KATHMANDU AIRPORT	NEPAL
97690	C	JAYAPURA/SENTANI	INDONESIA	26629	C	KAUNAS	LITHUANIA
41024	CT	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA	92076	C	KAVIENG W.O.	PAPUA N GUINEA
47184	C	JEJU	REP KOREA	67403	C	KAWAMBWA	ZAMBIA
60725	C	JENDOUBA	TUNISIA	61257	C	KAYES	MALI
08451	C	JEREZ DE LA FRONTERA AEROPUE	SPAIN	27595	CT	KAZAN'	RUSSIAN FEDERATION
41936	C	JESSORE	BANGLADESH	61699	C	KEDOUGOU	SENEGAL
41598	CT	JHELUM	PAKISTAN	68312	C	KEETMANSHOOP	NAMIBIA
60351	C	JIJEL-ACHOUAT	ALGERIA	16685	C	KEFALHANIA (AIRPORT)	GREECE
63402	C	JIMMA	ETHIOPIA	10946	C	KEMPTEN	GERMANY
52533	C	JIUQUAN	CHINA	97146	C	KENDARI/WOLTER MONGINSIDI	INDONESIA
41756	CT	JIWANI	PAKISTAN	16641	C	KERKYRA (AIRPORT)	GREECE
82798	C	JOAO PESSOA	BRAZIL	02805	C	KEVO	FINLAND
42339	CT	JODHPUR	INDIA	72201	CT	KEY WEST/INT., FL	USA
02929	C	JOENSUU	FINLAND	37673	C	KHACHMAZ AERODROME	AZERBAIJAN
68368	C	JOHANNESBURG INTNL. AIRPORT	SOUTH AFRICA	33902	C	KHERSON	UKRAINE
02963	CT	JOKIOINEN	FINLAND	33429	C	KHMEL'NYTS'KYI	UKRAINE
02550	C	JONKOPING/AXAMO	SWEDEN	38599	C	KHUDJANT	TAJKISTAN
65134	C	JOS	NIGERIA	61214	C	KIDAL	MALI
78762	CT	JUAN SANTAMARIA INT. AIRPORT	COSTA RICA	10046	C	KIEL-HOLTENAU	GERMANY
62941	C	JUBA	SUDAN	61498	C	KIFFA	MAURITANIA
83692	C	JUIZ DE FORA	BRAZIL	64387	C	KIGALI	RWANDA
87046	C	JUJUY AERO	ARGENTINA	64222	C	KIKWIT	DEMO. REP THE CONG
78866	CT	JULIANA AIRPORT,	NETHERLANDS ANTILLE	02801	C	KILPISJARVI	FINLAND
87548	C	JUNIN AERO	ARGENTINA	47025	C	KIMCHAEK	DPR KOREA
32150	CT	JUZHNO-SAHALINSK	RUSSIAN FEDERATION	40437	CT	KING KHALED INT. AIRPORT	SAUDI ARABIA
02935	CT	JYVASKYLA	FINLAND	27199	C	KIROV	RUSSIAN FEDERATION
40417	CT	K.F.I.A. (KING FAHAD INT. AI	SAUDI ARABIA	64040	C	KISANGANI	DEMO. REP THE CONG
43588	C	KAADEDHDHOO	MALDIVES	61270	C	KITA	MALI
40948	CT	KABUL AIRPORT	AFGHANISTAN,ISLAMIC	92001	C	KIUNGA W.O.	PAPUA N GUINEA
62810	C	KADOGLLI	SUDAN	30925	C	KJAHTA	RUSSIAN FEDERATION
61492	C	KAEDI	MAURITANIA	21921	C	KJUSJUR	RUSSIAN FEDERATION

