



VOL. 71 NO. 11



ISSN 0027-0296

NOVEMBER 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

Mary A. Wolkgen

**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

NOVEMBER 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		1009.2	1010.4	1.3	4.6	5.8	1.7	8	29	-37	1		
01008 SVALBARD LUFTHAVN	7815N	01528E	29		1008.1	1011.7	-3.8	6.5	3.6	1.1	7	37	24	5		
01025 TROMSO/LANGNES	6941N	01855E	10		1012.9	1014.1	3.7	4.3	6.6	1.7	23	128	23	5		
01026 TROMSO	6939N	01856E	115		1000.0	1014.2	3.5		6.6		21	111		4	2	
01028 BJORNOYA	7431N	01901E	16		1008.1	1010.1	.4	4.1	5.6	1.4	14	57	24	5		
01098 VARDØ	7022N	03106E	15		1010.0	1011.8	2.3	3.6	6.1	1.2	18	80	21	5		
01152 BODØ VI	6716N	01422E	13		1014.8	1016.4	5.7	4.5	7.4	2.2	16	117	17	4		
01212 ONA II	6252N	00632E	15		1013.7	1015.4	8.6		7.9							
01238 FOKSTUA II	6207N	00917E	974		904.2	1019.7	-2.3		4.4		5	29		4		
01241 ORLAND III	6342N	00936E	7		1015.7	1016.8	5.8	3.2	7.4	1.2	9	49	-50	1		
01317 BERGEN/FLORENDA	6023N	00520E	36		1012.2	1016.6	6.7	2.0	7.6	.6	12	83	-176	0		
01384 OSLO/GARDERMOEN	6012N	01105E	204				1.9	3.4			8	58	-31	2		
01403 UTSIRA FYR	5918N	00453E	56		1009.5	1016.4	7.6		8.6		10	47		0		
01415 STAVANGER/SOLA	5853N	00538E	9		1016.2	1017.3	6.1	1.5	8.0	.7	11	71	-65	1		
01465 TORUNGEN FYR	5824N	00848E	15		1018.8	1020.3	6.3		8.5		13	120		3		
01492 OSLO-BLINDERN	5957N	01043E	96		1009.4	1021.5	3.4	2.7	7.2	1.7	12	104	31	5	34	67
FINLAND																
02801 KILPISJARVI	6903N	02047E	478		955.9	1015.5	-.3		5.2		9	31		3		
02805 KEVO	6945N	02702E	107		992.7	1006.3	-1.2		5.3		6	15		1	78	
02836 SODANKYLA	6722N	02639E	179		994.6	1017.2	-.8	6.6	5.7		4	17	-22	1	6	
02935 JYVASKYLA	6224N	02541E	145		994.7	1012.1	4.3	6.5	8.1		9	37	-22	1	92	
02942 NIINISALO	6151N	02228E	136		996.9	1011.8	5.2	6.5	8.4		8	40	-19	1		
02963 JOKIOINEN	6049N	02330E	104		999.8	1012.7	5.8	6.2	8.8		11	41	-14	2	86	246
UNITED KINGDOM																
03005 LERWICK	6008N	00111W	84		1000.1	1010.1	7.9	2.8	9.4		18	85	-58	1	29	94
03026 STORNOWAY AIRPORT	5813N	00619W	15		1003.3	1005.2	8.4	2.6	9.3		16	79	-54	1	64	149
03066 KINLOSS	5739N	00334W	7		1007.1	1007.8	6.9	1.5	8.5		8	23	-39	1	81	165
03091 DYCE	5712N	00213W	69		994.2	1002.1	7.9	2.9	9.3		11	65	-10	2	30	48
03100 TIRREE	5630N	00653W	12		1005.6	1007.2	8.7	1.6	9.4		11	106	-17	2	71	148
03162 ESKDALEMUIR	5519N	00312W	242		980.7	1009.5	6.5	2.4	9.0		20	252	100	5	37	67
03171 LEUCHARS	5624N	00252W	12		1007.7	1009.0	8.1		9.5		20	85		4	48	65
03257 LEEMING	5418N	00132W	40		1006.6	1010.7	7.8	1.9	9.3		11	54	1	3	45	70
03302 VALLEY	5315N	00432W	11		1006.5	1007.9	9.2	1.1	10.0		16	139	40	5	69	105
03377 WADDINGTON	5310N	00031W	70		1003.2	1011.6	7.9	1.9	9.6		7	31	-24	1	71	109
03414 SHAWBURY	5248N	00240W	76		1001.4	1010.2	8.0		9.5		8	36		1	50	90
03502 ABERPORTH	5208N	00434W	134		992.1	1008.3	8.8	1.3	9.8		13	154	62	5	82	130

