



VOL. 71 NO. 10



ISSN 0027-0296

OCTOBER 2018

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 Centers for Environmental Information, Asheville, North Carolina 28801

**Director
National Centers for Environmental Information**

noaa

**National
Oceanic and
Atmospheric Administration**

**National
Environmental Satellite, Data
and Information Service**

**National Centers
for Environmental Information
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) 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). The National Oceanic and Atmospheric Administration's (NOAA) National Centers for Environmental Prediction (NCEP) and the United Kingdom's Hadley Centre for Climate Prediction and Research prepares and relays data to NOAA's National Centers for Environmental Information for quality control, publication, and archive. Data used in MCDW are translated from CLIMAT, CLIMAT SHIP, CLIMAT TEMP and CLIMAT TEMP SHIP codes. WMO Publication No. 9, Volume A lists the 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. Bolded stations are those that participate in the WMO Global Climate Observing System (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 Centers for Environmental Information 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 Centers for Environmental Information, Asheville, North Carolina, USA.

PUBLICATION STAFF

Janet Wall, Met. Tech

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

**NOAA National Centers for Environmental Information
151 Patton Avenue
Asheville, NC 28801-5001**

SURFACE

OCTOBER 2018

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
EUROPE																
NORWAY																
01001 JAN MAYEN	7056N	00840W	10		1000.0	1001.2	2.4	2.3	6.2	1.0	19	94	12	4		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		999.7	1003.3	-1.4	4.1	4.3	.8	2	8	-5	2		
01025 TROMSO/LANGNES	6941N	01855E	10		1003.5	1004.7	3.7	.5	6.5	.2	17	114	-15	3		
01026 TROMSO	6939N	01856E	115		990.7	1004.7	3.6		6.3		17	90		2	45	
01028 BJORNOYA	7431N	01901E	16		1000.0	1002.0	1.9	2.4	6.2	.9	17	43	-1	3		
01098 VARDØ	7022N	03106E	15		1002.2	1004.0	3.4	1.0	6.6	.3	18	59	1	3		
01152 BODO VI	6716N	01422E	13		1004.2	1005.7	5.6	.3	7.4	.4	22	210	63	5		
01212 ONA II	6252N	00632E	15		1006.5	1008.2	8.6		8.1							
01238 FOKSTUA II	6207N	00917E	974		896.6	1011.2	.9				9	36		3		
01241 ORLAND III	6342N	00936E	7		1007.3	1008.4	7.0	.1	8.1	-.3	21	127	-4	3		
01317 BERGEN/FLORENDA	6023N	00520E	36		1007.2	1011.5	8.4	-.3	8.9	-.1	23	532	261	5		
01384 OSLO/GARDERMOEN	6012N	01105E	204				5.9	1.2			9	42	-58	2		
01403 UTSIRA FYR	5918N	00453E	56		1005.2	1012.0	9.4		9.4		21	222		5		
01415 STAVANGER/SOLA	5853N	00538E	9		1011.6	1012.7	9.4	.6	9.6	.3	22	214	66	5		
01465 TORUNGEN FYR	5824N	00848E	15		1011.2	1012.7	9.8				9	64		2		
01492 OSLO-BLINDERN	5957N	01043E	96		1000.2	1012.0	7.4	1.1	8.2	.4	8	45	-39	2	128	149
SWEDEN																
02119 KVIKKJOKK ARRENJARKA	6653N	01801E	317		969.7		-.3				7	41		2		
02126 GUNNARN	6500N	01742E	277		975.2	1009.0	2.2		6.2		4	37		3		
02197 HAPARANDA	6549N	02406E	15		1006.6	1008.5	2.6		6.8		5	14		0		
02226 OSTERSUND FROSON	6312N	01430E	376		964.7	1010.1	4.5	.7	6.9	.1					103	
02287 HOLMON	6349N	02052E	8		1008.9	1009.8	5.5		8.1		11	81		5		
02366 TIMRA/MIDLANDA	6231N	01727E	8		1010.4	1011.0	4.1	-.4	7.1	.0						
02407 MALUNG A	6040N	01342E	305		975.2	1012.1	4.5		6.8		9	43		2		
02418 KARLSTAD FLYGPLATS	5927N	01320E	107		999.4	1012.0	6.9	.4	8.7	.2					134	143
02485 STOCKHOLM	5921N	01804E	52		1007.2	1012.7	8.7	1.2	9.0	.5	5	22	-28	2	122	123
02550 JONKOPING/AXAMO	5745N	01405E	224		986.3	1013.6	7.6	1.2	9.4	1.0						
02589 GOTSKA SANDON	5824N	01912E	17		1011.0	1013.1	9.1		10.0		11	59		4		
02590 VISBY	5740N	01821E	51		1007.7	1013.7	8.9	.8	9.9	.3	10	60	10	4	145	138
FINLAND																
02801 KILPISJARVI	6903N	02047E	478		947.6	1006.6	-.3	-8.4	5.2	-4.4	6	14	-36	1		
02805 KEVO	6945N	02702E	107		992.7	1006.3	-1.2	-9.3	5.3	-4.3	6	15	-35	1	78	
02836 SODANKYLA	6722N	02639E	179		985.7	1008.1	-.4	-.2	5.8		5	30	-21	2	97	
02935 JYVASKYLA	6224N	02541E	145		994.7	1012.1	4.3	.9	8.1		9	37	-19	1	92	
02942 NIINISALO	6151N	02228E	136		996.9	1011.8	5.2	1.2	8.4		8	40	-14	1		
02963 JOKIOINEN	6049N	02330E	104		999.8	1012.7	5.8	1.1	8.8		11	41	-17	2	86	106

SURFACE

OCTOBER 2018

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.
UNITED KINGDOM																
03005 LERWICK	6008N	00111W	84		999.4	1009.4	8.2	.0	9.3		25	140	6	3	78	130
03017 KIRKWALL	5857N	00254W	26		1007.6	1010.8	9.1		9.9		24	172		5	67	95
03026 STORNOWAY AIRPORT	5813N	00619W	15		1010.0	1011.9	9.2	.1	9.9		25	151	13	4	73	91
03066 KINLOSS	5739N	00334W	7		1011.7	1012.4	9.7	.3	9.6		11	65	9	3	97	115
03091 DYCE	5712N	00213W	69		1004.9	1012.9	9.9	.9	9.8		13	80	3	3	74	80
03100 TIREE	5630N	00653W	12		1011.9	1013.5	10.1	-.2	10.5		25	152	10	3	76	97
03162 ESKDALEMUIR	5519N	00312W	242		987.4	1016.2	8.2	.1	9.6		17	135	-29	2	81	111
03171 LEUCHARS	5624N	00252W	12		1012.7	1013.9	9.9		10.1		6	49		2	104	105
03257 LEEMING	5418N	00132W	40		1012.5	1016.6	10.2	.2	10.3		6	42	-9	2	105	115
03302 VALLEY	5315N	00432W	11		1016.1	1017.6	11.5	.0	11.2		9	98	7	4	102	99
03377 WADDINGTON	5310N	00031W	70		1008.9	1017.3	11.2	.9	10.8		9	49	2	3	139	135
03414 SHAWBURY	5248N	00240W	76		1009.1	1017.9	10.4		10.8		9	53		2	107	120
03502 ABERPORTH	5208N	00434W	134		1001.9	1018.1	11.1	.1	11.3		10	132	31	4	108	111
03590 WATTISHAM	5207N	00058E	89		1006.7	1017.6	11.4		11.4		6	49		2	157	140
03740 LYNEHAM	5130N	00159W	147		1000.7	1018.4	10.7	.3	10.9		9	49	-15	1	135	135
03772 HEATHROW	5129N	00027W	25		1015.1	1018.1	12.5		11.3		7	61		3	137	130
03808 CAMBORNE	5013N	00519W	88		1008.0	1018.6	11.9		11.7		9	100		2	121	120
03862 HURN	5047N	00150W	11		1017.0	1018.3	10.7	-.3	11.5		6	45	-35	1	130	118
IRELAND																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1015.2	1018.1	10.5	-1.3	10.7	-1.1	16	115	-42	2		
03955 CORK AIRPORT	5151N	00829W	162		998.8	1018.5	9.9	-.4	10.4	-.9	7	62	-64	2	131	150
03956 JOHNSTOWN CASTLE	5217N	00629W	63		1010.6	1018.1	10.2		10.6		8	73				
03962 SHANNON AIRPORT	5242N	00855W	20		1015.6	1018.0	10.4	-.7	10.4	-1.0	11	48	-45	1	106	130
03967 CASEMENT AERODROME	5318N	00626W	97		1006.3	1017.6	9.3		10.2		8	56			128	135
03969 DUBLIN AIRPORT	5326N	00615W	85		1007.1	1017.5	9.3	-1.3	9.9	-.9	5	43	-27	2	121	125
03973 CONNAUGHT AIRPORT	5354N	00849W	209		984.3	1009.7	8.9		10.4		18	103			93	
03976 BELMULLET	5414N	01000W	10		1014.6	1015.7	10.7	-.3	10.8	-.4	18	135	1	3		
03980 MALIN HEAD	5522N	00720W	25		1012.4	1014.9	10.4	-.4	10.4	-.4	19	106	-13	3		
ICELAND																
04013 STYKKISHOLMUR	6505N	02244W	8			997.8					19	77	-3	3		
04018 KEFLAVIKURFLUGVOLLUR	6358N	02236W	54			998.3	4.0		6.9		21	120		4		
04030 REYKJAVIK	6408N	02156W	61			998.5	3.9	-.5	6.5	-.4	21	114	29	5	85	
04063 AKUREYRI	6541N	01805W	27		995.7	999.0	3.3	.3	5.9	-.4	12	76	18	4	39	
GREENLAND																
04211 MITTARFIK UPERNAVIK (UPERNAV)	7247N	05608W	129			1007.6	-6.1		3.1							
04220 AASIAAT (EGEDESMINDE)	6842N	05251W	43			1006.5	-3.7	-1.5	3.5		9	44	16			
04250 NUUK (GODTHAAB)	6410N	05145W	84			1004.4	-2.7	-2.1	3.7		13	60	-10			
04312 STATION NORD AWS	8136N	01641W	36			1010.2	-14.5	4.9	1.6		14	66				

SURFACE

OCTOBER 2018

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.	
04320 DANMARKSHAVN	7646N	01840W	12			1007.9	-9.8	3.8		2.1		6	55	43			
04339 ITTOQQORTOORMIT (SCORESBYSU)	7029N	02157W	69			1005.0	-4.4			3.3		12	81	61			
04360 TASIILAQ (AMMASSALIK)	6536N	03738W	52			1000.7	-.8	.0		3.9		10	42	-44			
04390 PRINS CHRISTIAN SUND	6003N	04310W	88			1000.7	1.3	.2		4.4		9	132	-84			
DENMARK AND FAROE ISLANDS																	
06011 TORSHAVN	6201N	00646W	61			1005.1	7.6	.1		8.5		25	147	-30			
06030 AALBORG	5706N	00951E	13			1013.7	9.5	.6		10.3		14	59				
06186 KOEBENHAVN/LANDBOHOEJSKOLEN	5541N	01233E	7			1015.1	11.0			10.7		10	48				
06190 ROENNE	5504N	01445E	17			1015.8	11.2	1.2		10.7		9	53				
NETHERLANDS																	
06235 DE KOOY	5256N	00447E	2			1016.7	1016.8	12.9	1.6	12.0	.6	6	38	-46	1	175	179
06260 DE BILT	5206N	00511E	4			1017.1	1017.4	11.9	1.4	11.4	.3	5	37	-37	2	180	175
06280 EELDE/GRONINGEN AP EELDE	5307N	00635E	4			1016.3	1016.8	11.6	1.8	11.2	.2	7	34	-34	1	165	177
06310 VLISSINGEN	5127N	00336E	10			1016.5	1017.5	13.5	1.5	12.4	.6	5	68	-11	3	183	176
06380 BEEK/MAASTRICHT AP/MAASTRICH	5055N	00547E	116			1017.8	12.3	1.8		11.0	.1	8	33	-27	2	166	155
BELGIUM																	
06447 UCLE	5048N	00421E	104			1005.2	1017.3	12.6	2.2	10.8	-.6	8	48	-22	2	178	156
LUXEMBOURG																	
06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	376			973.7	1018.2	11.8		10.5		5	16	-58	1	173	160
SWITZERLAND & LIECHTENSTEIN																	
06601 BASEL-BINNINGEN	4733N	00735E	317			980.4	1018.2	11.8		10.4		5	41			157	150
06610 PAYERNE	4649N	00657E	491			960.1	1018.0	10.6		10.0		5	24			175	165
06660 ZUERICH-METEOSCHWEIZ	4723N	00834E	569			952.8	1018.1	11.2	2.1	10.4	.7	5	49	-20	2	171	164
06680 SAENTIS	4715N	00921E	2502			753.5		2.6	1.6	4.7	.4	7	77	-94	1	211	113
06700 GENEVE-COINTRIN	4615N	00608E	420			969.0	1017.6	12.3	2.4	10.7	1.0	5	28	-45	1	173	152
06717 GRAND ST. BERNARD	4552N	00710E	2479			754.4		2.5		5.6		9	297			138	110
06720 SION	4613N	00720E	482			960.9	1017.5	12.4		9.5		3	38			200	125
06770 LUGANO	4600N	00858E	276			982.2	1017.5	15.3	3.4	13.1	2.4	9	240	94	5	154	101
FRANCE																	
07005 ABBEVILLE	5008N	00150E	77			1009.3	1018.0	12.3		11.6		6	34			158	100
07015 LILLE	5034N	00306E	52			1012.3	1017.9	12.5		11.4		7	48			37	
07020 LA HAGUE	4943N	00156W	12			1017.3	1020.6	15.2		13.3		8	63				
07027 CAEN	4911N	00027W	67			1010.1	1018.2	12.5	1.0	12.1		6	115	48	2	169	133
07037 ROUEN	4923N	00111E	156			999.9	1018.1	12.2		11.6		6	26			159	100
07072 REIMS-PRUNAY	4912N	00409E	95			1006.5	1017.9	11.9		10.9		6	28			182	
07110 BREST	4827N	00425W	99			1006.6	1018.5	11.8	-.4	11.7		10	123	13	2	157	128

SURFACE

OCTOBER 2018

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.
07117 PLOUMANAC'H PERROS GUIREC	4850N	00328W	58		1011.2	1018.2	13.5		12.2		10	127				
07130 RENNES	4804N	00144W	43		1013.4	1017.9	12.7		12.0		5	83			173	100
07139 ALENCON	4826N	00006E	144		1000.7	1018.1	12.0		11.5		6	40			167	100
07149 PARIS-ORLY	4843N	00223E	90		1007.1	1017.9	13.6		11.4		4	23			169	
07168 TROYES	4820N	00401E	118		1003.7	1017.9	12.4		11.3		5	31			182	
07181 NANCY-OCHEY	4835N	00558E	351		977.4	1018.1	11.9		10.7		6	17				
07190 STRASBOURG-ENTZHEIM	4833N	00738E	153		1000.1	1018.2	11.9	1.8	10.6		4	17	-26	1	165	163
07207 POINTE DU TALUT	4718N	00310W	43		1012.6	1017.8	13.6		12.5		6	32				
07222 NANTES	4709N	00136W	27		1014.1	1017.2	13.4	.7	12.2		4	36	-43	2	170	121
07240 TOURS	4727N	00044E	112		1004.1	1017.5	13.4		12.0		5	32			181	100
07255 BOURGES	4704N	00222E	166		997.7	1017.4	13.8	2.1	11.3		5	42	-17	2	181	136
07280 DIJON	4716N	00505E	227		990.7	1017.7	12.5	1.6	10.8		8	41	-16	2	162	134
07299 BALE-MULHOUSE	4736N	00731E	271		985.6	1018.2	11.4		10.5		5	37				
07314 CHASSIRON	4603N	00125W	22		1014.2	1017.0	14.7		13.3		4	22		1		
07335 POITIERS	4635N	00018E	120		1002.8	1017.2	13.2		12.1		7	50			175	100
07434 LIMOGES	4552N	00111E	402		969.2	1016.4	13.5		11.2		7	33			185	100
07460 CLERMONT-FERRAND	4547N	00310E	330		978.6	1017.1	13.0		10.3		6	30			177	100
07471 LE PUY	4505N	00346E	833		921.4	1500 Y	10.1		9.4		7	70			161	
07481 LYON-SATOLAS	4544N	00505E	248		988.7	1017.2	13.5		11.6		7	85				
07510 BORDEAUX MERIGNAC	4450N	00041W	61		1010.7	1016.4	14.4		13.2		9	75	-12	2	169	100
07535 GOURDON	4445N	00124E	261		985.3	1016.1	14.1		12.2		7	71			186	100
07560 MONT AIGOUAL	4407N	00335E	1567		842.6	1492 Y	7.5		8.4		16	662		5		
07577 MONTELMAR	4435N	00444E	74		1007.4	1016.1	15.3		12.4		9	170			158	
07591 EMBRUN	4434N	00630E	876		916.1	1503 Y	13.3		9.1		8	90			168	
07607 MONT-DE-MARSAN	4355N	00030W	60		1009.4	1016.5	13.4		13.2		5	50			150	
07621 TARBES-OSSUN	4311N	00000W	364		973.5	1016.4	12.8		12.0		9	89			169	100
07627 SAINT GIRONS	4300N	00106E	412		967.8	1016.5	12.7		11.8		10	80			165	
07630 TOULOUSE BLAGNAC	4338N	00122E	154		998.3	1016.1	15.0		13.1		6	54	3	2	144	
07643 MONTPELLIER	4335N	00358E	8		1014.4	1015.3	16.8		13.5		10	148			153	
07650 MARIGNANE	4327N	00514E	32		1011.0	1014.8	17.0		14.1		12	263	186	5	185	
07661 CAP CEPET	4305N	00556E	136		999.6	1015.3	17.7		15.6		14	259				
07690 NICE	4339N	00712E	27		1011.6	1014.7	18.9		14.6		11	188	80	2	186	
07747 PERPIGNAN	4244N	00252E	47		1009.8	1015.0	17.4		13.9		12	298	209	5	160	
07761 AJACCIO	4155N	00848E	9		1013.4	1014.5	18.3		15.0		9	158	71	5	195	
07790 BASTIA	4233N	00929E	12		1013.7	1015.1	17.7		16.1		12	302		5	186	
SPAIN																
08001 LA CORUNA	4322N	00825W	67		1008.4	1016.4	16.0	.3	13.1	-1.1	9	93	-11	3	227	146
08002 LA CORUNA/ALVEDRO	4318N	00823W	103		1003.8	1016.0	14.9		12.5		9	89		2		
08008 LUGO/ROZAS	4307N	00727W	446		964.4	1016.7	12.9		11.6		9	148		4	188	130
08011 ASTURIAS/AVILES	4333N	00602W	130		1001.5	1016.9	14.3		13.1		9	174		5	178	125
08014 GIJON-MUSEL	4334N	00542W	6		1015.3	1016.0	15.4		13.8		12	167		5	165	120
08015 OVIEDO	4321N	00552W	339		976.8	1016.7	13.6	-5	12.5	.1	10	210	117	5	173	128
08021 SANTANDER/PARAYAS	4326N	00349W	5		1016.4	1016.5	15.7		13.7		9	144		4	163	130
08023 SANTANDER	4329N	00348W	59		1009.6	1016.6	15.2	-9	13.6	-2	8	139	12	4	184	138
08025 BILBAO/SONDICA	4318N	00254W	42		1012.0	1016.6	15.8		13.7		9	175		4	138	110

SURFACE

OCTOBER 2018

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.
08027 SAN SEBASTIAN/IGUELDO	4318N	00202W	259		985.7	1016.3	14.5	-.7	13.4	.2	9	164	24	4	130	97
08029 SAN SEBASTIAN/FUENTERRABIA	4321N	00148W	8		1015.5	1016.0	15.5		14.0		8	139		3	128	90
08042 SANTIAGO/LABACOLLA	4254N	00826W	370		973.0	1016.0	13.9		11.7		10	115		2	199	130
08044 PONTEVEDRA	4226N	00837W	108		1001.6	1014.3	16.1		12.1		10	142		2	224	150
08045 VIGO/PEINADOR	4214N	00838W	256		985.0	1015.3	15.4	.5	12.3	-1.6	9	87	-116	2	189	122
08048 ORENSE	4220N	00752W	147		997.4	1014.8	15.8		11.5		9	68		3	186	135
08053 PONFERRADA	4234N	00636W	550		952.1	1015.8	14.0		9.7		10	42		2	204	130
08055 LEON/VIRGEN DEL CAMINO	4235N	00539W	916		911.5	1015.4	11.8		8.4		6	27		2	221	120
08075 BURGOS/VILLAFRIA	4221N	00338W	890		914.4	1016.0	11.4	.3	9.5	-1.0	6	15	-30	2	174	109
08080 VITORIA	4253N	00243W	513		957.2	1017.0	12.6		11.8		8	101		4	156	110
08084 LOGRONO/AGONCILLO	4227N	00220W	363		973.4	1015.9	14.7	.3	11.4	-.3	7	40	12	4	183	106
08085 PAMPLONA/NOAIN	4246N	00138W	459		962.8	1015.6	14.2		11.0		6	40		2	175	105
08130 ZAMORA	4131N	00544W	667		939.7	1016.3	14.1		9.1		4	18		2	199	105
08140 VALLADOLID/VILLANUBLA	4143N	00451W	846		918.9	1015.5	11.9		8.5		2	18		2	214	105
08141 VALLADOLID	4139N	00446W	735		931.1	1015.2	13.7	.7	9.0	-1.1	4	22	-13	2	211	115
08148 SORIA	4146N	00228W	1082		893.1	1014.5	12.0		8.9		6	39		3	191	110
08160 ZARAGOZA/AEROPUERTO	4140N	00100W	263		984.7	1014.8	16.5	1.1	11.9	-.6	6	46	17	4	215	110
08202 SALAMANCA/MATACAN	4057N	00530W	794		924.3	1014.9	12.6	.3	9.4	-1.6	6	30	-6	3	218	116
08210 AVILA	4039N	00442W	1131		888.1	1014.8	11.8		9.0		8	50		4	190	100
08213 SEGOVIA	4057N	00407W	1006		901.3	1014.3	13.0		8.7		6	51		4	198	110
08215 NAVACERRADA	4047N	00401W	1894		810.9	1014.9	7.6		7.6		15	186		4	143	95
08219 MADRI-COLMENAR	4039N	00344W	1004		901.7	1013.6	13.5		10.5		11	82		5	184	92
08221 MADRID/BARAJAS	4030N	00335W	633		947.5	1014.2	15.1	.6	10.6	-.5	10	74	37	5	187	92
08222 MADRID, RETIRO	4025N	00341W	667		938.1	1014.2	15.4	.6	10.8	.0	10	57	12	4		
08223 MADRID/CUATRO VIENTOS	4023N	00347W	690		935.8	1014.0	15.8		11.2		9	47		4	213	100
08224 MADRID/GETAFE	4018N	00343W	620		943.6	1014.0	16.0		10.8		9	38		3	207	100
08227 MADRID/TORREJON	4029N	00327W	612		944.1	1014.2	15.2		10.9		8	49		4	213	115
08231 CUENCA	4004N	00208W	946		907.2	1014.3	13.8		9.5		7	78		4	189	95
08235 TERUEL	4021N	00107W	902		912.5	1014.7	12.6		10.2		7	139		6	187	100
08261 CACERES	3928N	00620W	405		968.6	1013.8	17.3	.1	11.1	-.3	8	106	55	5	234	115
08272 TOLEDO	3953N	00403W	516		954.6	1013.8	16.5		10.9		10	57		5	221	105
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		934.1	1014.4	14.5	.4	11.1	-.5	7	39	-1	3	200	99
08284 VALENCIA/AEROPUERTO	3930N	00028W	69		1006.8	1014.1	18.4	.2	14.7	.0	7	145	59	5	213	107
08285 VALENCIA	3929N	00023W	11				19.5				8	190		5		
08286 CASTELLON	3957N	00004W	35		1008.9	1014.1	18.8		14.9		6	187		5	228	115
08330 BADAJOZ/TALAVERA LA REAL	3853N	00650W	192		991.4	1013.8	18.1	.7	12.5	-1.0	10	57	0	3	219	103
08348 CIUDAD REAL	3859N	00355W	629		942.5	1014.2	15.9	1.1	10.8	-1.3	10	65	23	4	215	108
08359 ALICANTE	3822N	00030W	82		1004.4	1014.0	19.1	-.1	15.4	-.1	6	61	-5	4	238	106
08360 ALICANTE/EL ALTET	3817N	00033W	43		1010.4	1014.0	19.5		15.5		4	54			231	
08383 HUELVA	3717N	00655W	20		1011.8	1014.1	19.5		15.8		11	92		5	228	105
08391 SEVILLA/SAN PABLO	3725N	00554W	34		1010.1	1013.8	20.2		14.6		11	99		5	238	110
08397 MORON DE LA FRONTERA	3709N	00537W	88		1003.6	1013.9	19.2		13.7		12	144		5	225	100
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1003.2	1014.0	19.2	.7	13.6	-.6	12	123	55	5	241	120
08417 JAEN	3747N	00348W	582		947.8	1014.0	17.3		12.1		9	67		4	208	95
08419 GRANADA/AEROPUERTO	3711N	00347W	570		948.9	1014.2	15.7		12.7		6	53		4	217	100
08420 GRANADA/BASE AEREA	3708N	00337W	692		935.5	1014.2	15.8		11.3		9	74		5	209	105

SURFACE

OCTOBER 2018

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.
08429 MURCIA/ALCANTARILLA	3757N	00114W	75		1005.5	1014.3	19.4		15.4		11	47		4	205	100
08430 MURCIA	3800N	00110W	62		1006.8	1014.1	20.1		15.0		9	56		4	220	100
08433 MURCIA/SAN JAVIER	3747N	00048W	5				19.6	.9			4	54	-5	4	208	110
08449 ROTA	3639N	00621W	23		1011.6	1014.3	20.0		16.5		11	103			220	
08451 JEREZ DE LA FRONTERA AEROPUE	3645N	00604W	28		1010.8	1014.1	19.4	.2	16.2	.7	12	105	44	5	215	95
08452 CADIZ, OBS.	3632N	00617W	9		1013.5	1014.6	20.6		16.8		11	117		5		
08482 MALAGA/AEROPUERTO	3640N	00429W	16		1013.5	1013.7	19.8	.7	16.8	1.3	11	162	108	5	174	82
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1011.4	1013.8	20.4	.5	17.3	1.0	7	41	13	4	212	97
GIBRALTAR																
08495 GIBRALTAR	3609N	00521W	5		1014.1	1014.7	20.1				10	175		5	217	100
PORTUGAL																
08509 LAJES (ACORES)	3846N	02706W	54		1014.6	1021.1	19.8		18.6		10	101		3	153	150
08512 PONTA DELGADA/NORDELA (ACORE)	3744N	02542W	72		1011.3	1020.4	19.3		16.7		14	19		2		
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1007.8	1019.7	19.6	.3	18.7	1.3	17	174	90	5		
08535 LISBOA/GEOF	3843N	00909W	95		1002.8	1014.0	18.9	.4	14.9	-4	5	55	-25	3	246	115
08570 CASTELO BRANCO	3950N	00729W	386		969.9	1014.6	16.8		10.9		10	57				
08575 BRAGANCA	4148N	00644W	692		939.9	1021.0	13.3	.2	11.0	.1	7	48	-22	3		
GERMANY																
10015 HELGOLAND	5411N	00754E	8		1015.6	1016.0	13.0		11.9		11	52		2	125	125
10020 LIST/SYLT	5501N	00825E	29		1012.0	1015.3	11.6		11.4		11	34		1	130	130
10028 ST PETER-ORDING	5420N	00836E	11		1014.6	1015.9	12.0		11.4		12	65		2	142	170
10035 SCHLESWIG	5432N	00933E	48		1010.0	1015.9	11.1	1.7	11.0	.6	15	71	-19	2	143	147
10046 KIEL-HOLTENAU	5423N	01009E	31				11.6				9	40			146	145
10055 WESTERMARKELSDORF	5432N	01104E	9		1014.7	1015.7	12.4		11.1		10	28			167	155
10091 ARKONA	5441N	01326E	42		1010.6	1015.6	11.6		10.6		11	36		3	167	155
10113 NORDERNEY	5343N	00709E	16		1014.3	1016.2	12.9		11.8		10	50		2		
10129 BREMERHAVEN	5332N	00835E	11		1016.0	1016.7	12.5		11.2		10	55		2	151	160
10131 CUXHAVEN	5352N	00842E	12		1014.9	1016.3	12.5		11.5		8	44		1	153	145
10142 ITZEHOE	5359N	00934E	26		1013.2	1016.3	11.1		11.0		7	42			157	165
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	16		1014.7	1016.5	11.4	1.7	10.3	-1	6	32	-31	1	155	155
10156 LUEBECK-BLANKENSEE	5349N	01042E	17		1014.4	1016.5	11.1		10.5		5	21			154	150
10161 BOLTENHAGEN	5400N	01112E	17		1014.2	1016.1	11.6		10.5		8	20		2	163	150
10162 SCHWERIN	5339N	01123E	68		1009.3	1016.5	11.5		10.1		6	18		1		
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1014.4	1015.9	12.4	2.5	10.6	.0	10	31	-11	3	155	149
10180 BARTH	5420N	01243E	7		1015.4	1015.9	10.9		9.9		9	31			170	155
10184 GREIFSWALD	5406N	01324E	6		1015.4	1016.2	10.9		10.1		7	47			149	135
10193 UECKERMUENDE	5345N	01404E	2		1016.2	1016.5	10.6		10.2		6	20		2	155	150
10200 EMDEN-FLUGPLATZ	5323N	00714E	-2		1016.8	1016.6	11.9		11.2		9	34			156	160
10224 BREMEN	5303N	00848E	5		1016.3	1016.9	11.5		10.9		8	31		2	163	165
10249 BOIZENBURG	5324N	01041E	46		1011.1	1016.7	11.4		10.4		8	26		1	159	155
10261 SEEHAUSEN	5254N	01144E	23		1014.2	1017.0	10.8		9.8		5	17			159	165

SURFACE

OCTOBER 2018

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.
10264 MARNITZ	5319N	01156E	87		1006.2	1016.7	11.1		10.0		5	15		1	155	170
10270 NEURUPPIN	5254N	01249E	45		1011.6	1017.1	10.7		10.0		5	18		2	169	180
10291 ANGERMUEENDE	5302N	01400E	55		1010.3	1017.0	10.7		9.9		3	13		2	165	150
10305 LINGEN	5231N	00718E	26		1014.5	1017.3	12.1		11.2		9	29		2	156	150
10309 AHAUS	5204N	00656E	47		1011.9	1017.5	11.8		10.6		7	28			168	145
10312 BELM	5219N	00810E	104		1004.9	1017.4	11.6		10.4		8	41			159	155
10315 MUENSTER/OSNABRUECK	5208N	00742E	53		1011.2	1017.6	11.5		10.7		8	30			169	150
10321 DIEPHOLZ	5235N	00821E	43		1012.1	1017.4	11.2		10.7		7	26		2	162	150
10325 BAD SALZUFLEN	5206N	00845E	139		1001.2	1017.7	11.6		10.4		8	36		2	162	150
10338 HANNOVER	5228N	00941E	59		1010.1	1017.3	11.5	1.8	10.8	.4	4	18	-24	1	154	152
10348 BRAUNSCHWEIG	5218N	01027E	88		1007.5	1017.4	11.6		10.2		5	16		1	161	155
10359 GARDELEGEN	5231N	01124E	48		1011.7	1017.5	10.4		9.6		3	14		1	153	150
10361 MAGDEBURG	5206N	01135E	85		1007.2	1017.5	11.4		9.8		4	9		1	147	135
10365 GENTHIN	5223N	01210E	39		1012.9	1017.3	10.6		9.5		3	6		0	161	155
10379 POTSDAM	5223N	01304E	100		1005.3	1017.3	11.2	1.8	9.6	-5	3	13	-23	1	169	148
10382 BERLIN-TEGEL	5234N	01319E	37		1012.8	1017.2	11.5		9.6		5	16			163	155
10384 BERLIN-TEMPELHOF	5228N	01324E	50		1011.4	1017.3	11.7		9.5		6	17		2	165	150
10385 BERLIN-SCHOENEFELD	5223N	01332E	48		1011.3	1017.4	11.2		9.7		7	17			164	
10393 LINDENBERG	5213N	01407E	112		1004.9	1017.5	11.4	2.1	9.7	-1	7	23	-16	2	166	144
10396 MANSCHNOW	5233N	01433E	16		1015.7	1017.3	10.8		9.4		6	26			161	155
10400 DUESSELDORF	5118N	00646E	45		1012.9	1017.8	12.7		10.6		6	24			157	140
10410 ESSEN-BREDENEY	5124N	00658E	161		999.8	1017.8	12.7	2.0	10.5	-2	8	34	-36	2	164	148
10418 LUEDENSCHEID	5115N	00739E	392		971.8	1018.0	10.8		10.1		8	38			148	125
10424 WERL	5134N	00753E	86		1007.5	1017.9	12.1		10.4		8	22			154	135
10427 KAHLER ASTEN	5111N	00829E	859		918.4	1495 Y	8.6		9.1		8	59		2	129	125
10430 BAD LIPPSPRINGE	5147N	00850E	158		998.7	1017.8	11.4		10.6		10	46		3	143	130
10442 ALFELD	5157N	00948E	145		1000.4	1017.9	11.1		10.3		7	23			144	160
10444 GOETTINGEN	5130N	00957E	175		997.8	1018.2	10.1		9.9		4	10		0	133	130
10449 LEINEFELDE	5124N	01019E	356		976.0	1018.1	10.4		9.6		6	29		3	136	120
10453 BROCKEN	5148N	01037E	1153		885.1	1484 Y	6.4		8.1		13	132		3	131	120
10460 ARTERN	5123N	01118E	166		998.0	1018.0	11.0		9.7		3	7		1	121	130
10469 LEIPZIG-SCHKEUDITZ	5126N	01214E	141		1001.5	1017.9	11.3		9.9		3	7				
10474 WITTENBERG	5153N	01239E	106		1004.9	1017.6	11.2		9.4		6	20		2	152	135
10480 OSCHATZ	5118N	01306E	152		1000.0	1018.1	11.1		9.6		5	23			145	115
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		990.2	1018.0	11.8		9.7		6	25		2	161	125
10496 COTTBUS	5146N	01419E	70		1009.1	1017.6	10.9		9.4		9	29		3	158	135
10499 GOERLITZ	5110N	01457E	240		989.4	1018.1	11.8	2.6	9.5	-1	7	36	-9	3	174	138
10505 AACHEN-ORSBACH	5046N	00710E	233		990.1	1017.9	12.2		10.6		8	49			152	125
10506 NUERBURG-BARWEILER	5022N	00652E	488		960.7	1018.3	10.4		9.8		5	21			140	135
10513 KOELN/BONN	5052N	00710E	100		1006.1	1018.1	12.0		10.8		8	27		2	146	130
10519 BONN-ROLEBER	5044N	00712E	162		998.8	1018.1	11.8		10.7		6	20			144	130
10520 ANDERNACH	5025N	00725E	77		1009.1	1018.3	11.4		10.5		5	16			135	145
10526 BAD MARIENBERG	5040N	00758E	555		953.9	1018.1	10.3		10.2		8	46			137	125
10532 GIESSEN	5035N	00842E	195		993.8	1018.3	10.6		10.3		2	11		1	133	135
10537 NEU ULRICHSTEIN	5045N	00901E	352		976.4	1018.4	10.5		10.1		2	16			137	
10542 BAD HERSFELD	5051N	00944E	273		986.0	1018.5	9.8		9.9		3	10		0	114	115

SURFACE

OCTOBER 2018

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.
10544 WASSERKUPPE	5030N	00957E	925		911.3	1498 Y	8.4		9.1		7	49		2	142	120
10548 MEININGEN	5034N	01023E	453		965.0	1018.6	10.1		9.7		6	15			143	145
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		979.7	1018.1	10.6		9.8		3	11		1	126	110
10557 NEUHAUS A.R.	5030N	01108E	851		919.6	1497 Y	8.2		8.9		7	35			130	115
10564 SCHLEIZ	5034N	01148E	502		959.0	1018.3	10.3		9.5		5	28			135	115
10567 GERA-LEUMNITZ	5053N	01208E	312		981.2	1018.2	10.7		9.5		3	16		2	132	110
10577 CHEMNITZ	5048N	01252E	420		968.7	1018.1	11.1		9.5		6	44		4	146	115
10578 FICHTELBERG	5026N	01257E	1215		879.9	1497 Y	6.4	1.9	8.0	.8	7	69	-1	4	149	115
10582 ZINNWALD-GEORGENFELD	5044N	01345E	882		916.5	1493 Y	7.5		8.6		7	66			150	130
10591 LICHTENHAIN-MITTELNDORF	5056N	01413E	352		980.2	1018.3	11.2		9.3		5	41			160	155
10609 TRIER-PETRISBERG	4945N	00640E	273		985.7	1018.3	11.3	1.5	10.4	.1	5	11	-54	1	153	149
10616 HAHN	4957N	00716E	503		959.0	1018.3	10.5		10.3		5	18			159	145
10628 GEISENHEIM	4959N	00757E	123		1005.0	1018.4	12.2	2.2	10.7	.4	3	7	-35	1	178	184
10635 KLEINER FELDBERG/TAUNUS	5013N	00827E	805		922.2	1498 Y	9.2		9.4		6	45		2		
10637 FRANKFURT/M-FLUGHAFEN	5003N	00836E	113		1005.7	1018.3	12.4		10.2		3	7		1	179	175
10648 MICHELSTADT-VIELBRUNN	4943N	00906E	455		964.5	1018.2	11.1		10.5		4	12			172	150
10655 WUERZBURG	4946N	00958E	272		986.3	1018.7	11.7		10.0		3	9		1	179	175
10658 BAD KISSINGEN	5014N	01005E	282		984.9	1018.6	10.5		9.8		6	14		1	166	180
10675 BAMBERG	4953N	01055E	243		989.6	1018.6	9.8		9.0		3	12		1	164	155
10685 HOF	5019N	01153E	568		951.8	1018.6	9.4		9.3		5	29		2	139	115
10686 WUNSIEDEL-SCHOENBRUNN	5001N	01158E	623		945.4	1018.7	9.0		9.2		6	18			151	125
10688 WEIDEN	4940N	01211E	439		966.9	1018.7	10.2		9.3		5	26		2	162	135
10708 SAARBRUECKEN/ENSHEIM	4913N	00707E	322		980.1	1018.2	11.5		10.4		3	11		1	181	160
10724 WEINBIET	4923N	00807E	557		952.7	1018.1	11.4		9.9		5	14			174	140
10729 MANNHEIM	4931N	00833E	100		1006.1	1018.1	12.3		10.4		2	7		1	184	165
10731 RHEINSTETTEN	4858N	00819E	118		1004.0	1018.2	12.0		10.6		2	12			163	155
10738 STUTTGART-ECHTERDINGEN	4841N	00914E	396		971.9	1018.3	11.3		10.0		4	27		3	177	135
10742 OEHRINGEN	4913N	00931E	277		985.5	1018.2	12.4		10.2		4	16		1	170	135
10747 KAISERBACH-CRONHUETTE	4855N	00941E	490		960.6	1018.6	9.9		9.5		5	33			170	
10761 WEISSENBURG	4901N	01058E	424		966.4	1018.6	10.6		9.8		6	29		3	179	145
10763 NUERNBERG	4930N	01103E	319		980.6	1018.5	10.8	1.8	9.4	.0	4	19	-26	1	186	152
10776 REGENSBURG	4903N	01206E	371		974.5	1018.5	10.7		9.7		6	46		4	167	155
10788 STRAUBING	4850N	01234E	360		975.8	1018.5	10.8		9.8		4	40			177	165
10791 GROSSER ARBER	4907N	01308E	1446		856.0	1503 Y	6.9		7.4		8	59			164	105
10803 FREIBURG	4800N	00751E	300		989.8	1018.3	10.8		10.2		6	30		1	147	120
10805 LAHR	4822N	00750E	157		999.4	1018.2	11.3		10.7		4	20		1	147	135
10815 FREUDENSTADT	4827N	00825E	801		925.5	1503 Y	9.8		9.4		5	27		2	161	120
10836 STOETTEN	4840N	00952E	737		932.4	1018.1	10.3		9.7		6	45		2	164	125
10852 AUGSBURG	4826N	01056E	477		962.2	1018.6	9.8		10.0		6	42		3	157	135
10863 WEIHENSTEPHAN	4824N	01142E	479		961.9	1018.5	10.2		10.2		4	43		3	176	145
10870 MUENCHEN, FLUGHAFEN	4822N	01149E	453		965.6	1018.6	9.9	1.7	9.7	.6	4	38	-11	3	169	142
10875 MUEHL DORF	4817N	01230E	410		970.3	1018.7	9.9		10.0		7	46		3	155	130
10895 FUERSTENZELL	4833N	01321E	480		961.8	1018.3	11.5		10.3		6	39			179	145
10908 FELDBERG/SCHWARZWALD	4753N	00800E	1493		850.9	1505 Y	7.4		6.9		8	179		4	196	135
10929 KONSTANZ	4741N	00911E	447		965.7	1018.1	11.8	2.1	10.8	.5	5	34	-20	2	180	182
10946 KEMPTEN	4743N	01020E	705		936.5	1018.4	9.6		9.3		5	54		3	182	125

SURFACE

OCTOBER 2018

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.
10948 OBERSTDORF	4724N	01017E	812		925.0	1502 Y	8.6		9.0		5	56		2	173	125
10961 ZUGSPITZE	4725N	01059E	2962		711.2	3086 Z	-9	1.2	4.1	.4	7	65	-44	3	219	116
10962 HOHENPEISSENBERG	4748N	01101E	986		905.2	1506 Y	10.3	2.3	9.0	.5	5	52	-19	3	188	125
AUSTRIA																
11012 KREMSMUNSTER	4803N	01408E	389		972.3	1018.4	11.6		10.1		6	27		1	170	145
11035 WIEN/HOHE WARTE	4815N	01622E	200		993.9	1018.7	13.0		10.7	.9	3	29	-12	2	198	145
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	584		948.9	1018.0	11.0		9.5		7	83		5	190	115
11146 SONNBLICK	4703N	01257E	3111		697.7	3088 Z	-2.4		4.2	.4	9	186	56	5	169	97
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		965.7	1018.0	11.1		10.6	1.1	9	67	0	3	181	129
11155 FEUERKOGEL	4749N	01343E	1621		838.5	1509 Y	7.1		7.1		9	139		5	188	120
11212 VILLACHERALPE	4636N	01340E	2160		785.6	1516 Y	3.6		7.0		9	204		5	175	100
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		963.4	1019.4	10.8		11.1	1.7	8	101	30	5	160	121
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		976.3	1019.3	10.4		10.8	.9	6	31	-27	2	191	141
CZECH REPUBLIC																
11423 PRIMDA	4940N	01240E	748		931.3	1018.5	8.7		8.8		6	30		2	154	135
11464 MILESOVKA	5033N	01356E	836		921.2	1018.9	8.1		8.9		5	25		3	169	125
11487 KOCELOVICE	4928N	01350E	522		957.3	1019.2	9.8		9.2		4	31		3	155	140
11518 PRAHA/RUZYNE	5006N	01415E	380		975.2	1018.7	10.6	2.3	9.0	.0	3	22	-8	3	167	139
11520 PRAHA-LIBUS	5001N	01427E	303		982.4	1018.7	11.1		9.2		5	32		4	154	140
11603 LIBEREC	5046N	01501E	405		970.9	1018.6	10.7		8.5		7	41		3	171	155
11659 PRIBYSLAV	4935N	01546E	536		955.8	1019.2	9.8		9.3		6	37		4	170	140
11723 BRNO/TURANY	4909N	01642E	246		989.8	1019.1	12.4	3.3	9.7	.6	3	17	-13	2	187	152
11782 OSTRAVA/MOSNOV	4941N	01807E	260		988.5	1019.6	11.2	2.3	9.8	.6	7	48	6	4	142	120
11787 LYSA HORA	4933N	01827E	1327		869.2	1513 Y	6.4		8.0		10	77		4	137	105
SLOVAKIA																
11826 PIESTANY	4837N	01750E	164		999.9	1019.5	12.8		10.3		5	16		2	175	125
11858 HURBANOVO	4752N	01812E	124		1004.9	1019.8	13.0	2.8	10.0	.4	4	12	-20	2	155	108
11903 SLIAC	4839N	01909E	315		982.7	1020.4	10.7	2.3	9.5	.6	7	33	-17		145	121
11934 POPRAD/TATRY	4904N	02015E	696		938.6		9.0	2.3	8.7	1.1	6	34	-4	4	172	108
11968 KOSICE	4840N	02113E	231		992.2	1019.9	12.1		9.5		5	21		3	182	135
POLAND																
12120 LEBA	5445N	01732E	6		1015.6	1016.0	10.9		10.5		9	75		4	177	
12160 ELBLAG	5410N	01926E	43		994.4	1016.8	10.1		9.5		10	90		5	173	180
12205 SZCZECIN	5324N	01437E	7		1016.0	1016.9	10.3	1.1	9.8	-3	4	20	-18	2	171	190
12295 BIALYSTOK	5306N	02310E	151		999.8	1018.4	8.4	1.2	9.3	.3	7	40	-6	3	172	185
12330 POZNAN	5235N	01651E	84		1007.0	1017.7	11.0	2.2	9.5	-1	4	23	-16	2	161	158
12375 WARSZAWA-OKECIE	5210N	02058E	106		1005.5	1018.5	10.4	2.2	9.8	.4	4	52	15	4	132	115
12385 SIEDLCE	5215N	02215E	155		999.8	1018.8	9.3		9.0		3	44		4	166	
12424 WROCLAW II	5106N	01653E	124		1003.8	1018.5	11.4	2.5	9.5	-3	4	34	-6	3	189	175

SURFACE

OCTOBER 2018

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.
12497 WLODAWA	5133N	02332E	179		997.4	1019.3	9.6		9.4		6	36		4	156	145
12566 KRAKOW	5005N	01948E	237		990.4	1019.6	10.4	2.1	9.9	.5	7	52	6	4		
HUNGARY																
12843 BUDAPEST/PESTSZENTLORINC	4726N	01911E	139		1003.2	1020.0	13.9	2.9	10.4	.4	5	19	-14	3	167	107
12882 DEBRECEN	4729N	02136E	109		1006.6	1019.7	13.2	2.9	9.8	-.1	5	10	-21	1		
12925 NAGYKANIZSA	4627N	01658E	141		1003.0	1020.0	11.8		11.1		2	30		3		
12942 PECS/POGANY	4600N	01814E	203		995.8	1020.0	14.1	2.8	10.1	.1	2	6	-31	1	198	120
12982 SZEGED	4615N	02006E	83		1010.0	1020.0	14.1	3.1	10.2	.4	3	11	-15	2	205	121
SERBIA AND MONTENEGRO																
13168 NOVI SAD RIMSKI SANCEVI	4520N	01951E	87		1009.6	1019.9	15.0		10.4		3	7		1	189	120
13274 BEOGRAD	4448N	02028E	132		1004.1	1019.8	16.3	3.9	11.1	.9	3	19	-21	2		
13388 NIS	4320N	02154E	202		996.6	1021.0	14.8		10.4		2	9		1	188	125
13463 PODGORICA-GRAD	4226N	01917E	50		1012.5	1018.3	18.9		12.9		7	117		2	184	90
SLOVENIA																
14008 KREDARICA	4623N	01351E	2515		751.9	3088 Z	1.8		5.5		12	270		4	126	85
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	299		984.1	1019.4	13.2		12.6		8	125		4	137	120
CROATIA																
14236 ZAGREB/GRIC	4549N	01559E	162		999.8	1019.1	14.8		12.1		6	66		3	101	75
14445 SPLIT/MARJAN	4331N	01626E	128		1001.9	1016.9	19.2		12.9		5	97		4	200	100
BOSNIA AND HERZEGOVINA																
14542 BANJA LUKA	4447N	01713E	156		1001.0	1019.7	13.7		12.0		7	28		1	188	140
14557 TUZLA	4433N	01842E	307		984.4	1020.3	15.4		11.9		6	28		1	197	160
14648 MOSTAR	4321N	01748E	108		1006.5	1018.2	18.4		14.1		6	187		4	191	110
14652 BJELASNICA	4343N	01816E	2070		796.9	1523 Y	4.2		7.5		9	142		3	142	100
14654 SARAJEVO-BJELAVE	4352N	01826E	638		947.0	1020.1	13.1	2.7	10.0	.7	18	48	-29	1	190	128
ROMANIA																
15023 SUCEAVA	4738N	02615E	352		977.0	1019.4	10.8		9.0		3	7		0	195	135
15085 BISTRITA	4709N	02431E	367		976.7	1020.7	11.2	3.2	9.8	.9	6	44	3	3	187	112
15090 IASI	4710N	02738E	104		1012.1	1021.3	12.1	2.1	9.9	.2	1	2	-23	0	214	138
15120 CLUJ-NAPOCA	4647N	02334E	414		971.7	1020.8	12.0	3.5	10.3	1.1	6	62	31	5	185	111
15247 TIMISOARA	4546N	02115E	88		1009.3	1019.8	13.9	2.9	10.0	-.3	3	8	-31	1	188	106
15260 SIBIU	4548N	02409E	444		968.2	1021.2	11.6	2.7	9.4	.2	1	7	-35	1	173	108
15280 VARFU OMU	4527N	02527E	2509		754.5	3107 Z	1.8	2.5	4.8	.1	5	30	-23	3		
15292 CARANSEBES	4525N	02215E	242		991.9	1020.9	13.3		10.1		6	27		2	168	105
15310 GALATI	4529N	02802E	71		1012.2	1020.7	14.1	3.0	10.2	-.1	1	3	-24	0	204	109
15350 BUZAU	4509N	02649E	97		1009.3	1021.2	14.1		10.0		1	3		1	233	140