# WMO PUB 9 VOL A

11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	60545	C	LAGHOUAT	ALGERIA
33939	C	KLEPYNINE	UKRAINE	10805	C	LAHR	GERMANY
32389	CT	KLJUCHI	RUSSIAN FEDERATION	08509	C	LAJES (ACORES)	PORTUGAL
72326	C	KNOXVILLE/MUN., TN.	USA	72240	C	LAKE CHARLES/MUN.,	USA
11487	C	KOCELOVICE	CZECH REP	16675	C	LAMIA	GREECE
06181	T	KOEBENHAVN/JAEGERSBORG	DENMARK AND FAROE I	07118	C	LANNION	FRANCE
41564	C	KOHAT	PAKISTAN	98223	C	LAOAG	PHILIPPINES
28879	C	KOKSHETAY	KAZAKHSTAN	16648	C	LARISSA (AIRPORT)	GREECE
29231	CT	KOLPASEVO	RUSSIAN FEDERATION	60030	C	LAS PALMAS DE GRAN CANARIA/G	SPAIN
33723	C	KOMISARIVKA	UKRAINE	40022	C	LATTAKIA	SYRIAN ARAB REP
10929	C	KONSTANZ	GERMANY	94968	C	LAUNCESTON AIRPORT COMPARISO	AUSTRALIA
25503	C	KORKODON	RUSSIAN FEDERATION	83687	C	LAVRAS	BRAZIL
16742	C	KOS (AIRPORT)	GREECE	13577	C	LAZARPOLE	MACEDONIA
42452	C	KOTA AERODROME	INDIA	07471	C	LE PUY	FRANCE
61293	C	KOUTIALA	MALI	94302	CT	LEARMONTH AIRPORT	AUSTRALIA
45004	CT	KOWLOON	HONG KONG, CHINA	12120	CT	LEBA	POLAND
16632	C	KOZANI (AIRPORT)	GREECE	03257	C	LEEMING	U KINGDOM
12566	C	KRAKOW	POLAND	12374	T	LEGIONOWO	POLAND
14008	C	KREDARICA	SLOVENIA	10449	C	LEINEFELDE	GERMANY
64971	C	KRIBI	CAMEROON	38998	C	LEKKER	TURKMENISTAN
33791	C	KRYVYI RIH	UKRAINE	36208	C	LENNINGORSK	KAZAKHSTAN
60514	C	KSAR CHELLALA	ALGERIA	08055	C	LEON/VIRGEN DEL CAMINO	SPAIN
48647	C	KUALA LUMPUR/SUBANG	MALAYSIA	03005	CT	LERWICK	U KINGDOM
96413	CT	KUCHING	MALAYSIA	78447	C	LES CAYES	HAITI
62271	C	KUFRA	LIBYAN ARAB JAMAHR	80398	CT	LETICIA/VASQUEZ COBO	COLOMBIA
71938	C	KUGLUKTUK A, NU	CANADA	28064	C	LEUSI	RUSSIAN FEDERATION
38343	C	KULAN	KAZAKHSTAN	72422	C	LEXINGTON/BLUE GRASS, KY.	USA
65442	C	KUMASI	GHANA	55591	CT	LHASA	CHINA
56778	CT	KUNMING	CHINA	11603	C	LIBEREC	CZECH REP
97372	C	KUPANG/ELTARI	INDONESIA	10591	C	LICHTENHAIN-MITTELNDORF	GERMANY
15730	C	KURDJALI	BULGARIA	26406	C	LIEPAJA	LATVIA
47418	C	KUSHIRO	JAPAN	91165	CT	LIHUE, KAUAI, HAWAII	USA
17155	C	KUTAHYA	TURKEY	07015	C	LILLE	FRANCE
02869	C	KUUSAMO	FINLAND	07434	C	LIMOGES	FRANCE
40582	CT	KUWAIT INTERNATIONAL AIRPORT	KUWAIT	72551	C	LINCOLN/MUN., NE.	USA
02120	C	KVIKKJOKK-ARRENJARKA	SWEDEN	08579	T	LISBOA/GAGO COUTINHO	PORTUGAL
91366	C	KWAJALEIN/BUCHOLZ AAF, MARSH	USA	72340	C	LITTLE ROCK/ADAMS FLD,	USA
30949	C	KYRA	RUSSIAN FEDERATION	33761	C	LIUBASHIVKA	UKRAINE
16743	C	KYTHIRA	GREECE	67743	C	LIVINGSTONE	ZAMBIA
36096	C	KYZYL	RUSSIAN FEDERATION	14015	C	LJUBLJANA/BEZIGRAD	SLOVENIA
35576	C	KZYLZAR	KAZAKHSTAN	64146	C	LODJA	DEMO. REP THE CONG
33393	CT	L'VIV	UKRAINE	08084	C	LOGRONO/AGONCILLO	SPAIN
08001	CT	LA CORUNA	SPAIN	84270	C	LOJA/LA ARGELIA	ECUADOR
61809	C	LABE	GUINEA	15511	C	LOM	BULGARIA



# WMO PUB 9 VOL A

72247	CT	LONGVIEW, TX.	USA	89564	CT	MAWSON	AUSTRALIA
94995	CT	LORD HOWE ISLAND AERO	AUSTRALIA	64503	C	MAYUMBA	GABON
72295	C	LOS ANGELES /INT.,	USA	40911	C	MAZAR-I-SHARIF	AFGHANISTAN,ISLAMIC
72423	C	LOUISVILLE/STANDIFORD, KY.	USA	64005	C	MBANDAKA	DEMO. REP THE CONG
95964	C	LOW HEAD	AUSTRALIA	64247	C	MBUJI-MAYI	DEMO. REP THE CONG
48930	C	LUANG-PRABANG	LAO PDR	70231	C	MCGRATH, AK	USA
33377	C	LUBNY	UKRAINE	71897	C	MCINNES ISLAND, BC	CANADA
42369	T	LUCKNOW/AMAUSI	INDIA	89664	CT	MCMURDO	USA
42099	C	LUDHIANA	INDIA	60549	C	MECHERIA	ALGERIA
10418	C	LUEDENSCHIED	GERMANY	60437	C	MEDEA	ALGERIA
06770	C	LUGANO	SWITZERLAND & LIECH	94430	CT	MEEKATHARRA AIRPORT	AUSTRALIA
34523	C	LUHANS'K	UKRAINE	10548	CT	MEININGEN	GERMANY
98747	C	LUMBIA AIRPORT	PHILIPPINES	64545	C	MEKAMBO	GABON
61856	C	LUNGI	SIERRA LEONE	60338	C	MELILLA	SPAIN
64209	C	LUOZI	DEMO. REP THE CONG	97014	CT	MENADO/ SAM RATULANGI	INDONESIA
16597	C	LUQA	MALTA	17340	C	MERSIN	TURKEY
67665	C	LUSAKA INTERNATIONAL AIRPORT	ZAMBIA	16420	C	MESSINA	ITALY
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	16734	C	METHONI	GREECE
03740	C	LYNEHAM	U KINGDOM	76680	C	MEXICO (CENTRAL),	MEXICO
07481	C	LYON-SATOLAS	FRANCE	22471	C	MEZEN'	RUSSIAN FEDERATION
64452	C	M'POUYA	CONGO	67599	C	MFUWE	ZAMBIA
60467	C	M'SILA	ALGERIA	41592	C	MIANWALI	PAKISTAN
40310	C	MA'AN	JORDAN	10648	C	MICHELSTADT-VIELBRUNN	GERMANY
44294	C	MAANTI	MONGOLIA	60195	C	MIDELT	MOROCCO
43185	C	MACHILIPATNAM/FRANCHPET	INDIA	33846	C	MIKOLAIV	UKRAINE
72641	C	MADISON/DANE COUNTY REGIONAL	USA	84202	C	MILAGRO	ECUADOR
47624	C	MAEBASHI	JAPAN	26850	C	MINSK	BELARUS
40265	CT	MAFRAQ	JORDAN	89592	CT	MIRNYJ	RUSSIAN FEDER. ANTA
10361	C	MAGDEBURG	GERMANY	12772	C	MISKOLC	HUNGARY
37472	C	MAHACHKALA	RUSSIAN FEDERATION	64552	C	MITZIC	GABON
47750	C	MAIZURU	JAPAN	47585	C	MIYAKO	JAPAN
91376	C	MAJURO/MARSHALL IS. INTNL.	USA	68242	CT	MMABATHO	SOUTH AFRICA
28666	C	MAKUSINO	RUSSIAN FEDERATION	64565	C	MOANDA	GABON
48665	C	MALACCA	MALAYSIA ERATION	64665	C	MOBAYE	CENTRAL AFRICAN REP
61820	C	MAMOU	GUINEA	66422	C	MOCAMEDES	ANGOLA
03797	C	MANSTON	U KINGDOM	26863	C	MOGILEV	BELARUS
64701	C	MAO	CHAD	47165	C	MOKPO	REP KOREA
67341	C	MAPUTO/MAVALANE	MOZAMBIQUE	78401	C	MOLE SAINT-NICOLAS	HAITI
87774	C	MAQUINCHAO	ARGENTINA	92044	CT	MOMOTE W.O.	PAPUA N GUINEA
80407	C	MARACAIBO-LA CHINITA	VENEZUELA	64758	C	MONGO	CHAD
37860	C	MASHTAGA	AZERBAIJAN	71309	C	MOOSONEE RCS, ONT	CANADA
44314	C	MATAD	MONGOLIA	61265	C	MOPTI	MALI
68032	C	MAUN	BOTSWANA	95527	CT	MOREE AERO	AUSTRALIA
66447	C	MAVINGA	ANGOLA	14648	C	MOSTAR	BOSNIA AND HERZEGOV