SURFACE

NOVEMBER 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.
03590 WATTISHAM	5207N	00058E	89		1001.8	1012.8	8.4		9.8		8	62		3	76	110
03740 LYNEHAM	5130N	00159W	147		994.3	1012.1	7.8	1.5	9.3		10	60	-3	3	68	96
03772 HEATHROW	5129N	00027W	25		1009.0	1012.1	9.2		9.9		11	74		4	73	110
03808 CAMBORNE	5013N	00519W	88		997.9	1008.4	10.0		10.5		19	212		5	74	105
03862 HURN	5047N	00150W	11		1009.8	1011.1	8.9	1.9	10.2		14	124	40	4	77	103
IRELAND																
03953 VALENTIA OBSERVATORY	5156N	01015W	30		1000.7	1003.6	9.5	.4	9.7	-.1	21	253	106	5		
03955 CORK AIRPORT	5151N	00829W	162		985.9	1005.5	8.0	.7	9.9	.6	23	202	93	5	45	70
03956 JOHNSTOWN CASTLE	5217N	00629W	63		999.3	1006.8	8.9		10.1		20	204				
03962 SHANNON AIRPORT	5242N	00855W	20		1002.3	1004.7	8.3	.7	9.4	.2	18	89	-6	3	63	105
03967 CASEMENT AERODROME	5318N	00626W	97		995.1	1006.4	8.3		9.5		18	105		4	62	95
03969 DUBLIN AIRPORT	5326N	00615W	85		996.4	1006.7	8.2	1.1	9.4	.7	15	131	67	5	50	70
03973 CONNAUGHT AIRPORT	5354N	00849W	209		979.1	996.8	6.5		9.2		17	151			62	
03976 BELMULLET	5414N	01000W	10		1001.5	1002.6	8.4	.4	9.4	.3	18	147	20	4	85	175
03980 MALIN HEAD	5522N	00720W	25		1002.3	1004.7	8.5	.7	9.2	.5	18	101	-14	3		
ICELAND																
04013 STYKKISHOLMUR	6505N	02244W	8			1004.2					7	82	16	4		
04030 REYKJAVIK	6408N	02156W	61			1002.3	4.2	3.1	6.3	.8	9	107	35	5	40	
04063 AKUREYRI	6541N	01805W	27		1002.9	1006.3	1.5	1.9	6.0	.9	13	119	65	5	20	
GREENLAND																
04211 MITTARFIK UPERNAVIK (UPERNAV)	7247N	05608W	129			1013.5	-9.7		2.5							
04220 AASIAAT (EGEDSMINDE)	6842N	05251W	43			1011.0	-5.3	.6	3.1		7	21	-17			
04250 NUUK (GODTHAAB)	6410N	05145W	84			1006.4	-3.5	.1	3.4		6	30	-44			
04312 STATION NORD AWS	8136N	01641W	36			1020.0	-24.9	1.0	.5		10	29				
04320 DANMARKSHAVN	7646N	01840W	12			1017.8	-16.0	3.9	1.2		5	33	21			
04339 ITTOQQORTOORMIIT (SCORESBYSU)	7029N	02157W	69			1015.5	-6.1		2.5		6	82	63			
04360 TASILAQ (AMMASSALIK)	6536N	03738W	52			1009.5	-1.5	3.2	3.8		9	118	22			
DENMARK AND FAROE ISLANDS																
06011 TORSHAVN	6201N	00646W	61			1006.4	7.6	2.8	9.1		14	75	-68			
06030 AALBORG	5706N	00951E	13			1020.3	5.4	1.0	8.4		7	37				
06186 KOEBENHAVN/LANDBOHOEJSKOLEN	5541N	01233E	7			1021.7	6.6		8.6		4	33				
06190 ROENNE	5504N	01445E	17			1022.6	6.5	.8	8.7		6	19				
NETHERLANDS																
06235 DE KOOY	5256N	00447E	2		1015.5	1015.6	7.1	.0	9.0	.3	7	25	-66	0	90	167
06260 DE BILT	5206N	00511E	4		1015.7	1016.0	6.8	.9	8.6	.2	8	35	-46	1	86	156
06280 EELDE/GRONINGEN AP EELDE	5307N	00635E	4		1016.5	1017.0	6.2	.8	8.4	.1	9	27	-50	1	93	179
06310 VLISSINGEN	5127N	00336E	10		1013.8	1014.8	8.2	.8	9.5	.6	8	21	-54	0	106	189
06380 BEEK/MAASTRICHT AP/MAASTRICHT	5055N	00547E	116			1016.1	6.9	1.1	8.4	.2	7	15	-54	0	113	198