SURFACE

OCTOBER 2018

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.
15360 SULINA	4510N	02944E	9		1018.5	1019.9	15.1	2.0	13.5	.7	2	6	-10	2	191	116
15420 BUCURESTI BANEASA	4430N	02608E	91		1009.6	1020.6	12.4	1.6	10.3	.0	3	15	-17	1	198	112
15450 CRAIOVA	4419N	02352E	195		997.7	1020.9	14.0	2.9	9.8	-.6	2	5	-31	1	218	127
15480 CONSTANTA	4413N	02839E	14		1018.5	1020.2	15.4	2.3	12.9	.4	3	9	-22	1	196	108
BULGARIA																
15502 VIDIN	4359N	02251E	595		1016.2	1020.1	12.1		10.3		01	1		1	204	135
15552 VARNA	4312N	02757E	43		1014.9	1019.7	15.7	2.3	12.8	.9	3	187	151	2	189	116
15614 SOFIA (OBSERV.)	4239N	02323E	595		951.2	1020.6	12.5	1.8	9.3	.3	01	1	-34	1	220	129
15730 KURDJALI	4139N	02523E	331		981.2	1020.1	14.0		14.0		2	24		2	187	105
ITALY																
16008 S. VALENTINO ALLA MUTA	4645N	01032E	1461		855.3	1513 Y	8.6		8.6		4	94	57	5		
16022 PAGANELLA	4609N	01102E	2129		788.3	1511 Y	5.0		6.6		8	244	171	6	164	
16052 PIAN ROSA	4554N	00742E	3488		666.1	3091 Z	-1.4		3.7		0	0		0	144	80
16061 BRIC DELLA CROCE	4502N	00743E	710		934.9		13.7		13.3		10	152	79	5	142	121
16088 BRESCIA/GHEDI	4525N	01017E	97		1005.7	1017.0	16.2		14.7		5	114	31	4		
16098 TREVISO/ISTRANA	4541N	01206E	42		1012.4	1017.0	17.0		14.8		6	135	54	4		
16110 TRIESTE	4539N	01345E	4		1016.6	1017.0	18.1		13.5		7	72	-14	3	157	94
16134 MONTE CIMONE	4411N	01042E	2173		784.3	1512 Y	5.5		7.2		11	53	-27	2	118	81
16148 CERVIA	4413N	01218E	10		1015.7	1017.0	15.1		14.0		9	66	11	4	141	
16153 CAPO MELE	4357N	00811E	221		989.7	1015.0	18.6		12.3		8	208	112	5	175	96
16158 PISA/S. GIUSTO	4341N	01023E	6		1015.1	1016.0	18.1		15.5		4	65	-55	2	178	101
16179 FRONTONE	4331N	01244E	574		949.6		14.2		12.8		8	106	-3	3		
16206 GROSSETO	4244N	01103E	7		1014.1	1015.0	17.6		15.9		9	71	-15	3		
16232 TERMOLI	4200N	01500E	44		1011.3	1017.0	19.8		17.7		7	78	33	5	169	100
16245 PRATICA DI MARE	4139N	01227E	21		1012.7	1015.0	19.5		18.5		0	0	-121	0		
16252 CAMPOBASSO	4134N	01439E	807		925.4		13.6		13.4		0	0	-57	0	170	106
16253 GRAZZANISE	4103N	01404E	10		1014.3	1016.0	19.7		18.0		10	220	103	5	182	95
16258 MONTE S. ANGELO	4142N	01557E	848		919.5		14.0		12.3		9	82	30	5		
16280 PONZA	4055N	01257E	185		992.6	1014.0	19.6		20.4		11	147	41	4	189	
16310 CAPO PALINURO	4001N	01516E	185		993.8	1015.0	21.2		19.9		0	0	-101	0	194	97
16325 MARINA DI GINOSA	4026N	01653E	12		1014.7	1016.0	19.7		18.4		2	57	-1	4		
16344 MONTE SCURO	3920N	01624E	1677		832.7	1507 Y	9.7		10.2		14	172	79	5	150	
16360 S. MARIA DI LEUCA	3949N	01821E	112		1003.6	1017.0	19.6		18.4		5	197	101	5	205	
16420 MESSINA	3812N	01533E	54		1009.0	1015.0	20.8		18.4		11	235	127	6	171	90
16429 TRAPANI BIRGI	3755N	01230E	9		1014.0	1015.0	20.1		19.3		9	63	3	4	169	80
16450 ENNA	3734N	01417E	1001		901.3	1493 Y			12.7		14	249		6		
16459 CATANIA SIGONELLA	3724N	01455E	29		1012.8	1016.0	21.9		25.0		11	223	149	5		
16480 COZZO SPADARO	3641N	01508E	51		1008.0	1013.8	21.1		21.1		11	283	205	6	176	
16522 CAPO CACCIA	4034N	00810E	204		989.7	1013.0	19.9		18.3		9	79		4	191	95
16546 DECIMOMANNU	3921N	00858E	24		1010.9	1014.0	18.4		18.2		11	208	154	6		
GREECE																

SURFACE

OCTOBER 2018

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.
16622 THESSALONIKI (AIRPORT)	4031N	02258E	8		1019.6	1019.6	18.0	1.9	12.0	-9	0	0	-40	1	200	121
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1016.7	1017.2	20.6	2.2	17.5	1.9	6	120	-28	3	175	93
16648 LARISSA (AIRPORT)	3938N	02225E	74		1011.1	1019.5	17.2	1.1	12.9	.4	3	9	-38	1	150	88
16716 ATHINAI (AIRPORT)	3754N	02344E	28		1013.6	1018.5	19.8	.5	14.6	.5	1	10	-37	2	214	103
16719 ZAKINTHOS AIRPORT	3747N	02054E	4		1016.9	1017.5	20.6	1.0	18.0	1.5	5	131	-15	3	222	100
16723 SAMOS (AIRPORT)	3742N	02655E	7		1015.2	1016.5	20.4	1.2	15.8	2.1	2	11	-17	2		
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1016.9	1017.5	19.6	.8	15.2	.1	4	19	-80	1	214	104
16746 SOUDA (AIRPORT)	3529N	02407E	151		999.6	1017.2	19.1	.1	18.1	2.9	2	39	-41	2	175	91
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1012.7	1017.3	20.7	.8	19.7	4.2	1	2	-66	1	216	110
TURKEY																
17022 ZONGULDAK	4127N	03148E	137		1002.8	1018.7	16.7	1.9	14.1	2.0	6	93	-46	0	140	85
17026 SINOP	4202N	03510E	32		1014.1	1017.8	19.3		1.8		10	97		0	110	70
17030 SAMSUN	4117N	03618E	4		1018.6	1019.0	18.5	2.9	14.4	.7	8	72	-12	0	132	100
17034 GIRESEN	4055N	03823E	37		1015.0	1019.5	18.6	2.7	14.8	.9	11	177	18	0		
17040 RIZE	4102N	04031E	9		1018.1	1018.4	18.7	3.3	18.1	3.9	9	179	-93	0	152	115
17045 ARTVIN	4111N	04149E	628		947.6	1017.8	16.2		10.9		6	58		0	181	130
17050 EDIRNE	4140N	02634E	51		1013.2	1019.3	16.1	2.3	12.5	1.2	3	40	-4	0	165	90
17056 TEKIRDAG	4059N	02733E	3		1019.4	1019.8	16.7		14.2		4	48		0	139	75
17064 ISTANBUL BOLGE (KARTAL)	4054N	02909E	99		1016.6	1018.7	17.9		14.4		6	38		0		
17069 ADAPAZARI	4067N	03025E	30		1014.8	1018.3	17.5		14.9		8	60		0	135	100
17070 BOLU	4044N	03136E	743		933.7	1019.3	12.3		11.1		10	47		0		
17074 KASTAMONU	4122N	03347E	800		927.1	1018.9	12.0	1.8	11.1	2.1	5	42	3	0	158	90
17080 CANKIRI	4036N	03337E	751		931.9	1018.4	13.5		10.1		5	39		0	237	120
17084 CORUM	4033N	03457E	776		929.0	1017.7	13.6	2.2	10.4	1.9	6	54	24	0	168	95
17086 TOKAT	4018N	03634E	608		947.8	1017.9	15.6		11.7		7	40		0	184	105
17088 GUMUSHANE	4028N	03928E	1219		884.4	1019.5	13.6		8.1		8	51		0	189	105
17090 SIVAS	3945N	03701E	1285		875.8	1019.3	12.3	1.9	8.5	.8	7	65	33	0	191	95
17092 ERZINCAN	3942N	03931E	1154		883.1	1017.5	14.4	2.9	8.2	-1	5	34	-7	0	183	90
17096 ERZURUM	3957N	04110E	1758		828.5	1019.2	9.4	1.4	7.4	.7	9	60	15	0	220	100
17098 KARS	4033N	04305E	1795		827.2	1020.5	8.7	2.0	6.6	.0	8	95	57	0	210	110
17099 AGRI	3944N	04303E	1632		840.4	1019.4	11.0		7.1		7	67		0	227	120
17112 CANAKKALE	4008N	02624E	6		1018.3	1019.0	17.3	1.7	1.4	-12.1	3	33	-14	0	169	80
17116 BURSA	4011N	02904E	100		1006.6	1018.4	16.8	1.8	14.2	2.0	5	80	22	0	73	40
17130 ANKARA/CENTRAL	3957N	03253E	891		917.1	1017.6	14.8	2.2	9.3	.9	5	55	29	0	185	85
17140 YOZGAT	3949N	03448E	1298		873.6	1017.6	12.2		8.7		6	44		0	204	100
17150 BALIKESIR	3937N	02755E	103		1007.0	1019.4	16.5	1.0	14.1	1.8	6	26	-12	0	183	95
17155 KUTAHYA	3925N	02958E	969		908.8	1018.2	13.1		11.1		9	79		0	179	120
17160 KIRSEHIR	3909N	03410E	1007		903.7	1016.5	14.4		9.6		9	41		0	231	105
17170 VAN	3827N	04319E	1669		837.4	1017.7	12.9	2.8	8.4	1.2	7	74	26	0	227	100
17188 USAK	3841N	02924E	919		913.0	1016.3	14.8	1.8	9.4	-2						
17190 AFYON	3845N	03032E	1034		901.2	1017.3	13.3	1.5	9.4	1.0	8	44	7	0	200	95
17193 NEVSEHIR	3837N	03442E	1260		878.9	1018.4	13.3		8.8		8	57		0	195	95
17199 MALATYA/BOLGE	3821N	03819E	948		910.8	1016.9	16.4		9.8		8	35		0	187	85
17202 ELAZIG	3836N	03917E	902		906.5	1016.5	16.7		9.2		8	34		0	209	95
17203 BINGOL	3852N	04030E	1177		890.9	1021.1	15.8		9.3		11	104		0	178	95

SURFACE

OCTOBER 2018

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.
17204 MUS	3844N	04131E	1320		872.5	1017.6	14.4		8.9		10	130		0	148	65
17210 SIIRT	3755N	04157E	896		916.4	1015.3	20.1	2.5	1.0	-7.7	7	134	82	0	187	85
17220 IZMIR/GUZELYALI	3826N	02710E	29		1013.7	1017.1	19.6	1.2	13.9	.4	2	42	2	0	244	105
17234 AYDIN	3751N	02751E	56		1009.6	1016.2	19.2		14.1		4	17		0	215	95
17237 DENIZLI	3747N	02905E	425		965.3	1014.1	17.8		11.0		6	45		0	226	105
17240 ISPARTA	3745N	03033E	997		905.3	1017.4	13.8	1.3	9.3	.6	8	32	-4	0	210	95
17244 KONYA	3758N	03233E	1032		902.0	1017.6	13.9	1.9	9.4	.8	5	52	21	0		
17250 NIGDE	3758N	03441E	1210		883.2	1017.4	13.6	2.1	8.4	.8	8	58	35	0	232	100
17255 KAHRAMANMARAS	3736N	03656E	572		950.6	1015.3	19.7	1.1	10.8	.0	9	109	61	0	164	75
17260 GAZIANTEP	3705N	03722E	705		919.6	1014.8	18.1		9.6		7	68		0	202	85
17265 ADIYAMAN	3745N	03817E	672		940.2	1015.5	20.4		10.2		7	74		0	133	55
17270 SANLIURFA	3708N	03846E	549		953.0	1014.9	21.6	1.9	10.7	.9	7	39	7	1	171	70
17280 DIYARBAKIR	3753N	04012E	687		939.5	1015.5	18.7	1.7	10.8	1.1	8	77	43	1	215	95
17282 BATMAN	3753N	04107E	545		946.5	1015.5	18.9		10.9		8	107		1	194	90
17285 HAKKARI	3734N	04346E	1728		831.4	1015.6	14.1	1.6	7.8	.5	9	161	91	0	183	90
17292 MUGLA	3713N	02822E	646		942.6	1016.4	16.0	.3	11.6	.9	8	121	50	0	127	55
17300 ANTALYA	3652N	03044E	64		1009.4	1014.8	22.6	2.9	12.8	-1.3	2	9	-61	0		
17340 MERSIN	3648N	03438E	3		1014.0	1014.8	23.6	3.5	13.8	-2.5	6	61	21	0	218	95
17351 ADANA/BOLGE	3659N	03521E	27		1011.8	1014.4	22.8		15.3		5	74		0	223	95
17370 ISKENDERUN	3635N	03610E	4		1014.4	1014.8	24.6		16.8		7	86		0	198	80
17375 FINIKE	3618N	03009E	2		1014.1	1014.3	22.3		13.9		2	9		0	268	110
CYPRUS																
17609 LARNACA AIRPORT	3453N	03338E	2		1014.4	1014.8	23.5	2.2	17.6		1	23	4		275	102
RUSSIAN FEDERATION (EUROPE)																
22113 MURMANSK	6858N	03303E	51		999.9	1006.3	1.5	.6	5.9	.3	11	40	-3	4		
22165 KANIN NOS	6839N	04318E	49		997.9	1003.9	3.8	2.4	6.9	1.0	20	48	-7	2	31	
22217 KANDALAKSHA	6709N	03221E	25		1005.0	1008.2	.5	-3	6.1	.3	7	24	-26	1	93	
22235 KRASNOSCEL'E	6721N	03703E	156		987.8	1007.4	.3		6.2		7	25			87	
22471 MEZEN'	6552N	04413E	19		1004.1	1006.5	2.8		6.8		21	84		5	70	
22520 KEM'-PORT	6459N	03448E	8		1008.0	1008.9	3.4		6.5		14	72		5	90	
22550 ARHANGEL'SK	6433N	04035E	4		1007.7	1008.7	3.5	2.0	7.3	1.0	13	66	7	4	60	
22619 PADANY	6316N	03325E	128		995.3	1011.0	4.3		7.3		10	42		2	79	
22641 ONEGA	6354N	03807E	13		1008.4	1010.0	4.1	1.7	7.5	1.0	14	80	12	4	87	
22676 SURA	6335N	04538E	62		1000.9	1008.6	2.4		6.8		18	109		5		
22768 SHENKURSK	6206N	04254E	45		1005.9	1011.0	3.7		7.2		13	65		4	75	
22802 SORTAVALA	6143N	03043E	19		1010.6	1012.9	4.9	.7	7.5	.2	10	60	-3	3	89	122
22820 PETROZAVODSK	6149N	03416E	110		999.1	1012.6	4.8	1.5	7.8	1.0	10	42	-12	2	84	129
22837 VYTEGRA	6101N	03627E	56		1006.1	1013.0	5.2	1.5	7.6	.6	10	61	-19	2	81	131
26063 ST.PETERSBURG (VOEJKOVO)	5958N	03018E	6		1014.4		7.3	1.6	8.4	.5	9	25	-42	1	71	101
26157 GDOV	5844N	02750E	40		1010.1	1015.1	6.8		9.2		12	64				
26275 STARAYA RUSSA	5801N	03119E	25		1013.0	1016.0	6.5		8.3		11	43			112	170
26781 SMOLENSK	5445N	03204E	239		989.8	1018.9	6.4	1.5	8.2	.5	11	46	-6		127	140
26997 TRUBCHEVSK	5235N	03346E	178		998.4	1020.2	7.6		8.6		6	20		1		

SURFACE

OCTOBER 2018

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.
27037 VOLOGDA	5919N	03955E	130		999.2	1015.3	4.7	1.7	7.2	.4	9	68	18	4	96	155
27051 TOT'MA	5953N	04245E	134		996.6	1013.2	4.1	2.0	7.0	.6	14	92	32	5	82	149
27333 KOSTROMA	5744N	04047E	126		1000.4	1016.0	5.6	2.1	7.6	.6	10	49	-10	2	108	166
27459 NIZHNIJ NOVGOROD	5616N	04400E	157		997.6	1016.9	6.2		7.7		8	46		3	144	180
27595 KAZAN'	5536N	04917E	116		1003.0	1017.6	6.2	2.6	7.4	.9	7	45	-3	3	86	102
27612 MOSKVA	5550N	03737E	156		999.1	1018.2	7.3	2.2	8.0	.7	9	56	-3			
27648 ELAT'MA	5457N	04146E	136		1002.0	1018.7	6.4	2.2	7.7	.5	10	65	13	4	128	141
27675 PORETSKOE	5511N	04620E	136		1001.3	1018.1	6.1		7.3		9	40		3	126	155
27707 SUHINICHI	5406N	03521E	238		990.6	1019.5	6.7		8.0		9	47				
27823 PAVELETS	5347N	03915E	209		993.9	1019.5	6.8	2.3	7.5	.3	10	34	-8	2	143	138
27857 ZAMETCHINO	5329N	04238E	131		1003.7	1019.8	6.7		8.2		9	24		1	124	125
27995 SAMARA (BEZENCHUK)	5259N	04926E	46		1014.3	1020.3	7.9		7.7		6	24		1	153	230
34110 BOGORODITSKOE-FENINO	5110N	03721E	226		993.1	1020.5	8.9		8.7		8	36		2	168	
34123 VORONEZ	5142N	03913E	149		1002.0	1020.0	9.4		8.5		8	37		2		
34152 BALASHOV	5133N	04309E	159		1001.4	1020.8	8.2		9.0		9	33		3		
34163 OKTJABR'SKIJ GORODOK	5138N	04527E	201		996.4	1021.0	7.6		8.6		6	53		5	127	103
34186 ERSHOV	5122N	04818E	111		1007.3	1021.0	8.5		7.6		6	16		2	176	130
34579 VERHNIJ BASKUNCHAK	4813N	04644E	34		1017.8	1022.2	10.8		8.5		3	8		1		
34720 TAGANROG	4712N	03854E	32		1016.7	1020.6	13.5		9.8		5	28			209	60
34740 GIGANT	4631N	04121E	79		1011.6	1021.0	13.0		10.6		5	66		3	221	130
34866 YASHKUL'	4611N	04521E	-7		1022.7	1021.9	12.8	3.4			3	25	10			
34880 ASTRAHAN'	4617N	04759E	-21		1024.7	1022.1	12.6	3.4	10.0	1.5	2	23	6	4		
34949 STAVROPOL'	4507N	04205E	452		967.8	1021.1	12.4		9.2		4	41			245	
37001 ANAPA	4453N	03717E	32		1015.3	1019.2	16.4		12.3		4	14		1	185	95
37061 BUDENNOVSK	4447N	04408E	136		1005.3	1021.7	13.6		10.0		2	8			228	
37107 KRASNAYA POLYANA	4341N	04012E	569		953.8	1019.8	13.0		11.9		8	209		4	194	120
37126 SHADZHATMAZ	4344N	04240E	2056		798.4	1538 Y	7.3		5.6		4	18			231	70
37228 VLADIKAVKAZ	4303N	04439E	703		936.5	1017.7	12.2		9.0		3	54			194	
37470 DERBENT	4204N	04818E	-18		1023.0	1020.9	17.3		13.9		2	14		1	173	130
37472 MAHACHKALA	4250N	04733E	32		1023.1	1020.9	15.5	2.2	13.0	1.2	3	8	-35	1	215	142
37663 AHTY	4128N	04745E	1015		905.0	1522 Y	12.3		8.5		2	30		3	216	110
ARMENIA																
37682 AMASIA	4047N	04350E	1876		817.8	1558 Y	8.4		10.0		8	75		4	221	105
37717 SEVAN OZERO	4034N	04500E	1917		813.2	1544 Y	9.7		8.8		4	21		1	218	100
37781 ARAGAC H/M	4029N	04411E	3223		692.9	3134 Z	1.4		6.1		9	52		2	188	95
37789 YEREVAN/YEREVAN-ARABKIR	4008N	04428E	1140		894.5	1495 Y	15.9	2.7	11.8	2.6	3	32	6	4	230	108
AZERBAIJAN																
37661 SHAKI	4113N	04710E	641		947.7	1022.4	15.0	2.5	12.1	1.5	5	54	-45			
37735 GANDJA	4043N	04625E	311		942.7	1021.2	16.5	2.7	12.9	2.1	3	14	-18		171	
37747 EVLAKH AIRPORT	4037N	04709E	15		1019.3	1021.1	17.6	2.5	13.2	1.1	3	21	-28		101	62
37860 MASHTAGA	4032N	05000E	28		1019.1	1022.4	17.9	3.5	15.1	1.3	5	0	-27		160	111
37936 NAXCIVAN	3912N	04525E	885		920.0	1020.0	15.7	1.6	12.7	6.1	4	27	1			
37989 ASTARA	3827N	04853E	-22		1023.8	1021.2	18.6	3.2	17.1	2.1	8	194	-94		151	119

SURFACE

OCTOBER 2018

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUINTILE	TOTAL	% of AV.
BELARUS																
26554 VERHNEVDVINSK	5549N	02757E	132		1000.9	1017.1	7.2		8.8		12	46		3	138	
26666 VITEBSK	5510N	03013E	176		996.7	1018.1	7.6	2.0	8.6	.7	11	54	6	3		
26825 GRODNO	5336N	02403E	134		999.5	1017.6	8.6		9.2		7	39		4		
26850 MINSK	5356N	02738E	231		991.5	1019.0	8.2	1.9	8.8	.6	8	46	-3	3	160	162
26863 MOGILEV	5357N	03004E	192		995.3	1018.8	7.2	1.4	8.5	.5	10	33	-12	2		
26941 BARANOVICHI	5307N	02600E	193		995.2	1018.7	8.4		8.7		7	50		4		
26951 SLUTSK	5302N	02733E	162		999.4	1019.2	8.3		9.1		8	36		3		
33008 BREST	5207N	02341E	146		1001.5	1019.2	9.8	1.9	9.3	.4	7	34	-8	3	163	143
33019 PINSK	5207N	02607E	142		1002.0	1019.3	9.5		9.5		7	49		3	173	155
33036 MOZYR	5157N	02910E	190		996.9	1019.9	9.4		9.1		8	29		2		
33038 VASILEVICHI	5215N	02950E	142		1002.8	1020.2	8.0	1.2	8.4	.2	7	24	-16	1	166	147
33041 GOMEL	5224N	03057E	126		1004.4	1019.9	8.6	2.0	8.9	.8	6	18	-25	1	179	156
ESTONIA																
26038 TALLINN	5923N	02435E	34		1009.4	1013.5	7.6	1.3	9.1	.8	16	93	23	4	108	117
26214 VILSANDI	5823N	02149E	6		1012.6	1013.3	9.8	1.4	10.5	1.3	10	69	2	4	112	111
26242 TARTU	5818N	02644E	68		1006.1	1014.8	7.2	1.5	9.1	1.0	13	78	25	5	96	112
GEORGIA																
37279 ZUGDIDI	4231N	04153E	118		1004.9	1024.3	16.9				9	58				
37395 KUTAISI	4216N	04238E	114		1005.5	1019.0	18.8		15.0		7	48				
37545 TBILISI	4145N	04446E	427		971.2	1020.6	15.9		12.5		1	8				
37621 BOLNISI	4127N	04433E	534		958.9	1021.1	15.2		10.9		10	12				
LATVIA																
26346 ALUKSNE	5726N	02702E	193		991.5	1015.1	6.5		8.7		11	59				
26424 DOBELE	5637N	02319E	44		1017.1	1011.8	8.3		9.3							
26544 DAUGAVPILS	5552N	02637E	122		1004.9	1017.2	7.1	1.0	8.6	.3	12	52	0		140	156
LITHUANIA																
26509 KLAIPEDA	5544N	02104E	7		1014.7	1015.6	10.6	1.6	10.3	.6	13	122	42		147	147
26524 SIAULIAI	5556N	02319E	107		1003.1	1016.1	8.9	1.9	9.4	.7	10	45	-8		146	146
26531 BIRZAI	5612N	02446E	62		1008.5	1016.1	7.7	1.0	9.0	.5	10	56	1		146	
26629 KAUNAS	5453N	02350E	77		1007.6	1017.1	8.1	1.0	9.2	.3	8	37	-8		160	162
26730 VILNIUS	5438N	02506E	162		998.7	1017.7	8.1	1.5	8.8	.4	10	41	-12		154	164
REPUBLIC OF MOLDOVA																
33748 CORNESTI	4720N	02805E	232		992.4	1020.2	13.6		10.1		1	3		2		
33815 CHISINAU	4701N	02859E	173		999.7	1020.1	13.3	3.1	8.8	-.3	1	2	-25	1	223	132
33829 TIRASPOL	4654N	02936E	40		1015.9	1020.8	12.8		9.6		1	3		1	238	140

SURFACE

OCTOBER 2018

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.
33883 KOMRAT	4618N	02838E	133		1004.0	1020.4	13.6		9.1		1	5		1		
UKRAINE																
33177 VOLODYMYR-VOLYNS'KYI	5050N	02419E	194		996.3	1019.9	9.7		9.3		9	39		4		
33213 OVRUCH	5119N	02847E	170		999.3	1020.0	9.2	2.1	9.3		6	31	-8	3		
33275 SUMY	5051N	03440E	181		998.4	1020.6	9.3	2.7	9.2		6	31	-7	3		
33301 RIVNE	5035N	02608E	231		991.9	1019.8	10.0	2.3	9.0		6	24	-14	2		
33317 SHEPETIVKA	5010N	02702E	278		986.7	1020.1	9.8		9.2		6	33		3	195	105
33345 KIEV	5024N	03034E	167		1000.0	1020.3	10.7	2.6	9.6	.9	6	18	-17	2		
33377 LUBNY	5000N	03301E	158		1001.4	1020.5	10.4	2.9	9.6		5	25	-12	2		
33393 L'VIV	4949N	02357E	323		981.2	1019.9	10.2	2.2	10.0	1.2	9	66	19	4	171	116
33415 TERNOPIL'	4932N	02540E	329		980.9	1020.3	9.6	2.2	9.1		7	31	-2	3		
33429 KHMEL'NYTS'KYI	4926N	02659E	350		978.6	1020.4	10.2	2.6	9.5		5	43	13	5		
33506 POLTAVA	4936N	03433E	160		1001.1	1020.5	11.1	3.5	9.5	1.3	3	18	-24	2	190	132
33526 IVANO-FRANKIVS'K	4858N	02424E	280		986.8	1020.5	9.7	1.6	9.6		6	22	-14			
33562 VINNYTSIA	4914N	02836E	298		984.8	1020.6	10.0	2.4	9.5	1.0	5	31	-2	3	190	144
33587 UMAN'	4846N	03014E	216		994.9	1020.9	10.1	2.5	9.6	1.0	2	14	-19	0		
33631 UZHGOROD	4838N	02216E	124		1005.5	1019.9	12.3	2.1	9.8	.5	6	30	-20	3	192	127
33658 CHERNIVTSI	4822N	02554E	246		990.9	1020.4	11.4	2.8	9.4	.6	3	17	-16	2	195	138
33711 KIROVOHRAD	4831N	03212E	171		1000.0	1020.7	10.9	2.8	9.5		3	12	-15	2		
33761 LIUBASHIVKA	4751N	03016E	183		1001.8	1020.6	11.5	2.7	9.4		1	6	-22	1		
33777 VOZNESENS'K	4734N	03120E	34		1016.5	1020.6	12.4		10.2		1	6		1		
33791 KRYVYI RIH	4802N	03313E	124		1005.4	1020.3	12.1	3.3	9.7		3	14	-15	3	203	135
33837 ODESA	4626N	03046E	42		1015.5	1020.6	14.0	2.8	11.3	1.1	1	5	-21		213	126
33889 IZMAIL	4522N	02851E	30		1016.7	1020.3	13.8	2.8	10.6	.5	1	7	-18	1	235	125
33902 KHERSON	4638N	03234E	54		1013.9	1020.4	13.5	3.7	10.4		3	10	-18	2	233	130
33915 ASKANIYA-NOVA	4627N	03353E	30		1016.4	1020.0	13.0	3.3	9.5	.3	5	18	-8	3	251	140
34300 KHARKIV	4958N	03608E	155		1001.9	1020.8	10.5	3.2	9.1	1.0	5	20	-15	2	192	155
34415 IZIUM	4911N	03718E	78		1011.3	1020.9	10.0		9.4		4	35		4		
34504 DNIPROPETROVS'K	4836N	03458E	143		1002.8	1020.4	11.6	3.1	9.8		4	23	-9	3	215	155
34607 PRYSHYB	4716N	03520E	88		1009.9	1020.6	12.0		9.8		3	21		3		
34712 MARIUPOL'	4702N	03730E	70		1011.9	1020.3	13.3		11.7		4	24		4		
ISRAEL																
40153 HAR-KNAAN (ZEFAT)	3258N	03530E	934		910.4	1522 Y	18.6		13.3		3	52		5		
40179 BET DAGAN	3200N	03449E	35		1010.5	1014.2	24.7	3.3	18.5		2	14	-13	3	211	76
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1009.7	1014.5	25.0		17.9		1	14		3		
40199 EILAT	2933N	03457E	12		1010.5	1012.9	28.5	1.9	16.8		2	7	4	5		
JORDAN																
40250 H-4 'IRWAISHED'	3230N	03812E	683		937.3		23.1				0	0		1	225	80
40265 MAFRAQ	3222N	03615E	683		938.7	1015.6	21.4		15.0		1	5		4	180	65
40296 GHOR SAFI	3102N	03528E	-350		1059.1		30.0				1	2			255	100
40310 MA'AN	3010N	03547E	1069		895.5	1516 Y	21.0	1.5	12.8	3.2	1	13	10	5	244	84

SURFACE

OCTOBER 2018

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.
ASIA																
RUSSIAN FEDERATION (ASIA)																
20046 POLARGMO IM. E.T. KRENKELJA	8037N	05803E	22		1002.3	1005.2	-2.8	9.1	4.4	1.9	8	17	-8	0		
20069 OSTROV VIZE	7930N	07659E	10		1003.6	1005.5	-2.8	9.4	4.8	2.3	7	27	5	5	6	
20087 OSTROV GOLOMJANNYJ	7933N	09037E	8		1004.8	1005.8	-3.2		4.3		2	9		1	2	
20292 GMO IM.E.K. FEDOROVA	7743N	10410E	15		1004.0	1005.7	-3.7	9.4	4.9	2.7	6	14	-10		8	
20476 MYS STERLEGOVA	7525N	08854E	11		1004.2	1005.5	-4.6		4.3		17	49				
20667 IM. M.V. POPOVA	7320N	07003E	7		1001.6	1002.3	-1.5		5.1		14	47			15	
20674 OSTROV DIKSON	7330N	08024E	47		997.1	1003.3	-2.2	6.1	.5	-2.7	8	31	1	3	33	
20744 MALYE KARMAKULY	7222N	05242E	15		999.6	1001.4	.0	2.9	5.6	1.3	15	48	6		45	
20891 HATANGA	7159N	10220E	33		1004.2	1008.4	-4.2	8.1	4.3	1.9	10	23	-4	2	54	
21432 OSTROV KOTEL'NYJ	7600N	13750E	8		1005.1	1007.0	-3.2	9.3	4.4	1.9	11	38	22		4	
21802 SASKYLAH	7158N	11400E	18		1008.1	1010.3	-4.7		4.1		8	46				
21908 DZALINDA	7008N	11350E	62		1003.7	1011.8	-4.9		3.9		9	13			34	
21921 KJUSJUR	7041N	12720E	33		1009.3	1013.4	-4.8		3.6		9	42				
21931 JUBILEJNAJA	7046N	13610E	24		1010.3	1013.5	-5.0		.4		7	22				
21946 CHOKURDAH	7037N	14750E	61		1006.3	1014.2	-6.2	6.6	3.6	1.1	2	13	-11			
21982 OSTROV VRANGELJA	7059N	17820E	5		1011.1	1013.8	-6	7.5	5.2	2.3	2	4	-10		48	
23022 AMDERMA	6945N	06142E	49		994.9	1001.2	-4		5.7		19	65			37	
23032 MARESALE	6943N	06648E	25		998.3	1001.5	-3		6.0		14	56			32	
23058 ANTIPAJUTA	6905N	07651E	3		1003.0	1003.4	-4.4		5.8		10	50				
23078 NORIL'SK	6934N	08826E	60		998.2	1006.3	-3		4.8		15	49		4	22	
23205 NAR'JAN-MAR	6738N	05302E	12		1002.3	1003.6	-6	2.7	5.8	.8	15	47	4	3	50	
23242 NOVYJ PORT	6741N	07253E	12		1002.1	1003.6	-1.6		5.4		4	12			38	
23256 TAZOVSKOE	6728N	07844E	8		1001.3	1004.8	-1.0		5.4		12	55			48	
23274 IGARKA	6728N	08634E	31		1003.3	1006.8	.1		5.8		20	129		5	23	
23324 PETRUN'	6626N	06046E	62		996.7	1004.4	-1		5.7		14	75		5	50	
23330 SALEHARD	6632N	06640E	16		1001.6	1003.7	-1	4.8	5.1	1.1	12	76	37		52	
23383 AGATA	6653N	09328E	278		976.0	1010.4	.5		5.2		12	81		5		
23405 UST'-CIL'MA	6526N	05216E	68		996.1	1006.0	1.2	2.6	6.4	1.3	16	102	43	5	30	
23445 NADYM	6528N	07240E	19		1002.5	1004.7	-2.3		5.5		11	55				
23472 TURUHANSK	6547N	08756E	38		1003.1	1008.4	1.6	7.8	6.0	2.3	20	110	45	6	17	
23552 TARKO-SALE	6455N	07749E	27		1003.1	1006.5	.7	6.3	6.0	2.1	12	52	4	0	23	
23631 BEREZOVO	6356N	06503E	32		1001.2	1005.3	.3	3.2	5.8	1.3	16	95	47	6	62	
23662 TOL'KA	6359N	08205E	33		1003.7	1007.9	1.3		6.0		20	108			35	
23678 VERHNEIMBASK	6309N	08757E	46		1005.3	1010.9	2.6		6.2		16	116		5		
23711 TROICKO-PECHERSKOE	6242N	05612E	139		990.7	1007.5	1.6	2.8	6.2	1.0	19	106	39	5	20	
23724 NJAKSIMVOL'	6226N	06052E	51		1003.3	1006.6	-3	1.5	5.9	1.2	10	70	20		71	
23734 OKTJABR'SKOE	6227N	06603E	72		997.1	1006.1	-1		5.6		16	104			46	
23867 LAR' YAK	6106N	08015E	57		1002.7	1009.5	3.1		6.3		17	86			52	
23884 BOR	6136N	09001E	58		1006.4	1013.7	3.5	6.5	6.3	2.0	12	56	-3	3	45	82
23891 BAJKIT	6140N	09622E	262		986.1	1017.1	.6	6.1	5.5	1.8	15	44	-6	3	53	80

SURFACE

OCTOBER 2018

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.
23914 CHERDYN'	6024N	05631E	207		984.6	1010.1	2.2	2.5	6.7	1.3	24	171	99	5	19	37
23921 IVDEL'	6041N	06027E	95		996.7	1008.4	2.6	3.3	5.6	.7	9	31	-10	2	60	67
23933 HANTY-MANSIJSK	6101N	06902E	46		1001.8	1007.3	2.2	3.6	6.1	1.1	14	72	21		62	78
23955 ALEKSANDROVSKOE	6026N	07752E	48		1003.7	1009.7	3.1	4.9	6.5	1.7	17	58	16		55	76
23966 VANZIL'-KYNAC	6021N	08405E	99		999.5	1012.1	3.1		6.6		17	120			61	125
23986 SEVERO-ENISEJSK	6023N	09320E	519		954.6	1016.8	1.8		5.4		12	44		0		
24125 OLENEK	6830N	11220E	220		985.2	1012.8	-2.9	8.7	4.6	2.1	4	11	-17			
24136 SUHANA	6837N	11820E	77		1004.4	1014.3	-3.9		4.2		10	24			38	
24143 DZARDZAN	6844N	12400E	39		1010.1	1015.0	-5.3	6.4	4.1	1.6	10	23	-17			
24266 VERHOJANSK	6733N	13320E	137		998.9	1016.7	-8.5	6.4	2.9	1.0	3	10	-3		81	
24329 SHELAGONTSY	6615N	11410E	236		985.5	1015.5	-2.6	8.8	4.6	2.0	1	18	-4		58	
24343 ZHIGANSK	6646N	12320E	92		1004.5	1016.4	-4.5	6.1	4.3	1.7	15	47	15		18	
24382 UST'-MOMA	6627N	14310E	196		992.2	1017.8	-11.0		2.4		5	19			120	
24507 TURA	6416N	10010E	168		990.9	1014.7	.7	8.0	5.1	1.9	9	44	14	5	59	
24606 KISLOKAN	6335N	10350E	211		989.5	1015.8	.0		5.0		11	41		5	80	
24641 VILJUJSK	6346N	12130E	111		1003.5	1017.6	-1.1	6.8	4.7	1.8	5	11	-13		52	
24661 SEGEN-KYUEL'	6400N	13010E	208		991.9	1018.7	-6.4		3.0		6	14				
24671 TOMPO	6357N	13550E	402		968.5	1020.0	-9.2		2.7		8	17			72	
24688 OJMJAKON	6315N	14300E	741		926.8	1020.1	-11.1	5.0	2.3	.4	2	9	-7		67	
24713 NAKANNO	6253N	10820E	246		986.3	1017.1	-2		5.1		5	17			60	
24738 SUNTAR	6209N	11730E	133		1001.0	1018.3	.1	6.4	5.1	1.9	7	19	0		106	
24790 SUSUMAN	6247N	14810E	655		936.1	1019.5	-12.6		2.5		7	27			127	
24817 ERBOGACEN	6116N	10800E	291		983.5	1018.5	1.0	6.9	5.2	1.8	9	29	0		86	100
24908 VANAVARA	6020N	10210E	260		986.7	1019.1	1.3	6.5	5.5	1.8	6	26	-8	2	106	123
24959 JAKUTSK	6201N	12940E	101		1005.8	1018.8	-4.0	4.5	4.1	1.3	4	13	-6		59	
24966 UST'-MAJYA	6023N	13420E	170		996.2	1017.7	-3.7	4.1	3.8	.8	5	20	-9		78	82
24967 TEGYULTYA	6028N	13000E	171		998.3	1020.3	-4.5		3.9		5	21				
25062 MYS BILLINGSA	6953N	17540E	3		1013.6	1014.0	-4.1		4.5		2	8				
25138 OSTROVNOE	6807N	16410E	94		1002.3	1014.6	-7.2		3.6		6	18			46	
25206 SREDNE-KOLYMSK	6727N	15340E	21		1011.0	1015.0	-7.2		3.4		4	30				
25248 ILIRNEJ	6715N	16750E	353		949.8	1014.9	-7.7	6.9	3.7	1.7	6	13	-1			
25282 MYS VANKAREM	6750N	17050W	5		1010.1	1010.7	1.0		5.7		3	13				
25356 EN' MUVEEM	6623N	17320E	77		1001.8	1011.8	-4.5		4.0		8	27				
25378 EGVEKINOT	6621N	17900W	26		1006.5	1009.3	1.7		4.8		8	45				
25399 MYS ULEN	6610N	16950W	3		1004.9	1005.8	3.7	6.0	6.9	2.3	6	26	-25		43	
25400 ZYRYANKA	6544N	15050E	43		1010.4	1016.1	-8.9	2.2	3.0	.5	7	45	25		65	
25428 OMOLON	6514N	16030E	264		980.8	1014.0	-6.4		3.5		5	21			74	
25503 KORKODON	6445N	15350E	98		1003.0	1015.8	-7.6		3.2		7	25			72	
25551 MARKOVO	6441N	17020E	26		1007.6	1010.7	-3.6	5.5	4.7	1.9	11	39	4		110	
25563 ANADYR'	6447N	17730E	61		1000.7	1008.3	-6	5.7	5.6	2.1	9	40	19		92	
25705 SREDNIKAN	6227N	15210E	260		982.9	1016.5	-8.1		3.2		13	59			51	
25745 KAMENSKOE	6228N	16612E	40		1005.0	1010.1	-1.4		4.6		11	42			39	
25927 BROHOVO	5939N	15410E	5		1009.5	1010.2	1.8		5.7		12	84		0	118	
28009 KIRS	5922N	05213E	169		991.6	1012.4	3.5		7.0		16	74		4		
28064 LEUSI	5937N	06543E	72		999.8	1008.4	3.1	3.4	6.2	1.1	14	48	9	4	51	56
28138 BISER	5831N	05851E	463		955.6	1012.0	1.3	2.7	6.2	1.2	20	106	25	4	23	35

SURFACE

OCTOBER 2018

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.
28224 PERM'	5801N	05618E	171		992.2	1013.3	3.9		6.6		14	77			30	50
28275 TOBOL'SK	5809N	06815E	50		1004.5	1010.5	3.7	3.3	6.0	.7	14	52	11	5	71	77
28418 SARAPUL	5628N	05344E	133		999.4	1015.8	4.9		7.0		12	65		4	88	115
28434 KRASNOUFIMSK	5639N	05747E	206		989.4	1014.7	4.4	3.0	6.9	1.2	12	33	-18	1	45	66
28493 TARA	5654N	07423E	73		1004.1	1013.1	4.2	3.5	5.8	.6	9	46	9	4	99	106
28552 SADRINSK	5604N	06339E	89		1002.9	1014.0	5.2	3.0	5.9	.3	6	21	-15	2	118	109
28573 ISHIM	5606N	06926E	82		1003.3	1013.5	4.3		6.1		8	37			110	
28666 MAKUSINO	5515N	06718E	140		997.0	1014.2	4.5		6.0		8	30		3	110	95
28698 OMSK	5501N	07323E	122		1000.2	1015.3	4.9	3.2	6.0	.6	5	41	8		116	110
28704 CULPANOVO	5430N	05025E	78		1008.8	1018.3	6.0		6.9		7	59		4	136	150
28722 UFA-DIOMA	5443N	05550E	104		1004.7	1017.6	5.7	2.5	6.6	.4	11	45	-15		78	95
28748 TROIZK	5405N	06137E	192		992.9	1016.5	5.6		5.8		5	22		3	140	
29111 SREDNY VASJUGAN	5913N	07814E	69		1002.7	1011.3	3.4		6.2		13	58			48	
29231 KOLPASEVO	5819N	08257E	75		1004.7	1014.2	4.1	4.7	6.3	1.3	14	78	32		84	106
29263 ENISEJSK	5827N	09209E	79		1008.2	1018.5	4.6	5.5	6.2	1.6	9	32	-13	2	106	141
29282 BOGUCANY	5823N	09727E	133		1003.5	1020.1	4.5	5.7	6.1	1.8	5	17	-7	2	89	113
29313 PUDINO	5732N	07922E	97		1002.0	1014.0	3.6		5.9		12	59			88	
29328 BAKCHAR	5705N	08155E	110		1001.9	1015.5	4.5		6.1		10	52			71	
29379 TASEEVO	5712N	09433E	168		1000.4	1021.3	3.3		6.1		9	21				
29571 MININO	5606N	09273E	234		992.0	1021.0	4.8		6.2		4	11		1	145	150
29594 TAJSHET	5557N	09800E	307		984.3	1022.2	4.1		5.9		5	25			125	
29612 BARABINSK	5520N	07822E	120		1001.5	1016.3	4.4	3.3	5.9	.5	6	43	8		110	111
29645 KEMEROVO CGMS	5515N	08613E	148		1001.8	1020.1	5.0		5.8		7	28			141	
29752 NENASTNAYA	5445N	08849E	1183		882.3		1.0		4.6		15	167		2	141	160
29789 VERHNJAJA GUTARA	5413N	09658E	984		906.7	1023.4	.9		5.0		3	22			113	
29866 MINUSINSK	5342N	09142E	254		991.7	1023.1	4.1	2.4	6.4	1.2	4	19	-7	2	142	135
29939 BIJSK ZONAL'NAYA	5241N	08457E	228		994.7	1022.5	5.0		5.7		7	53		4		
30054 VITIM	5927N	11230E	190		997.0	1020.7	1.2	5.2	5.4	1.5	9	25	-11		81	114
30089 DZHIKIMDA	5901N	12140E	175		998.1	1020.4	-9		4.8		7	22				
30230 KIRENSK	5746N	10800E	259		989.6	1022.0	.7	3.8	5.2	1.3	5	21	-4		110	124
30252 MAMAKAN	5749N	11410E	249		991.3	1022.3	.2		5.1		8	24			75	
30309 BRATSK	5617N	10140E	416		971.3	1022.1	4.2	4.6	6.0	1.3	3	10	-12		139	130
30372 CHARA	5654N	11810E	711		934.6	1021.6	-2.3	4.7	4.3	1.5	2	18	2	4	126	85
30385 UST'-NJUKZHA	5635N	12120E	426		965.8	1020.4	-9		4.3		3	15			118	135
30433 NIZHNEANGARSK	5547N	10930E	487		963.0	1021.6	2.2	3.2	5.1	1.5	7	31	8	4	140	107
30521 ZHIGALOVO	5448N	10510E	426		971.6	1023.5	.6	3.3	4.7	.6	4	11	-5		140	117
30554 BAGDARIN	5428N	11330E	903		911.9	1020.0	-7	4.5	3.9	1.1	01	1	-8	1	178	99
30612 BALAGANSK	5400N	10300E	427		970.8	1023.0	3.2		5.9		3	10			135	
30636 BARGUZIN	5337N	10930E	489		961.3	1021.0	2.0		5.6		3	11		1	139	90
30650 ROMANOVKA	5312N	11240E	923		910.4	1019.8	.7		4.1		2	7		3		
30673 MOGOCHA	5345N	11940E	625		942.6	1018.2	.5	4.7	4.1	1.0	6	18	4	4	198	109
30710 IRKUTSK	5216N	10410E	469		965.8	1022.8	4.6	3.7	5.9	1.0	5	37	8		179	118
30758 CHITA	5205N	11320E	671		938.5	1019.2	2.4	4.1	4.3	.8	2	5	-5	2	208	109
30777 SRETENSK	5214N	11740E	525		954.1	1018.2	2.2		4.4		3	12		4	195	100
30844 HILOK	5121N	11020E	802		925.4	1021.6	1.1		4.4		2	8		2		
30879 NERCHINSKIJ ZAVOD	5119N	11930E	619		942.7	1017.2	2.5	3.4	4.3	.7	5	17	4	4	198	140