# WMO PUB 9 VOL A

64550	C	MOUILA	GABON	31152	C	NEL' KAN	RUSSIAN FEDERATION
63619	C	MOYALE	KENYA	61497	C	NEMA	MAURITANIA
33036	C	MOZYR	BELARUS	29752	C	NENASTNAYA	RUSSIAN FEDERATION
67477	C	MPIKA	ZAMBIA	30879	C	NERCHINSKIJ ZAVOD	RUSSIAN FEDERATION
63971	C	MTWARA	U REP TANZANIA	10280	C	NEUBRANDENBURG	GERMANY
10875	C	MUEHL DORF	GERMANY	42182	CT	NEW DELHI/SAFDARJUNG	INDIA
17292	C	MUGLA	TURKEY	64870	C	NGAOUNDERE	CAMEROON
42147	C	MUKTESHWAR KUMAON	INDIA	48877	C	NHA TRANG	VIET NAM
41675	CT	MULTAN	PAKISTAN	95829	C	NHILL	AUSTRALIA
98329	C	MUNOZ	PHILIPPINES	61052	CT	NIAMEY-AERO	NIGER
08430	CT	MURCIA	SPAIN	07690	C	NICE	FRANCE
72636	C	MUSKEGON/COUNTY, MI.	USA	17250	C	NIGDE	TURKEY
41006	C	MUWAIH	SAUDI ARABIA	02942	C	NIINISALO	FINLAND
63756	C	MWANZA	U REP TANZANIA	31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION
67441	C	MWINILUNGA	ZAMBIA	07645	T	NIMES-COURBESSAC	FRANCE
48008	C	MYITKYINA	MYANMAR	98429	C	NINOY AQUINO INTERNATIONAL A	PHILIPPINES
33466	C	MYRONIVKA	UKRAINE	61230	C	NIORO DU SAHEL	MALI
20476	C	MYS STERLEGOVA	RUSSIAN FEDERATION	13388	C	NIS	SERBIA AND MONTENEG
16667	C	MYTILINI (AIRPORT)	GREECE	27459	CT	NIZHNIJ NOVGOROD	RUSSIAN FEDERATION
64654	C	N'DELE	CENTRAL AFRICAN REP	23724	C	NJAKSIMVOL'	RUSSIAN FEDERATION
61049	C	N'GUIGMI	NIGER	41710	CT	NOKKUNDI	PAKISTAN
61849	C	N'ZEREKORE	GUINEA	70200	CT	NOME, AK	USA
60557	C	NAAMA	ALGERIA	10113	C	NORDERNEY	GERMANY
23445	C	NADYM	RUSSIAN FEDERATION	61415	CT	NOUADHIBOU	MAURITANIA
47636	C	NAGOYA	JAPAN	89512	CT	NOVOLAZAREVSKAJA	RUSSIAN FEDER. ANTA
47936	CT	NAHA	JAPAN	94750	C	NOWRA RAN AIR STATION AWS	AUSTRALIA
63740	C	NAIROBI/KENYATTA AIRPORT	KENYA	10506	C	NUERBURG-BARWEILER	GERMANY
41128	C	NAJRAN	SAUDI ARABIA	94681	C	NURIOOTPA VITICULTURAL	AUSTRALIA
24713	C	NAKANNO	RUSSIAN FEDERATION	04250	C	NUUK (GODTHAAB)	GREENLAND
62002	C	NALUT	LIBYAN ARAB JAMAHIR	43473	C	NUWARA ELIYA	SRI LANKA
38611	CT	NAMANGAN	UZBEKISTAN	91212	C	NWSO AGANA, GUAM, MARIANA IS	USA KA
07180	CT	NANCY-ESSEY	FRANCE	62790	C	NYALA	SUDAN
04270	T	NARSARSUAQ	GREENLAND	62200	C	OBARI	LIBYAN ARAB JAMAHIR
40676	C	NASIRIYA	IRAQ	10948	C	OBERSTDORF	GERMANY
65319	C	NATITINGOU	BENIN	64659	C	OBO	CENTRAL AFRICAN REP
91683	C	NAUSORI	FIJI	33837	CT	ODESA	UKRAINE
08215	C	NAVACERRADA	SPAIN	65528	C	ODIENNE	COTE D'IVOIRE
41749	CT	NAWABSHAH	PAKISTAN	10742	C	OEHRINGEN	GERMANY
16732	C	NAXOS	GREECE	31088	CT	OHOTSK	RUSSIAN FEDERATION
47909	CT	NAZE	JAPAN	47815	C	OITA	JAPAN
64700	CT	NDJAMENA	CHAD	24688	C	OJMJAKON	RUSSIAN FEDERATION
67561	C	NDOLA	ZAMBIA	72353	C	OKLAHOMA CITY/W. ROGERS WORL	USA
38634	C	NEBITDAG	TURKMENISTAN	34163	C	OKTJABR'SKIJ GORODOK	RUSSIAN FEDERATION
80315	C	NEIVA/BENITO SALAS	COLOMBIA	10215	C	OLDENBURG	GERMANY