SURFACE

NOVEMBER 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.
BELGIUM 06447 UCCLÉ	5048N	00421E	104		1002.6	1014.8	7.4	1.4	8.6	.1	11	55	-23	1	96	150
LUXEMBOURG 06590 LUXEMBOURG/LUXEMBOURG	4937N	00613E	376		971.8	1017.2	5.9		8.3		10	48	-35	2	77	140
SWITZERLAND & LIECHTENSTEIN 06601 BASEL-BINNINGEN	4733N	00735E	317		979.2	1017.7	6.3		8.2		9	34			65	95
06610 PAYERNE	4649N	00657E	491		959.1	1017.9	5.6		8.4		7	41			29	45
06660 ZUERICH-METEOSCHWEIZ	4723N	00834E	569		951.5	1018.1	5.4	1.4	8.0	1.3	5	17	-65	1	49	84
06680 SAENTIS	4715N	00921E	2502		749.5		-1.4	2.6	3.6	.5	5	25	-186	0	164	124
06700 GENEVE-COINTRIN	4615N	00608E	420		968.1	1017.6	6.9	1.9	9.0	2.2	11	73	-15	3	27	45
06717 GRAND ST. BERNARD	4552N	00710E	2479		750.4		-3.4		4.2		15	212			37	55
06720 SION	4613N	00720E	482		960.0	1017.7	6.8		7.6		2	7			100	100
06770 LUGANO	4600N	00858E	276		983.0	1019.1	9.7	2.9	10.4	3.2	14	194	68	4	110	101
FRANCE 07005 ABBEVILLE	5008N	00150E	77		1005.2	1014.0	7.5		9.0		13	44		1	76	100
07015 LILLE	5034N	00306E	52		1009.0	1014.8	7.3		9.0		12	45				
07020 LA HAGUE	4943N	00156W	12		1009.7	1010.6	10.6		10.1		15	89				
07027 CAEN	4911N	00027W	67		1004.7	1012.9	7.9	.4	9.4		10	39	-45	1	118	140
07037 ROUEN	4923N	00111E	156		995.5	1014.1	7.1		9.1		13	62			52	
07072 REIMS-PRUNAY	4912N	00409E	95		1004.0	1015.7	6.9		8.8		10	45			100	
07110 BREST	4827N	00425W	99		998.5	1010.4	9.4	.5	10.4		18	194	74	5	103	129
07117 PLOUMANAC'H PERROS GUIREC	4850N	00328W	58		1003.5	1010.5	10.0		10.1		12	63				
07130 RENNES	4804N	00144W	43		1008.1	1012.6	8.4		10.0		10	91			107	100
07139 ALENCON	4826N	00006E	144		996.2	1013.8	7.3		9.3		14	99			79	100
07149 PARIS-ORLY	4843N	00223E	90		1003.9	1014.9	7.8		9.3		13	66			79	
07168 TROYES	4820N	00401E	118		1001.3	1015.7	7.4		9.3		12	60			83	
07181 NANCY-OCHEY	4835N	00558E	351		975.4	1016.8	6.7		8.6		8	53				
07190 STRASBOURG-ENTZHEIM	4833N	00738E	153		999.2	1017.7	6.5	1.6	8.6		6	21	-25	1	80	140
07207 POINTE DU TALUT	4718N	00310W	43		1006.6	1011.8	11.3		11.1		12	71				
07222 NANTES	4709N	00136W	27		1009.5	1012.7	8.8	.5	10.2		13	156	70	5	105	115
07240 TOURS	4727N	00044E	112		1000.6	1014.2	8.0		9.9		12	96		5	71	
07255 BOURGES	4704N	00222E	166		994.9	1015.0	8.3	1.8	9.5		9	42	-17	2	77	100
07280 DIJON	4716N	00505E	227		989.0	1016.5	7.1	1.8	9.3		14	61	-3	2	55	82
07299 BALE-MULHOUSE	4736N	00731E	271		984.5	1017.8	6.1		8.5		7	31				
07314 CHASSIRON	4603N	00125W	22		1010.6	1013.3	10.9		11.0		10	76				
07335 POITIERS	4635N	00018E	120		999.6	1014.1	8.5		9.9		12	72			94	100
07434 LIMOGES	4552N	00111E	402		966.5	1014.5	8.4		9.3		12	74			97	
07460 CLERMONT-FERRAND	4547N	00310E	330		976.1	1015.1	8.9		8.9		10	39			87	
07471 LE PUY	4505N	00346E	833		918.9	1467 Y	5.8		8.2		12	101			77	