SURFACE

OCTOBER 2018

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.
30925 KJAHTA	5022N	10620E	797		927.4	1022.2	3.7		5.1		5	22		4	204	107
30935 KRASNYY CHIKOJ	5022N	10840E	771		930.2	1023.0	1.0		4.8		3	16		4	168	120
30949 KYRA	4934N	11150E	908		913.1	1020.8	2.1	2.2	3.9	.2	2	17	7	4	230	104
30965 BORZYA	5024N	11630E	676		937.3	1018.8	1.6	2.3	3.9	.2	5	11	4	4	247	109
31004 ALDAN	5837N	12520E	679		936.5	1019.6	-2.5	4.2	4.3	1.3	14	75	14		59	63
31088 OHOTSK	5922N	14310E	6		1011.5	1012.2	.2	2.4	3.9	.1	4	21	-30	1	204	130
31137 TOKO	5617N	13100E	850		915.2	1018.0	-3.3		4.1		6	39				
31152 NEL' KAN	5739N	13600E	318		977.0	1017.0	-2.4		3.9		6	24			46	
31168 AYAN	5627N	13800E	8		1012.7	1013.7	3.1	2.9	4.9	1.0	5	43	-33		134	89
31174 BOL'SHOJ SHANTAR	5450N	13730E	21		1012.0	1013.1	3.7		6.0		9	123			149	105
31253 BOMNAK	5443N	12850E	357		970.1	1014.7	2.4	5.5	4.7	1.3	11	93	57	6	147	95
31329 EKIMCHAN	5304N	13250E	542		948.7	1014.2	1.4	4.8	5.3	1.5	10	39	1	3	122	89
31369 NIKOLAEVSK-NA-AMURE	5309N	14040E	68		1006.0	1011.7	4.4	2.9	6.4	1.0	11	66	-13			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1003.5	1012.0	4.2	3.6	5.7	1.1	9	104	64		163	98
31439 BOGORODSKOE	5223N	14020E	35		1007.6	1011.9	5.1		6.4		7	22				
31478 SOFIJSKIJ PRIISK	5216N	13350E	902		906.8	1013.9	-.3		4.5		9	48		6		
31707 EKATERINO-NIKOL'SKOE	4744N	13050E	73		1005.1	1014.0	6.9	3.0	6.1	.8	3	11	-21		221	111
31770 SOVETSKAYA GAVAN'	5100N	13950E	238		1009.1	1012.0	7.9		7.5		11	95			184	115
31873 DAL'NERECHENSK	4552N	13340E	101		1002.8	1015.2	7.7		6.3		6	33				
31960 VLADIVOSTOK	4307N	13150E	183		993.3	1016.0	10.4	2.2	8.3	.2	8	131	63		233	114
31961 TIMIRYAZEVSKIJ	4353N	13150E	37		1012.1	1016.6	8.6		7.5		7	100		5	215	110
31989 PREOBRAZHENIE	4254N	13350E	43		1010.4	1015.3	11.0		7.4		10	106		6		
32027 POGIBI	5213N	14130E	6		1010.5	1011.4	6.7		7.6		9	41			144	
32061 ALEKSANDROVSK-SAHALINSKIJ	5054N	14210E	31		1007.8	1011.6	7.6	3.1	7.7	1.5	11	96	10	3	150	118
32076 POGRANICHNOE	5024N	14340E	8		1011.4	1012.5	6.0		7.2		11	81		3	124	190
32098 PORONAJSK	4913N	14300E	8		1011.6	1012.6	6.9	2.0	7.6	.9	10	89	-8	3	186	109
32099 MYS TERPENIYA	4839N	14440E	6		1011.7	1012.6	8.5		7.5		10	56			166	50
32150 JUZHNO-SAHALINSK	4657N	14240E	24		1010.2	1013.1	7.6	1.7	8.1	.6	15	86	-12	0	190	119
32165 JUZHNO-KURIL'SK	4401N	14550E	49		1009.3	1015.2	12.2	1.8	11.0	1.2	14	191	53	5	167	95
32213 MYS LOPATKA	5052N	15640E	47		1004.7	1010.9	7.0		7.0		14	99		3	161	140
32252 UST'-VOYAMPOLKA	5830N	15910E	7		1007.9	1008.8	3.3	2.3	6.9	1.2	14	57	-6		55	61
32287 UST'-HAJRJUZOVO	5705N	15640E	8		1008.1	1009.1	3.6		6.6		13	56			79	90
32389 KLJUCHI	5619N	16050E	29		1004.6	1008.1	4.1	2.0	5.6	.4	6	40	-17	3	131	102
32477 SOBOLEVO	5418N	15550E	14		1006.6	1009.7	4.7		7.2		16	86		1	121	130
32509 SEMYACHIK	5407N	15950E	27		1004.3	1007.6	7.2		6.7		11	85		1		
32618 OSTROV BERINGA	5512N	16550E	18		1004.3	1006.5	6.6	1.4	8.4	1.1	16	88	4	3	92	87
35011 SOROCHINSK	5226N	05308E	123		1004.8	1020.1	7.1		6.8		6	36		3		
36038 ZMEINOGORSK	5109N	08212E	355		979.9	1023.3	5.0		5.3		11	103			162	
36064 YAJLIU	5146N	08736E	480		965.8	1024.1	5.5		5.9		11	66			159	
36096 KYZYL	5143N	09430E	628		948.2	1024.3	3.9		5.5		3	9		3	181	105
36229 UST'-KOKSA	5017N	08537E	978		909.9	1025.7	2.1		4.4		9	35			169	
36259 KOSH-AGACH	5001N	08841E	1759		825.9	1533 Y	.2		3.3		1	1			217	
36307 ERZIN	5016N	09507E	1101		896.2	1533 Y	4.1		.4		3	7		0		
KAZAKHSTAN																
28766 BLAGOVESHCHENKA	5422N	06658E	151		998.0	1016.7	4.7		6.1		5	21		3	147	

SURFACE

OCTOBER 2018

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.
28879 KOKSHETAY	5317N	06923E	229		988.9	1017.0	5.2	2.7	6.1	.2	8	35	13	5	126	107
28952 KOSTANAY	5313N	06337E	170		999.0	1017.7	6.2	3.1	6.4	.8	10	40	12		176	127
28966 RUZAEVKA	5249N	06658E	227		990.2	1018.1	4.8		6.2		9	35				
28978 BALKASINO	5232N	06845E	398		969.8	1018.3	3.8		5.7		11	49		4		
29807 IRTYSHSK	5321N	07527E	94		1005.8	1017.4	5.0	2.4	6.0	.4	9	27	-1			
35067 ESIL'	5153N	06620E	221		991.0	1018.7	5.6		5.8		7	45		5		
35078 ATBASAR	5149N	06822E	304		981.9	1019.1	4.7	2.5	5.9	.6	10	39	12	5	159	119
35108 URALSK	5115N	05117E	37		1016.7	1021.2	7.8	2.7	7.0	.6	4	21	-9	2	182	134
35188 ASTANA	5108N	07122E	350		977.4	1019.9	5.2	2.4	5.8	.3	12	56	27	5		
35217 DZHAMBEJTY	5015N	05234E	32		1017.6	1021.5	7.6		6.9		2	8				
35229 AKTOBE	5017N	05709E	219		974.5	1021.3	6.8	2.6	6.1	.2	5	21	-9	3	142	104
35357 BARSHINO	4941N	06931E	350		977.5	1020.2	4.8		5.6		6	22			156	
35394 KARAGANDA	4948N	07309E	553		955.1	1021.8	4.4	1.4	5.5	.3	12	73	38		159	113
35406 TAIPAK	4903N	05152E	2		1021.9	1022.1	9.4	2.7	7.5	1.0	1	11	-8		203	123
35416 UIL	4904N	05441E	128		1010.2	1022.0	8.3	2.5	6.8	.7	4	11	-14	4		
35426 TEMIR	4909N	05707E	234		993.6	1022.1	7.2		6.1		2	10		1		
35532 MUGODZARSKAJA	4838N	05830E	398		974.0	1022.0	7.6		5.5		2	6				
35576 KZYLZAR	4818N	06939E			978.2	1021.9	6.3	1.8	5.8	.3	5	22	3			
35671 ZHEZKAZGAN	4748N	06743E	346		980.3	1022.3	6.6		5.1		3	8			205	
35700 ATYRAU	4707N	05155E	-22		1024.8	1022.5	11.5	3.4	7.8	.7	2	11	-2			
35746 ARALSKOE MORE	4647N	06139E	62		1015.9	1022.5	9.9	2.3	5.7	-6	3	18	1	4		
35796 BALHASH	4648N	07505E	350		980.8	1023.1	7.9	1.7	6.5	.3	5	20	8		223	100
35849 KAZALINSK	4546N	06207E	68		1014.5	1022.8	9.9	2.1	6.3	.0	3	10	-4	2	240	109
35925 SAM	4524N	05607E	88		1012.0	1022.8	11.2	3.2	6.5	-2	2	6	-4			
35953 DZHUSALY	4530N	06405E	103		1011.5	1024.1	10.0		5.8		3	6		3		
36003 PAVLODAR	5218N	07656E	122		1005.8	1020.6	5.0		6.1		8	39		5	181	
36177 SEMIPALATINSK	5025N	08018E	196		998.9	1023.0	6.4	2.2	5.8	.2	5	24	-3	4	188	131
36208 LENINOGORSK	5020N	08333E	811		929.2	1025.6	3.6	1.2	5.4	.4	13	60	-14	3		
36428 BOL'SHE NARYMSKOE	4912N	08431E	401		975.6	1024.5	5.4		6.7		11	58			175	105
36535 KOKPEKTY	4845N	08222E	512		963.6	1025.5	4.6	1.8	5.8	.7	5	32	6		176	98
36859 ZHARKENT	4410N	08004E	645		947.7	1023.1	10.6	.9	7.4	.5	1	14	-1		190	85
36870 ALMATY	4314N	07656E	851		924.5	1022.3	11.0	2.0	7.5	.4	7	48	-14	3	149	81
38062 KYZYLORDA	4451N	06530E	130		1006.9	1022.7	11.4	2.8	6.4	.6	1	3	-8	2		
38069 CHILI	4410N	06645E	153		1004.1	1022.8	11.3		6.3		1	19		5		
38198 TURKESTAN	4316N	06813E	207		997.6	1022.3	12.6	2.0	6.3	.3	3	19	7			
38232 AKKUDUK	4258N	05407E	78		1013.2	1022.8	12.7		6.9		2	5				
38328 SHYMKENT	4219N	06942E	604		951.3	1021.9	12.3		6.9		5	44		4		
38334 AUL TURARA RYSKULOVA	4229N	07018E	808		928.9	1022.2	11.2		6.2		6	45			73	
38341 ZHAMBYL	4251N	07123E	655		946.4	1022.8	10.8		6.2		5	25		4	195	
38343 KULAN	4257N	07245E	683		940.8	1023.0	9.8		6.8		5	37		4		
38439 CHARDARA	4122N	06800E	275			1022.1	13.9		8.0		4	21				
KYRGYZSTAN																
36974 NARYN	4126N	07600E	2041		800.8	1550 Y	6.6	.6	4.5	-1	3	9	-6	2		
36982 TIAN-SHAN'	4153N	07814E	3639		714.0		-4.6		2.8		3	18		4		
38345 TALAS	4231N	07213E	1218		883.8	1539 Y	7.9		.7		4	26		4		

SURFACE

OCTOBER 2018

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.
38353 BISHKEK	4251N	07432E	760		935.3	1023.2	11.2	.8	6.6	-.5	2	27	-16		84	43
38616 KARA-SUU	4042N	07254E	868		922.9	1022.6	11.2		8.1		6	37				
TAJIKISTAN																
38715 SHAHRISTANSKIJ PEREVAL	3934N	06835E	3143		698.5		-1		3.7							
38725 MADRUSHKAT	3926N	06940E	2234		782.4		7.1		4.9		5	6				
38734 DEHAVZ	3927N	07012E	2561		751.1	1021.0	3.2		5.3		7	36		6	179	
38744 LAHSH	3917N	07152E	1198		805.1	1551 Y	7.5				3	9			172	50
38851 RASHT	3900N	07018E	1316		875.0	1560 Y	11.1		8.3		9	44				
38944 PARKHAR	3729N	06923E	448		963.0	1014.9	15.7		8.9		2	12				
38954 KHOROG	3730N	07130E	2077		796.1	1550 Y	26.5		.6		0	0		0		
TURKMENISTAN																
38388 EKEZHHE	4102N	05746E	62		1015.8	1022.7	14.3		7.1		0	0			271	15
38392 DASHOGUZ	4150N	05959E	87		1012.3	1022.4	13.2		7.1		1	3			259	25
38507 TURKMENBASHI	4003N	05300E	82		1012.1	1022.1	15.2	.6	9.5	-.1	1	2	-8		243	107
38511 CHAGYL	4047N	05520E	115		1008.9	1022.2	14.4		8.0		1	5			264	15
38545 DARGANATA	4028N	06217E	142		1005.2	1022.4	13.2		.8		1	5			245	15
38656 ERBENT	3919N	05836E	87		1011.7	1022.4	16.5	1.4	6.6	-.6	1	0	-6			
38687 CHARDZHEV	3905N	06336E	190		999.2	1022.3	15.3	1.3	7.3	-.8	1	4	-1		217	81
38750 ESENGYLY	3728N	05338E	-22		1024.2	1021.5	18.5	1.3	12.9	-.5	2	4	-17		220	100
38763 GYZYLARBAT	3859N	05617E	92		1011.5	1021.8	16.6	1.3	10.2	1.2	2	14	0		256	108
38880 ASHGABAT KESHI	3755N	05808E	312		985.0	1021.8	15.2	-.1	9.9	.5	4	27	13		185	86
38895 BAJRAMALY	3736N	06211E	240		994.3	1022.6	15.7	.3	9.0	1.9	5	42	33		224	90
38915 KOYTENDAG	3731N	06601E	265		990.1	1021.5	17.0	.2	8.3	-.3	4	21	17			
38974 SARAGT	3632N	06113E	275		989.0	1021.6	17.4	.9	8.6	1.6	23	35	28		233	91
UZBEKISTAN																
38178 AK-BAJTAL	4309N	06420E	234		993.7	1021.1	13.0	2.5	5.5	-.6	1	4	-3	3		
38262 CHIMBAJ	4257N	05949E	66		1016.8	1024.8	11.7	1.9	6.9	.1	3	16	4	5	237	106
38396 URGENCH	4134N	06034E	101		1010.9	1023.0	12.7		7.4		0	0		0		
38403 BUZAUBAJ	4145N	06228E	98		1009.8	1021.6	14.2				1	6		4		
38413 TAMDY	4144N	06437E	237		995.6	1024.0	14.2	1.3	6.4	.1	3	7	1	4		
38457 TASHKENT	4116N	06916E	488		964.5	1021.7	14.0	.7	7.8	-.7	7	46	12	4	172	77
38611 NAMANGAN	4059N	07135E	474		966.9	1022.7	13.6		8.2		5	35		5	165	75
38618 FERGANA	4022N	07145E	577		953.5	1012.8	12.8	-.3	10.2	.6	4	21	0	4	153	70
38683 BUHARA	3943N	06437E	226		994.4	1021.5	14.6				2	5		4		
38696 SAMARKAND	3934N	06657E	724		937.9	1021.6	13.1	.4	8.1	-.1	6	61	37	5	196	84
38812 KARSHI	3848N	06543E	376		976.2	1020.3	14.8		7.7		4	34		5		
38927 TERMEZ	3714N	06716E	310		984.4	1021.0	15.8	.0	8.6	-.5	3	22	19	5	238	93
SAUDI ARABIA																
40356 TURAIF	3141N	03844E	855		918.8	1521 Y	23.1		11.5		2	3			197	

SURFACE

OCTOBER 2018

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.
40357 ARAR	3054N	04108E	555		950.9	1011.8	25.8		16.0		5	19				
40360 GURIAT	3124N	03717E	509		955.8	1012.8	23.2		11.7		1	7				
40361 AL-JOUF	2947N	04006E	689		938.2	1011.7	26.8		8.4		2	10				
40362 RAFHA	2937N	04329E	449		962.9	1012.1	28.1		7.3		2	9				
40394 HAIL	2726N	04141E	1015		904.1	1538 Y	25.1		9.1		1	2				
40400 AL-WEJH	2612N	03629E	24		1008.0	1010.7	28.8		27.7		0	0		1	246	258
40401 ALULA	2629N	03807E	624		944.6	1011.1	29.4		8.9							
40405 GASSIM	2618N	04346E	648		941.2	1012.2	27.0		13.4		2	22				
40417 K.F.I.A. (KING FAHAD INT. AI	2627N	04949E	22		1011.2	1012.6	29.2		20.4		1	10			111	110
40420 AL-AHSA	2518N	04929E	179		992.2	1012.1	29.5		17.1		3	25				
40430 AL-MADINAH	2433N	03942E	654		940.7	1009.6	30.3	.9	8.1	-.1	4	43	42		246	
40437 KING KHALED INT. AIRPORT	2456N	04643E	614		945.6	1013.2	27.6		9.8		2	12			227	
40439 YENBO	2408N	03804E	10		1008.1	1009.9	30.6		25.5		3	11			273	
41024 JEDDAH (KING ABDUL AZIZ INT.	2142N	03911E	17		1009.2	1011.1	31.1	2.0	26.3	-.2	4	9	7		243	
41036 AL-TAIF	2129N	04033E	1478		857.6	1527 Y	23.3	.6	11.7	3.7	9	71	61	1	246	
41055 AL-BAHA	2018N	04139E	1672		838.0	1523 Y	22.4		13.0		6	40			247	
41061 WADI AL-DAWASSER AIRPORT	2030N	04515E	629		942.7	1010.7	28.4		13.6		0	0			301	
41084 BISHA	1959N	04238E	1167		886.5	1527 Y	24.9		12.2		4	17			265	
41112 ABHA	1814N	04239E	2093		796.7	1527 Y	19.7		10.9		5	46			247	
41114 KHAMIS MUSHAIT	1818N	04248E	2066		799.8	1523 Y	20.4		9.6		4	10			259	
41128 NAJRAN	1737N	04425E	1214		881.5	1529 Y	25.3		10.7		1	12			262	
41136 SHARORAH	1728N	04706E	725		931.4	1009.9	28.9		12.6		1	2			291	
41140 GIZAN	1653N	04235E	7		1009.1	1009.9	31.8		30.7		4	16				
KUWAIT																
40582 KUWAIT INTERNATIONAL AIRPORT	2913N	04758E	47		1007.9	1013.1	29.1	1.8			3	18	15		235	93
IRAN, ISLAMIC REPUBLIC OF																
40706 TABRIZ	3805N	04617E	1367		869.4	1018.2	15.5	2.0	8.3	.8	3	10	-18		252	111
40712 ORUMIEH	3732N	04505E	1316		871.8	1018.1	13.7	1.2	8.8	.4	4	13	-18		220	99
40718 ANZALI	3728N	04928E	-26		1023.7	1020.9	19.8	2.1	18.8	1.0	10	214	-145		144	129
40745 MASHHAD	3616N	05938E	999		908.2	1020.8	14.5	1.1	6.9	-.7	3	41	30		232	96
40754 TEHRAN-MEHRABAD	3541N	05119E	1204		886.3	1016.1	19.1	.9	8.2	1.2	5	15	2		233	94
40766 KERMANSHAH	3416N	04707E	1322		872.7	1015.8	17.8	1.8	7.7	1.1	4	71	42		186	77
40800 ESFAHAN	3228N	05140E	1550		849.7	1014.9	18.5	1.6	7.9	1.5	3	7	3		248	90
40831 ABADAN	3022N	04815E	6		1012.2	1013.0	29.2	2.3	18.5	3.8	3	14	11		259	98
40841 KERMAN	3015N	05658E	1754		829.1	1015.0	16.9	-.5	5.4	.4	3	21	20		243	89
40848 SHIRAZ	2932N	05232E	1481		854.7	1013.3	19.8	1.4	7.6	1.0	3	9	4		252	85
40856 ZAHEDAN	2928N	06053E	1370		867.1	1014.8	18.6	.8	6.2	.2	0	0	-1		265	91
BAHRAIN																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		1012.6	1012.8	30.9	1.6	27.1	-.2	3	0020	0019	6	288	095
UNITED ARAB EMIRATES																

SURFACE

OCTOBER 2018

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.
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		1009.3	1012.1	30.9	2.5	23.2	-4	0	0	0	4	283	90
OMAN																
41241 KHASAB AIRPORT	2610N	05614E	29		1008.6	1009.0	31.6		21.2		1	34		0		
41242 DIBA	2537N	05615E	10		1011.4	1013.9	29.7		23.8		1	10		0		
41244 BURAIMI	2414N	05547E	372		969.9	1013.7	30.6		13.1		0	0		0		
41246 SOHAR MAJIS	2428N	05638E	2		1011.9	1012.2	29.8		26.2		0	0		0		
41252 IBRI	2325N	05631E	327		975.7	1013.9	31.0		13.0		1	3		0		
41253 RUSTAQ	2324N	05725E	322		976.2	1014.2	29.3		17.5		4	50		0		
41254 SAIQ	2304N	05738E	1986		807.9	1027.7	18.2		9.1		9	136		0		
41255 NIZWA	2251N	05732E	462		961.0	1015.2	29.7		12.8		4	12		0		
41256 SEEB, INT'L AIRPORT	2335N	05817E	15		1011.5	1011.9	30.1		24.8		0	0		0	296	
41257 SAMAIL	2318N	05756E	417		964.5	1015.0	29.9		14.2		5	21		0		
41258 MINA SULTAN QABOOS	2337N	05834E	3		1011.3	1011.5	30.0		26.7		1	3		0		
41263 BAHLA	2259N	05718E	592		955.1	1015.3	29.7		12.4		1	5		0		
41264 ADAM AIRPORT	2223N	05731E	328		976.1	1014.7	30.3		13.5		1	7		0		
41265 IBRA	2244N	05830E	469		955.0	1015.5	29.0		14.0		7	30		0		
41268 SUR	2232N	05928E	14		1007.5	1012.3	30.3		19.2		1	2		0		
41270 RAS AL HADD	2218N	05948E	43		1007.4	1012.5	27.5		25.1		0	0		0		
41287 JOBA	2051N	05815E	34		1008.4	1012.4	28.8		21.8		0	0		0		
41288 MASIRAH	2040N	05854E	19		1010.9	1013.0	28.4		27.1		0	0		0		
41295 YAALONI	1957N	05707E	156		994.4	1012.8	28.0		20.2		1	2		0		
41312 MINA SALALAH	1654N	05355E	25		1008.6	1012.4	26.7		26.6		4	168		0		
41314 THUMRAIT	1740N	05401E	467		962.2	1015.6	27.2		13.6		2	13		0		
41315 QAIROON HAIRITI	1715N	05405E	881		915.6	1017.7	22.7		15.6		3	55		0		
41316 SALALAH	1702N	05405E	23		1010.0	1010.3	27.1		23.8		3	16		0	277	
PAKISTAN																
41515 DROSH	3534N	07147E	1465		855.3	1517 Y	16.0	-3.2	7.3		4	18	-9	5		
41560 PARACHINAR	3352N	07005E	1726		829.5	1519 Y	14.6	-2.1	9.0		7	21	-1	4		
41571 ISLAMABAD AIRPORT	3337N	07306E	508		956.6	1013.8	22.4	.0	14.3		2	37	8	1		
41594 SARGODHA	3203N	07240E	188		991.7	1013.0	24.8		16.7		1	14		1		
41598 JHELUM	3256N	07343E	234		985.3	1012.0	23.8	-1.1	17.2		2	10	-2	1		
41600 SIALKOT	3230N	07432E	256		982.9	1012.1	23.3	-.4	19.6		1	4	-10	1		
41620 ZHOB	3121N	06928E	1407		860.5	1511 Y	21.2	1.3	10.0		0	0	-2	4		
41624 DERA ISMAIL KHAN	3149N	07055E	173		992.0	1011.5	25.9	.6	19.6		0	0	-4	4		
41640 LAHORE CITY	3133N	07420E	215		987.9	1012.2	25.9	.3	19.0		0	0	-12	2		
41660 QUETTA AIRPORT	3015N	06653E	1589		845.5	1543 Y	16.3	1.7	5.5		0	0	-3	5		
41675 MULTAN	3012N	07126E	123		997.6	1011.9	27.1	.7	16.8		0	0	-1	4		
41685 BARKHAN	2953N	06943E	1098		891.9	1514 Y	23.1	.1	8.2		0	0	-3	0		
41710 NOKKUNDI	2849N	06245E	683		935.5	1010.5	25.3	.7	4.2		0	0	-1	5		
41712 DAL BANDIN	2853N	06424E	850		920.2	1531 Y	23.3	1.5	7.8		0	0	-1	5		
41715 JACOBABAD	2818N	06828E	56		1005.0	1011.3	28.2	.4	20.4		0	0	-2	5		
41718 KHANPUR	2839N	07041E	88		1001.0	1011.0	26.6	1.0	20.2		0	0	-1	5		
41739 PANJGUR	2658N	06406E	981		904.3	1514 Y	23.3	1.2	6.7		0	0	-1	5		

SURFACE

OCTOBER 2018

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.
41744 KHUZDAR	2750N	06638E	1232		878.3	1515 Y	23.2	1.3	6.3		0	0	-5	0		
41749 NAWABSHAH	2615N	06822E	38		1008.0	1011.3	28.6	.9	18.4		0	0	-2	5		
41756 JIWANI	2504N	06148E	57		1006.0	1012.5	28.4	1.2	28.0		0	0	-1	5		
41759 PASNI	2516N	06329E	6		1011.1	1011.6	28.4		26.1		0	0	-2	5		
41764 HYDERABAD	2523N	06825E	30		1006.0	1010.8	30.1		17.3		0	0		0		
41768 CHHOR	2531N	06947E	6		1010.0	1010.6	29.4	1.6	18.8		0	0	-2	5		
41780 KARACHI AIRPORT	2454N	06708E	22		1009.1	1011.8	30.0	2.1	21.5		0	0	-1	5		
BANGLADESH																
41859 RANGPUR	2544N	08914E	34		1008.3	1012.0	26.5		26.7		5	32			197	85
41883 BOGRA	2451N	08922E	20		1009.3	1011.4	26.1		26.4		3	69			208	85
41891 SYLHET	2454N	09153E	35		1008.1	1012.0	25.3		26.9		7	104			192	85
41907 ISHURDI	2408N	08903E	14		1009.5	1011.0	25.3		27.6		5	93			203	85
41923 DHAKA	2346N	09023E	9		1009.9	1010.8	26.8		26.0		6	45			161	70
41936 JESSORE	2311N	08910E	7		1010.1	1010.8	25.6		27.6		7	75			166	75
41943 FENI	2302N	09125E	8		1010.1	1010.8	25.6		27.6		9	89			162	75
41950 BARISAL	2245N	09022E	4		1011.0	1011.2	25.9		30.0		8	110			196	85
41978 CHITTAGONG (PATENGA)	2216N	09149E	6		1011.3	1011.9	26.4		28.8		12	306			187	80
41992 COX'S BAZAR	2126N	09156E	4		1010.5	1010.7	26.0		29.3		14	401			182	75
INDIA																
42027 SRINAGAR	3405N	07450E	1587		844.5	1530 Y	13.3	-8	7.3		3	7	-26	2	148	
42071 AMRITSAR	3138N	07452E	234		986.0	1012.5	23.7	-1	20.2		2	19	1	4	221	87
42147 MUKTESHWAR KUMAON	2928N	07939E	2311				17.9	3.6	7.4		1	3	-40	1		
42165 BIKANER	2800N	07318E	224		985.2	1010.3	29.5	1.8	12.6		0	0	-4	3		
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216		987.3	1011.9	25.9	-4			0	0	-17	2	196	73
42314 DIBRUGARH /MOHANBARI	2729N	09501E	111		1000.2	1012.8	25.2	.1	26.3		8	49	-94	1	187	
42339 JODHPUR	2618N	07301E	224		986.5	1011.2	29.0		13.8		0	0		3		
42404 DHUBRI	2601N	08959E	36		1008.7	1012.3	25.9		27.8		3	26		1		
42410 GUWAHATI	2606N	09135E	54		1006.6	1012.5	26.4	.4	27.8		2	11	-81	1	180	88
42452 KOTA AERODROME	2509N	07551E	274		980.8	1011.2	28.6	.6	16.5		0	0	-28	2		
42515 CHERRAPUNJI	2515N	09144E	1313				18.4	-9	18.0		4	153	-396	2	161	
42587 DALTONGANJ	2403N	08404E	221		985.6	1011.5	26.2	.1	22.4		2	15	-51	1		
42619 SILCHAR	2445N	09248E	29		1008.9	1012.3	25.8		28.8		9	145		2		
42647 AHMADABAD	2304N	07238E	55		1005.3	1011.5	29.4	.9	20.5		0	0	-23	3	294	101
42671 SAGAR	2351N	07845E	551		950.5	1011.1	27.2	1.3	17.0		0	0	-33	2		
42731 DWARKA	2222N	06905E	11		1010.3	1011.6	28.9	1.1	28.7		0	0	-10			
42754 INDORE	2243N	07548E	567		948.7	1011.0	26.5	1.2	16.1		1	4	-48	2	284	105
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1010.8	1011.5	28.6	.4	27.0		5	57	-86	2	182	100
42867 NAGPUR SONEGAON	2106N	07903E	310		977.7	1012.5	26.6	.2	23.5		0	0	-73	1	279	107
42909 VERAVAL	2054N	07022E	8		1010.1	1011.0	30.1	2.2	27.6		0	0	-15	3		
42933 AKOLA	2042N	07702E	282		979.8	1011.2	28.2	.8	18.8		0	0	-48	2		
42971 BHUBANESHWAR	2015N	08550E	46		1006.1	1011.2	27.4	-2	29.4		6	194	67	5	189	86
43041 JAGDALPUR	1905N	08202E	553		950.7	1011.7	25.0	.3	22.1		1	3	-84	1		
43057 BOMBAY / COLABA	1854N	07249E	11		1009.3	1010.5	30.1	1.4	32.9		1	15	-46	2	197	82

SURFACE

OCTOBER 2018

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.
43063 PUNE	1832N	07351E	559		949.4	1010.8	26.2	1.2	20.5		6	36	-32	3	241	97
43128 HYDERABAD AIRPORT	1727N	07828E	545		951.2	1010.9	26.8	1.1	20.5		2	72	-25	3	231	102
43150 CWC VISHAKHAPATNAM/WALTAIR	1742N	08318E	66		1004.3	1011.7	29.5		28.0		4	29			239	115
43185 MACHILIPATNAM/FRANCHPET	1612N	08109E	3		1009.9	1010.3	29.6	1.8	29.9		4	107	-70	2	188	
43192 GOA/PANJIM	1529N	07349E	60		1003.5	1011.7	28.9	1.0	29.9		9	33	-78	2	237	96
43198 BELGAUM/SAMBRE	1551N	07437E	758		928.4	1009.7	24.8	.6	20.0		5	57	-25	2		
43279 CHENNAI/MINAMBAKKAM	1300N	08011E	16		1009.2	1010.9	28.5	.3	29.5		10	257	-116	3	188	97
43284 BAJPE	1255N	07453E	102		998.6	1010.0	27.8		28.1		11	130			237	125
43295 BANGALORE	1258N	07735E	921		909.7	1511 Y	24.5	.8	19.1		9	112	-15	2	205	118
43314 KOZHIKODE	1115N	07547E	5		1009.7	1010.3	28.8	1.5	31.2		13	255	25	3		
43363 PAMBAN	0916N	07918E	11		1008.8	1010.1	28.7	.1	31.7		14	290	66	4		
43369 MINICOY	0818N	07309E	2		1010.1	1010.1	28.1	.4	32.5		13	160	13	3	160	72
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1003.2	1010.4	27.9	1.0	30.7		17	307	84	4	99	58
MONGOLIA																
44203 RINCHINHUMBE	5107N	09940E	1583		843.8	1026.2	-2.3	3.7	3.7	.7	3	7	-1	2		
44207 HATGAL	5026N	10000E	1669		834.6	1029.4	-2.0	2.6	3.8	1.0	3	34	23	5		
44212 ULAANGOM	4948N	09205E	940		913.3	1025.4	3.6	3.2	5.0	.7	4	15	11	5	190	97
44213 BARUUNTURUUN	4939N	09424E	1232		880.3	1024.7	3.5	4.2	4.2	.2	3	30	18	5		
44214 ULGI	4856N	08956E	1716		830.2	1022.4	3.1	3.0	3.1	-8	1	1	-2	3		
44215 OMNO-GOBI	4901N	09143E	1590		843.0	1026.8	2.0	2.6	3.3	-3	2	6	3	5		
44218 HOVD	4801N	09134E	1406		862.6	1024.9	4.9	3.4	4.2	.2	2	12	8	5		
44225 TOSONTSENGEL	4844N	09812E	1724		830.5	1027.0	-1.2	3.0	3.7	.6	3	10	0	4		
44230 TARIALAN	4934N	10200E	1236		881.2	1027.1	2.1	2.1	4.7	1.1	3	21	16	6		
44231 MUREN	4938N	10010E	1285		874.7	1026.5	1.7	2.4	4.2	.8	3	20	15	5	239	107
44232 HUTAG	4923N	10240E	938		912.2	1023.8	2.6	2.6	5.0	.9	4	23	11	5		
44237 ERDENEMANDAL	4832N	10120E	1510		851.2	1026.3	1.8	2.4	3.8	-1	1	3	-4	2		
44239 BULGAN	4848N	10330E	1209		881.6	1025.1	1.2	2.0	4.0	.4	1	9	-3	2		
44241 BARUUNHARAA	4855N	10600E	811		926.5	1022.9	2.9	2.4	4.8	.9	4	7	-4	3		
44256 DASHBALBAR	4933N	11420E	706		934.8	1019.6	2.9	2.5	4.3	.5	2	8	4	3		
44259 CHOIBALSAN	4805N	11430E	747		930.5	1020.5	3.7	2.2	4.4	.2	4	8	1	3		
44265 BAITAG	4607N	09128E	1186		888.0	1027.4	4.8	1.7	5.2	.5	4	15	12	5		
44272 ULIASTAI	4745N	09651E	1761		825.4	1029.5	-1	.7	3.4	.1	4	14	5	4	217	97
44275 BAYANBULAG	4650N	09805E	2255		777.3	1032.3	-2.1	2.4	2.4	-8	0	0	-4	1		
44277 ALTAI	4624N	09615E	2182		785.1	1031.1	.4	1.7	2.8	-3	2	8	1	3	152	62
44282 TSETSERLEG	4727N	10120E	1693		832.4	1026.7	2.3	2.0	3.1	-4	4	10	-3	3		
44284 GALUUT	4642N	10000E	2126		790.1	1030.9	-9	2.6	2.5	-2	1	1	-5	2		
44285 HUIJIRT	4654N	10240E	1662		835.8	1026.3	1.0	1.7	3.8	.2	2	3	-6	1		
44287 BAYANHONGOR	4608N	10040E	1860		816.1	1027.5	2.0	2.1	2.6	-8	0	0	-7	1		
44288 ARVAIHEER	4616N	10240E	1813		820.4	1026.1	3.5	2.1	2.7	-7	0	0	-6	0		
44292 ULAANBAATAR	4755N	10650E	1307		872.2	1025.3	2.8	3.9	3.8	.1	3	7	1	3	231	102
44294 MAANTI	4718N	10720E	1430		858.8	1023.8	.7	2.2	3.4	-2	0	0	-5	0		
44298 CHOIR	4627N	10810E	1287		873.4	1022.7	3.0	1.8	3.2	-1.1	0	0	-5	0		
44302 BAYAN-OVOO	4747N	11200E	926		911.4	1020.3	2.9	1.9	4.1	.2	1	3	-7	1		
44304 UNDERKHAAN	4719N	11030E	1035		900.0	1021.2	2.2	1.6	3.6	.1	0	0	-8	0		
44305 BARUUN-URT	4641N	11310E	982		906.1	1021.7	3.5	1.8	4.0	.0	1	1	-4	2		

SURFACE

OCTOBER 2018

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.
44313 KHALKH-GOL	4737N	11830E	689		937.6	1020.4	3.3	2.2	4.1	.1	3	7	-4	3		
44314 MATAD	4710N	11530E	907		913.3	1022.1	2.9	1.2	4.0	.0	2	16	8	5		
44317 ERDENETSAGAAN	4554N	11520E	1076		895.7	1021.6	2.6		4.6		5	17		4		
44336 SAIKHAN-OVOO	4527N	10350E	1317		872.2	1026.6	3.5	1.4	2.9	-.7	0	0	-4	1		
44341 MANDALGOBI	4546N	10610E	1396		863.2	1025.3	3.2	1.5	3.1	-.7	0	0	-4	0		
44347 TSOGT-OVOO	4425N	10510E	1298		874.5	1022.8	5.0	1.0	3.2	-1.0	0	0	-3	1		
44352 BAYANDELGER	4544N	11220E	1101		893.1	1019.2	4.0	1.5	4.1	-.1	01	1	-5	1		
44354 SAINSHAND	4454N	11000E	938		912.5	1023.8	5.1	.7	3.2	-1.5	0	0	-4	0		
44358 ZAMYN-UUD	4344N	11150E	965		909.9	1025.3	5.0	.6	3.5	-1.0	0	0	-5	0		
44373 DALANZADGAD	4335N	10420E	1465		857.1	1026.5	5.1	.3	2.7	-1.2	0	0	-4	1		
HONG KONG, CHINA																
45004 KOWLOON	2219N	11410E	66		1007.9	1015.5	24.9	-.5	19.9	-3.0	7	119	-26	4	182	93
DPR KOREA																
47014 CHUNGGANG	4147N	12650E	331		980.0	1019.7	7.1	.6	7.6		4	22	-19	3	128	75
47016 HYESAN	4124N	12810E	715		934.6	1020.0	5.1	.2	5.8		2	13	-11	2	150	75
47025 KIMCHAEK	4040N	12910E	23		1014.1	1016.9	11.7	-.1	9.2		3	36	-6	2	198	110
47035 SINUIJU	4006N	12420E	7		1019.2	1020.1	11.5	.1	8.7		7	68	12	4	199	90
47055 WONSAN	3911N	12720E	36		1013.8	1017.1	12.7	-.2	9.0		4	90	24	2	190	295
47058 PYONGYANG	3902N	12540E	36		1014.9	1019.5	11.6	.0	9.1		4	11	-31	1	171	80
47069 HAEJU	3802N	12540E	81		1009.4	1019.1	13.3	.2	9.8		6	26	-12	3	216	95
REPUBLIC OF KOREA																
47101 CHUNCHEON	3754N	12740E	78		1010.2	1019.5	10.9	-1.1	9.9	-.6	6	128	82	5	189	104
47105 GANGNEUNG	3745N	12850E	26		1014.9	1018.0	14.1	-.7	9.2	-2.2	7	248	136	5	239	130
47108 SEOUL	3734N	12650E	86		1008.6	1018.9	13.1	-1.2	8.9	-2.2	6	121	72	5	242	119
47112 INCHEON	3728N	12630E	69		1010.6	1018.8	13.8	-.6	9.7	-2.0	6	116	68	5	257	121
47115 ULLEUNGDO	3729N	13050E	221		991.1	1017.4	14.8	-.1	10.7	-1.7	9	261	174	6	209	124
47133 DAEJEON	3622N	12720E	72		1011.1	1019.4	13.0	-.6	11.3	-.3	6	134	82	5	224	112
47138 POHANG	3602N	12920E	4		1017.8	1018.3	15.5	-.2	12.0	-.4	4	262	199	6	239	128
47159 BUSAN	3506N	12900E	70		1009.5	1017.7	16.4	-.7	11.8	-1.2	4	124	62	5	246	122
47165 MOKPO	3449N	12620E	39		1014.5	1019.0	15.5	-1.1	12.0	-1.6	3	138	86	5	237	116
47168 YEOSU	3444N	12740E	67		1010.2	1017.9	16.4	-.5	11.8	-.9	3	147	92	5	252	113
47184 JEJU	3331N	12630E	23		1016.4	1018.8	17.9	.2	13.3	-1.5	5	347	273	5	175	98
JAPAN																
47401 WAKKANAI	4525N	14140E	12		1011.8	1013.2	12.8	2.3	10.0	1.2	15	160	30	4	154	118
47407 ASAHIKAWA	4345N	14220E	140		998.0	1015.0	10.1	1.6	10.1	1.3	17	147	35	5	127	101
47409 ABASHIRI	4401N	14410E	44		1009.4	1014.6	11.9	1.9	9.9	1.0	11	153	76	5	154	97
47412 SAPPORO	4304N	14120E	26		1011.4	1014.5	13.0	2.2	10.8	1.5	16	187	72	5	161	103
47418 KUSHIRO	4259N	14420E	40		1010.2	1015.0	11.8	2.0	11.4	1.8	10	141	33	5	184	101
47420 NEMURO	4320N	14530E	39		1011.8	1015.1	12.5	1.7	11.6	1.6	9	208	91	5	172	102

SURFACE

OCTOBER 2018

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.
47421 SUTTSU	4248N	14010E	38		1010.3	1014.5	13.0	1.5	11.5	1.5	19	175	36	4	135	100
47426 URAKAWA	4210N	14240E	37		1011.1	1015.7	13.3	1.8	12.2	2.0	14	175	71	6	179	98
47430 HAKODATE	4149N	14040E	44		1009.8	1015.1	13.9	2.6	11.7	1.5	15	192	93	5	198	117
47570 WAKAMATSU	3729N	13950E	217		991.8	1017.0	14.9	2.1	14.1	2.1	12	63	-19	2	117	102
47575 AOMORI	4049N	14040E	4		1015.2	1015.7	14.2	2.2	12.2	1.5	13	186	88	5	155	100
47582 AKITA	3943N	14000E	22		1013.7	1016.3	15.3	2.2	12.8	1.4	12	179	30	4	157	103
47584 MORIOKA	3942N	14110E	155		998.0	1016.6	13.6	2.2	12.5	1.8	10	73	-26	2	162	105
47590 SENDAI	3816N	14050E	44		1011.2	1016.4	16.5	2.1	13.7	1.7	9	68	-35	2	158	107
47600 WAJIMA	3724N	13650E	15		1016.0	1016.8	16.4	1.2	13.5	.1	16	249	72	6	149	106
47604 NIIGATA	3755N	13900E	7		1015.8	1016.5	17.2	1.7	14.8	1.8	16	154	-4	3	142	100
47605 KANAZAWA	3635N	13630E	34		1012.8	1016.7	17.8	1.7	13.7	.0	12	154	-48	2	153	109
47610 NAGANO	3640N	13810E	420		967.6	1016.5	15.1	2.0	13.2	1.6	8	31	-37	1	167	118
47624 MAEBASHI	3624N	13900E	114		1002.8	1016.1	18.1	2.5	14.4	1.8	5	26	-67	1	161	105
47629 MITO	3623N	14020E	31		1012.4	1016.0	17.6	2.3	15.4	1.2	7	67	-77	1	156	118
47636 NAGOYA	3510N	13650E	56		1009.7	1016.3	18.9	1.9	13.6	-1.1	8	24	-90	1	180	110
47648 CHOSHI	3544N	14050E	28		1012.1	1015.4	20.7	2.5	18.3	2.5	12	213	-3	3	137	103
47651 TSU	3444N	13630E	18		1014.4	1016.6	18.9	1.7	13.9	-3	6	22	-123	0	174	109
47655 OMAEZAKI	3436N	13810E	47		1009.8	1015.5	20.2	1.4	17.2	1.0	5	121	-49	2	169	105
47662 TOKYO	3541N	13940E	36		1012.9	1015.8	19.1	1.5	16.6	3.0	8	62	-102	1	139	109
47675 OSHIMA	3445N	13920E	80		1006.7	1015.5	19.7	2.7	18.1	2.3	8	176	-182	1	138	118
47678 HACHIOJIMA	3307N	13940E	156		997.3	1014.9	21.4	.7	21.2	2.2	18	240	-216	1	105	87
47740 SAIGO	3612N	13320E	32		1013.6	1017.0	16.5	.5	14.9	1.0	15	170	52	5	136	80
47741 MATSUE	3527N	13300E	23		1014.3	1016.9	17.4	1.3	15.1	.4	13	57	-78	1	153	96
47746 TOTTORI	3529N	13410E	16		1015.3	1017.1	17.3	1.2	15.0	.8	14	90	-57	2	145	103
47750 MAIZURU	3527N	13510E	23		1016.5	1017.0	16.9	.9	15.8	1.4	11	115	-15	3	140	108
47765 HIROSHIMA	3424N	13220E	54		1010.6	1017.0	18.5	1.5	13.2	-1.0	7	35	-67	1	179	100
47772 OSAKA	3441N	13530E	83		1006.9	1016.6	19.7	1.4	14.7	.7	7	24	-83	0	199	125
47778 SHIONOMISAKI	3327N	13540E	76		1007.8	1015.9	20.0	.7	17.7	1.7	12	86	-138	1	196	117
47800 IZUHARA	3412N	12910E	19		1016.9	1017.4	17.5	-1	14.6	-1	5	133	18	4	168	106
47807 FUKUOKA	3335N	13020E	15		1015.5	1017.3	19.1	.9	15.0	.0	7	60	-36	3	172	99
47815 OITA	3314N	13130E	13		1015.4	1017.0	18.9	1.1	15.3	.0	6	93	-42	3	174	109
47817 NAGASAKI	3244N	12950E	36		1012.8	1017.0	19.1	.1	15.6	.2	5	52	-51	3	181	103
47827 KAGOSHIMA	3133N	13030E	32		1012.8	1016.5	20.1	.1	16.7	-1	7	54	-52	2	195	107
47830 MIYAZAKI	3156N	13120E	15		1014.7	1016.4	19.3	.4	16.8	-3	6	209	15	4	215	124
47843 FUKUE	3242N	12850E	27		1014.1	1017.2	18.6	.0	15.3	-4	6	65	-41	3	180	104
47887 MATSUYAMA	3351N	13240E	34		1012.7	1016.7	19.1	1.2	15.0	.6	6	35	-64	1	193	112
47891 TAKAMATSU	3419N	13400E	14		1015.6	1016.9	19.1	1.9	15.5	.6	8	44	-62	1	182	106
47893 KOCHI	3334N	13330E	3		1015.9	1016.5	19.2	.7	16.0	1.2	9	84	-90	2	204	115
47895 TOKUSHIMA	3404N	13430E	6		1016.0	1016.8	19.3	1.2	15.9	1.3	10	79	-62	2	180	114
47909 NAZE	2823N	12930E	8		1014.7	1015.5	22.8	-5	20.2	-1.0	9	98	-121	1	139	110
47918 ISHIGAKIJIMA	2420N	12410E	11		1012.8	1014.5	24.7	-6	23.9	-5	16	251	78	4	150	91
47927 MIYAKOJIMA	2448N	12510E	42		1009.6	1014.4	24.2	-7	23.3	-8	13	214	53	4	140	84
47936 NAHA	2612N	12740E	28		1008.7	1014.5	23.9	-6	21.6	-1.3	11	375	225	5	152	87
47945 MINAMIDAITOJIMA	2550N	13110E	21		1011.7	1014.1	25.1	.0	24.8	.2	9	158	-11	4	159	88
47971 CHICHUJIMA	2706N	14210E	8		1013.2	1014.1	27.5	1.6	29.3	2.7	11	70	-66	2	211	115
47991 MINAMITORISHIMA	2417N	15350E	9		1014.0	1015.0	28.2	.8	30.6	1.8	10	88	-10	4	254	104