# WMO PUB 9 VOL A

24125	CT	OLENEK	RUSSIAN FEDERATION	12942	C	PECS/POGANY	HUNGARY
72792	C	OLYMPIA, WA.	USA	82863	C	PEDRO AFONSO	BRAZIL
47655	C	OMAEZAKI	JAPAN	87544	C	PEHUAJO AERO	ARGENTINA
44215	C	OMNO-GOBI	MONGOLIA	91554	C	PEKOA AIRPORT (SANTO)	VANUATU
25428	C	OMOLON	RUSSIAN FEDERATION	67215	C	PEMBA	MOZAMBIQUE
28698	CT	OMSK	RUSSIAN FEDERATION	27962	T	PENZA	RUSSIAN FEDERATION
01212	C	ONA II	NORWAY	72532	C	PEORIA/GREATER PEORIA MUN.,	USA
22641	C	ONEGA	RUSSIAN FEDERATION	07747	C	PERPIGNAN	FRANCE
91699	C	ONO-I-LAU AWS	FIJI	41530	CT	PESHAWAR	PAKISTAN
94476	C	OODNADATTA AIRPORT	AUSTRALIA	28679	C	PETROPAVLOVSK	KAZAKHSTAN
10468	T	OPPIN	GERMANY	48887	C	PHAN THIET	VIET NAM
60461	C	ORAN-PORT	ALGERIA	48378	C	PHITSANULOK	THAILAND
94917	C	ORBOST (COMPARISON)	AUSTRALIA	48991	C	PHNOM-PENH/POCHENTONG	CAMBODIA
08048	C	ORENSE	SPAIN	72278	C	PHOENIX/SKY HARBOR,	USA
76737	C	ORIZABA, VER.	MEXICO	48826	C	PHU LIEN	VIET NAM
01241	CT	ORLAND III	NORWAY	16052	C	PIAN ROSA	ITALY
40712	C	ORUMIEH	IRAN, ISLAMIC REP	84140	C	PICHILINGUE	ECUADOR
47122	T	OSAN AB	REP KOREA	11826	C	PIESTANY	SLOVAKIA
10480	C	OSCHATZ	GERMANY	87679	C	PIGUE AERO	ARGENTINA
47675	C	OSHIMA	JAPAN	86255	C	PILAR	PARAGUAY
01384	C	OSLO/GARDERMOEN	NORWAY	33019	C	PINSK	BELARUS
85782	C	OSORNO	CHILE	83483	C	PIRAPORA	BRAZIL
02226	C	OSTERSUND FROSON	SWEDEN	16158	C	PISA/S. GIUSTO	ITALY
65502	C	Ouahigouya	BURKINA FASO	72520	CT	PITTSBURGH/GREATER PITTSBURG	USA
07100	C	Ouessant	FRANCE	84401	C	PIURA	PERU
60115	C	Oujda	MOROCCO	61990	C	PLAISANCE (MAURITIUS)	MAURITIUS
02875	C	Oulu	FINLAND	07117	C	PLOUMANAC'H PERROS GUIREC	FRANCE
60421	C	OUM EL BOUAGHI	ALGERIA	65518	C	PO	BURKINA FASO
08015	C	Oviedo	SPAIN	72578	C	POCATELLO/MUN., ID.	USA
47663	C	OWASE	JAPAN	13463	C	PODGORICA-GRAD	SERBIA AND MONTENEG
87823	C	P.MADRYN AERO	ARGENTINA	32027	C	POGIBI	RUSSIAN FEDERATION
22619	C	PADANY	RUSSIAN FEDERATION	47138	CT	POHANG	REP KOREA
16022	C	PAGANELLA	ITALY	07207	C	POINTE DU TALUT	FRANCE
48955	C	PAKSE	LAO PDR	20046	C	POLARGMO IM. E.T. KRENKELJA	RUSSIAN FEDERATION
08301	C	PALMA DE MALLORCA	SPAIN	33705	C	POMICHNA	UKRAINE
08085	C	PAMPLONA/NOAIN	SPAIN	08053	C	PONFERRADA	SPAIN
96237	C	PANGKAL PINANG	INDONESIA	11934	C	POPRAD/TATRY	SLOVAKIA
41560	CT	PARACHINAR	PAKISTAN	27675	C	PORETSKOE	RUSSIAN FEDERATION
37432	C	PASANAURI	GEORGIA	83332	C	POSSE	BRAZIL
42492	T	PATNA	INDIA	10379	C	POTSDAM	GERMANY
71984	C	PAULATUK, NWT	CANADA	83358	C	POXOREO (POXOREU)	BRAZIL
27823	C	PAVELETS	RUSSIAN FEDERATION	12330	CT	POZNAN	POLAND
06610	CT	PAYERNE	SWITZERLAND & LIECH	11518	C	PRAHA/RUZYNE	CZECH REP
71434	C	PEAWANUCK (AUT), ONT	CANADA	31989	C	PREOBRAZHENIE	RUSSIAN FEDERATION