SURFACE

NOVEMBER 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.
07481 LYON-SATOLAS	4544N	00505E	248		987.4	1016.4	8.8		9.9		11	68				
07510 BORDEAUX MERIGNAC	4450N	00041W	61		1008.2	1014.0	10.1		10.7		13	88	-6	2	128	100
07535 GOURDON	4445N	00124E	261		983.4	1014.7	9.5		10.0		10	58			104	100
07560 MONT AIGOUAL	4407N	00335E	1567		840.0	1468 Y	2.9		7.5		22	577		5		
07577 MONTELMAR	4435N	00444E	74		1007.2	1016.1	10.2		10.6		15	224		5	70	
07591 EMBRUN	4434N	00630E	876		915.6	1484 Y	7.1		7.1		9	55			108	
07607 MONT-DE-MARSAN	4355N	00030W	60		1007.1	1014.3	9.2		10.5		11	46		1	102	100
07621 TARBES-OSSUN	4311N	00000W	364		971.0	1014.4	8.6		9.4		10	52		1	114	
07627 SAINT GIRONS	4300N	00106E	412		965.4	1014.8	8.5		8.7		8	50			133	100
07630 TOULOUSE BLAGNAC	4338N	00122E	154		996.5	1014.6	10.8		10.5		7	35	-13	2	116	100
07643 MONTPELLIER	4335N	00358E	8		1014.3	1015.3	12.4		11.7		12	127		5	100	
07650 MARIGNANE	4327N	00514E	32		1011.5	1015.3	13.4		12.1		13	145	87	5	97	
07661 CAP CEPET	4305N	00556E	136		1000.3	1016.3	13.6		12.8		13	147				
07690 NICE	4339N	00712E	27		1012.8	1015.9	13.6		11.4		13	145	41	2	115	
07747 PERPIGNAN	4244N	00252E	47		1009.4	1014.7	12.6		11.3		6	96	38	2	108	
07761 AJACCIO	4155N	00848E	9		1014.3	1015.4	13.9		12.1		11	80	-15	2	147	
07790 BASTIA	4233N	00929E	12		1014.5	1015.9	13.6		12.9		9	65			108	
SPAIN																
08001 LA CORUNA	4322N	00825W	67		1004.3	1012.3	13.1	.5	12.1	.4	18	232	116	6	106	96
08002 LA CORUNA/ALVEDRO	4318N	00823W	103		999.7	1012.0	11.9		11.6		15	233		5		
08008 LUGO/ROZAS	4307N	00727W	446		960.8	1013.5	9.3		10.2		17	156		6	69	75
08011 ASTURIAS/AVILES	4333N	00602W	130		996.8	1012.4	12.2		10.3		10	126		3	112	100
08014 GIJON-MUSEL	4334N	00542W	6		1010.8	1011.5	13.2		11.1		14	120		3	116	110
08015 OVIEDO	4321N	00552W	339		972.4	1012.5	10.7	-1	9.9	-2	13	80	-13	3	129	110
08021 SANTANDER/PARAYAS	4326N	00349W	5		1012.6	1012.7	13.3		11.0		8	119		3	132	135
08023 SANTANDER	4329N	00348W	59		1005.8	1012.8	13.6	1.1	11.0	.2	10	114	-50	2	145	144