SURFACE

OCTOBER 2018

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.
MYANMAR																
48008 MYITKYINA	2522N	09724E	147		995.4	1012.0	25.5				8	147	-11			
48042 MANDALAY	2159N	09606E	76		1002.4	1011.2	27.8				12	179	-6			
48062 SITTWE	2008N	09253E	5		1011.0	1017.3	25.8				14	514	225			
48097 YANGON	1646N	09610E	15		1011.9	1015.2	26.7				10	229	23			
48112 VICTORIA POINT	0958N	09835E	47		1005.4	1010.9	25.7				16	188	-190			
THAILAND																
48303 CHIANG RAI	1958N	09953E	393		968.5	1012.3	26.1	1.6	27.0	1.4	9	168	26	4	201	95
48327 CHIANG MAI	1847N	09859E	314		977.7	1012.9	27.5	1.7	27.0	.8	10	215	93	5	228	102
48354 UDON THANI	1723N	10240E	178		992.0	1012.2	27.9	1.2	27.3	.8	3	39	-45	2		
48378 PHITSANULOK	1647N	10010E	46		1006.3	1011.5	28.6	1.0	30.1	1.0	6	60	-97	1	256	114
48400 NAKHON SAWAN	1548N	10010E	35		1007.3	1011.3	29.2	1.5	30.3	.4	3	21	-123	1	246	110
48431 NAKHON RATCHASIMA	1458N	10200E	187		990.4	1011.6	28.3	2.1	29.5	2.4	6	107	-45	3		
48453 BANGNA AGROMET	1339N	10036E	3		1010.7	1011.0	28.7		31.5		17	260			198	95
48455 BANGKOK	1344N	10030E	4		1010.0	1010.5	28.8	1.2	31.2	1.2	17	311	69	4	158	80
48462 ARANYAPRATHET	1342N	10230E	49		1005.8	1011.3	28.7	1.6	30.4	1.6	8	150	-31	3		
48480 CHANTHA BURI	1237N	10200E	4		1010.4	1010.8	28.1	1.6	30.4	1.5	16	248	-32	3	172	91
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1010.4	1011.2	27.7	.8	30.5	1.5	12	346	141	5		
48517 CHUMPHON	1029N	09911E	6		1010.1	1010.8	27.3	.7	30.3	.6	15	224	-51	2		
48565 PHUKET AIRPORT	0809N	09819E	9		1009.2	1010.2	27.5	.7	30.2	.2	19	217	-134	1		
48568 SONGKHLA	0712N	10030E	7		1009.9	1010.7	27.5	.1	30.2	.7	23	457	174	5		
VIET NAM																
48806 SON LA	2120N	10350E	676		939.0	1015.4	22.6		21.0		6	64		4	184	100
48808 CAO BANG	2240N	10610E	244		987.8	1016.0	22.0		22.9		12	144		5	105	75
48825 HA DONG	2058N	10546E	8		1014.2	1015.1	25.5		24.4		8	93		3	155	110
48826 PHU LIEN	2048N	10630E	116		1001.5	1014.9	24.8		27.4		6	62		1	165	90
48830 LANG SON	2150N	10640E	263		985.3	1015.7	22.1		21.6		9	170		3	162	95
48840 THANH HOA	1945N	10540E	5		1013.4	1014.0	25.9		27.0		7	106		1	170	100
48845 VINH	1840N	10540E	6		1013.1	1013.9	25.8		27.7		9	69		1	162	115
48848 DONG HOI	1729N	10630E	8		1012.9	1013.7	26.2		28.9		15	174		6	174	125
48852 HUE	1626N	10730E	10		1012.6	1013.6	25.7		28.6		8	267				
48855 DA NANG	1604N	10820E	7		1012.6	1013.4	27.0		28.0		14	253		1	200	130
48870 QUY NHON	1346N	10910E	6		1011.4	1012.0	27.5		29.3		14	476		3		
48877 NHA TRANG	1213N	10910E	4		1010.1	1010.6	27.6		28.7		9	345		4	229	125
48887 PHAN THIET	1056N	10800E	8		1010.3	1010.9	27.7		29.3		7	121			261	120
48914 CA MAU	0911N	10500E	2		1010.6	1010.8	28.1		31.6		17	229		1	170	75
48917 PHU QUOC	1013N	10350E	4		1010.5	1011.1	28.1		30.4		22	459			232	
LAO PDR																
48930 LUANG-PRABANG	1953N	10200E	305		987.3	1013.1	27.3	2.5	26.5	.2	5	75	-51	1	209	108

SURFACE

OCTOBER 2018

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.
48938 SAYABOURY	1914N	10140E	326		979.7	1012.8	27.1		27.3		7	85		1	164	
48940 VIENTIANE	1757N	10230E	171		991.6	1010.8	28.3	1.9	28.0	1.4	4	74	-13	1	242	98
48946 THAKHEK	1723N	10430E	152		995.4	1011.7	28.5		27.7		2	16		1	244	
48947 SAVANNAKHET	1633N	10430E	145		996.4	1012.8	27.7	2.7	24.8	.8	2	80	-19	1	287	
48955 PAKSE	1507N	10510E	102		999.3	1011.2	28.4	2.1	27.2	.1	6	15	-84	1	235	122
CHINA																
50527 HAILAR	4913N	11940E	611		939.8	1018.1	2.9	2.6	4.2	.3	1	3	-7	1	212	97
50745 QIQIHAR	4723N	12350E	148		997.5	1015.5	8.2	3.4	5.7	.7	2	9	-10	2	229	100
50963 TONGHE	4558N	12840E	110		1002.8	1016.3	6.6		6.8		2	5		0	208	110
51076 ALTAY	4744N	08805E	737		937.7	1025.3	6.8	1.0	5.6	.7	4	10	-6	2	214	100
51243 KARAMAY	4536N	08451E	428		970.5	1024.4	10.8		5.4		01	1		1	221	100
51431 YINING	4357N	08120E	664		945.3	1023.7	10.1	.8	6.9	-6	3	24	0	3	210	95
51463 WU LU MU QI	4348N	08739E	947		915.3	1024.2	8.9		5.6		4	45		5	252	110
51644 KUQA	4143N	08257E	1100		897.1	1021.3	9.6		5.6		1	7		5	260	110
51656 KORLA	4145N	08608E	933		916.6	1021.1	10.1		5.4		1	5		4	285	115
51709 KASHI	3928N	07559E	1291		864.9	1018.8	12.9	.6	4.7	-2.4	0	0	-2	4	247	101
51747 TAZHONG	3900N	08340E	1099		894.8	1020.9	9.3		2.9		0	0			280	
51777 RUOQIANG	3902N	08810E	889		917.6	1020.9	9.5	-1.7	4.8	-3	0	0	-1	4	280	98
51828 HOTAN	3708N	07956E	1375		865.3	1017.6	13.6	1.1	3.6	-2.3	0	0	-1	4	289	111
52203 HAMI	4249N	09331E	739		934.7	1021.3	9.8	.1	4.0	-1.1	0	0	-2	2	261	94
52267 EJIN QI	4157N	10100E	941		914.3	1023.8	9.0		3.1		0	0		3	288	100
52323 MAZONG SHAN	4148N	09702E	1770		828.0		4.1		2.4		0	0		3	294	105
52418 DUNHUANG	4009N	09441E	1140		891.6	1022.2	9.1		3.9		0	0		4	289	100
52495 BAYAN MOD	4045N	10430E	1329		873.2	1024.8	6.5		3.6		1	2		3	281	100
52533 JIUQUAN	3946N	09829E	1478		857.0	1024.0	7.1	-3	3.8	-9	0	0	-2	2	292	110
52681 MINQIN	3838N	10300E	1367		868.6	1023.4	8.8		4.2		1	7		3	285	115
52836 DOULAN	3618N	09806E	3190		694.6		1.8	-1.1	2.4	-4	1	5	-2	4	253	94
52866 XINING	3637N	10140E	2296		774.9		5.7		5.9		4	31		5	217	110
52983 YU ZHONG	3552N	10400E	1875		815.8		6.8		6.7		2	4		1	210	110
53068 ERENHOT	4339N	11200E	966		910.1	1023.9	4.4	-2	3.5	-2	0	0	-7	1	265	102
53336 HALIUT	4134N	10830E	1290		876.3	1024.5	5.7		3.9		1	3		2	261	100
53463 HOHHOT	4049N	11140E	1065		891.1	1024.7	6.4		4.4		1	2		1	229	100
53614 YINCHUAN	3828N	10610E	1112		895.4	1023.2	9.1	-1	5.3	-2.1	2	8	-6	3	247	105
53772 TAIYUAN	3747N	11230E	779		932.0	1023.0	10.2	.2	6.4	-1.9	1	2	-27	0	233	111
53845 YAN AN	3636N	10930E	959		888.6	1023.6	9.3		6.0		2	11		1	235	125
54026 JARUD QI	4434N	12050E	266		986.1	1018.4	8.6		4.8		0	0		1	262	110
54102 XILIN HOT	4357N	11600E	1004		905.1	1023.9	2.6		3.7		1	6		2	231	95
54161 CHANGCHUN	4354N	12510E	238		989.3	1018.3	8.1		6.5		6	39		5	222	105
54218 CHIFENG	4216N	11850E	572		942.7	1022.2	7.8		4.1		1	2		1	268	110
54292 YANJI	4252N	12930E	178		986.4	1017.9	7.9	1.3	6.8	.4	4	58	36	5	194	96
54342 SHENYANG	4144N	12331E	43		1013.2	1019.3	8.8	-7	7.1	-9	3	34	-8	3	234	109
54511 BEIJING	3956N	11610E	55		1017.2	1021.2	13.0	.3	7.0	-2.4	1	4	-14	1	244	108
54823 JINAN	3636N	11700E	169		1001.1	1021.5	15.5		8.1		3	20		3	233	135
54857 QINGDAO	3604N	12020E	77		1011.8	1021.1	16.1	.0	10.1	-2.3	2	15	-31	2	241	110
55228 SHIQUANHE	3230N	08005E	4280		607.1		-2		1.3		0	0		3	287	90

SURFACE

OCTOBER 2018

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.
55472 XAINZA	3057N	08838E	4670		578.2		-5		2.1		1	5		3	254	90
55591 LHASA	2940N	09108E	3650		654.2		9.1	1.0	3.4	-1.7	0	0	-10	1	299	106
56004 TUOTUOHE	3413N	09226E	4535		587.3		-4.1		2.8		3	6		3	220	80
56029 YUSHU	3301N	09701E	3682		650.8		1.6		4.7		9	32		5	117	60
56046 DARLAG	3345N	09939E	3968		630.7		-6		4.0		7	16		1	161	80
56079 RUO'ERGAI	3335N	10250E	3441		673.5		1.3		4.9		6	20		1	165	90
56106 SOG XIAN	3153N	09347E	4024		625.8		1.3		4.0		6	46		4	175	85
56137 QAMDO	3109N	09710E	3307		684.3		6.3	-2.1	5.5	-2	9	46	21	4	189	93
56187 WENJIANG	3045N	10352E	555		956.9	1020.8	15.9		15.7		10	34		3	65	130
56444 DEQEN	2827N	09853E	3320		685.0		5.6		6.2		3	27		2	192	115
56571 XICHANG	2754N	10210E	1599		842.2		16.1	-7	12.7	-1.1	9	43	-35	2	169	102
56739 TENGCHONG	2507N	09829E	1649		833.2		15.9	-5	14.7	-8	9	110	-34	3	186	106
56778 KUNMING	2501N	10240E	1892		814.6		15.2	.2	14.0	.3	11	53	-35	2	126	83
56964 SIMAO	2246N	10050E	1303		872.9	1014.9	19.2		18.3		17	210		6	109	75
56985 MENGZI	2323N	10320E	1302		871.5	1014.9	18.6		17.6		11	95		5	123	85
57083 ZHENGZHOU	3443N	11330E	111		1007.9	1021.2	17.4	2.4	9.3	-2.6	0	0	-46	0	199	106
57131 JINGHE	3426N	10858E	411		973.7	1022.1	15.3		9.1		5	9		0	202	195
57461 YICHANG	3042N	11110E	134		990.6	1021.0	17.5	-5	12.4	-3.2	5	21	-66	1	139	104
57494 WUHAN	3037N	11400E	23		1017.7	1020.6	17.1		14.0		4	21		1	178	115
57516 CHONGQING	2935N	10620E	260		989.3	1019.9	17.6		17.1		12	83		3	16	30
57687 CHANGSHA	2814N	11250E	68		1005.8	1020.1	17.7		14.3		8	72		3	157	120
57745 ZHIJIANG	2727N	10940E	273		988.4	1020.6	17.1	-5	15.7	-3	9	69	-35	2	107	89
57816 GUIYANG	2635N	10640E	1223		882.4	1019.5	13.7		13.0		9	39		2	27	45
57993 GANZHOU	2552N	11500E	138		1002.3	1018.6	20.0	-1.2	15.9	-2.4	11	78	2	4	163	96
58027 XUZHOU	3417N	11700E	42		1016.1	1021.2	16.1		10.7		0	0		1	238	130
58238 NANJING	3200N	11840E	7		1016.6	1020.9	17.7		12.7		5	38		2	211	130
58362 SHANGHAI	3124N	12120E	8		1019.9	1020.7	18.8		13.8		2	35		3	177	110
58606 NANCHANG	2836N	11550E	50		1014.0	1019.7	19.7	.4	13.8	-2.7	7	98	41	5	191	119
58633 QU XIAN	2858N	11850E	71		1010.0	1019.9	18.3		14.3		7	47		2	168	105
58666 DACHEN DAO	2827N	12150E	84		1008.6	1018.9	19.9		16.5		7	57		3	174	90
58847 FUZHOU	2605N	11910E	85		1008.2	1018.2	21.3		16.2		7	53		4	124	85
59211 BAISE	2354N	10630E	177		996.2	1016.7	22.3		21.8		6	77		4	90	65
59287 GUANGZHOU	2310N	11320E	42		1008.0	1016.3	22.4	-1.6	20.9	-1.0	7	82	3	4	149	78
59316 SHANTOU	2324N	11640E	3		1015.6	1016.0	24.5	1.2	20.4	-2.4	4	21	-40	3	200	95
59431 NANNING	2238N	10810E	126		998.5	1016.4	22.0	-1.4	19.3	-2.6	10	67	-5	4	149	88
59758 HAIKOU	2002N	11020E	24		1007.3	1014.8	25.9	.9	25.6	-1.0	8	44	-157	1	220	116
59948 SANYA	1814N	10930E	420		966.7	1014.5	23.6		24.7		1	2		0	275	130
59981 XISHA DAO	1650N	11220E	5		1012.2	1012.9	28.4		27.8		5	13		0	264	130
AFRICA																
MADEIRA																
08522 FUNCHAL	3238N	01654W	58		1010.4	1017.2	21.4	.5	17.4	-4	10	98	23	4	209	114
08524 PORTO SANTO	3304N	01621W	97		1007.6	1017.2	20.7		19.0		11	63		4	191	105

SURFACE

OCTOBER 2018

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.
SPAIN (CANARY ISLANDS)																
60001 HIERRO/AEROPUERTO	2749N	01753W	32		1012.8	1016.5	23.1		20.5		7	33		5	209	110
60005 LA PALMA/AEROPUERTO	2837N	01745W	31		1011.2	1015.0	22.5		19.9		6	123		5	176	105
60010 IZANA	2819N	01630W	2371		769.1	1014.7	9.9		6.8		5	65		4	263	105
60015 TENERIFE/LOS RODEOS	2828N	01619W	632		946.4	1016.4	18.3		17.7		14	104		4	154	80
60020 STA. CRUZ DE TENERIFE	2827N	01615W	36		1011.7	1015.9	23.3	.4	19.3	1.2	5	87	69	5	229	105
60025 TENERIFE SUR	2803N	01634W	77		1007.3	1016.2	23.1		19.4		5	38		6	247	125
60030 LAS PALMAS DE GRAN CANARIA/G	2756N	01523W	47		1010.7	1016.1	22.6	.1	19.8	.7	6	45	35	5	224	105
60035 FUERTEVENTURA/AEROPUERTO	2827N	01352W	30		1012.3	1015.8	23.1		20.9		4	48		6	213	95
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1013.4	1015.8	23.2	.8	20.4	1.3	3	39	34	6	236	106
MOROCCO																
60101 TANGER (AERODROME)	3544N	00554W	21		1011.8	1014.3	19.9	.2	15.9		13	185	120	5	205	90
60115 OUJDA	3447N	00156W	470		961.0	1015.0	17.8	-.2	12.7		11	37	4	4	197	85
60120 KENITRA	3418N	00636W	14		1013.8	1014.2	19.9	.5	17.2		13	157	94	6	208	90
60135 RABAT-SALE	3403N	00646W	84		1005.6	1014.4	19.3	.3	16.0		15	199	156	0	177	45
60150 MEKNES	3353N	00532W	576		950.7	1014.4	18.6	-.1	14.5		13	195	148	6	214	95
60155 CASABLANCA	3334N	00740W	57		1008.5	1015.2	20.3	1.1	18.3		15	121	90	5	223	65
60195 MIDELT	3241N	00444W	1515		850.8	1522 Y	14.7	-.3	9.9		9	60	43	5	231	65
60230 MARRAKECH	3137N	00802W	468		962.1	1014.2	21.4	.3	15.0		6	38	15	4	232	95
60265 OUARZAZATE	3056N	00654W	1140		888.8	1521 Y	19.5	.1			4	26	13	5	270	75
SPAIN (CEUTA AND MELILLA)																
60338 MELILLA	3517N	00257W	55		1007.9	1014.5	20.5	.4	16.9	-.6	10	93	62	5	213	114
ALGERIA																
60351 JIJEL-ACHOUAT	3648N	00553E	10		1012.6	1014.0	20.4		17.6		12	335			200	60
60355 SKIKDA	3653N	00654E	3		1012.8	1013.5	21.1	1.3	17.8		10	185	110	5	214	60
60360 ANNABA	3650N	00749E	4		1012.1	1013.1	19.6	-.1	17.5		11	163	92	5	206	60
60390 DAR-EL-BEIDA	3641N	00313E	29		1011.6	1015.0	19.9	.5	17.0		8	64	-12	4	219	65
60395 TIZI-OUZOU	3642N	00403E	189		997.1	1015.2	19.2		16.7		13	183			196	55
60402 BEJAIA-AEROPORT	3643N	00504E	3		1013.4	1014.2	20.0	.3	17.4		13	122	33	5	205	65
60403 GUELMA	3628N	00728E	228		988.3	1014.7	18.8		15.6		9	143			212	60
60405 BOUCHEGOUF	3630N	00743E	111		1000.6	1013.5	20.2		16.0		12	129				
60415 AIN-BESSAM	3619N	00332E	748		930.5	1511 Y	16.0		13.2		8	74			210	60
60419 CONSTANTINE	3617N	00637E	694		936.3	1015.0	15.7	-.7	13.1		12	142	104	6	211	60
60421 OUM EL BOUAGHI	3552N	00707E	891		913.6	1500 Y	15.4		12.6		9	117			212	60
60423 SOUK AHRAS	3617N	00758E	680		918.7	1479 Y	15.8		13.7		9	141			221	
60425 CHLEF	3613N	00120E	144		995.3	1014.3	19.8	-.5	15.8		10	60	9	4	218	60
60430 MILIANA	3618N	00214E	721		933.5	1015.1	16.7	-1.0	13.3		9	104	36	4	225	65
60437 MEDEA	3617N	00244E	1036		896.5	1481 Y	13.8		11.8		9	112			227	
60444 BORDJ-BOU-ARRERIDJ	3604N	00446E	930		908.3	1515 Y	15.7		11.6		7	49			231	65

SURFACE

OCTOBER 2018

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.
60445 SETIF	3611N	00515E	1040		901.4	1506 Y	14.1		10.3		8	64			227	65
60452 ARZEW	3549N	00016W	4		1012.7	1013.2	20.7		18.6		11	86				
60457 MOSTAGANEM	3553N	00007E	138		997.7	1014.1	18.8		15.8		8	52			228	65
60468 BATNA	3545N	00619E	826		921.4	1502 Y	15.2	.7	12.3		8	65	38	5	217	
60475 TEBESSA	3525N	00807E	823		922.6	1508 Y	15.9	-2	12.7		8	91	68	5	213	60
60476 KHENCHELLA	3528N	00705E	987		904.0	1503 Y	14.5		11.7		10	97			166	60
60490 ORAN-SENIA	3538N	00036W	91		1003.5	1014.2	19.5	.2	16.1		10	123	92	5	223	65
60507 MASCARA-GHRISS	3513N	00009E	513		956.1	1014.7	17.8		13.4		10	66			233	65
60511 TIARET	3521N	00128E	978		904.8	1505 Y	14.5		11.8		12	94			231	65
60514 KSAR CHELLALA	3510N	00219E	801		925.8	1519 Y	16.3		11.6		8	41			237	70
60515 BOU-SAADA	3520N	00412E	461		961.8	1014.8	19.1		14.5		4	23			226	65
60517 GHAZAOUET	3506N	00152W	5		1013.5	1014.6	20.0		17.9		10	75				
60518 BENI-SAF	3518N	00121W	70		1004.1	1012.3	20.5		17.6		10	124			221	65
60520 SIDI-BEL-ABBES	3512N	00037W	476		958.6	1014.4	17.3		13.6		6	53			224	65
60525 BISKRA	3448N	00544E	89		1004.0	1014.5	22.1	-2	14.6		4	37	21	4	238	70
60531 TLEMEN-ZENATA	3501N	00128W	247		986.0	1014.6	18.6		14.2		9	81			225	65
60535 DJELFA	3420N	00323E	1185		883.1	1505 Y	13.6	-7	10.5		5	50	25	5	219	65
60536 SAIDA	3452N	00009E	752		929.7		16.9		11.6		8	42			232	
60540 EL-KHEITER	3409N	00004E	1001		900.8	1490 Y	16.1		10.8		5	20				
60549 MECHERIA	3335N	00017W	1150		891.9	1530 Y	16.2		10.3		8	51			235	65
60550 EL-BAYADH	3340N	00100E	1347		865.1	1509 Y	13.7		9.6		11	82			231	65
60555 TOUGGOURT	3307N	00608E	92		1003.5	1014.2	22.5		12.7		1	1			240	75
60557 NAAMA	3316N	00018W	1166		885.4	1511 Y	15.6		10.1		8	74			231	
60559 EL-OUED	3330N	00647E	69		1006.1	1013.9	22.6	.6	13.7		2	4	-3	4	197	65
60560 AIN-SEFRA	3246N	00036W	1059		895.0	1514 Y	17.4		11.3		5	19			245	70
60563 HASSIR'MEL	3256N	00317E	764		928.1	1514 Y	18.5		11.3		1	6			207	70
60566 GHARDAIA	3224N	00348E	469		961.2	1014.5	21.8	.2	10.0		1	3	-4	3	270	
60571 BECHAR	3130N	00215W	816		922.7	1520 Y	21.6	.4	10.5		2	3	-7	5	286	80
60580 OUARGLA	3156N	00524E	148		996.8	1013.8	23.2		10.2		0	0			248	70
60581 HASSI-MESSAOUD	3140N	00609E	144		997.1	1013.9	23.7	.7	9.8		0	0	-4	2	26	
60590 EL-GOLEA	3034N	00252E	403		968.6	1014.3	22.3	.6	11.8		1	1	-1	4	267	75
60602 BENI-ABBES	3008N	00210W	505		954.1	1011.9	23.4	.2	9.1		2	6	-2	5	278	80
60607 TIMIMOUN	2915N	00017E	317		977.2	1013.0	24.5	.7	8.4		0	0	-2	3	269	75
60611 IN-AMENAS	2803N	00938E	562		949.9	1012.5	24.8	1.9	10.7		3	11	8	5	260	
60620 ADRAR	2753N	00011W	283		980.4	1012.4	25.6	.6	9.3		0	0	-1	4	261	75
60630 IN-SALAH	2714N	00230E	269		981.9	1012.1	27.2	.3	6.7		0	0	-1	4	277	100
60640 ILLIZI	2630N	00825E	544		951.2	1011.4	27.0		10.3		0	0			237	
60656 TINDOUF	2742N	00810W	443		962.4	1012.7	23.5		12.1		6	25			244	70
60670 DJANET	2416N	00928E	970			1527 Y	26.4	2.1	11.1		2	6	4	5	259	90
60680 TAMANRASSET	2248N	00526E	1364		864.9	1529 Y	24.1	1.7	6.8		0	0	-3	2	271	95
TUNISIA																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1013.4	1013.9	21.2	.8	17.7		6	138	73	5	194	89
60725 JENDOUBA	3629N	00848E	144		997.4	1014.0	20.4	1.0	15.0		6	109	62	5	108	52
60735 KAIROUAN	3540N	01006E	68		1006.5	1014.5	22.1	1.3	16.3		7	79	30	5	108	46
60745 GAFSA	3425N	00849E	314		978.4	1014.5	20.3	.5	13.9		8	36	15	5	222	87

SURFACE

OCTOBER 2018

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.
NIGER																
61017 BILMA	1841N	01255E	357		969.1	1008.0	31.3		13.9		1	5		5	272	90
61024 AGADEZ	1658N	00759E	502		953.9	1008.3	32.5		18.9		2	50		2	236	85
61036 TILLABERY	1412N	00127E	210		985.9	1009.2	30.3		28.2		10	791		4	251	100
61043 TAHOUA	1454N	00515E	391		965.9	1008.1	29.5		24.8		9	74		4	256	100
61045 GOURE	1359N	01018E	464		960.3	1010.9	28.7		24.8		6	73		4	243	
61049 N'GUIGMI	1415N	01307E	286				30.3		24.4		3	45		5	263	100
61052 NIAMEY-AERO	1329N	00210E	227		985.0	1010.0	30.0		27.0		7	99		4	262	100
61053 DOSSO	1302N	00318E	213		984.3	1008.9	28.1		28.8		10	93			242	
61075 BIRNI-N'KONNI	1348N	00515E	273		979.6	1009.8	29.2		27.7		7	106		3	244	90
61080 MARADI	1328N	00705E	373		968.6	1009.9	27.9		28.1		10	203		5	245	95
61085 DIFFA	1325N	01247E	305		975.4	1009.2	28.8		27.9		10	51		4		
61090 ZINDER	1347N	00859E	453		959.3	1009.2	28.7		26.2		8	160		5	236	90
61091 MAGARIA	1259N	00856E	403		965.7	1010.1	28.4		26.8		6	60		5	245	95
61096 MAINE-SOROA	1314N	01159E	338			1009.2	28.5		26.3		7	87		5	248	100
61099 GAYA	1153N	00327E	203		986.4	1009.6	27.8		30.4		15	166		4	212	90
MALI																
61230 NIORO DU SAHEL	1514N	00921W	237		976.6	1010.9	31.6	1.9	19.5		0	0	-26		238	92
61233 NARA	1510N	00717W	271		973.8	1010.3	30.9	1.2	18.1		3	11	0	5	243	92
61257 KAYES	1426N	01126W	47		1004.6	1003.1	30.1	.6	29.4		3	66	30	5	239	91
61265 MOPTI	1431N	00406W	276		979.1	1009.1	29.7	.7	25.6		1	10	-8	0	268	96
61270 KITA	1304N	00928W	334		973.9	1010.8	29.1	1.8	27.5		3	23	-41	5	254	100
61272 SEGOU	1324N	00609W	289				28.9	.7	26.2		0	0	-25		150	55
61277 SAN	1320N	00450W	284			1010.1	29.7	.9	27.2		3	231	205		267	98
61285 KENIEBA	1251N	01114W	132		995.8	1010.7	28.4	.7	29.7		7	73	-10	3	247	111
61291 BAMAKO/SENOU	1232N	00757W	381		970.0	1010.6	26.0	-1.7	27.5		13	238	173	0	201	79
61293 KOUTIALA	1223N	00528W	367		969.4	1009.9	28.8	1.3	26.8		7	55	10	4	269	99
61296 BOUGOUNI	1125N	00730W	351		971.6	1010.7	27.7	.7	28.9		9	125	53	0	236	94
61297 SIKASSO	1121N	00541W	375		964.4	1010.4	27.8	.4	24.4		4	98	26		255	105
MAURITANIA																
61415 NOUADHIBOU	2056N	01702W	5		1013.4	1013.9	24.0		21.6		01	1				
61442 NOUAKCHOTT	1806N	01557W	3		1010.9	1011.2	28.6		21.8						256	
GUINEA-BISSAU																
61766 BISSAU (AEROPORTO INT. OSVAL)	1153N	01539W	39		1006.9	1011.2	28.5		30.0		15	182				
OCEAN ISLANDS																
61901 ST. HELENA IS.	1556S	00540W	436		965.5	1017.6	16.8				5	16				
61968 ILES GLORIEUSES	1130S	04712E	4		1014.1	1014.6	26.6		24.5		3	11				
61970 ILE JUAN DE NOVA	1700S	04242E	10		1014.4	1015.5	26.5		23.7							

SURFACE

OCTOBER 2018

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.
61972 ILE EUROPA	2218S	04018E	6		1016.4	1017.1	24.2		20.6		3	8				
61976 SERGE-FROLOW (ILE TROMELIN)	1548S	05430E	13		1015.7	1016.6	25.8		23.8		2	56				
61980 SAINT-DENIS/GILLOT (REUNION)	2053S	05532E	20		1016.4	1017.9	23.2		19.9		11	108			203	
61996 MARTIN DE VIVIES (ILE AMSTER)	3748S	07730E	29		1016.0	1019.6	13.1		12.5		15	60	-25		130	92
61998 PORT-AUX-FRANCAIS (ILES KERG)	4918S	07012E	29		999.3	1003.0	3.4	.1	5.6		5	31	-23		172	114
OCEAN ISLANDS (USA)																
61902 WIDE AWAKE FIELD (ASCENSION)	0758S	01424W	79		1004.4	1014.7	25.4		22.3		1	2				
MAURITIUS																
61974 AGALEGA	1026S	05645E	3		1013.2	1013.7	27.3	1.3	28.3	1.7	7	91	12	4	225	90
61988 RODRIGUES	1941S	06325E	59		1011.7	1018.0	24.1	1.2	22.9	2.3	5	48	10	4	280	101
61990 PLAISANCE (MAURITIUS)	2026S	05741E	57		1012.5	1018.4	23.8	1.4	21.1	.0	3	18	-49	1	227	97
61995 VACOAS (MAURITIUS)	2018S	05730E	425		969.8		20.8	8.5	19.5		7	54		3	214	90
LIBYA																
62002 NALUT	3152N	01059E	621		945.1	1535 Y	21.3		13.4		3	37		4	129	50
62007 ZUARA	3253N	01205E	3		1014.6	1015.0	23.6		22.5		4	39		3		
62008 YEFREN	3205N	01233E	691		936.6	1525 Y	20.1		15.0		6	141				
62012 EL KHOMS	3238N	01418E	22		1012.1	1015.2	23.7		22.4		7	57				
62016 MISURATA	3225N	01503E	32		1014.4	1017.3	23.2		20.4		6	39		4	227	95
62019 SIRTE	3112N	01635E	14								5	25		3		
62053 BENINA	3206N	02016E	132		1000.7	1016.3	23.2		18.1		4	25		4		
62062 TOBRUK	3206N	02356E	51		1010.8	1016.8	23.6		19.8		2	9			134	
62103 GHADAMES	3008N	00930E	347								1	2		4	134	50
62131 HON	2907N	01557E	267								2	10		5		
62161 JALO	2902N	02134E	60		1008.0	1013.3	26.5		15.6		0	0		4		
EGYPT																
62306 MERSA MATRUH	3120N	02713E	28		1016.1	1017.6	23.4	1.8	19.7	1.5	0	0		0	279	104
62318 NOUHA	3112N	02957E	7		1015.5	1015.3	24.6	2.6	19.0	.7	0	0		0		
62387 MINYA	2805N	03044E	40		1009.2	1019.6	21.3	-1.7	21.8	6.9	0	0		0		
62417 SIWA	2912N	02519E	-13		1017.4	1016.0	25.3	2.5			0	0		0	308	105
62423 FARAFRA	2703N	02759E	78		1006.1	1015.1	24.2	1.1			0	0		0	310	95
62435 KHARGA	2527N	03032E	78		1003.3	1012.3	28.2	1.9	13.1	-6	0	0		0	305	97
62467 DAHAB	2829N	03430E	19		1008.8	1010.8	28.4				0	0		0	299	90
62476 SHALATIN	2308N	03535E	21		1008.2	1010.7	28.8				1	2		3	301	90
SUDAN																
62600 WADI HALFA	2149N	03121E	190		990.2	1010.1	30.7	1.9	17.4		0	0	-T	5		
62640 ABU HAMED	1932N	03319E	312		973.0	1007.5	33.1	1.6	17.3		0	0	-1	0		
62641 PORT SUDAN	1935N	03713E	42		1005.5	1010.7	30.8	1.5	27.4		5	0080	0067	5		
62650 DONGOLA	1910N	03029E	226		982.5	1008.1	31.8	2.4	11.1		0	0	-1	1		

SURFACE

OCTOBER 2018

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.
62660 KARIMA	1833N	03151E	249		979.8	1009.6	32.6	1.1	11.8		1	30	29	5	307	
62680 ATBARA	1742N	03358E	347		969.7	1007.5	33.3	1.2	15.3		0	0	-1	0		
62721 KHARTOUM	1536N	03233E	382		965.2	1009.9	33.1	.7	12.7		0	0	-4	0		
62730 KASSALA	1528N	03624E	500		957.1	1012.1	31.7	.2	17.8		3	12	3	4	317	85
62733 HALFA EL GAIDIDA	1519N	03536E	451		957.7	1007.3	30.5	-.3	19.7		3	163	156	5		
62750 ED DUEIM	1400N	03220E	378		952.4	1007.4	31.4	.2	18.0		1	12	7	0		
62751 WAD MEDANI	1424N	03329E	408		963.0	1007.9	30.3	.3	19.0		2	38	22	2		
62752 GEDAREF	1402N	03524E	599		941.3	1007.1	29.7	.4	22.3		8	412	381	4		
62760 EL FASHER	1337N	02520E	733		929.4	1008.1	28.3	.8	13.3		0	0	-7	0	150	440
62762 SENNAR	1333N	03337E	418		959.5	1005.9	29.0	-.9	22.7		3	267	254	4	120	70
62770 GENINA	1329N	02227E	805		922.0	1008.6	31.0	4.3	11.1		1	167	158	4		
62771 EL OBEID	1310N	03014E	574		944.1	1007.2	29.8	.4	16.3		4	105	91	4	274	375
62772 AROMA	1310N	03240E	381		965.5	1007.9	30.4	1.1	21.5		3	366	356	6		
62781 EN NAHUD	1242N	02826E	565		946.7	1009.2	29.9	.7	15.6		4	99	86	3		
62790 NYALA	1203N	02453E	643		937.9	1008.6	28.9	1.2	11.3		2	60	42	3		
62795 ABU NA'AMA	1244N	03408E	445		958.1	1007.2	29.1	.2	23.5		0	0	-33	0		
62803 RASHAD	1152N	03103E	885				29.1	2.2	19.3		6	0057	-023	3		
62805 DAMAZINE	1147N	03423E	474		955.9	1007.0	29.1	.9	24.9		1	58	13	1		
62809 BABANUSA	1120N	02749E	453		958.7	1008.1	30.8	1.3	18.9		4	154	132	2		
62810 KADOGLLI	1100N	02943E	499				30.8	3.1	22.7		7	0071	0010	3		
ETHIOPIA																
63331 GONDAR	1233N	03725E	1967		808.5	1023.9	20.8		15.4		8	554		3	203	
63402 JIMMA	0740N	03650E	1725		840.8	1004.5	19.4		16.6		10	0114		4	224	
KENYA																
63612 LODWAR	0307N	03537E	506				31.2	1.1	18.2	.7	0	0	-10	2		
63619 MOYALE	0332N	03902E	1097		892.1		21.8		18.8		8	0102				
63624 MANDERA	0356N	04152E	331		986.3		31.3		21.8		2	0069				
63661 KITALE	0101N	03500E	561		817.5		19.7	1.4	16.5	3.2	15	0193	0102			
63686 ELDORET	0032N	03517E	2133				18.1		12.7		6	0077				
63723 GARISSA	0028S	03938E	128				28.5	-1.2	22.6	.2	1	38				
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		840.3		22.1		14.9		6	0024				
63799 MALINDI	0314S	04006E	23		1013.7	1011.1	26.2		27.4		10	0129				
63820 MOMBASA INTERNATIONAL	0402S	03937E	6		1014.5	1007.8	25.9	.2	27.0	3.0	9	0278	0175	6		
DEMO. REPUBLIC OF THE CONGO																
64210 KINSHASA/N'DJILI	0423S	01526E	312		1010.3		26.3		26.1		11	234				
RWANDA																
64387 KIGALI	0158S	03007E	1497		851.3	1507 Y	21.5		16.8		11	430	328			
CONGO																

SURFACE

OCTOBER 2018

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		1012.9	1011.0	24.7		25.9		3	14		4	62	85
64401 DOLISIE	0412S	01242E	331		974.4	1011.4	24.3		23.3		1	22		5	106	
64402 MOUYONDZI	0400S	01357E	512		953.2	1009.7	24.6		23.1		1	1		0		
64403 MAKABANA	0329S	01237E	161				25.8		25.2		1	18		4	56	
64450 BRAZZAVILLE /MAYA-MAYA	0415S	01515E	319		974.8	1009.9	26.5		25.1		10	254		4	157	105
64452 M'POUYA	0237S	01613E	313				26.6		25.8		11	65				
64453 DJAMBALA	0232S	01446E	791				23.4		23.2		11	111		2	159	
64454 GAMBOMA	0154S	01551E	476				26.2		25.4		12	185		3	171	
64456 MAKOUA	0001S	01539E	394				25.0		26.5		15	272				
64458 OUESSO	0137N	01603E	352		970.6	1009.1	25.2		26.2		13	196		2	177	
64459 IMPFONDO	0137N	01804E	335		974.6	1011.1	25.1		26.9		15	206		3		
64460 SOUANKE	0204N	01402E	550				24.0				15	145				
GABON																
64500 LIBREVILLE	0027N	00925E	15		1010.8	1012.1	26.8	1.1	30.6		13	240	-187		130	116
64501 PORT-GENTIL	0042S	00845E	4		1011.5	1012.4	26.3	.4	29.7		6	36	-143		144	124
64510 BITAM	0205N	01129E	600								18	238	-44			
64551 LAMBARENE	0043S	01014E	27								6	122	-225			
64556 MAKOKOU	0034N	01252E	515								6	18	-279			
CENTRAL AFRICAN REPUBLIC																
64600 BERBERATI	0415N	01548E	583		944.1	1007.7	25.2		23.5		8	117			191	
64601 BOUAR	0558N	01538E	1020		899.6	1510 Y	22.3		21.5		11	160				
64650 BANGUI	0424N	01831E	366		967.7	1008.2	27.0		26.7		11	144			208	
CHAD																
64700 NDJAMENA	1208N	01502E	295		975.3	1008.5	29.8		23.0	4.3	2	12	-8	6	294	103
64709 PALA	0922N	01458E	467				27.6		6.2		5	48				
64750 SARH	0909N	01823E	365		969.4	1010.0	26.3		26.7	.4	10	99	44	6	189	81
EQUATORIAL GUINEA																
64810 MALABO	0345N	00846E	56		1008.8		26.1		29.6		13	103			91	
64820 BATA (RIO MUNI)	0154N	00948E	8		1010.8	1011.9	25.6		29.5		17	450				
CAMEROON																
64910 DOUALA OBS.	0400N	00944E	10		1010.3	1011.3	26.2	.1	29.6	1.3	19	377	-32	1	163	124
BENIN																
65306 KANDI	1108N	00256E	292		979.6	1010.3	28.0	.2	27.9	3.1	4	34	0	3	265	96
65335 SAVE	0802N	00228E	200		988.5	1010.7	26.5	-.2	28.1	1.4	12	146	36	5	211	120
65344 COTONOU	0621N	00223E	9		1010.0	1011.1	27.8	1.1	31.0	1.7	9	169	43	4	206	100

SURFACE

OCTOBER 2018

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.
TOGO																
65351 DAPAON	1052N	00015E	330				27.9		29.1		5	47		3		
65352 MANGO	1022N	00028E	146				28.2	.3	31.1		7	82	13	4	74	29
65355 NIAMTOUGOU	0946N	00106E	343			996.0	1001.1	25.8	27.9		16	219		5	217	
65357 KARA	0933N	00110E	341			972.3	1011.0	27.0	28.4		10	151		5	128	
65361 SOKODE	0859N	00109E	387					26.1	28.0		12	156	40	1		
65376 ATAKPAME	0735N	00107E	402			965.5	1011.3	26.1	26.6	.7	9	123	0	4	218	107
65380 TABLIGBO	0635N	00130E	44					27.0	29.8	.0	12	211	83	5		
65387 LOME	0610N	00115E	25			1008.4	1011.1	27.8	32.5	1.2	6	122	48	5	221	101
BURKINA FASO																
65501 DORI																
65502 OUAHIGOUYA	1402N	00002W	277			987.6	1009.2	31.5	21.8		4	0026			280	95
65503 OUAGADOUGOU	1334N	00225W	337			971.9	1008.9	29.9	23.2		5	68		6	278	80
65505 DEDOUGOU	1221N	00131W	316			976.0	1009.8	29.8	25.1		5	25		3	267	95
65507 FADA N'GOURMA	1228N	00329W	300			976.6	1009.9	28.9	26.8		4	78		5	259	95
65510 BOBO-DIOULASSO	1202N	00022E	309			975.3	1009.6	28.7	27.0		6	68		5	250	90
65516 BOROMO	1110N	00419W	460			959.6	1010.4	27.1	26.5		9	143		5	231	90
65518 PO	1145N	00256W	271			979.7	1009.9	28.3	27.3		5	53		4	250	95
65522 GAOUA	1109N	00109W	322			973.4	1009.2	28.0	28.0		6	36		3	257	90
	1020N	00311W	335			978.0	1010.5	27.2	27.8		11	116		5	227	90
COTE D'IVOIRE																
65578 ABIDJAN	0515N	00356W	8			1011.0	1011.8	27.2	30.8	1.8	8	198	61	3	188	92
COMOROS																
67002 HAHAYA INT. AIRPORT	1132S	04316E	29			1011.2	1015.5	25.7	24.3		4	133			267	
67005 PAMANDZI (MAYOTTE)	1248S	04517E	7			1014.1	1014.9	26.6	25.4		2	4			267	
MADAGASCAR																
67027 MAHAJANGA	1540S	04621E	26			1011.9	1013.9	27.3	23.6	-4	2	16	-3	4	322	101
67083 ANTANANARIVO/IVATO	1848S	04729E	1279			875.4	1535 Y	19.2	15.8	.7	4	39	-36	4	270	108
67095 TOAMASINA	1807S	04924E	6			1016.4	1017.0	23.7	24.1	.9	18	57	-75	2	244	105
67197 TAOLAGNARO	2502S	04657E	9			1015.7	1016.7	22.7	21.3	-4	8	48	-51	1	237	99
MOZAMBIQUE																
67215 PEMBA	1259S	04032E	101			1005.1	1016.3	25.4			1	2				
67217 LICHINGA	1318S	03514E	1365			870.1	1562 Y	20.1	16.0		5	94				
67223 MONTEPUEZ	1308S	03902E	535			949.8		26.4	24.2		0	0		0		
67237 NAMPULA	1506S	03917E	441			966.2	1017.2	24.8	19.5		2	8		2	245	85
67261 TETE	1611S	03335E	150			996.0		28.6	20.3		2	8			283	
67283 QUELIMANE	1753S	03653E	16			1015.3	1017.2	25.3	23.3		4	27				
67295 CHIMOIO	1907S	03328E	732			941.0		21.3	17.8		4	7			264	

SURFACE

OCTOBER 2018

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.
67297 BEIRA	1948S	03454E	16		1015.6	1017.4	24.6		22.7		3	16		2		
67315 VILANCULOS	2200S	03519E	21		1016.7	1018.4	25.0		22.3		2	21				
67323 INHAMBANE	2352S	03523E	15		1018.0	1019.6	23.9		20.1		4	68		5	271	
67335 XAI XAI	2503S	03338E	5		1014.8	1016.5	22.2		19.7		8	78		4	237	
67341 MAPUTO/MAVALANE	2555S	03234E	44								6	46		1		
ZAMBIA																
67743 LIVINGSTONE	1749S	02549E	986		906.6	1548 Y	25.6	-6	8.0		0	0	-24	1		
SOUTH AFRICA																
68174 PIETERSBURG	2350S	02925E	1228		883.0	1554 Y	19.6		11.0		1	5	1	1	302	114
68242 MMABATHO	2547S	02532E	1281		876.9	1551 Y	21.8		7.5		1	5			310	
68424 UPINGTON	2825S	02116E	851		922.1	1552 Y	24.2		7.2		0	0	0	2	306	93
68438 KIMBERLEY	2848S	02446E	1204		884.7	1543 Y	21.6		6.5		1	2	-1	1	321	105
68442 BLOEMFONTEIN AIRPORT	2906S	02618E	1359				18.3		7.6		3	23	19	3	315	109
68461 BETHLEHEM	2815S	02820E	1690		837.0	1558 Y	15.7		9.2		4	32		2	286	110
68512 SPRINGBOK	2940S	01754E	1007		904.1	1542 Y	21.4		7.5		0	0		1	332	
68538 DE AAR	3039S	02400E	1287		875.6	1541 Y	19.6		6.9		1	78		5	344	
68592 KING SHAKA INT'L AIRPORT	2936S	03107E	109				19.0		16.7		10	80			232	
68618 CALVINIA	3128S	01946E	975		908.4	1551 Y	19.7		7.7		1	1		2	346	105
68816 CAPE TOWN INTNL. AIRPORT	3358S	01836E	46				19.6		13.6		3	11	8	1	314	113
68828 GEORGE AIRPORT	3401S	02223E	191				17.3		14.2		8	40			226	105
68842 PORT ELIZABETH	3359S	02537E	69				18.3		14.9		6	24	19	1	273	116
68858 EAST LONDON	3302S	02750E	131				18.3		14.7		6	60	50	2	277	133
68906 GOUGH ISLAND	4021S	00953W	54		1008.6	1015.1	10.9		10.1		21	422	393	5	130	102
68994 MARION ISLAND	4653S	03752E	22		1011.7	1014.6	5.7		7.4		11	144	127	2	108	79
N AMERICA																
USA (ALASKA)																
70026 BARROW/W. POST W. ROGERS	7117N	15647W	12		1013.9	1011.5	-3.2	7.1	4.6							
70086 BARTER ISLAND	7008N	14338W	15				-5.1									
70133 KOTZEBUE, RALPH WIEN	6653N	16236W	5		1004.7	1005.5	.5	5.6	4.8		5	20	2	4		
70200 NOME, AK	6430N	16526W	6		1001.1	1002.1	3.6	5.8	6.8		11	43	9	4		
70219 BETHEL/BETHEL AIRPORT, AK	6046N	16150W	44		994.3	999.9	5.0	6.4	7.4		12	52	16	5		
70231 MCGRATH, AK	6257N	15530W	103		991.2	1004.2	2.3	6.4	5.8		8	54	19	5		
70251 TALKEETNA	6218N	15000W	109		991.3	1004.8	4.9	5.3	6.3		12	78	0	3		
70261 FAIRBANKS/INT., AK	6448N	14750W	135		988.9	1006.1	1.5	5.3	5.0		6	13	-9	2		
70273 ANCHORAGE/INT., AK	6109N	14950W	50		998.9	1003.9	7.1	5.7	7.7		10	72	21	5		
70308 ST. PAUL ISLANDS, AK	5709N	17013W	10		997.2	997.3	6.3	3.1	8.8		19	102	31	5		
70316 COLD BAY, AK	5512N	16240W	31		994.0	998.1	7.0	2.8	8.8		20	170	60	5		
70326 KING SALMON, AK	5840N	15630W	14		997.3	999.1	7.0	6.8	7.9		14	104	52	6		