# WMO PUB 9 VOL A

11659	C	PRIBYSLAV	CZECH REP	91948	CT	RIKITEA	FRENCH POLY.
11747	CT	PROSTEJOV	CZECH REP	44203	C	RINCHINLHUMBE	MONGOLIA
12695	C	PRZEMYSL	POLAND	82915	C	RIO BRANCO	BRAZIL
80412	C	PTO. CABELLO	VENEZUELA	41533	C	RISALPUR	PAKISTAN
84515	C	PUCALLPA	PERU	86350	C	RIVERA	URUGUAY
29313	C	PUDINO	RUSSIAN FEDERATION	40438	C	RIYADH OBS. (O.A.P.)	SAUDI ARABIA
76685	C	PUEBLA, PUE.	MEXICO	17040	C	RIZE	TURKEY
43063	C	PUNE	INDIA	72411	C	ROANOKE/MUN., VA.	USA
26359	C	PUSKINSKIE GORY	RUSSIAN FEDERATION	65660	C	ROBERTS FIELD	LIBERIA
43424	C	PUTTALAM	SRI LANKA	81405	CT	ROCHAMBEAU	FRENCH GUIANA
84179	C	PUYO	ECUADOR	61988	C	RODRIGUES	MAURITIUS
47058	CT	PYONGYANG	DPR KOREA	06190	C	ROENNE	DENMARK AND FAROE I
37740	C	QABALA	AZERBAIJAN	41725	C	ROHRI	PAKISTAN
68456	C	QACHA'S NEK	LESOTHO	15726	C	ROJEN	BULGARIA
56137	C	QAMDO	CHINA	30650	C	ROMANOVKA	RUSSIAN FEDERATION
71338	C	QIKIQTARJUAQ A, NU	CANADA	03957	C	ROSSLARE	IRELAND
54857	C	QINGDAO	CHINA	89062	CT	ROTHERA	U KINGDOM N
50745	C	QIQIHAR	CHINA	07037	C	ROUEN	FRANCE
74455	T	QUAD CITY, IA.	USA	98538	C	ROXAS	PHILIPPINES
41660	C	QUETTA AIRPORT	PAKISTAN	33834	C	ROZDIL'NA	UKRAINE
80144	C	QUIBDO/EL CARANO	COLOMBIA	64383	C	RUHENGERI	RWANDA
48870	C	QUY NHON	VIET NAM	51777	C	RUOQIANG	CHINA
60135	C	RABAT-SALE	MOROCCO	85141	C	RURRENABAQUE	BOLIVIA
40362	C	RAFHA	SAUDI ARABIA	40642	C	RUTBAH	IRAQ
72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA	28966	C	RUZAEVKA	KAZAKHSTAN
41859	C	RANGPUR	BANGLADESH	27730	T	RYAZAN'	RUSSIAN FEDERATION
91997	T	RAOUL ISLAND,	DETACHED ISLANDS	16008	C	S. VALENTINO ALLA MUTA	ITALY
72662	C	RAPID CITY/REGIONAL AIRPORT,	USA	82879	C	S.JOAO DO PIAUI	BRAZIL
91843	CT	RAROTONGA	COOK ISLANDS	10708	C	SAARBRUECKEN/ENSHEIM	GERMANY
40102	C	RAYACK	LEBANON	71600	C	SABLE ISLAND, NS	CANADA
22602	C	REBOLY	RUSSIAN FEDERATION	71467	C	SACHS HARBOUR CLIMATE, NWT	CANADA
82900	CT	RECIFE	BRAZIL	28552	C	SADRINSK	RUSSIAN FEDERATION
10776	C	REGENSBURG	GERMANY	06680	C	SAENTIS	SWITZERLAND & LIECH
07070	C	REIMS	FRANCE	42671	C	SAGAR	INDIA
82979	C	REMANSO	BRAZIL	41523	C	SAIDU SHARIF	PAKISTAN
07130	C	RENNES	FRANCE	08594	CT	SAL	CAPE VERDE
38407	C	RESERVED OR UNKNOWN	UZBEKISTAN	17030	CT	SAMSUN	TURKEY
16758	C	RETHYMNON	GREECE	08023	CT	SANTANDER	SPAIN
08175	C	REUS/AEROPUERTO	SPAIN	82280	CT	SAO LUIZ	BRAZIL
04030	C	REYKJAVIK	ICELAND	47412	CT	SAPPORO	JAPAN
16749	C	RHODES (AIRPORT)	GREECE	14654	C	SARAJEVO-BJELAVE	BOSNIA AND HERZEGOV
85043	C	RIBERALTA	BOLIVIA	21802	C	SASKYLAH	RUSSIAN FEDERATION
72401	C	RICHMOND/BYRD, VA.	USA	66226	C	SAURIMO (HENRIQUE DE CARVALH	ANGOLA
26422	CT	RIGA	LATVIA	48947	C	SAVANNAKHET	LAO PDR

# WMO PUB 9 VOL A

48938	C	SAYABOURY	LAO PDR	16684	C	SKYROS (AIRPORT)	GREECE
03373	C	SCAMPTON	U KINGDOM	71069	C	SLAVE LAKE A, ALTA	CANADA
10035	CT	SCHLESWIG	GERMANY	11903	C	SLIAC	SLOVAKIA
98430	C	SCIENCE GARDEN	PHILIPPINES	26951	C	SLUTSK	BELARUS
94738	C	SCONE SCS	AUSTRALIA	71950	C	SMITHERS A, BC	CANADA
72793	C	SEATTLE/S.-TACOMA,	USA	26781	C	SMOLENSK	RUSSIAN FEDERATION
62124	C	SEBHA	LIBYAN ARAB JAMAHIR	76845	C	SN. CRISTOBAL LAS CASAS, CHI	MEXICO
10261	C	SEEHAUSEN	GERMANY	32477	C	SOBOLEVO	RUSSIAN FEDERATION
61892	C	SEFADU	SIERRA LEONE	02836	CT	SODANKYLA	FINLAND
24661	C	SEGEN-KYUEL'	RUSSIAN FEDERATION	15614	CT	SOFIA (OBSERV.)	BULGARIA
25703	CT	SEJMCHAN	RUSSIAN FEDERATION	47090	T	SOKCHO	REP KOREA
36177	C	SEMPALATINSK	KAZAKHSTAN	67551	C	SOLWEZI	ZAMBIA
47590	CT	SENDAI	JAPAN	48806	C	SON LA	VIET NAM
47108	C	SEOUL	REP KOREA	08148	C	SORIA	SPAIN
71811	T	SEPT-ILES UA, QUE	CANADA	16746	C	SOUDA (AIRPORT)	GREECE
16606	C	SERRAI	GREECE	31770	C	SOVETSKAYA GAVAN'	RUSSIAN FEDERATION
67741	C	SESHEKE	ZAMBIA	14445	C	SPLIT/MARJAN	CROATIA
60445	C	SETIF	ALGERIA	72785	C	SPOKANE/INT., WA.	USA
23986	C	SEVERO-ENISEJSK	RUSSIAN FEDERATION	68512	CT	SPRINGBOK	SOUTH AFRICA
70277	C	SEWARD	USA	25206	C	SREDNE-KOLYMSK	RUSSIAN FEDERATION
63980	C	SEYCHELLES INTERNATIONAL AIR	SEYCHELLES	42027	CT	SRINAGAR	INDIA
37126	C	SHADZHATMAZ	RUSSIAN FEDERATION	94517	C	ST GEORGE AIRPORT	AUSTRALIA
22768	C	SHENKURSK	RUSSIAN FEDERATION	11028	C	ST. POELTEN	AUSTRIA
47898	C	SHIMIZU	JAPAN	60020	C	STA. CRUZ DE TENERIFE	SPAIN
22271	T	SHOJNA	RUSSIAN FEDERATION	71017	C	STEFANSSON ISLAND, NU	CANADA
72248	CT	SHREVEPORT/REG., LA.	USA	02485	C	STOCKHOLM	SWEDEN
38328	C	SHYMKENT	KAZAKHSTAN	07190	C	STRASBOURG-ENTZHEIM	FRANCE
26524	C	SIAULIAI	LITHUANIA	10738	C	STUTTGART-ECHTERDINGEN	GERMANY
15260	C	SIBIU	ROMANIA	15023	C	SUCEAVA	ROMANIA
60520	C	SIDI-BEL-ABBES	ALGERIA	24136	C	SUHANA	RUSSIAN FEDERATION
48966	C	SIEMREAP	CAMBODIA	15360	C	SULINA	ROMANIA
61811	C	SIGUIRI	GUINEA	33275	C	SUMY	UKRAINE
17210	C	SIIRT	TURKEY	24738	C	SUNTAR	RUSSIAN FEDERATION
61297	C	SIKASSO	MALI	22676	C	SURA	RUSSIAN FEDERATION
42619	C	SILCHAR	INDIA	24790	C	SUSUMAN	RUSSIAN FEDERATION
33946	C	SIMFEROPOL'	UKRAINE	47421	C	SUTTSU	JAPAN
47035	C	SINUJU	DPR KOREA	01008	C	SVALBARD LUFTHAVN	NORWAY
72557	C	SIOUX CITY/MUN., IA.	USA	71446	C	SWIFT CURRENT CDA, SASK	CANADA
62019	CT	SIRTE	LIBYAN ARAB JAMAHIR	94767	CT	SYDNEY AIRPORT AMO	AUSTRALIA
16757	C	SITIA	GREECE	23804	CT	SYKTYVKAR	RUSSIAN FEDERATION
17090	C	SIVAS	TURKEY	41891	C	SYLHET	BANGLADESH
62417	C	SIWA	EGYPT	89532	CT	SYOWA	JAPAN
60355	C	SKIKDA	ALGERIA	72519	C	SYRACUSE/HANCOCK,	USA
13588	C	SKOPJE-ZAJCEV RID	MACEDONIA	12205	C	SZCZECIN	POLAND