SURFACE

OCTOBER 2018

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.
70341 HOMER/MUNICIPAL	5938N	15130W	24		999.9	1002.7	7.1	4.0	8.6		13	113	31	5		
70361 YAKUTAT, AK	5931N	13940W	13		1008.0	1009.3	8.1	3.2	9.5		21	579	-4	4		
USA																
72201 KEY WEST/INT., FL	2433N	08145W	5		1014.3	1015.2	28.6	1.9	27.8		9	81	-31	2		
72202 MIAMI, FL	2545N	08023W	5		1014.5	1015.8	27.4	1.7	26.9		7	45	-98	1		
72203 WEST PALM BEACH/ INT. FL.	2641N	08006W	7		1015.2	1016.1	27.0	1.6	26.1		8	51	-116	1		
72205 ORLANDO/JETPORT FL.	2826N	08119W	32		1012.9	1016.7	25.6	1.6	23.1		5	57	-4	3		
72206 JACKSONVILLE/INTNL.,	3029N	08142W	11		1016.0	1017.4	23.4	2.4	21.4		5	33	-40	2		
72207 SAVANNAH/MUNICIPAL,	3208N	08112W	15		1016.3	1018.2	22.3	2.7	19.7		6	71	11	4		
72208 CHARLESTON/MUN., SC.	3253N	08001W	15		1016.4	1018.2	22.0	2.7	19.8		6	58	-15	3		
72211 TAMPA/INT., FL.	2758N	08232W	8		1016.1	1016.6	26.7	2.9	23.1		7	36	-15	3		
72214 TALLAHASSEE/MUN.,	3023N	08421W	19		1014.5	1017.1	23.3	2.9	21.4		5	99	25	4		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110		1005.0	1018.1	20.5	2.3	17.2		8	117	62	5		
72218 AUGUSTA/BUSH FIELD,	3322N	08158W	45		1012.8	1018.2	20.4	2.7	18.3		6	116	44	5		
72219 ATLANTA/MUN., GA.	3339N	08425W	315		981.8	1018.7	19.7	2.9	15.4		6	121	44	5		
72223 MOBILE/BATES FIELD,	3041N	08815W	67		1009.3	1017.4	23.1	2.9	21.3		3	50	-24	3		
72226 MONTGOMERY/DANNELLY,	3218N	08624W	67		1010.6	1018.1	21.3	2.5	18.5		6	64	2	4		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9		1015.8	1017.1	24.8	4.2	24.4		9	130	53	5		
72234 MERIDIAN/KEY, MS.	3220N	08845W	94		1006.4	1018.0	21.0		17.9		3	46		3		
72235 JACKSON/ALLEN C. THOMPSON FI	3219N	09004W	91		1005.7	1017.8	20.3	2.1	18.1		3	27	-55	2		
72240 LAKE CHARLES/MUN.,	3007N	09312W	5		1016.0	1017.4	23.0	2.4	22.9		12	118	18	4		
72242 GALVESTON, TX.	2918N	09448W	16		1015.6		24.4	1.7			8	260	188	6		
72243 HOUSTON/INTERCONTINENTAL, TX	2958N	09521W	33		1012.3	1016.3	22.4	1.5	22.7		11	178	70	5		
72244 HOUSTON, TX WM P HOBBY ARPT	2938N	09516W	15		1014.1	1016.5	23.0		21.1		9	175				
72248 SHREVEPORT/REG., LA.	3227N	09350W	85		1007.6	1017.1	20.2	1.0	18.7		14	221	127	5		
72250 BROWNSVILLE/INT., TX	2555N	09725W	8		1013.8	1014.7	25.0	.7	26.1		6	33	-38	2		
72251 CORPUS CHRISTI/INT.,	2746N	09730W	15		1013.4	1015.1	22.9	-4	23.8		13	66	-10	3		
72253 SAN ANTONIO/INT.,	2932N	09828W	247		987.3	1015.3	21.0	-2	19.3		13	164	84	5		
72254 AUSTIN/CTY, TX.	3018N	09742W	193		993.1	1016.5	21.1	-6	19.1		14	197	110	5		
72255 VICTORIA/VICTORIA REGIONAL,	2851N	09655W	36		1011.3	1015.8	22.4	.3	22.2		11	160	73	5		
72256 WACO, MADISON-COOPER,	3137N	09713W	157		998.4	1016.6	19.9	-4	18.3		13	319	234	6		
72258 DALLAS, TX DALLAS LOVE FIELD	3250N	09651W	156		999.3	1016.9			17.6		13	416				
72259 DALLAS-FORT WORTH/FORT WORTH	3254N	09702W	182		995.0	1016.4	19.0	-6	16.7		13	398	309	6		
72263 SAN ANGELO/MATHIS,	3122N	10030W	584		949.8	1016.4	18.3	-7	17.0		11	289	228	6		
72265 MIDLAND/MIDLAND REG. AIR TER	3156N	10210W	875		917.2	1015.0	17.6	-2	14.9		12	138	94	6		
72266 ABILENE/MUN., TX.	3225N	09941W	546		953.7	1016.3	17.7	-1.4	16.2		13	307	244	6		
72267 LUBBOCK/LUBBOCK INTERNATIONA	3339N	10140W	996		904.7	1015.7	15.1	-1.2	12.7		10	118	71	5		
72270 EL PASO/INT., TX.	3148N	10620W	1206		881.9	1012.7	18.5	.7	10.4		6	62	43	6		
72272 DOUGLASS BISBEE, AZ INTL ARP	3128N	10936W	1251		875.4	1012.8	16.3		11.5		3	76				
72274 TUCSON/INT., AZ.	3207N	11050W	788		924.6	1011.6	20.9	-4	12.9		9	73	47	5		
72278 PHOENIX/SKY HARBOR,	3326N	11200W	344		972.0	1010.5	23.2	-4	14.4		5	136	120	6		
72290 SAN DIEGO/LINDBERGH,	3244N	11710W	9		1012.5	1013.5	20.7	.9	14.7		2	15	6	5		
72295 LOS ANGELES /INT.,	3356N	11820W	38		1001.4	1012.9	20.4	1.1	14.3		2	15	7	5		
72301 HICKORY, NC HICKORY RGNL ARP	3544N	08123W	357		976.5	1018.0			15.4		7	153				
72304 CAPE HATTERAS, NC.	3516N	07533W	3		1018.2	1018.6	21.2	2.6	18.3		6	89	-37	2		

SURFACE

OCTOBER 2018

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.
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134		1003.0	1018.9	16.7	1.1	15.8		5	116	44	5		
72307 ELIZABETH CITY, NC CG AIR ST	3615N	07610W	12		1018.0	1018.5	18.5		15.5		5	41				
72308 NORFOLK/INT., VA.	3654N	07612W	9		1017.4	1018.3	18.7	2.5	15.7		5	58	-22	2		
72310 COLUMBIA, SC.	3357N	08107W	72		1010.0	1018.3	20.3	2.9	18.3		4	162	85	5		
72312 GREENVILLE/GREENVILLE SPARTA	3454N	08213W	296		984.1	1018.8	17.9	2.1	15.2		5	164	63	5		
72314 CHARLOTTE/DOUGLAS,	3513N	08056W	234		991.3	1018.9	17.8	1.5	16.0		6	134	49	5		
72315 ASHEVILLE/MUN., NC.	3526N	08233W	661		943.1	1019.2	16.0	2.7	13.7		6	149	58	5		
72316 ALMA, GA BACON COUNTY ARPT	3132N	08230W	44		1010.0	1017.7	22.4		18.9		4	30				
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	277		986.8	1018.6	16.6	1.8	15.1		6	184	96	5		
72319 ANDERSON RGNL ARPT	3429N	08242W	240		990.9	1018.5			15.0		5	92				
72323 HUNTSVILLE/MADISON CO., AL.	3439N	08646W	196		995.4	1018.7	19.0	2.8	16.3		7	59	-23	3		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210		994.5	1019.3	18.2	2.4	14.2		6	66	-15	3		
72325 CROSSVILLE, TN	3557N	08505W	571		953.1	1019.6	14.6		13.6		9	60				
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299		983.7	1018.9	16.7	2.0	15.0		7	76	4	4		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180		997.2	1019.2	17.2	1.4	14.8		10	74	8	4		
72328 CLARKSVILLE, TN	3637N	08724W	171		998.6	1018.8	16.3		13.9		7	100				
72329 CAPE GIRARDEAU, MO	3713N	08934W	103		1005.6	1018.6	15.4		13.3		9	94				
72335 BRISTOL-JOHNSON-KINGSPORT, T	3628N	08223W	469		965.3	1018.5	15.5		14.7		9	82				
72340 LITTLE ROCK/ADAMS FLD,	3450N	09216W	173				17.4				10	257		6		
72344 FORT SMITH/MUN., AR.	3520N	09422W	143		1001.1	1017.9	17.6	.8	15.3		10	170	77	5		
72345 HARRISON, AR BOONE COUNTY AP	3615N	09309W	421		968.7	1018.3	15.4		14.1		9	126				
72351 WICHITA FALLS/SHEPS AFB/WICH	3358N	09829W	314		979.9	1016.7	17.2	-.9	15.9		10	214	145	6		
72353 OKLAHOMA CITY/W. ROGERS WORL	3523N	09736W	398		970.7	1017.3	15.4	-1.3	14.1		12	136	54	5		
72360 CLAYTON/MUN., NM.	3627N	10300W	1515		849.1	1016.6	11.4	-1.3	7.8		7	103	81	5		
72365 ALBUQUERQUE/INT., NM.	3502N	10630W	1619		838.7	1015.0	13.9	.0	8.6		5	51	29	5		
72366 CHILDRESS, TX CHILDRESS MUNI	3426N	10017W	595		948.4	1016.9	16.2		13.5		8	187				
72386 LAS VEGAS/MCCARRAN,	3605N	11510W	664		936.9	1012.6	21.1	.9	8.2		1	4	-1	3		
72389 FRESNO/AIR TERM.,	3646N	11940W	101		1002.2	1013.9	20.0	1.6	10.8		1	3	-10	3		
72398 SALISBURY, MD	3820N	07530W	20		1015.8	1018.4	15.8		15.4		7	220				
72399 HARRISBURG, PA	4011N	07645W	96		1006.1	1017.7	14.2		13.0		9	61				
72401 RICHMOND/BYRD, VA.	3730N	07720W	54		1012.3	1018.9	17.0	2.2	14.9		6	153	64	5		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20		1016.0	1018.5	17.0	1.6	14.1		5	78	2	4		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	48		1012.2	1017.9	15.2	1.5	14.3		8	68	-7	3		
72407 ATLANTIC CITY, NJ.	3927N	07434W	21		1015.1	1017.7	15.3	2.6	15.0		9	149	78	5		
72408 PHILADELPHIA/INT.,	3953N	07515W	9		1016.7	1017.9	14.9	1.3	13.0		9	78	12	4		
72411 ROANOKE/MUN., VA.	3719N	07958W	358		977.3	1019.5	15.9	2.3	14.0		10	132	35	4		
72412 BECKLEY (RALEIGH CTY. MEMORI	3747N	08107W	766		930.9	1019.4	12.6	1.3	12.0		10	66	-7	3		
72414 CHARLESTON/KANAWHA.,	3822N	08136W	299		983.3	1018.9	14.2	.8	14.1		11	71	-2	4		
72418 WILMINGTON, DE NEW CASTLE AP	3940N	07536W	23		1014.9	1018.1	14.8		13.9		8	72				
72419 JACKSON, KY JULIAN CARROL AP	3735N	08318W	414		970.5	1019.1	15.0		14.0		12	130				
72420 MANSFIELD, OH	4049N	08231W	396		970.4	1017.9	12.0		12.3		13	115				
72421 CINCINNATI/GREATER CINCINNAT	3903N	08440W	271		986.5	1018.3	14.1	1.3	13.5		7	43	-29	2		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301		983.3	1019.0	15.3		13.9		10	187		6		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	151		1000.9	1018.8	16.4	2.2	13.6		8	71	3	4		
72425 HUNTINGTON, WV.	3822N	08233W	255		988.4	1018.8	14.7	1.3	13.7		11	70	-1	3		
72427 OAK RIDGE, TN	3601N	08413W	279		986.6	1019.4			16.1		8	67				

SURFACE

OCTOBER 2018

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.
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08253W	254		988.4	1018.2	13.6	1.5	12.1		10	66	12	4		
72429 DAYTON/ COX, OH.	3952N	08407W	307		982.1	1018.6	12.7	.4	12.5		10	39	-24	2		
72432 EVANSVILLE/REG., IN.	3803N	08732W	127		1004.6	1019.0	14.8	.8	13.7		6	55	-17	3		
72434 ST.LOUIS/LAMBERT,	3845N	09022W	174		992.4	1018.2	15.3	.6	12.6		9	81	13	4		
72438 INDIANAPOLIS/I.-MUN/WEIR COO	3944N	08616W	246		988.8	1018.2	13.3	.7	12.3		9	62	-4	3		
72439 SPRINGFIELD/CAPITAL,	3745N	08940W	187		995.8	1018.3	12.8	-.3	12.6		9	85	19	4		
72442 ROLLA-VICHY, MO, ROLLA NAT A	3807N	09146W	344		977.3	1018.5	13.8		12.7		11	119				
72443 QUINCY, IL	3956N	09111W	237		990.0	1017.9	12.7		11.6		11	132				
72445 COLUMBIA/REGIONAL,	3849N	09213W	274		985.5	1018.2	14.1	.5	12.3		11	142	61	5		
72451 DODGE CITY/MUN., KS.	3745N	09958W	790		926.4	1017.6	12.0	-2.2	9.6		6	164	132	6		
72453 PONCA CITY, OK	3643N	09705W	309		981.5	1017.3			12.9		11	209				
72458 CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	453		964.6	1018.1	11.7	-1.7	10.3		9	134	84	5		
72476 GRAND JUNCTION/WALKER FIELD,	3907N	10830W	1474		853.1	1016.1	10.8	-1.8	8.6		10	70	46	5		
72477 EUREKA, NV RAMOS	3936N	11600W	1811		819.8	1017.6	6.8		5.4		4	26				
72483 SACRAMENTO/EXECUTIVE CA.	3831N	12130W	8		1013.2	1014.1	18.5	.6	10.8		1	1	-26	2		
72486 ELY/YELLAND, NV.	3917N	11450W	1909		810.0	1016.9	7.1	-.6	5.3		5	36	14	5		
72488 RENO/INT., NV.	3930N	11940W	1344		867.7	1017.1	12.4	2.0	5.5		3	7	-2	4		
72494 SAN FRANCISCO/INT.,	3737N	12220W	6		1014.3	1014.8	17.0	.9	13.5		1	4	-27	2		
72495 CONCORD, CA	3759N	12203W	12		1012.5	1013.3	19.4		11.0		0	0				
72503 NEW YORK/LA GUARDIA,	4046N	07354W	9		1015.7	1017.0	15.5	1.4	12.2		9	77	1	3		
72505 ISLIP, NY, LONG IS ARTHUR AP	4047N	07306W	44		1012.9	1016.9	13.5	.9	13.2		9	147	70	5		
72506 NEW YORK, NY CENTRAL PARK	4046N	07358W	48		1012.0	1017.1	14.3		12.7		10	91				
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19		1014.3	1016.7	11.7	-.3	12.3		12	154	61	5		
72508 HARTFORD/BRADLEY INTNL., CT.	4156N	07241W	55		1009.9	1016.7	11.4	.2	11.4		8	102	12	4		
72509 BOSTON/LOGAN INT.,	4222N	07102W	9		1015.0	1016.2	12.5	-.2	10.9		12	96	13	4		
72510 WORCESTER, MA WORCESTER RGNL	4216N	07152W	306		979.2	1016.6	9.1		10.7		10	113				
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	292		982.2	1017.2	11.5	.7	12.0		9	126	56	5		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497		957.5	1017.0	9.0	-.3	11.1		12	132	59	5		
72517 ALLENTOWN/A.-BETHLEHEM-EASTO	4039N	07526W	118		1003.3	1017.6	13.5	1.7	12.5		8	83	9	4		
72519 SYRACUSE/HANCOCK,	4307N	07607W	128		1001.1	1016.3	10.0	-.4	11.5		15	107	25	4		
72520 PITTSBURGH/GREATER PITTSBURG	4030N	08013W	373		974.2	1018.7	11.9	.6	12.2		14	91	32	5		
72521 AKRON/AKRON-CANTON REG. OH.	4055N	08126W	377		973.0	1017.9	12.2	.9	12.0		13	108	49	5		
72522 GLENN FALLS, NY	4320N	07336W	104		1003.9	1016.7	8.5		10.3		10	79				
72525 YOUNGSTOWN, OH.	4116N	08040W	365		974.5	1017.6	11.6	.9	12.7		15	96	30	4		
72528 BUFFALO/GREATER BUFFALO INT.	4256N	07843W	219		990.6	1016.6	10.3	-.3	11.0		13	108	30	4		
72529 ROCHESTER/ROCHESTER-MONROE C	4307N	07740W	171		996.2	1017.0	10.5	-.1	11.5		17	97	35	5		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205		992.4	1017.3	11.5	-.1	10.4		12	122	61	5		
72532 PEORIA/GREATER PEORIA MUN.,	4040N	08941W	202		993.8	1018.1	12.1	-.1	11.8		9	136	69	5		
72533 FORT WAYNE/MUN.,	4100N	08512W	252		987.6	1018.0	12.2	.6	12.5		9	88	25	4		
72535 SOUTH BEND/ST.JOSEPH CO., IN	4142N	08619W	241		989.4	1017.9	10.6	-.8	10.8		11	116	38	4		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211		992.0	1017.4	12.2	1.5	11.2		9	49	-4	3		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202		992.9	1017.3	11.5	.8	10.4		11	91	38	5		
72542 BURLINGTON, IA	4046N	09107W	212		992.0	1017.9	11.5		10.9		10	145				
72543 ROCKFORD/GREATER ROCKFORD, I	4212N	08906W	226		990.7	1018.1	9.8	-1.0	9.7		9	137	64	5		
72544 MOLINE/QUAD CITY,	4127N	09031W	181		995.7	1017.6	11.3	-.4	10.8		11	116	42	5		
72546 DES MOINES/MUN., IA.	4132N	09339W	294		982.6	1017.9	10.4	-1.5	9.7		9	80	14	4		

SURFACE

OCTOBER 2018

STATION	LATITUDE	LONGITUDE	ELEVATION	DAYS OBS.	PRESSURE		TEMPERATURE		VAPOR PRESSURE		PRECIPITATION				SUNSHINE	
					MEAN STATION	MEAN SEA LEVEL	MEAN	DEPART	MEAN	DEPART	DAYS 1 MM	TOTAL	DEPART	QUANTILE	TOTAL	% of AV.
72550 EPPLEY FIELD, OMAHA,	4118N	09554W	300		982.2	1018.1	10.9	-1.0	9.0		9	75	18	4		
72551 LINCOLN/MUN., NE.	4051N	09645W	365		975.3	1018.6	10.3	-1.7	9.2		11	69	16	4		
72556 NORFOLK/KARL STEFAN,	4159N	09726W	479		961.7	1018.1	8.6	-2.2	8.1		10	75	35	5		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336		977.9	1018.4	8.5	-2.5	8.9		12	72	23	5		
72562 NORTH PLATTE/LEE BIRD, NE.	4107N	10040W	849		920.1	1019.1	8.7	-1.1	7.4		8	73	49	5		
72564 CHEYENNE, WY.	4109N	10440W	1876		812.8	1017.4	6.9		5.6		4	18		4		
72569 CASPER/NATRONA COUNTY, INTNL	4255N	10620W	1630		838.6	1018.0	6.4	-1.6	6.2		7	43	19	5		
72572 SALT LAKE CITY/INTNL UT.	4047N	11150W	1288		872.6	1016.6	11.8	.0	7.2		6	64	28	5		
72576 LANDER/HUNT, WY.	4249N	10840W	1703		830.0	1017.3	7.0	-1.2	5.7		5	28	0	3		
72578 POCATELLO/MUN., ID.	4255N	11230W	1365		865.1	1018.7	8.0	-0.9	6.7		5	30	7	4		
72583 WINNEMUCCA/MUN., NV.	4054N	11740W	1322		870.4	1018.2	9.0	-0.3	5.4		4	13	-2	3		
72585 HAYWARD, CA HAYWARD EXEC ARP	3739N	12207W			1013.2	1015.9	18.3		13.0		0	0				
72593 SALINAS, CA SALINAS MUNI ARP	3639N	12136W	24		1012.0	1015.8	16.7		12.0		1	17				
72594 EUREKA, CA.	4048N	12410W	18				12.2	-0.4			5	22	-45	2		
72597 MEDFORD/MEDFORD-JACKSON COUN	4223N	12250W	398		970.2	1017.9	13.7		8.5		3	16		2		
72605 CONCORD/MUN., NH.	4312N	07130W	105		1003.3	1016.3	8.1		9.7		12	115		5		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	23		1013.4	1015.9	8.8	-0.4	9.9		11	126	27	4		
72607 BANGOR, ME BANGOR INTL ARPT	4448N	06849W	60		1008.1	1015.4	7.3		8.2		14	118				
72613 MOUNT WASHINGTON,	4416N	07118W	1910				-1.4	-0.5				296	114	5		
72617 BURLINGTON/INT., VT.	4428N	07309W	104		1003.1	1016.0	9.2	.4	9.2		12	107	34	5		
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245		987.5	1017.1	10.2	.5	10.5		13	145	74	5	122	80
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193		993.7	1017.1	10.4	.2	10.0		11	151	80	5		
72637 FLINT/BISHOP, MI.	4258N	08345W	238		989.0	1017.4	9.5	-0.6	10.2		12	94	39	5		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	220		991.4	1017.1	10.9	.7	10.0		8	114	53	5		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264		985.1	1017.1	8.8	-0.6	9.6		11	136	81	5		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402		968.9	1017.6	7.0	-1.8	8.6		11	92	34	5		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08806W	209		990.5	1016.8	8.4	-0.5	9.4		8	124	68	5		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435		965.9	1018.2	7.6	-1.6	8.1		8	66	21	5		
72654 HURON/HURON REGIONAL SD.	4423N	09813W	393		971.0	1018.4	6.6	-2.6	7.2		6	48	11	4		
72656 PIERRE, SD, PIERRE RGNL ARPT	4422N	10017W	527		955.3	1018.0	7.2		7.3		8	39				
72658 MINNEAPOLIS/ST.PAUL INT., MN	4453N	09313W	256		986.2	1017.3	7.7	-1.6	8.3		11	87	32	5		
72659 ABERDEEN/REG., SD.	4527N	09824W	398		970.4	1018.5	5.3	-3.2	6.8		7	64	36	5		
72662 RAPID CITY/REGIONAL AIRPORT,	4440N	10310W	1030		906.4	1019.0	6.8	-2.5	6.6		6	23	-4	4		
72666 SHERIDAN/COUNTY, WY.	4446N	10650W	1226		880.0	1018.8	6.7	-1.5	6.9		4	43	13	4		
72669 RAWLINGS, WY	4148N	10712W	2065		795.0	1017.5			5.7		7	35				
72677 BILLINGS/LOGAN INT.,	4548N	10830W	1099		893.1	1018.5	7.8	-1.7	6.4		6	18	-11	2		
72681 BOISE/MUN., ID.	4334N	11610W	872		917.4	1018.0	11.5	.5	7.6		3	36	17	5		
72688 PENDLETON, OR.	4541N	11850W	456		964.0	1018.1	10.4	-0.9	8.2		8	41	20	5		
72692 ROBERT FIELD ARPT	4415N	12109W	936		910.6	1019.0	8.7		7.0		1	7				
72698 PORTLAND/INT., OR.	4536N	12230W	12		1014.5	1018.4	13.6	1.1	11.2		10	87	20	4		
72712 CARIBOU/MUN., ME.	4652N	06800W	191		990.9	1014.6	4.5	-1.7	6.6		10	104	26	4		
72743 MARQUETTE, MI.	4632N	08733W	434				4.0	-2.4			16	168	77	5		
72745 DULUTH/INT., MN.	4650N	09211W	436		964.3	1016.8	5.0	-1.5	6.9		14	119	56	5		
72747 INT.FALLS/FALLS INT. MN.	4833N	09323W	362		973.0	1017.3	3.2	-2.6	6.7		13	90	40	5		
72753 FARGO/HECTOR FIELD,	4654N	09648W	274		984.0	1017.7	4.5	-3.1	7.0		9	69	27	5		
72757 GRAND FORKS, ND	4756N	09710W	257		986.1	1017.6	3.4		6.4		10	77				

SURFACE

OCTOBER 2018

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.
72763 DICKINSON, ND	4647N	10248W	791		924.8	1018.0	5.0		5.9		6	21				
72764 BISMARCK/MUN., ND.	4646N	10040W	505		957.7	1018.8	5.7	-1.9	6.2		7	38	16	5		
72767 WILLISTON/SLOULIN FIELD INT.	4811N	10330W	592		949.0	1018.9	4.8	-2.3	5.9		4	19	0	4		
72768 GLASGOW/INT., MT.	4812N	10630W	693		935.2	1018.4	6.7	-1.1	6.0		5	29	14	5		
72769 CUT BANK, MT CUT BANK MUNI A	4836N	11222W	1175		883.7	1018.5	4.9		5.1		6	19				
72770 DILLON, MT DILLON ARPT	4515N	11233W	1591		840.7	1018.7	5.6		5.7		5	15				
72772 HELENA/COUNTY-CITY,	4636N	11200W	1188		883.9	1020.9	7.2	-1	5.9		5	14	-1	3		
72773 MISSOULA / JOHNSON-BELL FIEL	4655N	11400W	976		907.0	1020.4	6.8	.0	6.6		10	33	15	4		
72774 BUTTE, MT MT BERT MOONEY ARP	4557N	11230W	1688		831.4	1019.5	5.1		5.0		2	12				
72781 YAKIMA/YAKIMA AIR TERMINAL,	4634N	12030W	332		980.0	1019.0	9.7	-2	7.7		6	27	16	5		
72785 SPOKANE/INT., WA.	4738N	11730W	721		934.4	1019.0	9.0	.5	7.2		9	42	17	4		
72787 DEER PARK, WA DEER PARK ARPT	4758N	11725W	670		940.1	1019.6			7.4		9	57				
72790 EPHRATA, WA EPHRATA MUNI ARP	4718N	11930W	384		972.7	1018.5			7.4		5	25				
72792 OLYMPIA, WA.	4658N	12250W	62		1011.2	1018.6	10.0	.2	11.2		13	110	1	3		
72793 SEATTLE/S.-TACOMA,	4727N	12210W	137		1002.6	1019.1	12.1	.5	11.1		9	96	14	4		
72797 QUILLAYUTE, WA.	4757N	12430W	56		1010.2	1017.7	10.4		11.5		13	118		2		
74492 BLUE HILL OBS. MA.	4213N	07107W	195				10.2	-9				149	49	5		
74641 GAGE, OK GAGE ARPT	3617N	09946W	669		939.6	1017.1			10.8		7	202				
74736 DALHART, TX DALHART MUNI ARP	3601N	10232W	1217		880.5	1016.5	13.1		8.6		7	109				
74739 FORT WORTH MEACHAM INTL ARPT	3249N	09721W	215		991.4	1016.7			16.8		11	331				
74745 AUSTIN-BERGSTROM INTL AIRPOR	3011N	09741W	202		998.5	1016.1	20.9		20.2		14	183				
74746 COLLEGE STATION, TX	3035N	09621W	100		1004.4	1016.3	21.1		21.2		16	298				
74756 GAINSVILLE, FL	2941N	08216W	46		1012.0	1017.9	23.7		21.6		5	15				
74757 GULFPORT, MS	3024N	08904W	16		1015.6	1016.8			22.6		5	55				
74758 GREENWOOD, MS	3329N	09005W	45		1013.0	1018.1	19.6		17.0		6	67				
74759 HATTIESBURG, MS	3115N	08915W	45		1012.2	1017.4	21.7		19.3		3	64				
74768 GREENVILLE, MS	3328N	09059W	46		1012.9	1018.6	19.2		15.6		6	46				
74782 JACKSONVILLE, FL	3020N	08130W	14		1015.9	1017.5			22.6		4	28				
74783 FORT LAUDERALE, FL	2604N	08009W	37		1014.9	1015.5	27.4		29.0		8	57				
74787 DAYTONA BEACH, FL	2910N	08103W	10		1015.4	1017.1	24.7		25.9		10	147				
74793 VERO BEACH, FL	2739N	08025W	12		1015.2	1016.4	26.1		24.6		6	30				
CANADA																
71017 STEFANSSON ISLAND, NU	7345N	10510W	11		1015.6	1017.0	-13.0		2.2			5				
71018 RESOLUTE CS, NU	7442N	09459W	68		1004.6	1013.4	-13.2		2.2		3	8				
71026 MEDICINE HAT RCS, ALTA	5001N	11040W	717		932.7	1017.9	6.1		5.3		2	17		3		
71028 TATLAYOKO LAKE RCS, BC	5140N	12420W	877		917.2	1021.0	4.3		5.9		14	66				
71029 HOLMAN CS, NWT	7045N	11740W	30		1013.1	1017.1	-8.2		3.1		2	4				
71044 OLD CROW, YT	6734N	13950W	251		981.2	1013.0	-5.3		3.7		8	27				
71049 WAGER BAY (AUT), MAN	6552N	08926W	18		1011.3	1013.6	-8.4		2.9		1	4				
71063 OTTAWA CDA RCS, ONT	4523N	07543W	79		1005.6	1015.2	7.0		7.7		10	53				
71066 HIGH LEVEL A, ALTA	5837N	11700W	338		974.8	1017.0	-2		4.5		1	3		1		
71076 URANIUM CITY (AUT), SASK	5934N	10820W	321		978.0	1017.5	-2.7	-3.2	4.1		6	12	-23			
71077 BUFFALO NARROWS (AUT),	5550N	10820W	440		964.3	1018.4	.9		4.7		5	16				
71079 THOMPSON	5548N	09752W	222		988.4	1016.8	-3.2	-3.2	4.0		10	50	3	4		
71101 SANDSPIT AWOS, BC	5315N	13140W	6		1013.5	1014.2	10.6	1.5	10.8		16	139	-56	2		

SURFACE

OCTOBER 2018

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.
71107 CAPE ST JAMES CS, BC	5156N	13100W	92		1004.2	1015.0	11.5	1.4	11.4		17	122	-74			
71109 PORT HARDY A, BC	5040N	12720W	22		1014.8	1017.5	8.5	-1	10.0		14	175	-84	2		
71120 COLD LAKE A, ALTA	5425N	11010W	541		952.4	1018.4	2.4	-1.9	4.8		3	10	-5	2		
71122 BANFF CS, ALTA	5112N	11530W	1397		859.7	1020.4	2.6	-2.0	4.5		4	27	-3	4		
71155 EDMONTON INTERNATIONAL CS, A	5318N	11330W	715				2.8		4.9		6	22				
71158 BERENS RIVER CS, MAN	5221N	09702W	222		988.6	1016.2	.7		5.2		12	51		5		
71160 FORT RELIANCE (AUT), NWT	6242N	10900W	168		995.3	1016.7	-2.4		4.0		4	15		1		
71199 WATSON LAKE (AUT), YT	6007N	12840W	690		932.5	1016.0	.2		5.0		9	42		5		
71207 SQUAMISH,	4947N	12310W	52		1011.9	1018.3	10.3		9.6		12	174				
71208 BIG TROUT LAKE, ONT	5380N	08988W	224		987.8	1015.7	-8	-10.0	4.9		9	23	-128			
71212 FORET MONTMORENCY RCS, QUE	4719N	07108W	673		933.7	1013.8	.5		5.6		15	136				
71219 HOLLAND ROCK, BC	5410N	13020W	5		1014.0	1014.8	10.8		9.8		13	90				
71222 DEASE LAKE AUT, BC	5825N	13001W	802		920.4	1016.8	1.7		5.3		8	32		3		
71261 GODERICH, ONT	4346N	08143W	214		990.2	1016.0	9.0		9.9		21	101				
71279 SEPT-ILES, QUE	5013N	06615W	53		1006.1	1012.7	1.4		5.4		12	77				
71288 CAMBRIDGE BAY GSN, NU	6906N	10500W	19		1013.8	1016.3	-10.4		2.7		1	6				
71294 BANCROFT AUTO, ONT	4504N	07752W	331		975.8	1015.8	5.7		8.0		13	92				
71296 EGBERT CS, ONT	4414N	07947W	251		985.5	1015.9	7.6		8.6		13	99				
71298 HARROW CDA AUTO, ONT	4202N	08254W	192		994.5	1017.1	13.1		11.4		5	76				
71299 KAPUSKASING CDA ON, ONT	4924N	08226W	218		987.9	1014.9	1.1		5.8		14	144		5		
71307 RIDGETOWN RCS, ONT	4227N	08153W	206		992.6	1017.5	10.1		10.8		10	123				
71309 MOOSONEE RCS, ONT	5117N	08037W	9		1007.4	1008.6	1.0		5.5		5	30				
71310 ST. PETERS, PEI	4627N	06234W	30		1009.6	1013.3	7.1		8.6		17	128				
71311 NAPPAN AUTO, NS	4545N	06414W	20		1011.7	1014.1	7.0		8.6		16	161				
71315 CHARLO AUTO, NB	4759N	06620W	42		1008.4	1013.7	3.7		6.6		12	73				
71317 DEBERT, NS	4525N	06328W	39		1009.7	1014.3	7.2		8.8		14	146				
71318 CORONATION CLIMATE, ALTA	5204N	11120W	791		924.1	1019.1	2.9		5.0		4	15				
71320 HALL BEACH CLIMATE, NU	6846N	08114W	8		1010.0	1010.5	-9.9		2.9		4	7				
71321 IQALUIT CLIMATE, NU	6345N	06833W	34		1006.7	1011.0	-6.5		3.2		4	12				
71322 ARVIAT CLIMATE, NU	6106N	09404W	10		1012.8	1014.1	-5.1		4.1		6	12				
71331 ISLAND FALLS (AUT), SASK	5532N	10220W	297		979.7	1016.9	-1.7		3.9		9	36				
71332 KUGLUKTUK CLIMATE, NU	6749N	11508W	24		1013.2	1016.2	-6.7		3.3		3	10				
71350 HARRINGTON CDA CS, PEI	4621N	06310W	53		1007.0	1013.5	7.1		8.4		14	171				
71352 ELORA RCS, ONT	4339N	08025W	376		971.3	1016.5	7.3		9.0		12	86				
71355 ALERT CLIMATE, NU	8230N	06220W	65		1004.5	1013.3	-13.7		2.0		9	21				
71356 BAKER LAKE CLIMATE, NU	6419N	09600W	51		1007.8	1014.5	-8.3		3.0		3	8				
71357 QIKIQTARJUAQ CLIMATE, NU	6732N	06402W	6		1007.6	1008.3	-6.0		3.1		4	17				
71358 CLYDE RIVER CLIMATE, NU	7029N	06831W	27		1007.2	1010.0	-7.4		3.0		2	3				
71361 HAY RIVER CLIMATE, NWT	6050N	11540W	164		994.8	1015.5	.2		4.5		2	9				
71362 FORT SMITH CLIMATE, NWT	6001N	11150W	203		990.9	1016.5	-.7		4.1		3	11				
71363 GJOA HAVEN CLIMATE, NU	6838N	09551W	42		1009.4	1014.9	-11.5		2.5		4	13				
71364 INUVIK CLIMATE, NWT	6819N	13330W	103		1001.0	1014.3	-5.0		3.8		7	31				
71365 FORT SIMPSON CLIMATE, NWT	6145N	12110W	168		994.3	1015.6	-.9		4.5		3	11				
71434 PEAWANUCK (AUT), ONT	5459N	08526W	52		1007.8	1014.4	-1.6		4.6		6	23				
71435 UPSALA (AUT), ONT	4902N	09028W	489		957.0	1016.6	1.5		6.0		14	114				
71446 SWIFT CURRENT CDA, SASK	5016N	10740W	825		920.6	1018.6	3.8		4.9		3	11		3		

SURFACE

OCTOBER 2018

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.
71470 LUPIN CS, NU	6546N	11110W	497		955.0	1018.1	-10.1		2.9		4	11				
71480 RESERVED OR UNKNOWN	9999N	99999E			1001.8	1013.9	-2.6		4.2		4	13				
71490 ROBERTSON LAKE (AUT), NU	6505N	10220W	244		985.9	1017.5	-9.7		3.0		4	11				
71493 PARRSBORO, NS	4524N	06420W	31		1010.4	1014.2	7.1		9.0		13	174				
71508 TORONTO CITY, ONT	4340N	07924W	113		1002.5	1016.2	9.7		9.0		11	63				
71550 DAUPHIN CS, MAN	5106N	10000W	305		979.8	1017.5	.9		5.3		8	42				
71558 ST ANTHONY, NFLD	5123N	05606W	29		1006.7	1010.4	3.4		6.4							
71559 ESTEVAN RCS, SASK	4913N	10258W	581		948.7	1019.2	2.8		5.2		6	31				
71570 GREAT FALLS CLIMATE, MAN	5031N	09558W	253		986.0	1017.2	2.9		5.5		12	51				
71573 DELHI CS, ONT	4252N	08033W	232		988.2	1016.2	9.5		10.3		14	113				
71575 CAPE DORSET CLIMATE, NU	6413N	07631W	50		1002.4	1008.9	-5.2		3.8		14	39				
71576 POND INLET CLIMATE, NU	7241N	07757W	65		1003.4	1012.0	-13.1		2.0		6	16				
71585 FORT MCMURRAY CS, ALTA	5639N	11110W	369		971.1	1016.8	.9		4.4		2	6				
71586 LA RONGE RCS, SASK	5509N	10510W	379		970.6	1017.4	.3		4.5		7	37		3		
71590 EDMUNDSTON, NB	4725N	06819W	157		999.4	1018.6	3.2		6.0		7	36				
71592 ARCTIC BAY CS, NU	7259N	08500W	10		1011.5	1012.8	-11.4		2.1		3	7				
71613 EUREKA CLIMATE	7959N	08556W	65		1012.9	1014.3	-19.1		1.4		2	8				
71622 LONDON CS, ONT	4302N	08109W	278		983.5	1017.0	9.1		10.1		11	96				
71693 SLAVE LAKE RCS, AB	5529N	11477E	582		947.3	1017.9	2.4		5.1		6	27				
71695 THE PAS CLIMATE, MAN	5358N	10106W	274		983.1	1016.6	.0		4.6		8	24				
71696 CHURCHILL CLIMATE, MAN	5844N	09404W	29		1011.6	1015.3	-3.3		4.1		5	13				
71710 ILES DE LA MADELEINE, QUE	4725N	06146W	8		1010.1	1011.0	7.0		8.2		14	127				
71713 LA POCATIERE, QUE	4721N	07001W	31		1010.5	1014.4	4.6		6.9		10	69		3		
71726 PARENT, QUE	4755N	07437W	445		960.7	1014.8	1.2		6.0		16	146				
71727 BAGOTVILLE A, QUE	4820N	07100W	159		995.4	1015.1	2.7	-2.3	6.1		12	112	35	5		
71741 KAMLOOPS AUT, BC	5042N	12026W	345		978.4	1020.4	7.0		7.3		5	25				
71742 GANDER AIRPORT CS, NFLD	4856N	05434W	151		995.1	1013.2	5.0		7.9		10	72				
71743 RIVIERE AUX FEUILLES, QUE	5754N	07258W	171		990.3	1012.2	-5.1		4.0		4	31				
71747 ATIKOKAN (AUT), ONT	4845N	09137W	389		968.8	1016.4	2.2	-2.3	6.2		13	114	39			
71779 QUESNEL AIRPORT CD, BC	5301N	12230W	545		953.4	1019.4	5.1		6.3		4	27				
71783 VICTORIA UNIVERSITY CAMPBELL	4827N	12310W	49		1011.0	1018.3	10.4		10.4		9	59				
71813 NATASHQUAN A, QUE	5011N	06149W	11		1009.6	1010.9	2.6	-1.3	6.5		12	86	-23	2		
71816 GOOSE A, NFLD	5319N	06025W	49		1005.0	1011.1	1.1	-1.4	5.2		15	116	38	5		
71818 CARTWRIGHT, NFLD	5342N	05702W	15		1008.3	1010.4	1.8	-1.1	5.5		11	107	29	4		
71823 LA GRANDE IV A, QUE	5345N	07340W	306		975.3	1013.5	-2.1		4.4		16	55		0		
71826 PANGNIRTUNG, NU	6609N	06543W	23		1003.9	1008.1	-6.1		2.6		6	15				
71827 LA GRANDE RIVIERE A,	5338N	07742W	195		989.7	1014.3	-1.9		4.5		16	75		3		
71832 NAGAGAMI (AUT), ONT	4944N	08409W	264		982.7	1015.5	.7		5.7		17	107				
71834 GERALDTON A, ONT	4946N	08655W	349		972.7	1015.8	.2		5.5		16	91				
71842 SIOUX LOOKOUT A, ONT	5007N	09154W	390		969.3	1016.5	1.5	-3.0	6.0							
71868 HUDSON BAY, SASK	5249N	10210W	358		972.9	1017.2	1.0		4.7		5	17				
71869 PRINCE ALBERT A, SK	5313N	10540W	428		965.9	1018.8	.8	-2.9	4.6		6	24	3	4		
71884 YARMOUTH RCS, NS	4383N	06608E	36		1010.4	1014.9	9.7	1.9	10.3		14	161	107			
71894 ESTEVAN POINT CS, BC	4923N	12630W	7		1014.1	1015.0	10.6		11.5		11	145		1		
71900 HOPEDALE (AUT), NFLD	5527N	06013W	12		1009.1	1010.4	.7		5.1		11	99				
71906 KUUJUAQ A, QUE	5806N	06825W	44		1007.4	1012.5	-2.6	-1.8	4.0		5	19	-33	1		

SURFACE

OCTOBER 2018

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.
71907 INUKJUAK A, QUE	5828N	07805W	28		1009.2	1012.2	-4.0	-3.9	4.0		7	35	-17	0		
71915 CORAL HARBOUR A,	6411N	08321W	64		1003.5	1011.7	-8.2	-.8	3.0		8	33	-3	4		
71923 ENNADAI LAKE (AUT), NU	6107N	10050W	353		971.3	1016.1	-6.5		3.3		1	3				
71945 FORT NELSON A, BC	5850N	12230W	389		968.9	1016.1	1.3	.3	4.7		2	4	-26	0		
71952 BURNS LAKE CAMPBELL SCIENTIF	5423N	12550W	713		933.0	1018.3	2.9	-2.0	5.5		9	43	0			
71956 GORE BAY CLIMATE, ONT	4553N	08234W	187		992.1	1015.2	7.0	14.9	8.1		15	135	123			
71964 WHITEHORSE A, YT	6042N	13500W	706		927.6	1012.7	2.6	1.9	5.4							
71966 DAWSON, YT	6403N	13900W	370		966.1	1012.1	-2.5		3.8		4	21		2		
71984 PAULATUK, NWT	6921N	12400W	6		1015.2	1016.0	-5.8		3.5		3	14				
71989 MOULD BAY CS, NWT	7614N	11920W	2		1017.1	1018.8	-12.8		2.3		2	9		2		
71990 MACMILLAN PASS, NWT	6314N	13000W	1379		854.0	1014.6	-4.5		3.7		11	49				
MEXICO																
76225 CHIHUAHUA, CHIH.	2838N	10600W	1433		861.4	1008.7	18.6		13.3		5	19		3	185	95
76243 PIEDRAS NEGRAS, COAH.	2842N	10030W	250		994.3	1012.1	25.6		23.1		6	66		4	126	50
76256 EMPALME, SON.	2757N	11040W	12		1010.0	1011.4	26.9		21.7		3	38		4	262	90
76305 LORETO, BCS	2601N	11120W	7		1009.6	1010.4	27.5		19.9		1	1		1	299	105
76311 CHOIX, SIN.	2644N	10810W	238		982.7	1009.6					4	48		4	216	80
76323 HIDALGO DEL PARRAL,	2656N	10540W	1661		827.2	1016.2	17.3		12.6		9	97		4	228	85
76342 MONCLOVA, COAH.	2653N	10120W	615		948.0	1017.3	21.3		20.2		10	54		2	155	70
76382 TORREON, COAH.	2532N	10320W	1124		889.3	1010.7	21.8		18.3		7	41		4	200	85
76390 SALTILLO, COAH.	2522N	10100W	1790		823.5	1012.0	17.1		15.0		6	32		3	204	85
76393 MONTERREY, N.L.	2544N	10010W	515		957.3	1013.9	21.7		21.7		8	53		2	110	70
76402 CIUDAD CONSTITUCION, BCS	2457N	11140W	48		1006.0	1011.6	25.5		19.9		3	30		5	257	90
76405 LA PAZ, BCS	2410N	11010W	18		1009.3	1011.4	26.7		25.4		1	8		3	296	105
76423 DURANGO, DGO.	2403N	10430W	1872		815.3	1011.1	16.9		13.1		7	82		6	194	75
76458 COLONIA JUAN CARRASCO MAZATL	2312N	10620W	4		1009.8	1010.2	28.0	.7	28.3	-.1	7	113	18	2	244	98
76471 SOMBRERETE, ZAC.	2338N	10330W	2351		769.9	1009.3	15.9		12.6		10	93		4	198	80
76491 CIUDAD VICTORIA,	2344N	09908W	355		977.7	1016.2	22.8		24.5		13	109		4	172	80
76499 SOTO LA MARINA,	2346N	09812W	21		1011.0	1013.4	24.4		24.0		10	103		4	152	70
76525 ZACATECAS, ZAC. (LA BUFA, ZA	2247N	10230W	2612		747.8	1011.1	13.8	.6	11.2	1.8	6	19	-12	2	207	96
76539 SAN LUIS POTOSI,	2211N	10050W	1883		815.3	1011.8	18.0		14.0		5	19		4	175	80
76548 TAMPICO, TAMPS	2212N	09751W	25		1014.7	1015.7	25.4	-.1	26.1	.6	8	89	0	2	140	73
76556 TEPIC, NAY.	2131N	10450W	915		910.2	1010.0	23.3		24.0		14	186		5	175	75
76577 GUANAJUATO, GTO.	2100N	10110W	1999		804.1	1011.0	20.8	2.9	16.0	2.5	6	123	83	5	197	81
76581 RIO VERDE, S.L.P.	2156N	09959W	983		904.8	1012.9	22.2		22.7		9	64		4	165	75
76585 MATLAPA, S.L.P.	2119N	09849W	132		998.7	1014.0	24.2		27.0		15	275		3	133	70
76593 PROGRESO, YUC.	2118N	08939W			1012.7	1012.9	27.5		29.3		4	15		1	231	90
76612 GUADALAJARA, JAL.	2040N	10320W	1551		845.9	1009.8	20.2		18.0		7	82		4	198	85
76634 TULANCINGO, HGO.	2005N	09822W	2181		785.9	1013.8	16.2		15.0		14	71		4	185	90
76640 TUXPAN,VER.	2057N	09724W	28		1014.3	1015.5	25.1		30.3		11	504		4	95	65
76644 AEROP.INTERNACIONAL MERIDA,	2059N	08939W	9		1011.6	1012.8	27.6	1.8	31.1	4.7	9	92	-2	3	269	123
76654 MANZANILLO, COL.	1903N	10410W	3		1010.5	1010.9	27.9		30.3		10	271		5	194	80
76656 CIUDAD GUZMAN, JAL.	1943N	10320W	1515		850.0	1011.7	20.0		17.4		12	187		4	161	65
76665 MORELIA, MICH.	1913N	10110W	1913		812.2	1011.1	18.4	1.0	16.6	3.2	21	184	131	6	181	97
76675 TOLUCA, MEX.	1917N	09941W	2720		738.2	1011.2	14.1		10.9		16	102		5	183	110