# WMO PUB 9 VOL A

12982	CT	SZEGED	HUNGARY	61036	C	TILLABERY	NIGER
12812	C	SZOMBATHELY	HUNGARY	81002	C	TIMEHRI/CHEDDI JAGAN INTERNA	GUYANA
63832	C	TABORA AIRPORT	U REP TANZANIA	60656	CT	TINDOUF	ALGERIA
84782	C	TACNA	PERU	03100	C	TIREE	U KINGDOM
34720	C	TAGANROG	RUSSIAN FEDERATION	60395	C	TIZI-OUZOU	ALGERIA
91938	CT	TAHITI-FAAA	FRENCH POLY.	76683	C	TLAXCALA, TLAX.	MEXICO
35406	C	TAIPAK	KAZAKHSTAN	60531	C	TLEMCCEN-ZENATA	ALGERIA
25932	C	TAJGONOS	RUSSIAN FEDERATION	67095	C	TOAMASINA	MADAGASCAR
47891	C	TAKAMATSU	JAPAN	28275	C	TOBOL'SK	RUSSIAN FEDERATION
26038	CT	TALLINN	ESTONIA	31137	C	TOKO	RUSSIAN FEDERATION
38413	C	TAMDY	UZBEKISTAN	08272	C	TOLEDO	SPAIN
16699	C	TANAGRA (AIRPORT)	GREECE	24671	C	TOMPO	RUSSIAN FEDERATION
67197	C	TAOLAGNARO	MADAGASCAR	06011	CT	TORSHAVN	DENMARK AND FAROE I
76903	C	TAPACHULA, CHIS	MEXICO	44225	C	TOSONTSENGEL	MONGOLIA
28493	C	TARA	RUSSIAN FEDERATION	27051	C	TOT'MA	RUSSIAN FEDERATION
04360	CT	TASIILAQ (AMMASSALIK)	GREENLAND	07240	C	TOURS	FRANCE
16715	C	TATOI	GREECE	94294	CT	TOWNSVILLE AERO	AUSTRALIA
82683	C	TAUA	BRAZIL	60760	T	TOZEUR	TUNISIA
96481	CT	TAWAU	MALAYSIA	07145	C	TRAPPES	FRANCE
98427	C	TAYABAS	PHILIPPINES	86500	C	TREINTA Y TRES	URUGUAY
23256	C	TAZOVSKOE	RUSSIAN FEDERATION	10609	C	TRIER-PETRISBERG	GERMANY
37545	C	TBILISI	GEORGIA	23711	C	TROICKO-PECHERSKOE	RUSSIAN FEDERATION
64507	C	TCHIBANGA	GABON	26997	C	TRUBCHEVSK	RUSSIAN FEDERATION
60475	C	TEBESSA	ALGERIA	44282	C	TSETSERLEG	MONGOLIA
78720	CT	TEGUCIGALPA	HONDURAS	44347	C	TSOGT-OVOO	MONGOLIA
40754	CT	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP	91954	CT	TUBUAI	FRENCH POLY.
78706	C	TELA	HONDURAS	72274	C	TUCSON/INT., AZ.	USA
35426	C	TEMIR	KAZAKHSTAN	98233	C	TUGUEGARAO	PHILIPPINES
56739	C	TENGCHONG	CHINA	40215	C	TULKARM	OTHER STATIONS IN R
83492	C	TEOFILO OTONI	BRAZIL	80453	C	TUMEREMO	VENEZUELA
76373	C	TEPEHUANES, DGO.	MEXICO	60715	CT	TUNIS-CARTHAGE	TUNISIA
08235	C	TERUEL	SPAIN	24507	CT	TURA	RUSSIAN FEDERATION
61202	CT	TESSALIT	MALI	76640	C	TUXPAN.VER.	MEXICO
60318	C	TETUAN/SANIA RAMEL	MOROCCO	16759	C	TYMBAKION (AIRPORT)	GREECE
94570	C	TEWANTIN RSL PARK	AUSTRALIA	83786	C	UBATUBA	BRAZIL
48840	C	THANH HOA	VIET NAM	48407	T	UBON RATCHATHANI	THAILAND
71867	CT	THE PAS A UA, MAN	CANADA	16044	T	UDINE/CAMPOFORMIDO	ITALY
16744	C	THIRA (AIRPORT)	GREECE	48354	C	UDON THANI	THAILAND
71079	C	THOMPSON	CANADA	91652	C	UDU POINT AWS	FIJI
41314	C	THUMRAIT	OMAN	28722	C	UFA-DIOMA	RUSSIAN FEDERATION
60511	C	TIARET	ALGERIA	35416	C	UIL	KAZAKHSTAN
94485	C	TIBOOBURRA POST OFFICE	AUSTRALIA	97180	CT	UJUNG PANDANG/HASANUDDIN	INDONESIA
61450	C	TIDJIKJA	MAURITANIA	44292	CT	ULAANBAATAR	MONGOLIA
21824	T	TIKSI	RUSSIAN FEDERATION	44214	C	ULGI	MONGOLIA