SURFACE

OCTOBER 2018

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.
76680 MEXICO (CENTRAL),	1924N	09911W	2303		775.4	1010.0	17.1	1.6	14.8	3.2	10	63	2	3	164	93
76683 TLAXCALA, TLAX.	1919N	09815W	2248		782.8	1013.1	16.8		12.9		10	71		3	206	145
76685 PUEBLA, PUE.	1903N	09810W	2179		786.3	1009.3	17.3		12.2		10	176		6	155	70
76687 JALAPA, VER.	1933N	09655W	1389		866.3	1012.6	19.5		19.5		8	120		3	146	95
76692 HACIENDA YLANG YLANG VERACRU	1909N	09607W	16		1010.9	1012.8	27.0	.5	29.0	2.5	16	171	40	4	184	95
76695 CAMPECHE, CAMP.	1951N	09033W	5		1011.6	1012.2	27.2		32.1		17	306		5	264	105
76698 FELIPE CARRILLO PUERTO, Q.RO	1942N	08754W	12		1011.0	1012.1	28.0		30.9		15	279		4	139	65
76737 ORIZABA, VER.	1851N	09706W	1259		877.1	1013.3	19.8		20.4		25	327		5	126	90
76741 COATZACOALCOS, VER.	1808N	09425W	22		1008.8	1010.6	27.2		31.3		22	689		5	174	120
76750 CHETUMAL, Q.R.	1829N	08818W	7		1011.2	1012.2	28.2		31.3		17	177		4	200	100
76762 CHILPANCINGO, RO.	1733N	09930W	1265		875.3	1010.7	22.3		21.2		8	73		3	202	95
76833 SALINA CRUZ, OAX.	1610N	09511W	2				28.8	.6			5	97	31	3	189	75
76840 ARRIAGA, CHIS.	1614N	09354W	48		1004.9	1010.4	28.2		32.7		10	328		5	179	85
76845 SN. CRISTOBAL LAS CASAS, CHI	1645N	09238W	2116		794.4	1013.2	15.0		1.7		11	76		3	176	95
76848 COMITAN, CHIS.	1615N	09208W	1646		837.4	1006.6	19.0		16.0		16	104		3	206	100
76855 PUERTO ANGEL, OAX.	1541N	09629W	46		1006.8	1011.1	26.4		29.8		10	307		6	186	75
76903 TAPACHULA, CHIS	1455N	09215W	118		997.9	1011.3	26.7		29.7		22	430		5		
BERMUDA																
78016 BERMUDA INTERNATIONAL AIRPOR	3222N	06440W	130		1017.7	1017.3	24.2		21.5		12	84			225	
BAHAMAS																
78073 NASSAU AIRPORT NEW PROVIDENC	2503N	07728W	7		1015.3	1016.1	28.0	2.1	29.4	3.0	9	44	-131	1	293	131
CUBA																
78310 CABO SAN ANTONIO,	2152N	08457W	8		1012.6	1014.3	27.0		28.3		12	276				
78325 CASA BLANCA,	2310N	08221W	50		1008.3	1014.0	26.5	.3	26.9		10	73	-107	1		
78355 CAMAGUEY	2124N	07751W	122		1001.5	1014.9	26.0		27.1		17	294				
78369 PUNTA DE MAISI,	2015N	07409W	10		1012.4	1013.3	27.7		28.4		18	104				
CAYMAN ISLANDS																
78384 OWEN ROBERTS AIRPORT GRAND C	1917N	08121W	3			1012.6	28.8	2.6	32.2		9	79	-101			
JAMAICA																
78388 MONTEGO BAY/SANGSTER	1830N	07755W	8		1012.1	1012.2	28.0		29.1		5	59		1	237	
78397 KINGSTON/NORMAN MANLEY	1756N	07647W	14		1011.7	1011.9	27.9		29.4		9	59		2	237	
DOMINICAN REPUBLIC																
78458 PUERTO PLATA	1945N	07033W	5		1013.7	1012.6	27.4		29.2		15	143				
78479 PUNTA CANA	1834N	06822W	12		1013.9	1011.9	26.8		28.7		13	70		2		
78486 SANTO DOMINGO	1826N	06953W	14		1013.8	1012.2	28.2	1.5	29.1	1.8	14	112	-74	3		

SURFACE

OCTOBER 2018

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.
PUERTO RICO AND US POSS 78526 SAN JUAN/INT.,	1825N	06559W	4		1013.2	1013.5	27.8	.1	28.9		14	123	-22	3		
BELIZE 78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5				27.5	.9			21	265	10	3	162	84
EL SALVADOR 78650 ACAJUTLA	1334N	08950W	15		1007.5		27.6	.9	34.4		17	623	435	5		
NICARAGUA 78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1003.8	1010.1	26.2		20.9		18	433		5	160	75
COSTA RICA 78767 PUERTO LIMON	1000N	08303W	5		1010.5	1010.7	25.9	.5			15	190	-8	2	144	88
NETHERLANDS ANTILLES & ARUBA 78866 JULIANA AIRPORT,	1802N	06307W	4		1013.5	1014.0	27.9	.1	28.2	-7	16	164	55	4	252	106
GUADELOUPE 78897 LE RAIZET, GUADELOUPE	1616N	06131W	11		1012.2	1013.1	26.6	-4	28.4		14	135	-93	1	190	
MARTINIQUE 78925 LE LAMENTIN	1436N	06100W	8		1011.8	1012.7	27.1	.4	28.0	-1.4	19	214	-56	2	222	97
BARBADOS 78954 GRANTLEY ADAMS	1304N	05929W	56		1004.3	1012.0	27.1		28.9		13	118		2	257	70
TRINIDAD AND TOBAGO 78970 PIARCO INT. AIRPORT,	1037N	06121W	15		1008.8	1011.3	27.1	.7	29.9	1.2	12	339	140	5	206	100
CURACAO AND BONAIRE 78988 HATO AIRPORT, CURACAO	1212N	06858W	9		1009.9	1010.8	28.1	-2	29.8	-3	11	262	179	5	218	89
COLOMBIA 80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1010.6	1010.7	27.5	.1	30.2	-6	18	167	-135	5	170	97
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				27.3		30.5		20	554		5	169	90

SURFACE

OCTOBER 2018

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.
S AMERICA																
COLOMBIA																
80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1010.0	1010.5	28.4	.7	30.4	1.4	11	152	59	5	198	95
80022 CARTAGENA/RAFAEL NUNEZ	1027N	07531W	12		1009.6	1009.8	28.0	.4	32.0	1.6	14	300	56	5	167	96
80084 APARTADO/LOS CEDROS	0749N	07642W	20				27.1		30.5		18	395		4	180	95
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				27.9	.8	38.0	9.6	19	503	110	5	177	109
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		881.8		21.2		33.7		18	244	87	5	155	
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		973.2	1012.6	27.0	-.6	26.6	1.2	16	181	41	5		
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		989.3	1003.5	27.3	.6	31.8	3.0	13	179	18	5	200	105
80112 RIONEGRO/J.M.CORDOVA	0608N	07526W	2142		790.0		16.7		16.0		24	267		5	168	120
80139 PUERTO CARENNO/A.GUAUQUEA	0610N	06730W	55		1002.8	1009.3	28.2	.7	30.2	2.8	10	78	-109	5	181	94
80144 QUIBDO/EL CARANO	0543N	07637W	53				26.4	.4	28.8	-.4	19	411	-210	5	126	107
80210 PEREIRA/MATECANA	0449N	07544W	1342		865.5		21.5	.6	21.0	1.7	18	281	7	5	177	131
80222 BOGOTA/ELDORADO	0442N	07409W	2547		752.8		14.2	1.0	16.2	3.6	18	121	6	5		
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		959.8	1008.9	26.2	1.1	25.2	.2	21	547	116	5	161	107
80259 CALI/ALFONSO BONILLA ARAGON	0333N	07623W	969		904.9		23.8		21.2		13	88	-30	5	192	125
80315 NEIVA/BENITO SALAS	0258N	07518W	443		958.0	1007.5	28.2	.7	24.5	.6	14	131	-81	5	181	108
80342 PASTO/ANTONIO NARINO	0125N	07716W			821.5		18.8	.6	16.7	-.2	12	78	-95	5	189	123
80370 IPIALES/SAN LUIS	0049N	07738W	2961		716.4	1029.2	12.4	1.3	11.1	.2	8	55	-52	5	139	118
80398 LETICIA/VASQUEZ COBO	0410S	06957W	84		1000.9	1009.6	26.1	-.2	30.6	1.6	21	339	48	5	132	77
GUYANA																
81001 GEORGETOWN	0648N	05809W	2		1010.7	1011.3	28.6	1.0	31.6	1.8	4	23	-84	1	273	116
SURINAME																
81225 ZANDERIJ	0527N	05512W	15		1009.3	1010.7	28.0				6	36				
FRENCH GUIANA																
81401 SAINT-LAURENT-DU-MARONI	0530N	05402W	9		1009.9	1010.5	27.5		28.6		6	69	-36		215	87
81405 ROCHAMBEAU	0450N	05222W	9		1010.2	1011.2	27.4		28.9		3	13	-68		260	100
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1009.9	1010.7	27.8		27.3		1	15	-52		212	85
81415 MARIPASOULA	0338N	05402W	104		999.0	1011.1	28.0		27.5		7	72	0		220	85
BRAZIL																
82024 BOA VISTA	0249N	06039W	90				30.2		27.9		3	35		2	267	130
82026 TIRIOS	0229N	05559W	326													
82098 MACAPA	0002N	05103W	15		1008.4	1010.1	29.2	1.3	28.8		2	10	-25	2	304	108
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90						30.7		11	119		1	185	120
82113 BARCELOS	0059S	06255W	40				28.5	2.4	33.7		9	41	19	1	201	119
82191 BELEM	0127S	04828W	10		1009.4	1010.0	27.7	1.3	30.6		12	135	19	4	270	118

SURFACE

OCTOBER 2018

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.
82212 FONTE BOA	0232S	06610W	56		1002.3	1010.7			29.2		11	120		2	147	90
82246 BEL TERRA	0238S	05457W	176		992.2	1011.9	28.0	2.2	32.1		0	0	-47	0	222	96
82280 SAO LUIZ	0232S	04418W	51		1004.8	1010.5			29.6		1	4	-6	4	251	100
82331 MANAUS	0308S	06001W	72				30.5	2.9	29.0		3	57	-68	1	213	125
82336 ITACOATIARA	0308S	05826W	40				29.9	3.1	29.8		4	53	12	1	240	176
82353 ALTAMIRA	0312S	05212W	74		998.4	1006.8			29.6		3	39	-8	3	257	192
82397 FORTALEZA	0346S	03836W	26		1009.4	1012.5	27.7	.7	26.5		3	6	-9	1	290	98
82400 FERNANDO DE NORONHA	0351S	03225W	56		1006.5	1013.2			27.8		0	0	-12			
82410 BENJAMIN CONSTANT	0423S	07002W	65				26.8		30.7		17	308		5		
82445 ITAITUBA	0416S	05559W	45		1006.3	1011.5	29.9	2.1	32.4		5	81	-1	4	262	145
82460 BACABAL	0415S	04447W	25		1009.1	1012.0			29.4		4	30		3	115	65
82533 MANICORE	0549S	06118W	50				28.4		30.0		8	116		2		
82562 MARABA	0521S	04909W	95		1000.9						7	58	-61	2	136	128
82571 BARRA DO CORDA	0530S	04516W	153		992.2	1009.4	30.0	3.0	26.6		3	12	-36	1	220	137
82578 TERESINA	0505S	04249W	74		1001.5	1009.9			25.9		1	5	-13	2		
82586 QUIXERAMOBIM	0512S	03918W	212		986.3	1012.9	28.3	.5	24.6		0	0	-2	0	271	100
82598 NATAL	0546S	03512W	45		1007.9	1013.2					0	0		0	299	100
82678 FLORIANO	0646S	04301W	127		996.0	1009.7	30.9	2.1	23.2		5	66	2	3	260	118
82723 LABREA	0715S	06450W	60						31.7		8	52		0		
82765 CAROLINA	0720S	04728W	193		989.0	1012.7	28.5	1.9	29.8		9	111	-45	2	199	128
82784 BARBALHA	0719S	03918W	409		966.3	1011.0	28.3	1.6	30.1		1	5	3	2	246	92
82791 PATOS	0701S	03716W	249		982.5	1010.0	29.2		18.7		3	8		4	302	
82900 RECIFE	0803S	03455W	7		1013.0	1013.9	26.7	1.2	26.1		6	24	-42	2	234	95
82915 RIO BRANCO	0958S	06748W	160		992.8	1010.8	26.7	1.0	29.9		11	197	26	4	182	125
82983 PETROLINA	0923S	04029W	370		969.4	1010.1	29.2	1.4	22.1		2	10	-11	4	278	108
83064 PORTO NACIONAL	1043S	04835W	239		982.3	1009.2	28.6	1.8	27.1		11	174	-9	3	182	103
83096 ARACAJU	1055S	03703W	5		1013.5	1014.1	26.7	.8	24.0		5	30	-42	3	278	111
83186 JACOBINA	1111S	04028W	485		957.9						1	18	-13	3		
83208 VILHENA AERO	1244S	06008W	612		942.6				25.7		18	279				
83229 SALVADOR	1301S	03831W	51		1009.4	1015.3	25.9	.9	26.8		8	66	-56	2	205	90
83235 TAGUATINGA	1224S	04626W	604		943.0	1008.9	28.2	2.8	21.9		11	167	22	4	210	124
83236 BARREIRAS	1209S	04500W	439		961.0	1009.0	28.5	2.6			2	38	-65	2	237	111
83242 LENCOIS	1234S	04123W	439		963.9	1012.7	25.5	1.7	22.3		3	150	55	5	203	140
83288 BOM JESUS DA LAPA	1316S	04325W	440		961.1	1008.8	30.3	3.5	21.3		5	42	-32	1	245	114
83332 POSSE	1406S	04622W	826		919.7	1007.8	26.9	2.5	21.3		9	104	-19	3		
83344 VITORIA DA CONQUISTA	1457S	04053W	840		917.2	1013.6			20.4		8	43	-13	5	199	112
83358 POXOREO (POXOREU)	1550S	05423W	450		968.8	1008.1			26.7		12	144		3		
83361 CUIABA	1533S	05607W	151		993.5	1013.4	28.6	1.2	27.9		10	141	26	5	166	77
83377 BRASILIA	1547S	04756W	1159		885.8	1008.8	23.4	1.3	18.8		12	244	72	5	155	92
83423 GOIANIA	1640S	04915W	741		929.1	1009.0	26.3	1.7	22.0		17	224	54	4		
83437 MONTES CLAROS	1643S	04352W	646		939.4	1009.3	26.8	3.1	19.4		8	113	3	3	206	105
83492 TEOFILO OTONI	1751S	04131W	356		973.9	1011.6	25.9	3.0	22.4		7	109	-16	3	135	96
83498 CARAVELAS	1744S	03915W	3		1013.9	1014.4	25.1	.9	26.1		12	241	94	5		
83550 SAO MATEUS	1842S	03951W	25		1012.0	1014.9			25.5		14	151	12	4		
83565 PARANAIBA	1942S	05111W	331		964.3	1010.3			26.0		12	169	47	5	206	89
83579 ARAXA	1934S	04656W	1004		901.5	1011.5			21.5		16	200	47	4	181	89

SURFACE

OCTOBER 2018

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.
83587 BELO HORIZONTE	1956S	04356W	850		911.9	1010.7	23.5	1.6	19.1		12	187	64	5	161	85
83592 CARATINGA	1948S	04209W	609		945.7	1013.1	23.5	1.5	21.6		7	69	-50	2	156	97
83623 VOTUPORANGA	2025S	04959W	503		952.7	1010.7	25.6		26.9		13	101		3		
83630 FRANCA	2033S	04726W	1026				23.0	3.3	20.9		16	223	63	4	113	92
83648 VITORIA	2019S	04020W	36		1011.6	1015.8	24.7	1.2	24.6		11	180	54	4	128	85
83676 CATANDUVA	2108S	04858W	536		948.3	1010.3	25.3	2.1	23.7		12	158	45	5	145	71
83698 CAMPOS	2145S	04120W	11		1015.6	1017.0	24.1		23.9		12	91		3		
83726 SAO CARLOS	2201S	04753W	856		919.0	1015.0	22.5	2.8	20.8		12	239	82	5	128	119
83738 RESENDE	2229S	04428W	440		965.8				21.4		13	105		2		
83766 LONDRINA	2323S	05111W	566		949.1	1013.4	22.7	2.0	21.5		15	269	113	5	185	101
83781 SAO PAULO	2330S	04637W	792		926.5	1014.3	20.0	1.0	19.0		13	120	-3	3	238	176
83827 FOZ DO IGUACU (AEROPORTO)	2531S	05435W	180		984.0	1011.6	22.3		22.0		21	347				
83836 IRATI	2528S	05038W	837		915.8	1012.7	17.8		18.6		17	281		5		55
83842 CURITIBA	2525S	04916W	924		912.7	1015.7	18.1	1.6	17.5		14	223	89	5		
83897 FLORIANOPOLIS	2735S	04834W	2		1015.8	1016.1	21.1	1.5	20.0		16	102	-24	2	124	78
83967 PORTO ALEGRE	3001S	05113W	47		1009.6	1015.3	20.4	1.2	18.2		6	91	-23	3	226	112
83980 BAGE	3120S	05406W	242		986.4	1014.6	17.6	.1	15.4		10	206	76	5	219	109
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1014.5	1019.0	16.1	.4	14.9		8	81	-6	3	227	109
CHILE																
85406 ARICA	1821S	07020W	55		1011.1	1015.5	18.6	1.1	14.6	-4	0	0	0	5	172	90
85418 IQUIQUE	2032S	07011W	48		1009.7	1015.3	18.1	1.2	14.3	.2	0	0	0	5	228	95
85442 ANTOFAGASTA	2326S	07027W	140		999.3	1015.7	15.7	.2	12.8	-5	1	2	1	5	196	80
85469 ISLA DE PASCUA	2710S	10920W	69		1017.5	1022.6	19.8		17.8		8	32		1	213	100
85488 LA SERENA	2955S	07112W	146		999.8	1016.9	13.0	.1	12.2	.0	0	0	-2	2	192	100
85574 PUDAHUEL	3323S	07047W	474		961.7	1016.7	14.9		9.7		1	3		2		
85577 QUINTA NORMAL	3326S	07041W	520		956.8	1017.3	14.8		10.3		1	2		2	221	100
85585 JUAN FERNANDEZ	3337S	07849W	30		1018.1	1021.8	12.6		10.5		11	68		4	160	95
85629 CURICO	3458S	07113W	220		991.3	1017.4	13.6	.6	9.7	-1.9	4	34	-1	3	206	95
85672 CHILLAN	3635S	07202W	148		1000.4	1018.5	11.9	.0	11.0	.4	6	101	32	4		
85682 CONCEPCION	3646S	07304W	148		1018.4	1019.3	11.8	.3	10.9	-1	9	64	0	3	235	90
85743 TEMUCO	3846S	07238W	93		1008.8	1019.2	10.4	-2	10.2	-2	8					
85766 VALDIVIA	3938S	07305W	19		1017.1	1019.2	9.8	-6	10.2	.0	15	107	-2	3	156	75
85782 OSORNO	4036S	07303W	58								16	87	7	3		
85799 PUERTO MONTT	4126S	07306W	90		1008.0	1018.3	9.4	-2	9.9	-1	19	148	28	4	155	100
85864 COYHAIQUE	4536S	07206W	311		977.3	1014.6	8.0	-4	7.1	-6	7	37	-17		189	85
85874 BALMACEDA	4555S	07142W	522		951.9	1014.5	6.6	-1	6.3	-3	5	25	-4	3		
85934 PUNTA ARENAS	5300S	07051W	43		1002.8	1008.0	6.0	-4	6.4	-5	6	28	0	4	233	120
PARAGUAY																
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	167		990.2	1009.3	25.7	-9	21.9	4.7	5	78	26	5	165	
86086 LA VICTORIA	2217S	05756W	88		1001.3	1010.3	26.3	.7	24.5	3.5	10	225	114	5	181	
86097 PEDRO JUAN CABALLERO	2335S	05544W	652		947.4	1011.4	23.6		22.1		12	233		4	195	
86128 POZO COLORADO	2327S	05852W	99		997.9	1009.2	24.6		23.8		4	117		4	171	
86134 CONCEPCION	2325S	05718W	74		1001.3	1010.0	24.6	.1	24.1	3.8	12	309	185	6	183	

SURFACE

OCTOBER 2018

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.
86170 GRAL. BRUGUEZ	2445S	05850W	89		998.7	1008.9	23.7		23.1		11	289		6	184	
86185 SAN PEDRO	2404S	05705W	80		998.3	1007.6	23.8		22.6		5	189		5	146	
86192 SAN ESTANISLAO	2440S	05626W	183		989.5	1011.4	23.4		22.6		15	219		4		
86210 SALTOS DEL GUAIRA	2403S	05419W	265		976.1	1010.3	22.8		22.2		13	287		5	153	
86218 AEROPUERTO SILVIO PETTIROSSI	2515S	05731W	101		1001.6	1011.3	23.6	.4	21.9	3.3	13	283	168	5	185	
86221 PARAGUARI	2538S	05708W	116		997.8	1011.2	23.1		22.0		11	215		5	162	
86233 VILLARRICA	2546S	05626W	161		991.8	1010.7	22.7	.4	22.2	3.4	15	247	92	5	156	
86234 CORONEL OVIEDO	2528S	05624W	159		993.3	1011.7	22.5		19.5		15	231		5	158	
86246 AEROPUERTO INT. GUARANI	2521S	05427W	236		983.1	1011.7	22.2		21.4		19	373		5	127	
86255 PILAR	2651S	05819W	59		1004.6	1011.3	22.1	-.4	20.8	2.1	5	238	103	5	177	
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126		996.4	1011.6	21.7	.3	19.6	2.8	12	182	-3	3	181	
86268 CAAZAPA	2611S	05622W	142		995.2	1011.6	22.1		21.1		15	233		4	138	
86285 CAPITAN MEZA	2656S	05512W	263		981.5	1012.0	20.9		21.4		14	306		5	143	
86297 ENCARNACION	2720S	05550W	91		989.2	1012.5	21.3	.7	19.3	1.7	12	374	193	6	174	
URUGUAY																
86330 ARTIGAS	3023S	05630W	123		999.7	1006.7	19.3	.6	16.8	2.4	5	41	-96	1	254	103
86350 RIVERA	3053S	05532W	242		987.5	1015.6	18.0		15.3		6	122		3	227	100
86360 SALTO	3123S	05757W	33								6	70	-48	2	266	110
86430 PAYSANDU	3220S	05802W	61								4	33		1	218	90
86440 MELO	3222S	05611W	100		1003.5	1009.4	17.1	.2	15.5	1.8	5	80	-22	2	267	115
86460 PASO DE LOS TOROS	3248S	05631W	75								5	62	-49	2	185	83
86490 MERCEDES	3315S	05804W	22		1014.0	1016.1	16.6	-2	14.0	-5	6	68	-34	2	241	103
86560 COLONIA	3427S	05750W	22								6	30	-83	1	212	91
86565 ROCHA	3429S	05418W	18		1013.7	1016.0	14.9	-.2	13.8	-.7	6	32	-66	1	226	106
86580 CARRASCO	3450S	05600W	32		1013.2	1017.2	16.0	.3	13.3	.2	4	16	-91	1	201	83
ARGENTINA																
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3462		670.4	3102 Z	13.7	3.0	5.5	-.1	5	45	29	5	306	
87016 ORAN AERO	2309S	06419W	357		968.5	1008.9	23.4	-.2	19.5	1.9	12	160	109	5	150	
87022 TARTAGAL AERO	2239S	06349W	450		959.6	1010.0	22.3		19.1		13	118			78	
87046 JUJUY AERO	2423S	06505W	921		910.2	1490 Y	21.0		15.5		8	125		6	173	75
87047 SALTA AERO	2451S	06529W	1238		877.6	1493 Y	19.1	.4	14.1	1.6	6	75	49	5	185	102
87065 RIVADAVIA	2410S	06254W	205		986.1		23.4	-1.7	20.0		9	144	102	6		
87078 LAS LOMITAS	2442S	06035W	130		996.2	1011.1	24.2	-.1	20.9	4.0	10	124	71	5	148	57
87097 IGUAZU AERO	2544S	05428W	270		980.7	1011.6	21.7		21.8		20	342		6	102	65
87121 TUCUMAN AERO	2651S	06506W	450		960.9	1011.7	20.5		16.6		9	67			141	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		989.1	1012.1	21.4	-.9	16.0	1.4	9	212	179	6	133	
87148 PRESIDENCIA ROQUE SAENZ PENA	2644S	06029W	93		997.7	1008.4	22.7		20.2		7	82			232	95
87155 RESISTENCIA AERO	2727S	05903W	53		1005.6	1011.6	22.3		19.4		8	126		3	143	70
87162 FORMOSA AERO	2612S	05814W	60		1003.9	1010.9	23.1	.5	22.2	3.0	7	114	-6	3	171	74
87163 B.DE IRIGOYEN AERO	2615S	05339W	815		921.6	1501 Y	17.5		18.1		18	286			116	
87178 POSADAS AERO.	2722S	05558W	131		997.2	1011.7	22.3	.7	19.6	1.6	9	412	235	6	130	65
87217 LA RIOJA AERO.	2923S	06649W	438		961.6	1010.1	21.5	-1.0	14.6	1.8	4	32	20	5	182	69
87222 CATAMARCA AERO.	2836S	06546W	454		957.9	1009.1	22.7		13.7		8	35		4	153	65

SURFACE

OCTOBER 2018

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.
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		975.4	1014.8	18.5	-9	16.1	1.8	9	100	44	5		
87257 CERES AERO	2953S	06157W	88		1001.8	1012.1	20.2	.4	14.5	-1.1	9	109	38	4	241	96
87270 RECONQUISTA AERO	2911S	05942W	53		1007.0	1013.2	20.9	.9	17.6	-2	7	60	-71	2	226	91
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1005.5	1013.7	20.6	.8	17.2	.7	4	53	-98	1	179	
87305 JACHAL	3015S	06845W	1175		881.6		16.8		9.4		1	3			252	105
87311 SAN JUAN AERO	3124S	06825W	598		944.9	1012.7	19.1		9.1		2	13		5	259	85
87320 CHAMICAL AERO	3022S	06617W	467		959.5	1012.1	20.8	-8	15.0	3.6	6	28	6	4	202	
87328 VILLA DOLORES AERO	3157S	06508W	569		948.5	1013.1	19.9	.1	11.6	.8	6	61	23	4	226	86
87344 CORDOBA AERO	3119S	06413W	484		958.1	1015.1	17.4	-8	12.2	-4	6	52	-21	2	208	
87349 PILAR OBSERVATORIO	3140S	06353W	338		973.9	1013.2	17.9	.2	13.0	.6	7	51	-12	3	210	85
87374 PARANA AERO	3147S	06029W	78		1006.7	1015.5	18.0	.0	13.8	-8	5	82	-24	2	219	87
87393 MONTE CASEROS AERO	3016S	05739W	54		1005.6	1011.9	20.1	.7	16.6	.5	4	37	-103	1		
87395 CONCORDIA AERO	3118S	05801W	38		1010.6	1015.1	19.0	.3	15.3	.0	6	82	-40	2	238	
87418 MENDOZA AERO	3250S	06847W	705		933.2	1012.7	18.3	.2	11.3	1.9	2	6	-5	3	238	84
87436 SAN LUIS AERO	3316S	06621W	713		932.2	1012.6	18.4	.0	11.0	1.0	7	47	12	4	253	87
87448 VILLA REYNOLDS AERO	3344S	06523W	486		958.7	1014.7	17.2	.5	10.7	-6	6	24	-34	1	204	86
87453 RIO CUARTO AERO	3307S	06414W	421		966.0	1014.8	16.9	.0	11.4	-3	7	79	-7	3	187	
87467 MARCOS JUAREZ AERO	3242S	06209W	114		1000.4	1013.9	17.2	-1	12.9	-1.1	5	87	-7	4	204	96
87480 ROSARIO AERO	3255S	06047W	25		1012.8	1015.8	17.6	.3	13.3	-1.1	7	133	42	5	209	88
87497 GUALEGUAYCHU AERO	3300S	05837W	23		1012.6	1015.1	17.1	-3	13.8	-6	5	80	-20	2	180	86
87506 MALARGUE AERO	3530S	06935W	1426		857.7	1500 Y	11.7	-4	6.5	-2	4	35	16	5	239	
87509 SAN RAFAEL AERO	3435S	06824W	748		929.6	1015.0	15.5	-7	9.2	.1	7	50	26	5	231	91
87532 GENERAL PICO AERO	3542S	06345W	145		998.8	1015.9	16.3	.1	11.3	-9	8	112	32	4	184	
87534 LABOULAYE AERO	3408S	06322W	137		999.6	1015.8	17.1	.5	12.0	-4	7	69	-7	3	217	90
87544 PEHUAJO AERO	3552S	06154W	87		1006.7	1017.1	15.3	.2	12.7	-6	10	93	-19	2	227	99
87548 JUNIN AERO	3433S	06055W	82		1006.3	1016.0	15.7	.0	12.0	-1.1	8	83	-23	3	234	105
87576 EZEIZA AERO	3449S	05832W	20		1014.5	1016.9	16.6	.7	12.8	-4	6	14	-94	0	146	87
87593 LA PLATA AERO	3458S	05754W	21		1015.1	1017.8	15.2	.0	13.6	-3	2	7	-104	0	225	109
87623 SANTA ROSA AERO	3634S	06416W	191		993.7	1016.3	15.8	.2	10.6	-9	5	40	-30	3	215	95
87640 BOLIVAR AERO	3612S	06104W	94		1004.3	1015.5	14.9		12.3		6	59			229	
87641 AZUL AERO	3650S	05953W	147		999.8	1017.4	13.9		11.4		4	40		1	232	90
87645 TANDIL AERO	3714S	05915W	175		996.5	1017.5	13.0		10.9		2	20		0	222	100
87648 DOLORES AERO	3621S	05744W	10		1014.4	1015.5	15.1	.7	13.1	.0	4	40	-52	1	199	98
87688 TRES ARROYOS	3820S	06015W	115		1001.4	1015.2	13.3		11.0		7	46		1		
87692 MAR DEL PLATA AERO	3756S	05735W	21		1015.1	1017.6	12.2	-9	11.8	-2	6	88	5	4	103	60
87715 NEUQUEN AERO	3857S	06808W	271		982.9	1015.1	12.9	-2.4	7.0	-3	3	47	29	5	170	65
87750 BAHIA BLANCA AERO	3844S	06210W	83		1007.1	1017.1	13.9	-5	10.8	.4	7	69	-1	3	238	
87765 BARILOCHE AERO	4109S	07110W	845		919.9	1483 Y	7.1	-4	6.8	-1	9	46	8	4		
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1012.5	1014.9	14.6	-6	8.1	-8	5	27	4	1	229	
87791 VIEDMA AERO	4051S	06301W	7		1014.9	1015.8	13.3		9.7		6	25		3	260	105
87803 ESQUEL AERO	4256S	07109W	799		922.4	1015.3	7.8	-4	6.4	.5	5	29	4	4	241	
87828 TRELEW AERO	4312S	06516W	43		1009.6	1014.8	13.2	-5	7.5	.8	3	10	-6	3	206	84
87852 PERITO MORENO AERO	4631S	07101W	429		962.2	1013.5	8.9		5.5		0	0				
87860 COMODORO RIVADAVIA AERO	4547S	06730W	58		1006.6	1012.1	12.3	-4	7.4	.9	4	20	6	4	253	130
87896 PUERTO DESEADO AERO	4744S	06555W	81		1002.4	1012.1	8.9	-1.1	7.3	-1	1	6		2	178	
87904 EL CALAFATE AERO	5016S	07203W	204		985.5	1010.2	7.8		5.2		1	32			228	

SURFACE

OCTOBER 2018

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.
87909 SAN JULIAN AERO	4919S	06745W	62		1003.4	1011.0	8.9		6.2		4	15		2	208	130
87925 RIO GALLEGOS AERO	5137S	06917W	20		1006.1	1008.4	7.5	-1.0	5.7	-7	1	3	-13	1	236	
87934 RIO GRANDE B.A.	5348S	06745W	22		1003.7	1006.4	5.5		6.6		2	30		5	233	
87938 USHUAIA AERO	5448S	06819W	57		998.3	1005.4	5.2	-1.0	6.0	-9	9	36	1	1	178	
ISLANDS																
88889 MOUNT PLEASANT AIRPORT	5149S	05827W	73		997.9	1006.5	5.1		6.8							52
88900 BIRD ISLAND, SOUTH GEORGIA	5400S	03803W	2		997.7	997.9	.0		5.2							
88903 GRYTVIKEN,	5416S	03630W	3		994.9	995.1	1.2		4.9							
ANTARCTICA																
ARGENTINA (ANTARCTIC)																
88963 BASE ESPERANZA	6324S	05659W	24		990.9	994.0	-2.3	1.3	4.0		4	29	-27	2	188	95
88968 BASE ORCADAS	6044S	04444W	8		994.8	996.3	-3.9	-8	3.9		9	29	-19	2	60	
89034 BASE BELGRANO II	7752S	03437W	256		955.7	988.6	-15.3		1.7		0	0			274	
89053 BASE JUBANY	6214S	05838W	11		994.3	995.7	-1.5		4.5		5	15			62	
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	208		968.7	993.5	-5.5		3.7						109	
89066 BASE SAN MARTIN	6807S	06708W	7		991.4	992.3	-3.8		3.8		10	35			89	
AUSTRALIA (ANTARCTIC)																
89564 MAWSON	6736S	06252E	16				-12.7									211
89571 DAVIS	6835S	07758E	23		975.2	978.1	-11.6		1.3		0	0	-4	0		
89577 DOME A	8022S	07722E	4084		590.5											
89578 EAGLE	7625S	07701E	2824		676.7		-46.8									
89611 CASEY	6617S	11030E	42		967.9	973.2	-10.5		2.3							
89767 G3	7054S	06952E	84		972.2	983.4	-23.1									
89809 CASEY SKIWAY SOUTH	6617S	11045E	399		926.8	975.1	-12.2		2.1							
CHILE (ANTARCTIC)																
89056 CENTRO MET. ANTARTICO PDTE.	6211S	05859W	48		990.2	995.1	-2.4		4.6	.3	13	35		4		99
89057 BASE ARTURO PRAT	6230S	05941W	5		994.3	995.0	-1.8	1.0	4.6	.4						
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		992.3	993.8	-2.6	.9	4.1	.3	3	7	-80	1		
CHINA (ANTARCTIC)																
89058 GREAT WALL	6213S	05858W	10		992.8	994.9	-1.8		4.7							18
89573 ZHONGSHAN	6922S	07622E	18		976.9	979.2	-12.1		1.3							
FINLAND (ANTARTIC)																
89014 NORDENSKIOLD BASE	7303S	01323W			922.0	986.0	-20.1		1.0							

SURFACE

OCTOBER 2018

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.
FRANCE (ANTARCTIC) 89642 DUMONT D'URVILLE	6639S	14000E	43		974.7	980.2	-13.5		1.3							275
GERMANY (ANTARCTIC) 89002 NEUMAYER	7040S	00815W	50		977.0	982.3	-20.8		1.1							189
INDIA (ANTARCTIC) 89514 MAITRI	7046S	01145E			965.4	980.5	-13.9				7	0115				
ITALY (ANTARCTIC) 89659 PRIESTLEY GLACIER	7338S	16030E	1924		752.9		-37.4									
89661 CAPE PHILLIPS	7331S	16940E	569		911.8	981.0	-17.1									
89662 BASE BAIJA TERRA NOVA	7442S	16400E	92		967.5	979.4	-13.7									
89666 CAPE ROSS	7643S	16250E	150		958.7	977.8	-14.4									
JAPAN (ANTARCTIC) 89532 SYOWA	6900S	03935E	21		981.2	984.0	-16.0	-2.6	1.5	-1						261
NORWAY (ANTARCTIC) 89504 TROLL	7201S	00223E	1284		830.9	984.2	-19.6		.7		1	1				
UKRAINE (ANTARCTIC) 89063 VERNADSKY	6515S	06416W	11		992.2	993.4	-3.0		3.8		8	26				93
UNITED KINGDOM (ANTARCTIC) 89013 BLADRICK AWS	8246S	01303W	1968		759.5		-40.9		.1							
89022 HALLEY	7535S	02639W	35		983.1		-25.2									
89062 ROTHERA	6734S	06808W	33		987.7	991.9	-3.5		3.8							141
89065 FOSSIL BLUFF	7120S	06817W	69		981.9	989.8	-6.6		3.1							
USA (ANTARCTIC) 89009 AMUNDSEN-SCOTT	9000S	00000W	2835		679.6		-46.6	4.5								303
89061 PALMER STATION	6446S	06405W	8		990.9	996.8	-2.7		4.9							
89257 UNI. WI ID 8925- LIMBERT AWS	7525S	05957W	59		985.3	990.7	-23.1		.9							
89262 UNI. WI ID 8926-LARSEN ICE S	6657S	06055W	45		988.5	994.0	-12.5		2.2							
89266 UNI. WI ID 8902 - BUTLER IS.	7212S	06009W	115		978.3	993.2	-16.0		1.5							
89272 UNI. WI ID 8917 - SKI-BLU	7447S	07029W	1589		805.8		-17.4		1.4							
89314 UNI. WI ID 21358 - THERESA	8436S	11540W	1463		813.6		-20.8		1.0							

SURFACE

OCTOBER 2018

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.
89324 UNI. WI ID 8903 - BYRD STN	8000S	11920W	1530		800.1		-24.0									
89329 UNI. WI HARRY	8300S	12123W	945				-20.0									
89332 UNI. WI ID 21361- ELIZABETH	8237S	13700W	549		910.8	974.8	-20.4		1.0							
89345 UNI. WI ID 8900 - SIPLE DOME	8139S	14840W	620		890.2		-20.4									
89376 UNI. WI ID 8911 - GILL	7959S	17830W	55				-24.5									
89664 MCMURDO	7751S	16640E	24		974.1		-14.5	4.9								
89667 UNI. WI ID 8927-PEGASUS NORT	7757S	16630E	10		971.5	979.2	-18.3		1.3							
89734 UNI. WI ID 8982- DOME FUJI	7719S	03942E	3810		594.6		-54.2									
89744 UNI. WI ID 8918- RELAY STAT	7401S	04303E	3353		630.4		-47.6									
89828 UNI. WI ID 8989 - DOME C II	7507S	12320E	3250		634.5		-53.8									
89832 UNI. WI ID 8914 - D-10	6643S	13950E	243		947.2	977.8	-16.1		.8							
89834 UNI. WI ID 8916 - D-47	6724S	13840E	1560		799.5		-27.5		.5							
89864 UNI. WI ID 8905 - MANUELA	7457S	16340E	80		968.2	978.2	-16.6		1.1							
89865 UNI. WI ID 8921 - WHITLOCK	7608S	16820E	274		944.0		-15.5									
89866 UNI. WI ID 8906- MARBLE PT.	7726S	16340E	84		965.1		-14.3									
89868 UNI. WI ID 8913-SCHWERDTFEGE	7954S	16950E	60		970.1	977.2	-22.6		.9							
89869 UNI. WI ID 8931 - MARILYN	7957S	16500E	75		971.3		-20.1									
89872 UNI. WI ID 8934 - FERRELL	7754S	17040E	45		971.8		-19.3									
89873 UNI. WI ID 8915 - ELAINE	8308S	17410E	60		971.5	979.2	-18.3		1.3							
89879 UNI. WI ID 8984-POSSESSION I	7153S	17110E	30		966.5		-11.9									
SOUTH AFRICA (ANTARTIC)																
89004 S.A.N.A.E. AWS	7142S	00248W	817		877.5	983.4	-21.1									
RUSSIAN FEDER. ANTARCTICA																
89050 BELLINGSHAUSEN AWS	6212S	05856W	16		993.4	995.3	-2.1		4.5		9	34				77
89512 NOVOLAZAREVSKAJA	7046S	01150E	119		967.0	982.1	-14.1		1.2		3	24				261
89574 PROGRESS	6924S	07624E	15		977.3	979.2	-11.9		1.4		0	0				233
89592 MIRNYJ	6633S	09301E	40		969.8	975.6	-14.0		1.7		9	64				205
89606 VOSTOK	7827S	10650E	3488		618.0	980.9	-53.9		.0			6				396
SW PACIFIC																
MALAYSIA (PENIN. MALAYSIA)																
48601 PENANG/BAYAN LEPAS	0518N	10010E	4		1010.2	1010.6	27.5	1.1	24.7	-5.1	22	370	-13	4		
48615 KOTA BHARU	0610N	10210E	5		1009.9	1010.5	27.2	.6	24.7		20	252	-16	3		
48620 SITIAWAN	0413N	10040E	8		1009.7	1010.6	26.9		24.5		21	454		5		
48647 KUALA LUMPUR/SUBANG	0307N	10130E	27		1008.5	1011.0	27.0	.7	24.5		22	449	177	5		
48650 SEPANG	0306N	10130E	21		1008.5	1010.4	27.3		24.5		20	348		3		
48657 KUANTAN	0347N	10310E	16		1008.8	1010.6	27.1	1.1	28.4	-8	17	426	155	5		
48665 MALACCA	0216N	10210E	9		1010.1	1011.1	27.4	1.0	28.4		15	199	-13	3		

SURFACE

OCTOBER 2018

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.
SINGAPORE 48698 SINGAPORE/CHANGI AIRPORT	0122N	10350E	16		1009.1	1010.9	27.8	1.0	30.0	.4	15	234	67	5	189	122
USA (PACIFIC OCEAN NORTH)																
91165 LIHUE, KAUAI, HAWAII	2159N	15920W	32		1009.2	1014.5	25.6	.3	25.6		10	128	16	4		
91182 HONOLULU, OAHU, HAWAII	2121N	15750W	5		1013.1	1013.7	26.9	.5	25.1		6	118	61	5		
91190 KAHULUI AIRPORT, MAUI, HAWAII	2054N	15620W	20		1011.7	1014.2	26.9	1.4	26.9		5	46	15	4		
91212 NWSO AGANA, GUAM, MARIANA IS	1328N	14440E	75		1000.9	1009.3	28.8	1.0	34.3		24	225	-81	2		
91285 HILO/GEN. LYMAN, HAWAII, HAW	1943N	15500W	11		1012.6	1014.1	25.0	.7	25.8		25	463	220	5		
91334 CHUUK, ECI	0727N	15150E	4				28.6	1.0				271	-90	2		
91348 POHNPEI, CAROLINE IS.	0658N	15810E	38				27.9	.9				389	-35	3		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16740E	8				28.7	.8				179	-123	1		
91376 MAJURO/MARSHALL IS. INTNL.	0705N	17120E	3				28.8	1.4				217	-134	1		
91413 YAP, CAROLINE IS.	0929N	13800E	16				28.7	1.5				141	-163	1		
NEW CALEDONIA																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	24								2	9	-30			
91592 NOUMEA (NLLE-CALEDONIE)	2217S	16627E	72		1006.8	1014.9	23.3	1.4	20.2		3	26	-27		237	94
FIJI																
91650 ROTUMA	1230S	17700E	26			1010.9	27.6		29.5		25	176		1	163	85
91680 NADI AIRPORT	1745S	17720E	18			1012.5	25.6	.3	26.0		16	173	70	4	159	70
91683 NAUSORI	1803S	17830E	7			1013.9	24.9		27.6		10	221		4		
DETACHED ISLANDS																
91753 HIIHIFO (ILE WALLIS)	1314S	17611W	27		1008.0	1011.2	27.4		29.8		19	371			191	
SAMOA AND AMERICAN SAMOA																
91765 PAGO PAGO/INT.AIRP.	1420S	17040W	6				27.7					305		4		
FRENCH POLY. (MARQUESAS IS)																
91925 ATUONA	0949S	13902W	53		1006.6	1012.6	26.0		25.0		10	61	-24		209	87
FRENCH POLY. (SOCIETY IS)																
91929 BORA-BORA	1627S	15145W	3		1014.0	1014.3	26.5		26.1		13	88				
91938 TAHITI-FAAA	1733S	14937W	2		1014.2	1014.4	26.4		24.3		2	4	-86	0	257	111
FRENCH POLY. (TUAMOTU IS)																
91943 TAKAROA	1429S	14502W	3		1013.5	1013.8	27.4		26.2		6	41	-88		173	

SURFACE

OCTOBER 2018

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.
91948 RIKITEA	2308S	13458W	91		1007.1	1017.5	21.4		21.5		14	161	13		105	56
FRENCH POLY. (AUSTRAL IS)																
91954 TUBUAI	2321S	14929W	3		1017.8	1018.5	20.9		17.7		9	104	-16		155	82
91958 RAPA	2737S	14420W	2		1018.7	1018.9	18.2		14.5		9	96			192	
NEW ZEALAND																
93110 AUCKLAND AERO AWS	3700S	17440E	7			1020.0	14.3		13.1		9	77		3		
93292 GISBORNE AERODROME AWS	3839S	17750E	5			1018.4	13.7	-1	11.9		7	39	-19	2	274	
93309 NEW PLYMOUTH AWS	3901S	17410E	32			1019.4	12.4		12.9		9	82		2	242	
93420 PARAPARAUMU AERO AWS	4054S	17450E	7			1018.8	12.8		12.0		8	78		2	186	
93439 WELLINGTON AERO AWS	4120S	17440E	13			1018.0	13.3		11.3		7	82		3		
93615 HOKITIKA AERODROME AWS	4243S	17050E	45			1018.7	11.5		11.3		15	188		1	191	
93678 KAIKOURA	4225S	17340E	105			1016.7	11.8		10.7		7	86		4		
93747 TARA HILLS AWS	4431S	16950E	488			1017.5	10.6		7.8		8	78		5		
93781 CHRISTCHURCH AERO AWS	4329S	17230E	37			1017.0	11.2		10.6		6	78		5	209	105
93845 INVERCARGILL AERO AWS	4625S	16820E	2			1016.6	10.2		9.6		14	79		2		
93947 CAMPBELL ISLAND AWS	5233S	16900E	19			1005.6			7.8		23	85		1		
93994 RAOUL ISLAND, KERMADEC IS. A	2915S	17750W	49			1020.4	18.0		15.3		11	73		3	238	
AUSTRALIA																
94100 KALUMBURU	1418S	12630E	29		1007.8	1010.5	30.7		23.2							
94120 DARWIN AIRPORT	1225S	13050E	35		1006.9	1010.9	29.7		26.8		3	31	-44	2	309	105
94131 TINDAL RAAF	1431S	13220E	135		994.8	1009.9	31.2		18.3		2	23				
94150 GOVE AIRPORT	1217S	13640E	54		1005.6	1011.7	27.4		25.6							
94170 WEIPA AERO	1241S	14150E	19		1009.4	1011.5	29.3		22.3		2	4				
94203 BROOME AIRPORT	1757S	12210E	17		1009.9	1010.9	27.9		24.9		0	0	-1	1		
94212 HALLS CREEK AIRPORT	1814S	12740E	424		963.8	1009.1	30.9		12.8							
94238 TENNANT CREEK MET OFFICE	1938S	13410E	377		968.8	1010.7	30.7		10.1							
94260 BURKETOWN AIRPORT	1745S	13930E	6		1010.6	1011.3	28.8		21.8							
94274 GEORGETOWN AIRPORT	1818S	14330E	303		977.5	1011.3	29.1		14.0							
94287 CAIRNS AERO	1653S	14540E	8		1013.2	1014.2	25.8		23.1		3	15	-28	2		
94294 TOWNSVILLE AERO	1915S	14640E	9		1013.2	1014.3	26.0		22.7		3	42	17	5		
94299 WILLIS ISLAND	1618S	14950E	9		1012.7	1013.8	26.7		23.5		1	2	-17	1		
94300 CARNARVON AIRPORT	2453S	11340E	8		1014.7	1015.2	21.5		17.2		0	0	-6	1		
94302 LEARMONTH AIRPORT	2214S	11400E	6		1013.3	1013.9	24.3		15.0							
94312 PORT HEDLAND AIRPORT	2022S	11830E	10		1010.2	1011.2	27.9		18.7							
94313 WITTENOOM	2215S	11820E	464		959.4	1010.7	29.2		8.2		0	0		3		
94317 NEWMAN AERO	2325S	11940E	526		952.2	1010.3	26.6		7.2		2	6				
94326 ALICE SPRINGS AIRPORT	2348S	13350E	547		951.6	1013.0	25.5		9.2							
94332 MOUNT ISA AERO	2041S	13920E	342		973.3	1011.6	28.1		8.8		2	8	-11	1		
94340 RICHMOND POST OFFICE	2044S	14300E	214								2	3		2		
94346 LONGREACH AERO	2326S	14410E	192		990.0	1011.9	28.9		10.8							
94367 MACKAY MO	2107S	14910E	33		1010.7	1014.9	25.1		22.2		3	28	-11	3		