# WMO PUB 9 VOL A

44272	C	ULIASTAI	MONGOLIA	97686	C	WAMENA	INDONESIA
47115	C	ULLEUNGDO	REP KOREA	12375	C	WARSZAWA-OKECIE	POLAND
10838	C	ULM	GERMANY	10544	C	WASSERKUPPE	GERMANY
33587	C	UMAN'	UKRAINE	71199	C	WATSON LAKE (AUT), YT	CANADA
44304	C	UNDERKHAAN	MONGOLIA	10688	C	WEIDEN	GERMANY
68424	CT	UPINGTON	SOUTH AFRICA	10980	C	WENDELSTEIN	GERMANY
72501	T	UPTON, NY.	USA	10055	C	WESTERMARKELSDORF	GERMANY
35108	C	URALSK	KAZAKHSTAN	92004	C	WEWAK W.O.	PAPUA N GUINEA
38396	C	URGENCH	UZBEKISTAN	93112	T	WHENUAPAI	N ZEALAND
83927	C	URUGUAIANA	BRAZIL	71964	CT	WHITEHORSE A, YT	CANADA
17188	C	USAK	TURKEY	72351	C	WICHITA FALLS/SHEPS AFB/WICH	USA
87938	C	USHUAIA AERO	ARGENTINA	61902	T	WIDE AWAKE FIELD (ASCENSION)	OCEAN ISLANDS
16400	C	USTICA	ITALY	11035	CT	WIEN/HOHE WARTE	AUSTRIA
01403	C	UTSIRA FYR	NORWAY	72513	C	WILKES-BARRE-SCRANTON, PA.	USA
33631	CT	UZHGOROD	UKRAINE	68110	CT	WINDHOEK	NAMIBIA
61995	CT	VACOAS (MAURITIUS)	MAURITIUS	10474	C	WITTENBERG	GERMANY
08284	C	VALENCIA/AEROPUERTO	SPAIN	12497	C	WLODAWA	POLAND
17170	C	VAN	TURKEY	47055	C	WONSAN	DPR KOREA
01098	C	VARDO	NORWAY	94659	CT	WOOMERA AERODROME	AUSTRALIA
33038	C	VASILEVICH	BELARUS	70387	C	WRANGELL	USA
26554	C	VERHNEDVINSK	BELARUS	12424	C	WROCLAW II	POLAND
48112	C	VICTORIA POINT	MYANMAR	51463	CT	WU LU MU QI	CHINA
15502	C	VIDIN	BULGARIA	10655	C	WUERZBURG	GERMANY
48940	C	VIENTIANE	LAO PDR	57036	C	XI'AN	CHINA
08045	C	VIGO/PEINADOR	SPAIN	56571	C	XICHANG	CHINA
24641	C	VILJUJSK	RUSSIAN FEDERATION	85365	C	YACUIBA	BOLIVIA
33562	C	VINNYTSIA	UKRAINE	36064	C	YAJLJU	RUSSIAN FEDERATION
85244	C	VIRU-VIRU	BOLIVIA	70361	CT	YAKUTAT, AK	USA
02590	C	VISBY	SWEDEN	33990	C	YALTA	UKRAINE
26666	C	VITEBSK	BELARUS	47588	C	YAMAGATA	JAPAN
31960	C	VLADIVOSTOK	RUSSIAN FEDERATION	23463	C	YANOV-STAN	RUSSIAN FEDERATION
06310	C	VLISSINGEN	NETHERLANDS	64950	C	YAOUNDE	CAMEROON
67017	C	VOHEMAR	MADAGASCAR	91413	C	YAP, CAROLINE IS.	USA N
20982	C	VOLOCHANKA	RUSSIAN FEDERATION	37981	C	YARDIMLI	AZERBAIJAN
34122	T	VORONEZ	RUSSIAN FEDERATION	34866	C	YASHKUL'	RUSSIAN FEDERATION
89606	C	VOSTOK	RUSSIAN FEDER. ANTA	40821	T	YAZD	IRAN, ISLAMIC REP
33777	C	VOZNESENS'K	UKRAINE	62008	C	YEFREN	LIBYAN ARAB JAMAHIR
22837	C	VYTEGRA	RUSSIAN FEDERATION	61877	C	YELE	SIERRA LEONE
72256	C	WACO, MADISON-COOPER,	USA	40439	C	YENBO	SAUDI ARABIA
03377	C	WADDINGTON	U KINGDOM	47168	C	YEOSU	REP KOREA
71049	C	WAGER BAY (AUT), MAN	CANADA	37789	C	YEREVAN/YEREVAN-ARABKIR	ARMENIA
97340	C	WAINGAPU/MAU HAU	INDONESIA	57461	C	YICHANG	CHINA
47600	CT	WAJIMA	JAPAN	53614	CT	YINCHUAN	CHINA
47401	CT	WAKKANAI	JAPAN	64900	C	YOKO	CAMEROON

# WMO PUB 9 VOL A

65167	C	YOLA	NIGERIA
47744	T	YONAGO	JAPAN
78707	C	YORO	HONDURAS
72525	C	YOUNGSTOWN, OH.	USA
14430	T	ZADAR RS	CROATIA
14236	C	ZAGREB/GRIC	CROATIA
37575	C	ZAKATALA	AZERBAIJAN
67531	C	ZAMBEZI	ZAMBIA
81225	C	ZANDERIJ	SURINAME
34601	C	ZAPORIZHZHIA	UKRAINE
08160	C	ZARAGOZA/AEROPUERTO	SPAIN
37404	C	ZESTAFONT	GEORGIA
34398	C	ZHALPAKTAL	KAZAKHSTAN
35671	C	ZHEZKAZGAN	KAZAKHSTAN
24343	CT	ZHIGANSK	RUSSIAN FEDERATION
41620	CT	ZHOB	PAKISTAN
33325	C	ZHYTOMYR	UKRAINE
61695	C	ZIGUINCHOR	SENEGAL
61090	C	ZINDER	NIGER
36038	C	ZMEINOGORSK	RUSSIAN FEDERATION
31829	C	ZOLOTOJ	RUSSIAN FEDERATION
17022	C	ZONGULDAK	TURKEY
61404	C	ZOUERATE	MAURITANIA
62007	C	ZUARA	LIBYAN ARAB JAMAHIR
06660	C	ZUERICH-METEOSCHWEIZ	SWITZERLAND & LIECH
10961	C	ZUGSPITZE	GERMANY
25400	CT	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.

For Information Call:

(828) 271-4800, option 2

(828) 271-4010 (TDD)

(828) 271-4876 (Fax)

NOAA\National Climatic Data Center  
Attn: User Engagement & Services Branch  
151 Patton Avenue  
Asheville, NC 28801-5001

To change your address, please return a copy of the mailing label along with your new address to:

NOAA\National Climatic Data Center  
Attn: User Engagement & Services Branch  
151 Patton Avenue  
Asheville, NC 28801-5001

Customer Services Number: (828) 271-4800, option 2  
TDD : (828) 271-4010  
Fax number: (828) 271-4876