SURFACE

OCTOBER 2018

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.
94374 ROCKHAMPTON AERO	2323S	15020E	14		1013.6	1015.3	25.2		19.4		8	36				
94403 GERALDTON AIRPORT	2848S	11440E	37		1011.9	1015.5	18.7		14.7		1	6	-14	1		
94430 MEEKATHARRA AIRPORT	2637S	11830E	522		953.7	1012.0	23.9		8.6							
94461 GILES METEOROLOGICAL OFFICE	2502S	12810E	599		945.1	1011.6	26.2		9.5		3	27	14	5		
94476 OODNADATTA AIRPORT	2733S	13520E	118		1000.5	1014.1	25.0		8.9							
94510 CHARLEVILLE AERO	2625S	14610E	306		978.9	1013.6	25.5		10.2							
94517 ST GEORGE AIRPORT	2803S	14830E	200		992.0	1014.9	23.1		12.9							
94570 TEWANTIN RSL PARK	2623S	15300E	7		1016.1	1017.0	21.2		20.4		13	449				
94578 BRISBANE AERO	2723S	15300E	10		1016.2	1017.3	20.6		18.6		14	124	20	1	242	90
94589 YAMBA PILOT STATION	2926S	15320E	30		1014.7	1018.0	19.9		20.0		10	157		5		
94601 CAPE LEEUWIN	3422S	11500E	14		1015.1	1016.8	16.0		13.1		13	62		3		
94602 ROTTNEST ISLAND	3201S	11530E	43		1010.4	1015.5	17.7		14.0		6	18				
94610 PERTH AIRPORT	3156S	11550E	20		1013.4	1015.8	18.2		12.9		6	35	-11	2	262	
94637 KALGOORLIE-BOULDER AIRPORT	3047S	12120E	370		972.3	1014.5	19.1		11.7		7	69	51	5		
94638 ESPERANCE	3350S	12150E	27		1013.6	1016.8	16.8		13.1							
94647 EUCLA	3141S	12850E	102		1005.4	1016.5	18.5		12.9		5	19		4		
94653 CEDUNA AMO	3208S	13340E	24		1014.5	1016.4	18.2		12.1							
94655 TARCOOLA AERO	3043S	13430E	125		1001.6	1016.0	21.5		8.7							
94659 WOOMERA AERODROME	3109S	13640E	168		996.1	1015.8	21.2		8.4							
94672 ADELAIDE AIRPORT	3457S	13830E	8		1016.0	1017.0	17.6		10.3		3	13	-24	1	232	85
94681 NURIOTPA VITICULTURAL	3429S	13900E	276		984.6	1017.1	16.3		9.1		5	18	-30	1		
94693 MILDURA AIRPORT	3414S	14200E	53		1010.7	1016.8	19.2		8.7		3	12	-16	2		
94707 CONDOBLIN AG RESEARCH STN	3304S	14710E	195				19.6				5	30		2		
94711 COBAR MO	3129S	14550E	264		985.3	1015.9	21.6		9.1		4	39	3	1		
94730 BATHURST AGRICULTURAL STATIO	3326S	14930E	713				14.9				7	50		2		
94740 GUNNEDAH SCS	3102S	15010E	307				20.9				5	38		2		
94750 NOWRA RAN AIR STATION AWS	3457S	15030E	122		1006.6	1019.0	17.0		14.0		10	77	-24	1		
94767 SYDNEY AIRPORT AMO	3356S	15110E	6		1018.5	1019.1	18.6		15.8		16	143	65	5	183	74
94776 WILLIAMTOWN RAAF	3248S	15150E	10		1017.5	1018.4	18.6		16.2		9	137	55	5		
94786 PORT MACQUARIE AIRPORT AWS	3126S	15250E	5		1017.9	1018.5	18.6		17.2		12	111				
94802 ALBANY AIRPORT	3456S	11740E	71		1008.5	1016.9	15.2		12.9							
94812 ROBE	3710S	13940E	4				14.4				7	24		2		
94814 STRATHALBYN RACECOURSE	3517S	13850E	58		1010.2	1017.2	16.1		9.8							
94821 MOUNT GAMBIER AERO	3744S	14040E	69		1009.7	1018.0	13.8		11.5							
94826 CAPE NELSON LIGHTHOUSE	3826S	14130E	47		1012.5	1018.1	14.8		12.1		6	15				
94827 NHILL AERODROME	3619S	14130E	140		1000.8	1017.4	15.7		9.6		4	29				
94842 CAPE OTWAY LIGHTHOUSE	3851S	14330E	83		1008.6	1018.6	14.4		11.3		9	55		2		
94865 LAVERTON RAAF	3752S	14440E	20		1016.1	1018.6	15.6		10.9		5	25	-36	1		
94866 MELBOURNE AIRPORT	3740S	14450E	132		1004.3	1018.6	15.4		9.9		5	36	-23	2	238	110
94893 WILSONS PROMONTORY LIGHTHOUS	3907S	14620E	97		1006.9	1018.6	14.2		11.5							
94907 EAST SALE AIRPORT	3806S	14700E	8				14.4		12.0		4	34	-21	2		
94910 WAGGA WAGGA AMO	3510S	14720E	221		992.3	1017.6	17.7		9.3		4	20	-38	1		
94926 CANBERRA AIRPORT	3518S	14910E	580		952.0	1019.3	15.0		9.7		4	14	-51	1		
94937 MORUYA HEADS PILOT STATION	3555S	15000E	17				15.7				10	83		4		
94954 CAPE GRIM BAPS	4040S	14440E	94		1008.0	1019.2	12.7		11.1		9	19				
94967 CAPE BRUNY LIGHTHOUSE	4330S	14700E	55				12.7				11	43		1		

SURFACE

OCTOBER 2018

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.
94975 HOBART AIRPORT	4250S	14730E	27		1015.3	1018.6	13.4		9.6		5	36	-14	3	251	118
94983 EDDYSTONE POINT	4100S	14820E	21		1016.7	1019.2	14.2		11.5		6	21		1		
95322 RABBIT FLAT	2011S	13000E	340		972.2	1010.1	29.5		13.2		8	63				
95482 BIRDSVILLE AIRPORT	2554S	13920E	47		1007.7	1013.1	27.3		7.7							
95492 THARGOMINDAH AIRPORT	2759S	14340E	132		999.3	1014.4			7.8							
95527 MOREE AERO	2929S	14950E	218		990.6	1015.9	21.8		13.0		8	70				
95529 MILES CONSTANCE STREET	2639S	15010E	305		980.8	1015.9	22.2		15.2		7	78				
95541 INVERELL (RAGLAN ST)	2947S	15100E	636				18.3									
95625 CUNDERDIN AIRFIELD	3137S	11710E	217		990.2	1015.6	17.7		11.8		7	29				
95640 WANDERING	3240S	11640E	275				15.3		12.2		9	34				
95646 FORREST	3050S	12800E	160		996.9	1015.6	19.9		11.9		8	26				
95670 RAYVILLE PARK	3347S	13810E	109		1003.8	1016.7	17.2		8.9							
95719 DUBBO AIRPORT AWS	3213S	14830E	285		983.7	1017.0	19.2		11.4		8	90				
95753 RICHMOND RAAF	3336S	15040E	21		1016.6	1019.0	18.6		15.2		12	115				
95784 TAREE AIRPORT AWS	3153S	15230E	12		1017.3	1018.4	18.6		16.6		13	207				
95805 CAPE BORDA AWS	3545S	13630E	158		998.5	1017.4			11.0							
95869 DENILQUIN AIRPORT AWS	3534S	14450E	96		1005.9	1017.2	17.9		8.5		5	44				
95908 THREDBO VILLAGE	3630S	14810E	1380				8.7									
95916 CABRAMURRA SMHEA	3556S	14820E	1483				9.8		7.5		5	58				
95940 PT PERPENDICULAR AWS	3505S	15040E	85		1009.4	1019.3	16.8		14.8		12	88				
95964 LOW HEAD	4103S	14640E	4		1018.7	1019.1	13.2		12.0		6	20				
AUSTRALIA (ADDITIONAL IS.)																
94995 LORD HOWE ISLAND AERO	3132S	15900E	7		1018.7	1019.5	18.9		16.4		8	34	-70	0		
94996 NORFOLK ISLAND AERO	2902S	16750E	117		1005.2	1019.0	18.2		16.5							
94998 MACQUARIE ISLAND	5430S	15850E	8		1000.5	1001.5	4.6		7.3		19	72	1	4	116	130
INDONESIA																
96001 SABANG/CUT BAU	0552N	09519E	126		997.3	1011.8	26.6		29.7		14	230			130	
96035 MEDAN/POLONIA	0334N	09841E	25		1009.8	1010.6	26.4		30.3		19	289			126	55
96073 SIBOLGA/PINANGSORI	0133N	09853E	3		1010.0	1010.7	25.9		4.3		24	773		2	95	75
96091 TANJUNG PINANG/KIJANG	0055N	10430E	18		1009.1	1011.4	27.1		30.2		15	333			181	230
96109 PEKAN BARU/SIMPANGTIGA	0028N	10120E	31		1006.0	1009.7	26.8		29.3		23	298		4	135	80
96145 TAREMPA	0312N	10610E	3		1009.9	1010.3	27.4		30.6		21	281			135	135
96163 PADANG/TABING	0053S	10020E	3		1010.8	1011.5	26.0		31.5		27	562		6	121	130
96171 RENGAT/JAPURA	0020S	10210E	46		1007.9	1010.3	26.7		29.7		26	334		6	139	150
96195 JAMBI/SULTAN TAHA	0138S	10330E	25		1007.4	1010.4	27.1		29.8			138			146	145
96221 PALEMBANG/ST. M. BADARUDIN I	0254S	10440E	10		1009.2	1010.6	27.8		29.9		12	176		0	167	90
96237 PANGKAL PINANG	0210S	10600E	33		1006.2	1010.4	27.4		26.0		7	89			133	65
96249 TANJUNG PANDAN/BULUH TUMBANG	0245S	10740E	44		1004.6	1010.8	26.5		3.4		17	0471		4	153	105
96253 BENGKULU/PADANG KEMILING	0353S	10220E	16		1007.9	1009.9	27.0		30.2		15	283			154	80
96509 TARAKAN/JUWATA	0320N	11730E	6		1009.5	1009.2	27.8		30.9		21	392			203	
96581 PONTIANAK/SUPADIO	0009S	10920E	3		1010.2	1010.9	26.4		29.4			522		1	159	110
96633 BALIKPAPAN/SEPINGGAN	0116S	11650E	3		1009.6	1010.0	27.9		31.7		14	213		5	151	120
96645 PANGKALAN BUN/ISKANDAR	0242S	11140E	25		1007.6	1010.9	27.0		29.6		14	0179		3	139	110

SURFACE

OCTOBER 2018

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.
96685 BANJARMASIN/SYAMSUDIN NOOR	0326S	11440E	20		1007.9	1010.0	28.0		28.8		12	113		1	186	125
96739 CURUG/BUDIARTO	0614S	10630E	46		1006.1	1011.0	27.6		28.8		7	100		2		
96745 JAKARTA/OBSERVATORY	0611S	10650E	8		1010.3	1010.8	29.4		28.6		6	161		4	189	115
96749 JAKARTA/SOEKARNO-HATTA	0607S	10630E	8		1009.6	1010.9	28.5		28.2		5	58			200	
96791 CIREBON/JATIWANGI	0645S	10810E	50		1005.5	1010.5	29.9		25.4		2	10		2	195	110
96797 TEGAL	0651S	10900E	10		1010.6	1010.9	28.8		27.2		2	15		1	268	125
96805 CILACAP	0744S	10900E	6		1011.8	1012.5	27.3		29.1		6	46			248	130
96837 SEMARANG	0658S	11020E	3		1010.2	1010.3	29.8		27.4		10	80			278	265
96839 SEMARANG/AHMAD YANI	0659S	11020E	3		1010.1	1010.7	29.3		27.2		9	139			294	120
96925 SANGKAPURA (BAWEAN IS.)	0551S	11230E	3		1010.0	1010.5	28.8		29.2		5	52			276	120
96935 SURABAYA/JUANDA	0722S	11240E	3		1010.4	1010.7	29.5		26.4		0	0			262	110
97014 MENADO/ SAM RATULANGI	0132N	12450E	80		1001.0	1010.3	27.0		27.3		15	161		2	185	110
97072 PALU/MUTIARA	0041S	11940E	6			1011.5	28.3		29.5		10	610			198	150
97086 LUWUK/BUBUNG	0054S	12240E	2		1008.5	1010.6	28.6		27.5		2	0			257	
97120 MAJENE	0230S	11900E			1007.2	1010.7	28.4		29.6		12	226			245	95
97146 KENDARI/WOLTER MONGINSIDI	0406S	12220E	50		1006.0	1012.0	29.6				1	1				
97192 BAU-BAU/BETO AMBARI	0528S	12230E	2		1006.4	1012.8	28.0		27.4		0	0			269	
97230 DENPASAR/NGURAH RAI	0845S	11510E	1		1011.5	1012.0	27.5		28.5		1	6		2	316	120
97240 MATARAM/SELAPARANG	0832S	11600E	3		1001.6	1013.2	26.1		26.5		4	6			251	
97260 SUMBAWA BESAR/BRANGBIJI	0826S	11720E	3		1009.9	1010.3	29.0		27.5		0	0		0	327	120
97340 WAINGAPU/MAU HAU	0940S	12020E	12		1010.7	1011.8	28.0		27.1		1	6		3	242	105
97372 KUPANG/ELTARI	1010S	12340E	108		1004.5	1012.1	27.7		28.2		1	1			142	65
97430 TERNATE/BABULLAH	0046N	12720E	23		1007.3	1011.2	27.3		23.9		11	143		4	208	110
97502 SORONG/JEFMAN	0056S	13100E	3		1009.8	1009.8	27.0		30.8		19	234			186	170
97530 MANOKWARI/RENDANI	0053S	13400E	3		1009.0	1009.4	27.4		29.5		1	126		1	147	100
97560 BIAK/FRANS KAISIEPO	0111S	13600E	11		1011.1	1012.4	27.1		30.7		21	137			154	120
97600 SANANA	0205S	12600E	2		1010.2	1010.4	28.4		23.0		3	23		0	233	115
97686 WAMENA	0404S	13850E	1660		792.6	958.6	18.9		18.6		22	137		4	122	60
97690 JAYAPURA/SENTANI	0234S	14020E	99		999.5	1009.0	27.6		28.8		13	85			157	
97724 AMBON/PATTIMURA	0342S	12800E	12		1008.7	1010.6	27.2		29.0		2	29			186	90
97796 TIMIKA	0500S	13720E	3		1006.9	1011.7	26.4		29.4		17	332			85	
97900 SAUMLAKI/OLILIT	0759S	13110E	24		1011.7	1011.0	28.9		28.3		1	62				
97980 MERAUKE/MOPAH	0828S	14020E	3		1010.0	1010.4	26.9		26.9		3	5			245	110
BRUNEI DARUSSALAM																
96315 BRUNEI AIRPORT	0456N	11450E	22		1009.0	1010.9	27.9		31.3	1.2	21	266	-38	2	226	110
MALAYSIA (SABAH AND SARAWAK)																
96413 KUCHING	0129N	11020E	27		1010.7	1008.0	26.5				18	359		3		
96421 SIBU	0220N	11150E	31		1010.7	1007.1	26.2		39.2		17	258		3		
96441 BINTULU	0312N	11300E	5		1010.2	1007.5	26.7	.1	1.5		19	274	-61	1		
96449 MIRI	0420N	11350E	18		1010.0	1008.1	27.5	.9	2.9		13	292	-14	3		
96465 LABUAN	0518N	11510E	30		1010.3	1007.0	27.6		15.5	-14.9	17	356		3		
96471 KOTA KINABALU	0556N	11600E	3		1010.5	1010.2	27.8				17	183		1		
96481 TAWAU	0416N	11750E	20		1009.9	1008.0	27.2		45.3		9	55	-115	1		

SURFACE

OCTOBER 2018

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.
96491 SANDAKAN	0554N	11800E	13		1010.1	1008.9	27.9	1.0	31.7		15	311		3		
ISLANDS																
96995 CHRISTMAS ISLAND AERO	1027S	10540E	279		983.7	1013.3										
96996 COCOS ISLAND AERO	1211S	09650E	4		1013.5	1013.9	26.9		25.1							
PHILIPPINES																
98223 LAOAG	1811N	12030E	5		1009.7	1010.3	27.5		28.1		4	15		1	277	
98232 APARRI	1822N	12130E	3		1011.4	1011.7			29.8	-4	12	305	-64		225	
98233 TUGUEGARAO	1737N	12140E	62		1004.6	1011.7	27.5		28.1		9	146			212	
98325 DAGUPAN	1603N	12020E	2		1010.3	1010.5	28.7	.7	31.7	1.8	6	143	-41	0	272	
98328 BAGUIO	1625N	12030E	1501		851.1	1008.3	19.5		19.3		10	269			185	
98330 CABANATUAN	1529N	12050E	32		1007.2	1010.4	28.7		29.8		6	264				
98430 SCIENCE GARDEN	1438N	12100E	46		1005.3	1010.2	28.1		28.1		12	189			176	
98444 LEGASPI	1308N	12340E	17		1008.5	1010.3	28.0	.8	31.7	1.4	10	61	-279		214	
98550 TACLOBAN	1115N	12500E	3		1009.3	1009.6	28.5	.9	23.7	-6.4	13	77	-120			
98644 TAGBILARAN	0936N	12350E	8		1007.3	1010.2	27.2		31.7		7	89				
98646 MACTAN	1018N	12350E	24		1007.0	1009.8	28.6	.5	29.8	-7	16	224	76		241	
98653 SURIGAO	0948N	12530E	55		1006.8	1011.3	28.9	1.4	31.7	1.1	12	145	-71			
98755 HINATUAN	0822N	12620E	3		1009.4	1009.8	27.9		29.8		12	122		0		
98836 ZAMBOANGA	0654N	12200E	6		1009.6	1010.4	27.8	.3	29.8	.1	9	70	-87			
98851 GENERAL SANTOS	0601N	12500E	133		995.4	1010.2	27.8		28.0		5	89				
98851 GENERAL SANTOS	0601N	12500E	133		995.4	1010.2	27.8		28.0		5	89				

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.
AUGUST 2018																
AFRICA																
EQUATORIAL GUINEA																
64810 MALABO	0345N	00846E	56		1010.9	1014.0	25.4		28.7		15	227			52	
64820 BATA (RIO MUND)	0154N	00948E	8		1013.6	1014.5	26.1		28.9		0	0				
SEPTEMBER 2018																
AFRICA																
NIGER																
61017 BILMA	1841N	01255E	357		969.1	1008.0	33.8		13.9		1	5		5	272	85
61024 AGADEZ	1658N	00759E	502		953.9	1008.3	32.5		18.9		2	50		2	236	80
61036 TILLABERY	1412N	00127E	210		985.9	1009.2	30.3		28.2		10	791		4	251	100
61043 TAHOUA	1454N	00515E	391		965.9	1008.1	29.5		24.8		9	74		4	256	100
61045 GOURE	1359N	01018E	464		960.3	1010.9	28.7		24.8		6	73		4	243	
61049 N'GUIGMI	1415N	01307E	286				30.3		24.4		3	45		5	263	100
61052 NIAMEY-AERO	1329N	00210E	227		985.0	1010.0	30.0		27.0		7	99		4	262	100
61053 DOSSO	1302N	00318E	213		984.3	1008.9	28.1		28.8		10	93			242	
61075 BIRNI-N'KONNI	1348N	00515E	273		979.6	1009.8	29.2		27.7		7	106		3	244	90
61080 MARADI	1328N	00705E	373		968.6	1009.9	27.9		28.1		10	203		5	245	95
61085 DIFFA	1325N	01247E	305		975.4	1009.2	28.8		27.9		10	51		4		
61090 ZINDER	1347N	00859E	453		959.3	1009.2	28.7		26.2		8	160		5	236	85
61091 MAGARIA	1259N	00856E	403		965.7	1010.1	28.4		26.8		6	60		5	245	95
61096 MAINE-SOROA	1314N	01159E	338		907.1	1009.2	28.5		26.3		7	87		5	248	95
61099 GAYA	1153N	00327E	203		986.4	1009.6	27.8		30.4		15	166		4	212	90
ANTARCTICA																
AUSTRALIA (ANTARCTIC)																
89577 DOME A	8022S	07722E	4084		622.8											

UPPER AIR

OCTOBER 2018

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL	TEMPERATURE			VECTOR WIND			LEVEL	TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	
EUROPE - CYPRUS ATHALASSA 17607 OCT 2018 3509N 03324E OB 2									EUROPE - JORDAN MAFRAQ 40265 OCT 2018 3222N 03615E OB 3									ASIA - SAUDI ARABIA AL-QAISUMAH 40373 OCT 2018 2819N 04608E OB									
030	23859	2	-57.3	31.1	9	50	297	4	030	26448	9	-63.7			9	94	263	19	030	23867	6	-57.0	29.9	6	38	252	3
050	20673	0	-62.5	29.6	9	59	276	5	050	23962	3	-60.7			3	93	261	23	050	20685	6	-64.1	25.6	6	43	291	3
100	16412	0	-62.4	26.8	4	88	271	12	100	12164	3	-57.9			3	86	261	23	100	16530	6	-69.7	16.5	6	94	263	15
150	13896	0	-59.8	24.3	5	92	265	15	150	19526	1	-41.1			1	78	255	19	150	14071	6	-62.3	18.0	6	98	260	28
200	12093	0	-57.6	15.5	6	88	262	16	200	17500	1	-24.4	12.3		1	78	250	15	200	12267	6	-55.2	15.9	6	97	261	30
300	9458	0	-41.7	13.0	6	72	256	12	300	5833	1	-11.8	14.7		1	85	241	13	300	9586	6	-38.1	15.4	6	95	263	18
500	5784	0	-13.4	19.2	5	69	240	7	500	4412	1	-1.8	15.0		1	77	227	12	500	5868	5	-10.9	19.3	5	70	284	5
700	3133	0	4.5	18.3	2	45	216	3	700	3168	1	6.6	16.9		1	75	219	9	700	3194	5	8.3	16.7	5	34	283	2
850	1524	0	14.1	11.8	1	31	124	1	850	1542	1	16.9	12.4		1	42	224	6	850	1551	5	21.7	21.0	5	17	281	1
996	* 162		24.1	10.7					939	* 683		18.3	6.3						973	* 358		30.5	18.9				
ASIA - INDIA NEW DELHI/SAFDARJUNG 42182 OCT 2018 2835N 07712E OB 3									ASIA - INDIA LUCKNOW/AMAUSI 42369 OCT 2018 2645N 08053E OB 3									ASIA - INDIA GUWAHATI 42410 OCT 2018 2606N 09135E OB 3									
030									030										030								
050	20678		-61.9	15.1		73	262	5	050	20804	1	-62.6	19.6		1	66	248	4	050	20707	3	-62.3	11.2	8	31	254	1
100	16503		-70.1	13.1		97	264	20	100	16503		-72.8	15.2		1	89	260	16	100	16573	1	-75.1	8.7	1	95	264	16
150	14058		-62.4	14.6		98	262	33	150	14222		-63.0	15.5		1	90	254	27	150	14171		-65.1	10.4	1	98	255	30
200	12242		-52.2	16.2		97	264	37	200	12265		-51.4	16.1		1	95	259	32	200	12368		-52.3	12.3	1	98	253	34
300	9526		-36.4	17.7		95	269	28	300	9539		-33.4	16.5			92	261	27	300	9624		-31.6	17.8	1	98	255	29
500	5805		-11.5	20.8		90	282	11	500	5816		-9.8	16.1			78	275	9	500	5827		-7.3	23.4	1	96	257	15
700	3142		6.7	15.8		87	288	7	700	3142		5.9	10.8			82	310	7	700	3135		6.9	10.7	1	47	238	2
850	1511		19.7	15.4		84	298	5	850	1514		18.7	10.9			83	304	5	850	1510		16.4	4.8	1	15	98	1
979	* 216		25.3	9.0					997	* 128		26.3	7.8						1006	* 54		22.2	.9				
ASIA - INDIA CALCUTTA/DUM DUM 42809 OCT 2018 2239N 08827E OB 3									ASIA - INDIA NAGPUR SONEGAON 42867 OCT 2018 2106N 07903E OB 3									ASIA - INDIA BHUBANESHWAR 42971 OCT 2018 2015N 08550E OB 3									
030									030										030								
050	20702	1	-63.5	10.2	1	59	101	2	050	20700		-63.5				83	97	5	050	20731	4	-63.6	28.4	5	94	85	5
100	16601	1	-77.4	7.7	1	87	255	10	100	16604		-77.8				73	244	7	100	16633	2	-78.5	19.2	5	61	236	2
150	14226		-66.6	8.7		97	246	20	150	14226		-66.2				94	244	15	150	14265	1	-56.6	18.2	5	91	233	15
200	12428		-52.6	10.6		96	242	22	200	12427		-52.7	11.2			94	251	18	200	12467	1	-52.0	15.5	5	92	233	16
300	9679		-30.7	16.0		97	246	18	300	9682		-31.2	16.6			96	258	15	300	9711	1	-29.6	18.7	3	87	243	12
500	5858		-5.7	18.2		92	250	10	500	5867		-5.7	22.2			87	275	7	500	5880	1	-4.3	14.4	2	74	244	6
700	3142		9.5	20.0		53	279	4	700	3160		8.3	16.4			79	10	5	700	3151		10.5	12.1	2	27	290	1
850	1510		17.7	7.5		44	348	2	850	1524		20.0	10.1			71	47	3	850	1510		18.9	5.6	2	60	30	4
1010	* 6		27.6	5.6					976	* 310		25.4	6.3						1005	* 46		26.6	3.6				

UPPER AIR

OCTOBER 2018

LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND			LEVEL		TEMPERATURE			VECTOR WIND								
PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED	PRESSURE	HEIGHT	MISSING DAYS	MEAN	DEW POINT DEPRESSION	MISSING DAYS	STEADINESS	DIRECTION	SPEED			
hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps	hPa	gpm		°C	°C		%	o	mps			
ASIA - INDIA BOMBAY / SANTACRUZ 43003 OCT 2018 1907N 07251E OB 3									ASIA - INDIA HYDERABAD AIRPORT 43128 OCT 2018 1727N 07828E OB 3									ASIA - INDIA CWC VISHAKHAPATNAM/WALTAIR 43150 OCT 2018 1742N 08318E OB 3											
030									030										030										
050	20685		-63.8	11.1		29	96	3	050	20859	9	-63.4	41.7		9	72	46	5	050										
100	16599		-78.8	20.1		47	226	4	100	16653	9	-78.8	49.4		9	16	152	1	100	16927	9	-75.7	.5		9	99	145	6	
150	14229		-65.6	9.7		85	243	11	150	14281	8	-52.0	22.7		8	79	230	5	150	14461	9	-56.0	36.7		9	99	174	3	
200	12434		-53.0	10.9		92	248	13	200	12481	8	-52.0	22.7		8	79	230	5	200	12584	9	-44.7	21.2		9	99	182	4	
300	9690		-30.8	16.2		87	266	9	300	9723	8	-29.5	2.6		8	63	227	3	300	9756	9	-24.5	12.1		9	99	206	1	
500	5869		-5.3	16.6		56	305	3	500	5881	7	-3.7	25.1		7	26	181	1	500	5880	9	-4.1	11.0		9	99	151	1	
700	3157		8.3	9.0		75	78	3	700	3152	6	10.1	.9		6	66	50	2	700	3148	9	11.4	1.6		9	99	131	1	
850	1515		21.2	10.7		84	69	4	850	1508	6	20.5	12.4		6	74	46	3	850	1502	9	18.8	10.9		9	99	78	2	
1008	* 14		29.1	7.4					951	* 545		22.6	18.3						1003	* 66		28.0	19.5						
ASIA - INDIA GOA/PANJIM 43192 OCT 2018 1529N 07349E OB 3									ASIA - INDIA PORT BLAIR 43333 OCT 2018 1140N 09243E OB 3									ASIA - INDIA KOCHIN/WILLINGDON 43353 OCT 2018 0957N 07616E OB 3											
030									030										030										
050	20715	9	-65.4	42.5		9	73	49	5	050	20696	1	-64.7	42.7		1	80	49	7	050	20626	5	-66.5	44.0		5	84	51	7
100	16640	7	-79.4	41.7		7	22	89	1	100	16635	1	-80.3	41.9		1	67	39	3	100	16585	3	-80.5	48.7		3	64	48	3
150	14273	5	-66.9	28.5		5	41	237	2	150	14285	1	-67.4	28.5		1	76	44	3	150	14235	2	-67.7	35.0		2	47	54	2
200	12479	3	-52.5	14.9		3	57	232	2	200	12491	1	-52.4	13.3		1	68	45	2	200	12446	2	-53.0	18.4		2	40	42	1
300	9740	2	-28.9	39.1		2	24	214	1	300	9734	1	-29.2	36.6		1	71	29	1	300	9699	2	-29.7	39.3		2	40	58	1
500	5891	2	-3.7	13.8		2	36	41	1	500	5887	1	-4.2	8.5		1	32	35	1	500	5863	2	-5.0	11.5		2	29	54	1
700	3159	2	9.9	4.7		2	67	55	2	700	3155	1	10.5	7.0		1	11	43	1	700	3141	2	9.8	4.0		2	52	57	1
850	1511	2	20.8	15.6		2	61	54	2	850	1508	1	19.0	16.6		1	7	333	1	850	1504	2	18.5	14.4		2	55	33	1
1002	* 60		25.0	23.8						1001	* 79		26.3	24.3						1007	* 3		28.0	23.8					
ASIA - INDIA MINICOY 43369 OCT 2018 0818N 07309E OB 3									ASIA - INDIA THIRUVANANTHAPURAM 43371 OCT 2018 0829N 07657E OB 3									ASIA - HONG KONG, CHINA KOWLOON 45004 OCT 2018 2219N 11410E OB 1											
030									030										030	23867	0	-55.8	28.5		0	93	90	9	
050	20668		-65.9	43.5		79	45	7	050	20654	9	-68.2	45.2		9	76	38	8	050	20698	0	-64.0	25.7		0	90	87	7	
100	16613		-80.0	44.0		59	56	2	100	16613	9	-80.0	42.2		9	47	47	3	100	16616	0	-78.7	7.8		0	74	268	7	
150	14237		-66.2	29.7		62	43	3	150	14261	9	-67.5	27.4		9	60	79	3	150	14249	0	-66.2	9.9		0	86	274	12	
200	12441		-52.9	14.4		50	29	2	200	12473	9	-53.5	11.7		9	51	81	3	200	12448	0	-52.4	14.9		0	90	286	14	
300	9704		-29.7	36.8		43	31	1	300	9725	9	-30.0	36.0		9	58	48	1	300	9703	0	-31.1	18.5		0	90	285	12	
500	5866		-5.1	10.0		15	8	1	500	5887	9	-4.7	7.5		9	31	69	1	500	5883	0	-5.5	13.6		0	91	286	9	
700	3142		10.0	5.0		14	46	1	700	3156	9	11.0	8.0		9	10	181	1	700	3168	0	8.4	7.0		0	73	304	5	
850	1501		18.6	15.1		9	71	1	850	1505	9	19.3	16.6		9	65	43	1	850	1541	0	15.3	6.9		0	61	50	3	
1009	* 2		27.6	24.8					1002	* 64		25.3	24.0						1008	* 66		23.4	6.3						

UPPER AIR

OCTOBER 2018

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

OCTOBER 2018

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

STATION LIST RECENT DATA

10505	C	AACHEN-ORSBACH	GERMANY	89009	C	AMUNDSEN-SCOTT	USA
06030	C	AALBORG	DENMARK AND FAROE I	25563	C	ANADYR'	RUSSIAN FEDERATION
04220	C	AASIAAT (EGEDESMINDE)	GREENLAND	70273	C	ANCHORAGE/INT., AK	USA
40831	C	ABADAN	IRAN, ISLAMIC REP	10520	C	ANDERNACH	GERMANY
07005	C	ABBEVILLE	FRANCE	10291	C	ANGERMUENDE	GERMANY
03502	C	ABERPORTH	U KINGDOM	17130	C	ANKARA/CENTRAL	TURKEY
41112	C	ABHA	SAUDI ARABIA	60360	C	ANNABA	ALGERIA
65578	C	ABIDJAN	COTE D'IVOIRE	17300	C	ANTALYA	TURKEY
41217	C	ABU DHABI INTER. AIRPORT	U ARAB EMIRATES	40718	C	ANZALI	IRAN, ISLAMIC REP
78650	C	ACAJUTLA	EL SALVADOR	47575	C	AOMORI	JAPAN
17069	C	ADAPAZARI	TURKEY	80084	C	APARTADO/LOS CEDROS	COLOMBIA
94672	C	ADELAIDE AIRPORT	AUSTRALIA	37781	C	ARAGAC H/M	ARMENIA
17265	C	ADYAMAN	TURKEY	71592	C	ARCTIC BAY CS, NU	CANADA
60620	C	ADRAR	ALGERIA	22550	C	ARHANGEL'SK	RUSSIAN FEDERATION
76644	C	AEROP.INTERNACIONAL MERIDA,	MEXICO	85406	C	ARICA	CHILE
17190	C	AFYON	TURKEY	10091	C	ARKONA	GERMANY
23383	C	AGATA	RUSSIAN FEDERATION	62772	C	AROMA	SUDAN
17099	C	AGRI	TURKEY	76840	C	ARRIAGA, CHIS.	MEXICO
10309	C	AHAUS	GERMANY	10460	C	ARTERN	GERMANY
42647	CT	AHMADABAD	INDIA	44288	C	ARVAIHEER	MONGOLIA
37663	C	AHTY	RUSSIAN FEDERATION	60452	C	ARZEW	ALGERIA
60415	C	AIN-BESSAM	ALGERIA	47407	C	ASAHIKAWA	JAPAN
07761	C	AJACCIO	FRANCE	85175	C	ASCENCION DE GUARAYOS	BOLIVIA
38178	C	AK-BAJTAL	UZBEKISTAN	72315	C	ASHEVILLE/MUN., NC.	USA
47582	C	AKITA	JAPAN	33915	C	ASKANIYA-NOVA	UKRAINE
38232	C	AKKUDUK	KAZAKHSTAN	34880	C	ASTRAHAN'	RUSSIAN FEDERATION
42933	C	AKOLA	INDIA	65376	C	ATAKPAME	TOGO
72521	C	AKRON/AKRON-CANTON REG. OH.	USA	35078	C	ATBASAR	KAZAKHSTAN
35229	C	AKTOBE	KAZAKHSTAN	17607	T	ATHALASSA	CYPRUS
04063	C	AKUREYRI	ICELAND	71747	C	ATIKOKAN (AUT), ONT	CANADA
40361	C	AL-JOUF	SAUDI ARABIA	72219	C	ATLANTA/MUN., GA.	USA
08280	C	ALBACETE/LOS LLANOS	SPAIN	91925	C	ATUONA	FRENCH POLY.
31004	C	ALDAN	RUSSIAN FEDERATION	35700	C	ATYRAU	KAZAKHSTAN
07139	C	ALENCON	FRANCE	93110	C	AUCKLAND AERO AWS	N ZEALAND
10442	C	ALFELD	GERMANY	10852	C	AUGSBURG	GERMANY
08359	C	ALICANTE	SPAIN	38334	C	AUL TURARA RYSKULOVA	KAZAKHSTAN
72517	C	ALLENTOWN/A.-BETHLEHEM-EASTO	USA	72254	C	AUSTIN/CTY, TX.	USA
08487	C	ALMERIA/AEROPUERTO	SPAIN	08210	C	AVILA	SPAIN
44277	C	ALTAI	MONGOLIA	31168	C	AYAN	RUSSIAN FEDERATION
26346	C	ALUKSNE	LATVIA	17234	C	AYDIN	TURKEY
37682	C	AMASIA	ARMENIA	87641	C	AZUL AERO	ARGENTINA
94568	C	AMBERLEY AMO	AUSTRALIA	87163	C	B.DE IRIGOYEN AERO	ARGENTINA
23022	CT	AMDERMA	RUSSIAN FEDERATION	62809	C	BABANUSA	SUDAN
42071	C	AMRITSAR	INDIA	82460	C	BACABAL	BRAZIL

STATION LIST RECENT DATA

10542	C	BAD HERSFELD	GERMANY	10519	C	BONN-ROLEBER	GERMANY
30554	CT	BAGDARIN	RUSSIAN FEDERATION	07510	C	BORDEAUX MERIGNAC	FRANCE
41150	C	BAHRAIN (INT. AIRPORT)	BAHRAIN	72509	C	BOSTON/LOGAN INT.,	USA
44265	C	BAITAG	MONGOLIA	60515	C	BOU-SAADA	ALGERIA
23891	C	BAJKIT	RUSSIAN FEDERATION	08575	C	BRAGANCA	PORTUGAL
29328	C	BAKCHAR	RUSSIAN FEDERATION	10224	C	BREMEN	GERMANY
07299	C	BALE-MULHOUSE	FRANCE	16061	C	BRIC DELLA CROCE	ITALY
61291	C	BAMAKO/SENOU	MALI	11723	C	BRNO/TURANY	CZECH REP
43295	C	BANGALORE	INDIA	10453	C	BROCKEN	GERMANY
29612	C	BARABINSK	RUSSIAN FEDERATION	96315	C	BRUNEI AIRPORT	BRUNEI DARUSSALAM
89057	C	BASE ARTURO PRAT	CHILE	15420	C	BUCURESTI BANEASA	ROMANIA
17282	C	BATMAN	TURKEY	12843	C	BUDAPEST/PESTSZENTLORINC	HUNGARY
97192	C	BAU-BAU/BETO AMBARI	INDONESIA	71077	C	BUFFALO NARROWS (AUT),	CANADA
52495	C	BAYAN MOD	CHINA	38683	C	BUHARA	UZBEKISTAN
60571	C	BECHAR	ALGERIA	44239	C	BULGAN	MONGOLIA
06380	C	BEEK/MAASTRICHT AP/MAASTRICH	NETHERLANDS	08075	C	BURGOS/VILLAFRIA	SPAIN
54511	C	BEIJING	CHINA	47159	C	BUSAN	REP KOREA
60402	C	BEJAIA-AEROPORT	ALGERIA	72774	C	BUTTE, MT MT BERT MOONEY ARP	USA
03976	C	BELMULLET	IRELAND	15350	C	BUZAU	ROMANIA
60518	C	BENI-SAF	ALGERIA	48914	C	CA MAU	VIET NAM
13274	C	BEOGRAD	SERBIA AND MONTENEG	86268	C	CAAZAPA	PARAGUAY
01317	C	BERGEN/FLORIDA	NORWAY	98330	C	CABANATUAN	PHILIPPINES
40179	C	BET DAGAN	ISRAEL	08261	C	CACERES	SPAIN
42971	CT	BHUBANESHWAR	INDIA	08452	C	CADIZ, OBS.	SPAIN
12295	C	BIALYSTOK	POLAND	07027	C	CAEN	FRANCE
29939	C	BIJSK ZONAL'NAYA	RUSSIAN FEDERATION	94287	C	CAIRNS AERO	AUSTRALIA
42165	C	BIKANER	INDIA	42807	C	CALCUTTA/ALIPORE	INDIA
08025	C	BILBAO/SONDICA	SPAIN	03808	C	CAMBORNE	U KINGDOM
17203	C	BINGOL	TURKEY	17112	C	CANAKKALE	TURKEY
88900	C	BIRD ISLAND, SOUTH GEORGIA	ISLANDS	48808	C	CAO BANG	VIET NAM
28138	C	BISER	RUSSIAN FEDERATION	07661	C	CAP CEPET	FRANCE
64510	C	BITAM	GABON	71818	C	CARTWRIGHT, NFLD	CANADA
14652	C	BJELASNICA	BOSNIA AND HERZEGOV	08286	C	CASTELLON	SPAIN
01028	C	BJORNOYA	NORWAY	16459	C	CATANIA SIGONELLA	ITALY
28766	C	BLAGOVESHCHENKA	KAZAKHSTAN	94653	C	CEDUNA AMO	AUSTRALIA
68442	C	BLOEMFONTEIN AIRPORT	SOUTH AFRICA	89056	C	CENTRO MET. ANTARTICO PDTE.	CHILE
74492	C	BLUE HILL OBS. MA.	USA	87257	C	CERES AERO	ARGENTINA
82024	C	BOA VISTA	BRAZIL	38511	C	CHAGYL	TURKMENISTAN
65510	C	BOBO-DIOULASSO	BURKINA FASO	10577	C	CHEMNITZ	GERMANY
01152	C	BODO VI	NORWAY	41768	C	CHHOR	PAKISTAN
34110	C	BOGORODITSKOE-FENINO	RUSSIAN FEDERATION	30758	C	CHITA	RUSSIAN FEDERATION
72681	C	BOISE/MUN., ID.	USA	60425	C	CHLEF	ALGERIA
31174	C	BOL'SHOJ SHANTAR	RUSSIAN FEDERATION	21946	C	CHOKURDAH	RUSSIAN FEDERATION
43003	T	BOMBAY / SANTACRUZ	INDIA	93781	C	CHRISTCHURCH AERO AWS	N ZEALAND

STATION LIST RECENT DATA

48517	C	CHUMPHON	THAILAND	89571	C	DAVIS	AUSTRALIA
96805	C	CILACAP	INDONESIA	71966	C	DAWSON, YT	CANADA
72421	C	CINCINNATI/GREATER CINCINNAT	USA	72429	C	DAYTON/. COX, OH.	USA
96791	C	CIREBON/JATIWANGI	INDONESIA	06235	C	DE KOOY	NETHERLANDS
08348	C	CIUDAD REAL	SPAIN	71222	C	DEASE LAKE AUT, BC	CANADA
72328	C	CLARKSVILLE, TN	USA	12882	C	DEBRECEN	HUNGARY
07460	C	CLERMONT-FERRAND	FRANCE	16546	C	DECIMOMANNU	ITALY
15120	C	CLUJ-NAPOCA	ROMANIA	65505	C	DEDOUGOU	BURKINA FASO
71358	C	CLYDE RIVER CLIMATE, NU	CANADA	72787	C	DEER PARK, WA DEER PARK ARPT	USA
76741	C	COATZACOALCOS, VER.	MEXICO	38734	C	DEHAVZ	TAJKISTAN
85041	C	COBIJA	BOLIVIA	71573	C	DELHI CS, ONT	CANADA
85223	C	COCHABAMBA	BOLIVIA	17237	C	DENIZLI	TURKEY
43466	C	COLOMBO	SRI LANKA	56444	C	DEQEN	CHINA
76848	C	COMITAN, CHIS.	MEXICO	37470	C	DERBENT	RUSSIAN FEDERATION
85196	C	CONCEPCION	BOLIVIA	72546	C	DES MOINES/MUN., IA.	USA
03955	C	CORK AIRPORT	IRELAND	72537	C	DETROIT/METROPOLITAN, MI.	USA
10496	C	COTTBUS	GERMANY	41923	C	DHAKA	BANGLADESH
41992	C	COX'S BAZAR	BANGLADESH	42404	C	DHUBRI	INDIA
85864	C	COYHAIQUE	CHILE	41242	C	DIBA	OMAN
16480	C	COZZO SPADARO	ITALY	72763	C	DICKINSON, ND	USA
15450	C	CRAIOVA	ROMANIA	10321	C	DIEPHOLZ	GERMANY
72325	C	CROSSVILLE, TN	USA	61085	C	DIFFA	NIGER
80097	C	CUCUTA/CAMILO DAZA	COLOMBIA	07280	C	DIJON	FRANCE
08231	C	CUENCA	SPAIN	72770	C	DILLON, MT DILLON ARPT	USA
83361	C	CUIABA	BRAZIL	61666	C	DIORBEL	SENEGAL
28704	C	CULPANOVO	RUSSIAN FEDERATION	63471	C	DIREDAWA	ETHIOPIA
95625	C	CUNDERDIN AIRFIELD	AUSTRALIA	17280	C	DIYARBAKIR	TURKEY
83842	C	CURITIBA	BRAZIL	60670	C	DJANET	ALGERIA
72769	C	CUT BANK, MT CUT BANK MUNI A	USA	60535	C	DJELFA	ALGERIA
10131	C	CUXHAVEN	GERMANY	34504	C	DNIPROPETROVS'K	UKRAINE
43150	CT	CWC VISHAKHAPATNAM/WALTAIR	INDIA	16033	C	DOBBIACO	ITALY
48855	C	DA NANG	VIET NAM	63862	C	DODOMA	U REP TANZANIA
58666	C	DACHEN DAO	CHINA	64401	C	DOLISIE	CONGO
47133	C	DAEJEON	REP KOREA	89577	C	DOME A	AUSTRALIA
98325	C	DAGUPAN	PHILIPPINES	48848	C	DONG HOI	VIET NAM
62467	C	DAHAB	EGYPT	65501	C	DORI	BURKINA FASO
60096	C	DAKHLA	WESTERN SAHARA	61053	C	DOSSO	NIGER
31873	C	DAL'NERECHENSK	RUSSIAN FEDERATION	52836	C	DOULAN	CHINA
62805	C	DAMAZINE	SUDAN	10488	C	DRESDEN-KLOTZSCHE	GERMANY
04320	C	DANMARKSHAVN	GREENLAND	41515	C	DROSH	PAKISTAN
65351	C	DAPAON	TOGO	03969	C	DUBLIN AIRPORT	IRELAND
60390	C	DAR-EL-BEIDA	ALGERIA	10400	C	DUESSELDORF	GERMANY
38392	C	DASHOGUZ	TURKMENISTAN	72745	C	DULUTH/INT., MN.	USA
26544	C	DAUGAVPILS	LATVIA	89642	C	DUMONT D'URVILLE	FRANCE

STATION LIST RECENT DATA

52418	C	DUNHUANG	CHINA	38750	C	ESENGYLY	TURKMENISTAN
76423	C	DURANGO, DGO.	MEXICO	40800	C	ESFAHAN	IRAN, ISLAMIC REP
42731	C	DWARKA	INDIA	35067	C	ESIL'	KAZAKHSTAN
03091	C	DYCE	U KINGDOM	03162	C	ESKDALEMUIR	U KINGDOM
21908	C	DZALINDA	RUSSIAN FEDERATION	94638	C	ESPERANCE	AUSTRALIA
30089	C	DZHIKIMDA	RUSSIAN FEDERATION	87803	C	ESQUEL AERO	ARGENTINA
89578	C	EAGLE	AUSTRALIA	10410	C	ESSEN-BREDENEY	GERMANY
68858	C	EAST LONDON	SOUTH AFRICA	71559	C	ESTEVAO RCS, SASK	CANADA
62750	C	ED DUEIM	SUDAN	94647	C	EUCLA	AUSTRALIA
94983	C	EDDYSTONE POINT	AUSTRALIA	72477	C	EUREKA, NV RAMOS	USA
17050	C	EDIRNE	TURKEY	72432	C	EVANSVILLE/REG., IN.	USA
71155	C	EDMONTON INTERNATIONAL CS, A	CANADA	37747	C	EVLAKH AIRPORT	AZERBAIJAN
06280	C	EELDE/GRONINGEN AP EELDE	NETHERLANDS	87576	C	EZEIZA AERO	ARGENTINA
71296	C	EGBERT CS, ONT	CANADA	65507	C	FADA N'GOURMA	BURKINA FASO
25378	C	EGVEKINOT	RUSSIAN FEDERATION	41262	C	FAHUD	OMAN
40199	C	EILAT	ISRAEL	70261	C	FAIRBANKS/INT., AK	USA
52267	C	EJIN QI	CHINA	62423	C	FARAFRA	EGYPT
31707	C	EKATERINO-NIKOL'SKOE	RUSSIAN FEDERATION	10908	C	FELDBERG/SCHWARZWALD	GERMANY
38388	C	EKEZHE	TURKMENISTAN	41943	C	FENI	BANGLADESH
31329	C	EKIMCHAN	RUSSIAN FEDERATION	38618	C	FERGANA	UZBEKISTAN
62337	C	EL ARISH	EGYPT	11155	C	FEUERKOGEL	AUSTRIA
60550	C	EL-BAYADH	ALGERIA	10578	C	FICHELBERG	GERMANY
17202	C	ELAZIG	TURKEY	17375	C	FINIKE	TURKEY
12160	C	ELBLAG	POLAND	72637	C	FLINT/BISHOP, MI.	USA
63686	C	ELDORET	KENYA	82678	C	FLORIANO	BRAZIL
72307	C	ELIZABETH CITY, NC CG AIR ST	USA	01238	C	FOKSTUA II	NORWAY
71352	C	ELORA RCS, ONT	CANADA	82212	C	FONTE BOA	BRAZIL
72486	C	ELY/YELLAND, NV.	USA	71212	C	FORET MONTMORENCY RCS, QUE	CANADA
07591	C	EMBRUN	FRANCE	89065	C	FOSSIL BLUFF	U KINGDOM
10200	C	EMDEN-FLUGPLATZ	GERMANY	83827	C	FOZ DO IGUACU (AEROPORTO)	BRAZIL
76256	C	EMPALME, SON.	MEXICO	10637	C	FRANKFURT/M-FLUGHAFEN	GERMANY
62781	C	EN NAHUD	SUDAN	10803	C	FREIBURG	GERMANY
25356	C	EN' MUVEEM	RUSSIAN FEDERATION	16179	C	FRONTONE	ITALY
86297	C	ENCARNACION	PARAGUAY	10895	C	FUERSTENZELL	GERMANY
29263	C	ENISEJSK	RUSSIAN FEDERATION	47807	C	FUKUOKA	JAPAN
16450	C	ENNA	ITALY	08522	C	FUNCHAL	MADEIRA
72790	C	EPHRATA, WA EPHRATA MUNI ARP	USA	58847	C	FUZHOU	CHINA
72550	C	EPPLEY FIELD, OMAHA,	USA	89767	C	G3	AUSTRALIA
24817	C	ERBOGACEN	RUSSIAN FEDERATION	60745	C	GAFSA	TUNISIA
44237	C	ERDENEMANDAL	MONGOLIA	74641	C	GAGE, OK GAGE ARPT	USA
53068	C	ERENHOT	CHINA	74756	C	GAINSVILLE, FL	USA
10554	C	ERFURT-BINDERSLEBEN	GERMANY	15310	C	GALATI	ROMANIA
34186	C	ERSHOV	RUSSIAN FEDERATION	64454	C	GAMBOMA	CONGO
17092	C	ERZINCAN	TURKEY	37735	C	GANDJA	AZERBAIJAN

STATION LIST RECENT DATA

65522	C	GAOUA	BURKINA FASO	02126	C	GUNNARN	SWEDEN
10359	C	GARDELEGEN	GERMANY	40360	C	GURIAT	SAUDI ARABIA
40405	C	GASSIM	SAUDI ARABIA	42410	C	GUWAHATI	INDIA
61099	C	GAYA	NIGER	38763	C	GYZYLARBAT	TURKMENISTAN
17260	C	GAZIANTEP	TURKEY	40250	C	H-4 'IRWAISHED'	JORDAN
26157	C	GDOV	RUSSIAN FEDERATION	47678	C	HACHUJOJIMA	JAPAN
62752	C	GEDAREF	SUDAN	47069	C	HAEJU	DPR KOREA
10628	C	GEISENHEIM	GERMANY	10616	C	HAHN	GERMANY
06700	C	GENEVE-COINTRIN	SWITZERLAND & LIECH	40394	C	HAIL	SAUDI ARABIA
68828	C	GEORGE AIRPORT	SOUTH AFRICA	17285	C	HAKKARI	TURKEY
10567	C	GERA-LEUMNITZ	GERMANY	53336	C	HALIUT	CHINA
60566	C	GHARDAIA	ALGERIA	10147	C	HAMBURG-FUHLBUETTEL	GERMANY
40296	C	GHOR SAFI	JORDAN	10338	C	HANNOVER	GERMANY
08495	C	GIBRALTAR	GIBRALTAR	02197	C	HAPARANDA	SWEDEN
10532	C	GIESSEN	GERMANY	40153	C	HAR-KNAAN (ZEFAT)	ISRAEL
34740	C	GIGANT	RUSSIAN FEDERATION	60563	C	HASSIR'MEL	ALGERIA
08014	C	GIJON-MUSEL	SPAIN	20891	C	HATANGA	RUSSIAN FEDERATION
94461	C	GILES METEOROLOGICAL OFFICE	AUSTRALIA	71361	C	HAY RIVER CLIMATE, NWT	CANADA
17034	C	GIRESUN	TURKEY	03772	C	HEATHROW	U KINGDOM
93292	C	GISBORNE AERODROME AWS	N ZEALAND	10015	C	HELGOLAND	GERMANY
41140	C	GIZAN	SAUDI ARABIA	16754	C	HERAKLION (AIRPORT)	GREECE
71363	C	GJOA HAVEN CLIMATE, NU	CANADA	72301	C	HICKORY, NC HICKORY RGNL ARP	USA
72768	C	GLASGOW/INT., MT.	USA	76323	C	HIDALGO DEL PARRAL,	MEXICO
72522	C	GLENN FALLS, NY	USA	60001	C	HIERRO/AEROPUERTO	SPAIN
20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION	71066	C	HIGH LEVEL A, ALTA	CANADA
43192	CT	GOA/PANJIM	INDIA	91753	C	HIHIFO (ILE WALLIS)	DETACHED ISLANDS
71261	C	GODERICH, ONT	CANADA	30844	C	HILOK	RUSSIAN FEDERATION
10444	C	GOETTINGEN	GERMANY	98755	C	HINATUAN	PHILIPPINES
83423	C	GOIANIA	BRAZIL	47765	C	HIROSHIMA	JAPAN
33041	C	GOMEL	BELARUS	94975	C	HOBART AIRPORT	AUSTRALIA
71816	C	GOOSE A, NFLD	CANADA	10685	C	HOF	GERMANY
71956	C	GORE BAY CLIMATE, ONT	CANADA	10962	C	HOHENPEISSENBERG	GERMANY
02589	C	GOTSKA SANDON	SWEDEN	93615	C	HOKITIKA AERODROME AWS	N ZEALAND
07535	C	GOURDON	FRANCE	02287	C	HOLMON	SWEDEN
94150	C	GOVE AIRPORT	AUSTRALIA	70341	C	HOMER/MUNICIPAL	USA
86170	C	GRAL. BRUGUEZ	PARAGUAY	62131	C	HON	LIBYA
10184	C	GREIFSWALD	GERMANY	71900	C	HOPEDALE (AUT), NFLD	CANADA
10791	C	GROSSER ARBER	GERMANY	51828	C	HOTAN	CHINA
88903	C	GRYTVIKEN,	ISLANDS	72243	C	HOUSTON/INTERCONTINENTAL, TX	USA
59287	C	GUANGZHOU	CHINA	44218	C	HOVD	MONGOLIA
60403	C	GUELMA	ALGERIA	71868	C	HUDSON BAY, SASK	CANADA
57816	C	GUIYANG	CHINA	08383	C	HUELVA	SPAIN
74757	C	GULFPORT, MS	USA	44285	C	HUJIRT	MONGOLIA
17088	C	GUMUSHANE	TURKEY	72323	C	HUNTSVILLE/MADISON CO., AL.	USA

STATION LIST RECENT DATA

03862	C	HURN	U KINGDOM	41259	C	JABAL SHAMS	OMAN
44232	C	HUTAG	MONGOLIA	72235	C	JACKSON/ALLEN C. THOMPSON FI	USA
41764	C	HYDERABAD	PAKISTAN	08417	C	JAEN	SPAIN
47016	C	HYESAN	DPR KOREA	43041	C	JAGDALPUR	INDIA
15090	C	IASI	ROMANIA	24959	C	JAKUTSK	RUSSIAN FEDERATION
80214	C	IBAGUE/PERALES	COLOMBIA	76687	C	JALAPA, VER.	MEXICO
41252	C	IBRI	OMAN	96195	C	JAMBI/SULTAN TAHA	INDONESIA
23274	C	IGARKA	RUSSIAN FEDERATION	01001	C	JAN MAYEN	NORWAY
87097	C	IGUAZU AERO	ARGENTINA	54026	C	JARUD QI	CHINA
61968	C	ILES GLORIEUSES	OCEAN ISLANDS	97690	C	JAYAPURA/SENTANI	INDONESIA
25248	C	ILIRNEJ	RUSSIAN FEDERATION	41024	C	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA
60640	C	ILLIZI	ALGERIA	47184	C	JEJU	REP KOREA
31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION	60725	C	JENDOUBA	TUNISIA
20667	C	IM. M.V. POPOVA	RUSSIAN FEDERATION	08451	C	JEREZ DE LA FRONTERA AEROPUE	SPAIN
64459	C	IMPFONDO	CONGO	41936	C	JESSORE	BANGLADESH
60611	C	IN-AMENAS	ALGERIA	41598	C	JHELUM	PAKISTAN
47112	C	INCHEON	REP KOREA	60351	C	JIJEL-ACHOUAT	ALGERIA
42754	C	INDORE	INDIA	63402	C	JIMMA	ETHIOPIA
67323	C	INHAMBANE	MOZAMBIQUE	54823	C	JINAN	CHINA
11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA	52533	C	JIUQUAN	CHINA
72747	C	INT.FALLS/FALLS INT. MN.	USA	41756	C	JIWANI	PAKISTAN
71364	C	INUVIK CLIMATE, NWT	CANADA	41287	C	JOBA	OMAN
93845	C	INVERCARGILL AERO AWS	N ZEALAND	42339	C	JODHPUR	INDIA
80370	C	IPIALES/SAN LUIS	COLOMBIA	03956	C	JOHNSTOWN CASTLE	IRELAND
71321	C	IQALUIT CLIMATE, NU	CANADA	02963	C	JOKIOINEN	FINLAND
85418	C	IQUIQUE	CHILE	02550	C	JONKOPING/AXAMO	SWEDEN
83836	C	IRATI	BRAZIL	85585	C	JUAN FERNANDEZ	CHILE
30710	C	IRKUTSK	RUSSIAN FEDERATION	21931	C	JUBILEJNAJA	RUSSIAN FEDERATION
29807	C	IRTYSHSK	KAZAKHSTAN	87046	C	JUJUY AERO	ARGENTINA
71074	C	ISACHSEN (AUT), NU	CANADA	78866	C	JULIANA AIRPORT,	NETHERLANDS ANTILLE
47918	C	ISHIGAKIJIMA	JAPAN	87548	C	JUNIN AERO	ARGENTINA
17370	C	ISKENDERUN	TURKEY	32150	C	JUZHNO-SAHALINSK	RUSSIAN FEDERATION
41571	C	ISLAMABAD AIRPORT	PAKISTAN	02935	C	JYVASKYLA	FINLAND
17240	C	ISPARTA	TURKEY	40417	C	K.F.I.A. (KING FAHAD INT. AI	SAUDI ARABIA
82336	C	ITACOATIARA	BRAZIL	62810	C	KADOGLLI	SUDAN
04339	C	ITTOQQORTOORMIIT (SCORESBYSU	GREENLAND	47827	C	KAGOSHIMA	JAPAN
10142	C	ITZEHOE	GERMANY	10427	C	KAHLER ASTEN	GERMANY
33526	C	IVANO-FRANKIVS'K	UKRAINE	10747	C	KAISERBACH-CRONHUETTE	GERMANY
23921	C	IVDEL'	RUSSIAN FEDERATION	16726	C	KALAMATA (AIRPORT)	GREECE
60010	C	IZANA	SPAIN RATION	25745	C	KAMENSKOE	RUSSIAN FEDERATION
34415	C	IZIUM	UKRAINE	47605	C	KANAZAWA	JAPAN
17220	C	IZMIR/GUZELYALI	TURKEY	61679	C	KAOLACK	SENEGAL
84088	C	IZOBAMBA	ECUADOR	71299	C	KAPUSKASING CDA ON, ONT	CANADA
47800	CT	IZUHARA	JAPAN	02418	C	KARLSTAD FLYGPLATS	SWEDEN

STATION LIST RECENT DATA

17074	C	KASTAMONU	TURKEY	43314	C	KOZHICODE	INDIA
26629	C	KAUNAS	LITHUANIA	12566	C	KRAKOW	POLAND
92076	C	KAVIENG W.O.	PAPUA N GUINEA	11012	C	KREMSMUENSTER	AUSTRIA
61257	C	KAYES	MALI	33791	C	KRYVYI RIH	UKRAINE
27595	C	KAZAN'	RUSSIAN FEDERATION	60514	C	KSAR CHELLALA	ALGERIA
61699	C	KEDOUGOU	SENEGAL	48647	C	KUALA LUMPUR/SUBANG	MALAYSIA
04018	C	KEFLAVIKURFLUGVOLLUR	ICELAND	96413	C	KUCHING	MALAYSIA
22520	C	KEM'-PORT	RUSSIAN FEDERATION	71332	C	KUGLUKTUK CLIMATE, NU	CANADA
60120	C	KENITRA	MOROCCO	38343	C	KULAN	KAZAKHSTAN
16641	C	KERKYRA (AIRPORT)	GREECE	56778	C	KUNMING	CHINA
02805	C	KEVO	FINLAND	97372	C	KUPANG/ELTARI	INDONESIA
72201	C	KEY WEST/INT., FL	USA	51644	C	KUQA	CHINA
34300	C	KHARKIV	UKRAINE	15730	C	KURDJALI	BULGARIA
33902	C	KHERSON	UKRAINE	47418	C	KUSHIRO	JAPAN
33429	C	KHMEL'NYTS'KYI	UKRAINE	17155	C	KUTAHYA	TURKEY
38954	C	KHOROG	TAJIKISTAN	71906	C	KUJJUAQ A, QUE	CANADA
38599	C	KHUDJANT	TAJIKISTAN	40582	C	KUWAIT INTERNATIONAL AIRPORT	KUWAIT
10046	C	KIEL-HOLTENAU	GERMANY	02119	C	KVIKKJOKK ARRENJARKA	SWEDEN
64387	C	KIGALI	RWANDA	91366	C	KWAJALEIN/BUCHOLZ AAF, MARSH	USA
02801	C	KILPISJARVI	FINLAND	30949	C	KYRA	RUSSIAN FEDERATION
47025	C	KIMCHAEK	DPR KOREA	36096	C	KYZYL	RUSSIAN FEDERATION
40437	C	KING KHALED INT. AIRPORT	SAUDI ARABIA	35576	C	KZYLZAR	KAZAKHSTAN
03017	C	KIRKWALL	U KINGDOM	33393	C	L'VIV	UKRAINE
24606	C	KISLOKAN	RUSSIAN FEDERATION	08001	C	LA CORUNA	SPAIN
61270	C	KITA	MALI	82723	C	LABREA	BRAZIL
92001	C	KIUNGA W.O.	PAPUA N GUINEA	60545	C	LAGHOUAT	ALGERIA
30925	C	KJAHTA	RUSSIAN FEDERATION	41640	C	LAHORE CITY	PAKISTAN
21921	C	KJUSJUR	RUSSIAN FEDERATION	08509	C	LAJES (ACORES)	PORTUGAL
11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	72240	C	LAKE CHARLES/MUN.,	USA
10635	C	KLEINER FELDBERG/TAUNUS	GERMANY	64551	C	LAMBARENE	GABON
32389	C	KLJUCHI	RUSSIAN FEDERATION	48830	C	LANG SON	VIET NAM
72326	C	KNOXVILLE/MUN., TN.	USA	98223	C	LAOAG	PHILIPPINES
11487	C	KOCELOVICE	CZECH REP	23867	C	LAR' YAK	RUSSIAN FEDERATION
06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK AND FAROE I	60030	C	LAS PALMAS DE GRAN CANARIA/G	SPAIN
28879	C	KOKSHETAY	KAZAKHSTAN	94865	C	LAVERTON RAAF	AUSTRALIA
29231	C	KOLPASEVO	RUSSIAN FEDERATION	07471	C	LE PUY	FRANCE
33883	C	KOMRAT	REP MOLDOVA	94302	C	LEARMONTH AIRPORT	AUSTRALIA
10929	C	KONSTANZ	GERMANY	12120	C	LEBA	POLAND
25503	C	KORKODON	RUSSIAN FEDERATION	03257	C	LEEMING	U KINGDOM
11968	C	KOSICE	SLOVAKIA	98444	C	LEGASPI	PHILIPPINES
42452	C	KOTA AERODROME	INDIA	10449	C	LEINEFELDE	GERMANY
61293	C	KOUTIALA	MALI	36208	C	LENINOGORSK	KAZAKHSTAN
45004	CT	KOWLOON	HONG KONG, CHINA	08055	C	LEON/VIRGEN DEL CAMINO	SPAIN
38915	C	KOYTENDAG	TURKMENISTAN	03005	C	LERWICK	U KINGDOM

STATION LIST RECENT DATA

80398	C	LETICIA/VASQUEZ COBO	COLOMBIA	47750	C	MAIZURU	JAPAN
03171	C	LEUCHARS	U KINGDOM	91376	C	MAJURO/MARSHALL IS. INTNL.	USA IA
72422	C	LEXINGTON/BLUE GRASS, KY.	USA	28666	C	MAKUSINO	RUSSIAN FEDERATION
55591	C	LHASA	CHINA	64810	C	MALABO	EQUATORIAL GUINEA
11603	C	LIBEREC	CZECH REP	30252	C	MAMAKAN	RUSSIAN FEDERATION
10591	C	LICHTENHAIN-MITTELNDORF	GERMANY	10396	C	MANSCHNOW	GERMANY
26406	C	LIEPAJA	LATVIA	67341	C	MAPUTO/MAVALANE	MOZAMBIQUE
91165	C	LIHUE, KAUAI, HAWAII	USA	82562	C	MARABA	BRAZIL
07015	C	LILLE	FRANCE	37860	C	MASHTAGA	AZERBAIJAN
07434	C	LIMOGES	FRANCE	47741	C	MATSUE	JAPAN
10393	C	LINDENBERG	GERMANY	89564	C	MAWSON	AUSTRALIA
08535	C	LISBOA/GEOF	PORTUGAL	52323	C	MAZONG SHAN	CHINA
72340	C	LITTLE ROCK/ADAMS FLD,	USA	70231	C	MCGRATH, AK	USA
33761	C	LIUBASHIVKA	UKRAINE	89664	C	MCMURDO	USA
14015	C	LJUBLJANA/BEZIGRAD	SLOVENIA	60549	C	MECHERIA	ALGERIA
63612	C	LODWAR	KENYA	96035	C	MEDAN/POLONIA	INDONESIA
08084	C	LOGRONO/AGONCILLO	SPAIN	94430	C	MEEKATHARRA AIRPORT	AUSTRALIA
84270	C	LOJA/LA ARGELIA	ECUADOR	10548	C	MEININGEN	GERMANY
65387	C	LOME	TOGO	60150	C	MEKNES	MOROCCO
71622	C	LONDON CS, ONT	CANADA	60338	C	MELILLA	SPAIN
94995	C	LORD HOWE ISLAND AERO	AUSTRALIA	97014	C	MENADO/ SAM RATULANGI	INDONESIA
72295	C	LOS ANGELES /INT.,	USA	72234	C	MERIDIAN/KEY, MS.	USA
72423	C	LOUISVILLE/STANDIFORD, KY.	USA	16420	C	MESSINA	ITALY
95964	C	LOW HEAD	AUSTRALIA	76680	C	MEXICO (CENTRAL),	MEXICO
48930	C	LUANG-PRABANG	LAO PDR	22471	C	MEZEN'	RUSSIAN FEDERATION
33377	C	LUBNY	UKRAINE	72202	C	MIAMI, FL	USA
42369	T	LUCKNOW/AMAUSI	INDIA	10648	C	MICHELSTADT-VIELBRUNN	GERMANY
10156	C	LUEBECK-BLANKENSEE	GERMANY	60195	C	MIDELT	MOROCCO
06770	C	LUGANO	SWITZERLAND & LIECH	94693	C	MILDURA AIRPORT	AUSTRALIA
71470	C	LUPIN CS, NU	CANADA	41312	C	MINA SALALAH	OMAN
97086	C	LUWUK/BUBUNG	INDONESIA	89592	C	MIRNYJ	RUSSIAN FEDER. ANTA
06590	C	LUXEMBOURG/LUXEMBOURG	LUXEMBOURG	62016	C	MISURATA	LIBYA
03740	C	LYNEHAM	U KINGDOM	04211	C	MITTARFIK UPERNAVIK (UPERNAV	GREENLAND
07481	C	LYON-SATOLAS	FRANCE	47830	C	MIYAZAKI	JAPAN
11787	C	LYSA HORA	CZECH REP	68242	C	MMABATHO	SOUTH AFRICA
64452	C	M'POUYA	CONGO	72223	C	MOBILE/BATES FIELD,	USA
40310	C	MA'AN	JORDAN	26863	C	MOGILEV	BELARUS
44294	C	MAANTI	MONGOLIA	47165	C	MOKPO	REP KOREA
43185	C	MACHILIPATNAM/FRANCHPET	INDIA	72544	C	MOLINE/QUAD CITY,	USA
08219	C	MADRI-COLMENAR	SPAIN	63820	C	MOMBASA INTERNATIONAL	KENYA
47624	C	MAEBASHI	JAPAN	07560	C	MONT AIGOUAL	FRANCE
40265	CT	MAFRAQ	JORDAN	71309	C	MOOSONEE RCS, ONT	CANADA
10361	C	MAGDEBURG	GERMANY	61265	C	MOPTI	MALI
37472	C	MAHACHKALA	RUSSIAN FEDERATION	95527	C	MOREE AERO	AUSTRALIA

STATION LIST RECENT DATA

27612	C	MOSKVA	RUSSIAN FEDERATION	94827	C	NHILL AERODROME	AUSTRALIA
64550	C	MOUILA	GABON	61052	C	NIAMEY-AERO	NIGER
63619	C	MOYALE	KENYA	07690	C	NICE	FRANCE
33036	C	MOZYR	BELARUS	17250	C	NIGDE	TURKEY
63971	C	MTWARA	U REP TANZANIA	47604	C	NIIGATA	JAPAN
10315	C	MUENSTER/OSNABRUECK	GERMANY	31369	C	NIKOLAEVSK-NA-AMURE	RUSSIAN FEDERATION
17292	C	MUGLA	TURKEY	61230	C	NIORO DU SAHEL	MALI
42147	C	MUKTESHWAR KUMAON	INDIA	13388	C	NIS	SERBIA AND MONTENEG
41675	C	MULTAN	PAKISTAN	30433	C	NIZHNEANGARSK	RUSSIAN FEDERATION
08430	C	MURCIA	SPAIN	23724	C	NJAKSIMVOL'	RUSSIAN FEDERATION
17204	C	MUS	TURKEY	41710	C	NOKKUNDI	PAKISTAN
63756	C	MWANZA	U REP TANZANIA	70200	C	NOME, AK	USA
48008	C	MYITKYINA	MYANMAR	10113	C	NORDERNEY	GERMANY
25062	C	MYS BILLINGSA	RUSSIAN FEDERATION	61415	C	NOUADHIBOU	MAURITANIA
61049	C	N'GUIGMI	NIGER	13168	C	NOVI SAD RIMSKI SANCEVI	SERBIA AND MONTENEG
60557	C	NAAMA	ALGERIA	94750	C	NOWRA RAN AIR STATION AWS	AUSTRALIA
23445	C	NADYM	RUSSIAN FEDERATION	10506	C	NUERBURG-BARWEILER	GERMANY
12925	C	NAGYKANIZSA	HUNGARY	94681	C	NURIOOTPA VITICULTURAL	AUSTRALIA
47936	C	NAHA	JAPAN	04250	C	NUUK (GODTHAAB)	GREENLAND
63740	C	NAIROBI/KENYATTA AIRPORT	KENYA	43473	C	NUWARA ELIYA	SRI LANKA
41128	C	NAJRAN	SAUDI ARABIA	91212	C	NWSO AGANA, GUAM, MARIANA IS	USA KA
24713	C	NAKANNO	RUSSIAN FEDERATION	62790	C	NYALA	SUDAN
62002	C	NALUT	LIBYA	72427	C	OAK RIDGE, TN	USA
38611	C	NAMANGAN	UZBEKISTAN	10948	C	OBERSTDORF	GERMANY
07181	C	NANCY-OCHEY	FRANCE	33837	C	ODESA	UKRAINE
71311	C	NAPPAN AUTO, NS	CANADA	10742	C	OEHRINGEN	GERMANY
23205	C	NAR'JAN-MAR	RUSSIAN FEDERATION	31088	C	OHOTSK	RUSSIAN FEDERATION
72327	C	NASHVILLE/METROPOLITAN, TN.	USA	47815	C	OITA	JAPAN
71813	C	NATASHQUAN A, QUE	CANADA	24688	C	OJMJAKON	RUSSIAN FEDERATION
91683	C	NAUSORI	FIJI	72353	C	OKLAHOMA CITY/W. ROGERS WORL	USA
08215	C	NAVACERRADA	SPAIN	23734	C	OKTJABR'SKOE	RUSSIAN FEDERATION
41749	C	NAWABSHAH	PAKISTAN	71044	C	OLD CROW, YT	CANADA
37936	C	NAXCIVAN	AZERBAIJAN	24125	C	OLENEK	RUSSIAN FEDERATION
47909	C	NAZE	JAPAN	72792	C	OLYMPIA, WA.	USA
64700	C	NDJAMENA	CHAD	47655	C	OMAEZAKI	JAPAN
80315	C	NEIVA/BENITO SALAS	COLOMBIA	44215	C	OMNO-GOBI	MONGOLIA
31152	C	NEL' KAN	RUSSIAN FEDERATION	25428	C	OMOLON	RUSSIAN FEDERATION
47420	C	NEMURO	JAPAN	28698	C	OMSK	RUSSIAN FEDERATION
29752	C	NENASTNAYA	RUSSIAN FEDERATION	01212	C	ONA II	NORWAY
30879	C	NERCHINSKIJ ZAVOD	RUSSIAN FEDERATION	22641	C	ONEGA	RUSSIAN FEDERATION
10270	C	NEURUPPIN	GERMANY	94476	C	ODNADATTA AIRPORT	AUSTRALIA
17193	C	NEVSEHIR	TURKEY	60490	C	ORAN-SENIA	ALGERIA
42182	CT	NEW DELHI/SAFDARJUNG	INDIA	08048	C	ORENSE	SPAIN
48877	C	NHA TRANG	VIET NAM	76737	C	ORIZABA, VER.	MEXICO

STATION LIST RECENT DATA

01241	C	ORLAND III	NORWAY	11826	C	PIESTANY	SLOVAKIA
40712	C	ORUMIEH	IRAN, ISLAMIC REP	86255	C	PILAR	PARAGUAY
47772	C	OSAKA	JAPAN	33019	C	PINSK	BELARUS
10480	C	OSCHATZ	GERMANY	16158	C	PISA/S. GIUSTO	ITALY
47675	C	OSHIMA	JAPAN	72520	C	PITTSBURGH/GREATER PITTSBURG	USA
01492	CT	OSLO-BLINDERN	NORWAY	61990	C	PLAISANCE (MAURITIUS)	MAURITIUS
85782	C	OSORNO	CHILE	07117	C	PLOUMANAC'H PERROS GUIREC	FRANCE
02226	C	OSTERSUND FROSON	SWEDEN	65518	C	PO	BURKINA FASO
71063	C	OTTAWA CDA RCS, ONT	CANADA	72578	C	POCATELLO/MUN., ID.	USA
60580	C	OUARGLA	ALGERIA	13463	C	PODGORICA-GRAD	SERBIA AND MONTENEG
64458	C	OUESSO	CONGO	32027	C	POGIBI	RUSSIAN FEDERATION
60115	C	OIJDA	MOROCCO	47138	C	POHANG	REP KOREA
60421	C	OUM EL BOUAGHI	ALGERIA	07207	C	POINTE DU TALUT	FRANCE
08015	C	OVIEDO	SPAIN	20046	C	POLARGMO IM. E.T. KRENKELJA	RUSSIAN FEDERATION
33213	C	OVRUCH	UKRAINE	72453	C	PONCA CITY, OK	USA
78384	C	OWEN ROBERTS AIRPORT GRAND C	CAYMAN ISLANDS	11934	C	POPRAD/TATRY	SLOVAKIA
22619	C	PADANY	RUSSIAN FEDERATION	27675	C	PORETSKOE	RUSSIAN FEDERATION
16022	C	PAGANELLA	ITALY	83332	C	POSSE	BRAZIL
48955	C	PAKSE	LAO PDR	10379	C	POTSDAM	GERMANY
64709	C	PALA	CHAD	83358	C	POXOREO (POXOREU)	BRAZIL
08085	C	PAMPLONA/NOAIN	SPAIN	12330	C	POZNAN	POLAND
96237	C	PANGKAL PINANG	INDONESIA	11520	C	PRAHA-LIBUS	CZECH REP
41560	C	PARACHINAR	PAKISTAN	31989	C	PREOBRAZHENIE	RUSSIAN FEDERATION
41759	C	PASNI	PAKISTAN	11659	C	PRIBYSLAV	CZECH REP
42492	T	PATNA	INDIA	76593	C	PROGRESO, YUC.	MEXICO
71984	C	PAULATUK, NWT	CANADA	34607	C	PRYSHYB	UKRAINE
27823	C	PAVELETS	RUSSIAN FEDERATION	95940	C	PT PERPENDICULAR AWS	AUSTRALIA
06610	C	PAYERNE	SWITZERLAND & LIECH	29313	C	PUDINO	RUSSIAN FEDERATION
71434	C	PEAWANUCK (AUT), ONT	CANADA	76685	C	PUEBLA, PUE.	MEXICO
12942	C	PECS/POGANY	HUNGARY	43063	C	PUNE	INDIA
86097	C	PEDRO JUAN CABALLERO	PARAGUAY	43424	C	PUTTALAM	SRI LANKA
87544	C	PEHUAJO AERO	ARGENTINA	84179	C	PUYO	ECUADOR
96109	C	PEKAN BARU/SIMPANGTIGA	INDONESIA	47058	C	PYONGYANG	DPR KOREA
67215	C	PEMBA	MOZAMBIQUE	41315	C	QAIROON HAIRITI	OMAN
48601	C	PENANG/BAYAN LEPAS	MALAYSIA	56137	C	QAMDO	CHINA
72532	C	PEORIA/GREATER PEORIA MUN.,	USA	71357	C	QIKIQTARJUAQ CLIMATE, NU	CANADA
28224	C	PERM'	RUSSIAN FEDERATION	54857	C	QINGDAO	CHINA
22820	C	PETROZAVODSK	RUSSIAN FEDERATION	50745	C	QIQIHAR	CHINA
48887	C	PHAN THIET	VIET NAM	58633	C	QU XIAN	CHINA
48378	C	PHITSANULOK	THAILAND	41660	C	QUETTA AIRPORT	PAKISTAN
72278	C	PHOENIX/SKY HARBOR,	USA	72443	C	QUINCY, IL	USA
48826	C	PHU LIEN	VIET NAM	48870	C	QUY NHON	VIET NAM
16052	C	PIAN ROSA	ITALY	60135	C	RABAT-SALE	MOROCCO
84140	C	PICHILINGUE	ECUADOR	40362	C	RAFHA	SAUDI ARABIA

STATION LIST RECENT DATA

72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA	44336	C	SAIKHAN-OVOO	MONGOLIA
41859	C	RANGPUR	BANGLADESH	08202	C	SALAMANCA/MATACAN	SPAIN
93994	C	RAOUL ISLAND, KERMADEC IS. A	N ZEALAND	16723	C	SAMOS (AIRPORT)	GREECE
72662	C	RAPID CITY/REGIONAL AIRPORT,	USA	61277	C	SAN	MALI
41270	C	RAS AL HADD	OMAN	82106	C	SAO GABRIEL DA CACHOEIRA	BRAZIL
72669	C	RAWLINGS, WY	USA	47412	C	SAPPORO	JAPAN
95670	C	RAYVILLE PARK	AUSTRALIA	14654	C	SARAJEVO-BJELAVE	BOSNIA AND HERZEGOV
82900	C	RECIFE	BRAZIL	21802	C	SASKYLAH	RUSSIAN FEDERATION
10776	C	REGENSBURG	GERMANY	97900	C	SAUMLAKI/OLILIT	INDONESIA
07072	C	REIMS-PRUNAY	FRANCE	48947	C	SAVANNAKHET	LAO PDR
07130	C	RENNES	FRANCE	48938	C	SAYABOURY	LAO PDR
71407	C	RESERVED OR UNKNOWN	CANADA	10035	C	SCHLESWIG	GERMANY
04030	C	REYKJAVIK	ICELAND	98430	C	SCIENCE GARDEN	PHILIPPINES
10731	C	RHEINSTETTEN	GERMANY	72793	C	SEATTLE/S.-TACOMA,	USA
85043	C	RIBERALTA	BOLIVIA	10261	C	SEEHAUSEN	GERMANY
72401	C	RICHMOND/BYRD, VA.	USA	24661	C	SEGEN-KYUEL'	RUSSIAN FEDERATION
71307	C	RIDGETOWN RCS, ONT	CANADA	36177	C	SEMIPALATINSK	KAZAKHSTAN
91948	C	RIKITEA	FRENCH POLY.	47590	C	SENDAI	JAPAN
44203	C	RINCHINHUMBE	MONGOLIA	47108	C	SEOUL	REP KOREA
82915	C	RIO BRANCO	BRAZIL	48650	C	SEPANG	MALAYSIA
71743	C	RIVIERE AUX FEUILLES, QUE	CANADA	61976	C	SERGE-FROLOW (ILE TROMELIN)	OCEAN ISLANDS
17040	C	RIZE	TURKEY	60445	C	SETIF	ALGERIA
72411	C	ROANOKE/MUN., VA.	USA	37717	C	SEVAN OZERO	ARMENIA
72692	C	ROBERT FIELD ARPT	USA	63980	C	SEYCHELLES INTERNATIONAL AIR	SEYCHELLES
72529	C	ROCHESTER/ROCHESTER-MONROE C	USA	37126	C	SHADZHATMAZ	RUSSIAN FEDERATION
61988	C	RODRIGUES	MAURITIUS	33317	C	SHEPETIVKA	UKRAINE
06190	C	ROENNE	DENMARK AND FAROE I	40848	C	SHIRAZ	IRAN, ISLAMIC REP
72442	C	ROLLA-VICHY, MO, ROLLA NAT A	USA	72248	C	SHREVEPORT/REG., LA.	USA
30650	C	ROMANOVKA	RUSSIAN FEDERATION	38328	C	SHYMKENT	KAZAKHSTAN
10170	C	ROSTOCK-WARNEMUENDE	GERMANY	26524	C	SIAULIAI	LITHUANIA
08449	C	ROTA	SPAIN	64405	C	SIBITI	CONGO
07037	C	ROUEN	FRANCE	60520	C	SIDI-BEL-ABBES	ALGERIA
51777	C	RUOQIANG	CHINA	12385	C	SIEDLCE	POLAND
85141	C	RURRENABAQUE	BOLIVIA	17210	C	SIIRT	TURKEY
41253	C	RUSTAQ	OMAN	61297	C	SIKASSO	MALI
28966	C	RUZAEVKA	KAZAKHSTAN	42619	C	SILCHAR	INDIA
16008	C	S. VALENTINO ALLA MUTA	ITALY	56964	C	SIMAO	CHINA
89004	C	S.A.N.A.E. AWS	SOUTH AFRICA	48698	C	SINGAPORE/CHANGI AIRPORT	SINGAPORE
10708	C	SAARBRUECKEN/ENSHEIM	GERMANY	06720	C	SION	SWITZERLAND & LIECH
96001	C	SABANG/CUT BAU	INDONESIA	62019	C	SIRTE	LIBYA
72483	C	SACRAMENTO/EXECUTIVE CA.	USA	48062	C	SITTWE	MYANMAR
28552	C	SADRINSK	RUSSIAN FEDERATION	17090	C	SIVAS	TURKEY
06680	C	SAENTIS	SWITZERLAND & LIECH	62417	C	SIWA	EGYPT
42671	C	SAGAR	INDIA	60355	C	SKIKDA	ALGERIA

STATION LIST RECENT DATA

11903	C	SLIAC	SLOVAKIA	12205	C	SZCZECIN	POLAND
26951	C	SLUTSK	BELARUS	12982	C	SZEGED	HUNGARY
26781	C	SMOLENSK	RUSSIAN FEDERATION	63832	C	TABORA AIRPORT	U REP TANZANIA
76845	C	SN. CRISTOBAL LAS CASAS, CHI	MEXICO	98550	C	TACLOBAN	PHILIPPINES
32477	C	SOBOLEVO	RUSSIAN FEDERATION	34720	C	TAGANROG	RUSSIAN FEDERATION
02836	C	SODANKYLA	FINLAND	61043	C	TAHOUA	NIGER
15614	C	SOFIA (OBSERV.)	BULGARIA	35406	C	TAIPAK	KAZAKHSTAN
56106	C	SOG XIAN	CHINA	29594	C	TAJSHET	RUSSIAN FEDERATION
41246	C	SOHAR MAJIS	OMAN	47891	C	TAKAMATSU	JAPAN
65361	C	SOKODE	TOGO	38345	C	TALAS	KYRGYZSTAN
76471	C	SOMBRETE, ZAC.	MEXICO	38413	C	TAMDY	UZBEKISTAN
48806	C	SON LA	VIET NAM	60101	C	TANGER (AERODROME)	MOROCCO
08148	C	SORIA	SPAIN	67197	C	TAOLAGNARO	MADAGASCAR
76499	C	SOTO LA MARINA,	MEXICO	76903	C	TAPACHULA, CHIS	MEXICO
16746	C	SOUDA (AIRPORT)	GREECE	28493	C	TARA	RUSSIAN FEDERATION
31770	C	SOVETSKAYA GAVAN'	RUSSIAN FEDERATION	04360	C	TASIILAQ (AMMASSALIK)	GREENLAND
14445	C	SPLIT/MARJAN	CROATIA	71028	C	TATLAYOKO LAKE RCS, BC	CANADA
72785	C	SPOKANE/INT., WA.	USA	96481	C	TAWAU	MALAYSIA
68512	C	SPRINGBOK	SOUTH AFRICA	23256	C	TAZOVSKOE	RUSSIAN FEDERATION
71207	C	SQUAMISH,	CANADA	37545	C	TBILISI	GEORGIA
25206	C	SREDNE-KOLYMSK	RUSSIAN FEDERATION	64507	C	TCHIBANGA	GABON
42027	C	SRINAGAR	INDIA	60475	C	TEBESSA	ALGERIA
71558	C	ST ANTHONY, NFLD	CANADA	24967	C	TEGYULTYA	RUSSIAN FEDERATION
61901	C	ST. HELENA IS.	OCEAN ISLANDS	40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
26275	C	STARAYA RUSSA	RUSSIAN FEDERATION	17056	C	TEKIRDAG	TURKEY
71017	C	STEFANSSON ISLAND, NU	CANADA	35426	C	TEMIR	KAZAKHSTAN
02485	C	STOCKHOLM	SWEDEN	60015	C	TENERIFE/LOS RODEOS	SPAIN
07190	C	STRASBOURG-ENTZHEIM	FRANCE	83492	C	TEOFILO OTONI	BRAZIL
10738	C	STUTTGART-ECHTERDINGEN	GERMANY	76556	C	TEPIC, NAY.	MEXICO
04013	C	STYKKISHOLMUR	ICELAND	82578	C	TERESINA	BRAZIL
15023	C	SUCEAVA	ROMANIA	67261	C	TETE	MOZAMBIQUE
24136	C	SUHANA	RUSSIAN FEDERATION	94570	C	TEWANTIN RSL PARK	AUSTRALIA
15360	C	SULINA	ROMANIA	48840	C	THANH HOA	VIET NAM
33275	C	SUMY	UKRAINE	16622	C	THESSALONIKI (AIRPORT)	GREECE
24738	C	SUNTAR	RUSSIAN FEDERATION	43371	CT	THIRUVANANTHAPURAM	INDIA
41268	C	SUR	OMAN	71079	C	THOMPSON	CANADA
24790	C	SUSUMAN	RUSSIAN FEDERATION	95908	C	THREDBO VILLAGE	AUSTRALIA
47421	C	SUTTSU	JAPAN	41314	C	THUMRAIT	OMAN
01008	C	SVALBARD LUFTHAVN	NORWAY	36982	C	TIAN-SHAN'	KYRGYZSTAN
71446	C	SWIFT CURRENT CDA, SASK	CANADA	61036	C	TILLABERY	NIGER
94767	C	SYDNEY AIRPORT AMO	AUSTRALIA	02366	C	TIMRA/MIDLANDA	SWEDEN
41891	C	SYLHET	BANGLADESH	60656	C	TINDOUF	ALGERIA
89532	C	SYOWA	JAPAN	03100	C	TIREE	U KINGDOM
72519	C	SYRACUSE/HANCOCK,	USA	60395	C	TIZI-OUZOU	ALGERIA

STATION LIST RECENT DATA

76683	C	TLAXCALA, TLAX.	MEXICO	71435	C	UPSALA (AUT), ONT	CANADA
60531	C	TLEMCEN-ZENATA	ALGERIA	35108	C	URALSK	KAZAKHSTAN
67095	C	TOAMASINA	MADAGASCAR	38396	C	URGENCH	UZBEKISTAN
28275	C	TOBOL'SK	RUSSIAN FEDERATION	17188	C	USAK	TURKEY
17086	C	TOKAT	TURKEY	87938	C	USHUAIA AERO	ARGENTINA
08272	C	TOLEDO	SPAIN	23405	C	UST'-CIL'MA	RUSSIAN FEDERATION
24671	C	TOMPO	RUSSIAN FEDERATION	01403	C	UTSIRA FYR	NORWAY
50963	C	TONGHE	CHINA	33631	C	UZHGOROD	UKRAINE
01465	C	TORUNGEN FYR	NORWAY	61995	C	VACOAS (MAURITIUS)	MAURITIUS
44225	C	TOSONTSENGEL	MONGOLIA	08284	C	VALENCIA/AEROPUERTO	SPAIN
27051	C	TOT'MA	RUSSIAN FEDERATION	17170	C	VAN	TURKEY
60555	C	TOUGGOURT	ALGERIA	01098	C	VARDO	NORWAY
94294	C	TOWNSVILLE AERO	AUSTRALIA	33038	C	VASILEVICH	BELARUS
16429	C	TRAPANI BIRGI	ITALY	26554	C	VERHNEDVINSK	BELARUS
87828	C	TRELEW AERO	ARGENTINA	48112	C	VICTORIA POINT	MYANMAR
10609	C	TRIER-PETRISBERG	GERMANY	15502	C	VIDIN	BULGARIA
01026	C	TROMSO	NORWAY	48940	C	VIENTIANE	LAO PDR
26997	C	TRUBCHEVSK	RUSSIAN FEDERATION	08045	C	VIGO/PEINADOR	SPAIN
44282	C	TSETSERLEG	MONGOLIA	67315	C	VILANCULOS	MOZAMBIQUE
44347	C	TSOGT-OVOO	MONGOLIA	33562	C	VINNYTSIA	UKRAINE
47651	C	TSU	JAPAN	85244	C	VIRU-VIRU	BOLIVIA
91954	C	TUBUAI	FRENCH POLY.	02590	C	VISBY	SWEDEN
72274	C	TUCSON/INT., AZ.	USA	08080	C	VITORIA	SPAIN
98233	C	TUGUEGARAO	PHILIPPINES	31960	C	VLADIVOSTOK	RUSSIAN FEDERATION
76634	C	TULANCINGO, HGO.	MEXICO	06310	C	VLISSINGEN	NETHERLANDS
60715	C	TUNIS-CARTHAGE	TUNISIA	27037	C	VOLOGDA	RUSSIAN FEDERATION
56004	C	TUOTUOHE	CHINA	34123	C	VORONEZ	RUSSIAN FEDERATION
24507	C	TURA	RUSSIAN FEDERATION	89606	C	VOSTOK	RUSSIAN FEDER. ANTA
76640	C	TUXPAN.VER.	MEXICO	83623	C	VOTUPORANGA	BRAZIL
14557	C	TUZLA	BOSNIA AND HERZEGOV	33777	C	VOZNESENS'K	UKRAINE
06447	C	UCCLE	BELGIUM	22837	C	VYTEGRA	RUSSIAN FEDERATION
48354	C	UDON THANI	THAILAND	72256	C	WACO, MADISON-COOPER,	USA
91652	C	UDU POINT AWS	FIJI	03377	C	WADDINGTON	U KINGDOM
10193	C	UECKERMUENDE	GERMANY	71049	C	WAGER BAY (AUT), MAN	CANADA
28722	C	UFA-DIOMA	RUSSIAN FEDERATION	97340	C	WAINGAPU/MAU HAU	INDONESIA
35416	C	UIL	KAZAKHSTAN	47600	C	WAJIMA	JAPAN
44212	C	ULAANGOM	MONGOLIA	47401	C	WAKKANAI	JAPAN
44214	C	ULGI	MONGOLIA	97686	C	WAMENA	INDONESIA
44272	C	ULIASTAI	MONGOLIA	95640	C	WANDERING	AUSTRALIA
47115	C	ULLEUNGDO	REP KOREA	12375	C	WARSZAWA-OKECIE	POLAND
33587	C	UMAN'	UKRAINE	10544	C	WASSERKUPPE	GERMANY
44304	C	UNDERKHAAN	MONGOLIA	03590	C	WATTISHAM	U KINGDOM
89329	C	UNI. WI HARRY	USA	10688	C	WEIDEN	GERMANY
68424	C	UPINGTON	SOUTH AFRICA	93439	C	WELLINGTON AERO AWS	N ZEALAND

STATION LIST RECENT DATA

56187	C	WENJIANG	CHINA	56029	C	YUSHU	CHINA
10424	C	WERL	GERMANY	76525	C	ZACATECAS, ZAC. (LA BUFA, ZA	MEXICO
10055	C	WESTERMARKELSDORF	GERMANY	14236	C	ZAGREB/GRIC	CROATIA
92004	C	WEWAK W.O.	PAPUA N GUINEA	40856	C	ZAHEDAN	IRAN, ISLAMIC REP
71964	C	WHITEHORSE A, YT	CANADA	16719	C	ZAKINTHOS AIRPORT	GREECE
72351	C	WICHITA FALLS/SHEPS AFB/WICH	USA	98836	C	ZAMBOANGA	PHILIPPINES
61902	C	WIDE AWAKE FIELD (ASCENSION	OCEAN ISLANDS	81225	C	ZANDERIJ	SURINAME
11035	C	WIEN/HOHE WARTE	AUSTRIA	08160	C	ZARAGOZA/AEROPUERTO	SPAIN
72513	C	WILKES-BARRE-SCRANTON, PA.	USA	36859	C	ZHARKENT	KAZAKHSTAN
72583	C	WINNEMUCCA/MUN., NV.	USA	57083	C	ZHENGZHOU	CHINA
10474	C	WITTENBERG	GERMANY	24343	C	ZHIGANSK	RUSSIAN FEDERATION
12497	C	WLODAWA	POLAND	41620	C	ZHOB	PAKISTAN
47055	C	WONSAN	DPR KOREA	61695	C	ZIGUINCHOR	SENEGAL
94659	C	WOOMERA AERODROME	AUSTRALIA	61090	C	ZINDER	NIGER
72510	C	WORCESTER, MA WORCESTER RGNL	USA	36038	C	ZMEINOGORSK	RUSSIAN FEDERATION
12424	C	WROCLAW II	POLAND	17022	C	ZONGULDAK	TURKEY
51463	CT	WU LU MU QI	CHINA	62007	C	ZUARA	LIBYA
10655	C	WUERZBURG	GERMANY	06660	C	ZUERICH-METEOSCHWEIZ	SWITZERLAND & LIECH
57494	C	WUHAN	CHINA	10961	C	ZUGSPITZE	GERMANY
10686	C	WUNSIEDEL-SCHOENBRUNN	GERMANY	25400	C	ZYRYANKA	RUSSIAN FEDERATION
55472	C	XAINZA	CHINA				
56571	C	XICHANG	CHINA				
54102	C	XILIN HOT	CHINA				
52866	CT	XINING	CHINA				
59981	C	XISHA DAO	CHINA				
58027	C	XUZHOU	CHINA				
41295	C	YAALONI	OMAN				
85365	C	YACUIBA	BOLIVIA				
36064	C	YAJLJU	RUSSIAN FEDERATION				
72781	C	YAKIMA/YAKIMA AIR TERMINAL,	USA				
94589	C	YAMBA PILOT STATION	AUSTRALIA				
48097	C	YANGON	MYANMAR				
91413	C	YAP, CAROLINE IS.	USA				
34866	C	YASHKUL'	RUSSIAN FEDERATION				
62008	C	YEFREN	LIBYA				
40439	C	YENBO	SAUDI ARABIA				
47168	C	YEOSU	REP KOREA				
37789	C	YEREVAN/YEREVAN-ARABKIR	ARMENIA				
57461	C	YICHANG	CHINA				
51431	C	YINING	CHINA				
65167	C	YOLA	NIGERIA				
72525	C	YOUNGSTOWN, OH.	USA				
17140	C	YOZGAT	TURKEY				
52983	C	YU ZHONG	CHINA				

These and other publications are available from the National Centers for Environmental Information

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 Centers for Environmental Information
Attn: Customer Engagement 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 Centers for Environmental Information
Attn: Customer Engagement 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