08025 BILBAO/SONDICA	4318N	00254W	42		1008.9	1013.5	13.3		10.7		14	81		2	100	115
08027 SAN SEBASTIAN/IGUELDO	4318N	00202W	259		982.8	1013.5	12.2	1.3	10.1	.1	15	127	-48	2	112	111
08029 SAN SEBASTIAN/FUENTERRABIA	4321N	00148W	8		1012.8	1013.3	12.7		10.9		14	124		2	90	90
08042 SANTIAGO/LABACOLLA	4254N	00826W	370		969.5	1013.0	10.0		11.3		18	301		5	87	75
08044 PONTEVEDRA	4226N	00837W	108		999.1	1012.0	12.2		12.2		19	311		5	87	75
08045 VIGO/PEINADOR	4214N	00838W	256		983.0	1013.7	11.3	.2	12.2	.8	18	266	63	4	76	66
08048 ORENSE	4220N	00752W	147		995.3	1012.9	11.6		11.3		18	190		5	84	85
08053 PONFERRADA	4234N	00636W	550		949.9	1014.6	8.8		9.5		15	111		5	83	80
08055 LEON/VIRGEN DEL CAMINO	4235N	00539W	916		908.9	1014.6	6.5		8.5		15	93		5	97	70
08075 BURGOS/VILLAFRIA	4221N	00338W	890		912.2	1015.1	7.4	1.5	8.8	.7	17	106	44	5	89	81
08080 VITORIA	4253N	00243W	513		954.7	1015.2	9.4		9.7		13	81		3	114	130
08084 LOGRONO/AGONCILLO	4227N	00220W	363		971.9	1015.1	10.0	.9	10.1	1.2	9	44	5	4	112	97
08085 PAMPLONA/NOAIN	4246N	00138W	459		961.4	1014.9	9.4		9.6		12	92		4	83	75
08130 ZAMORA	4131N	00544W	667		938.2	1016.0	9.3		9.6		13	86		5	80	60
08140 VALLADOLID/VILLANUBLA	4143N	00451W	846		917.2	1015.3	7.5		8.7		14	92		5	123	90
08141 VALLADOLID	4139N	00446W	735		929.6	1015.1	8.9	1.5	9.4	1.2	14	89	37	5	107	92
08148 SORIA	4146N	00228W	1082		891.5	1014.9	7.6		8.3		14	65		4	109	85
08160 ZARAGOZA/AEROPUERTO	4140N	00100W	263		984.6	1015.4	11.5	1.7	10.7	1.3	8	34	-2	4	135	96
08202 SALAMANCA/MATACAN	4057N	00530W	794		923.0	1015.1	8.5	1.5	8.9	.2	15	73	29	5	127	95

SURFACE

NOVEMBER 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.
08210 AVILA	4039N	00442W	1131		886.7	1015.4	7.5		8.2		12	45		4	98	70
08213 SEGOVIA	4057N	00407W	1006		900.1	1014.9	8.4		8.2		15	79		5	92	75
08215 NAVACERRADA	4047N	00401W	1894		808.5	1016.1	2.2		6.5		22	278		4	60	60
08219 MADRI-COLMENAR	4039N	00344W	1004		900.8	1015.0	8.2		9.3		17	89			112	
08221 MADRID/BARAJAS	4030N	00335W	633		947.5	1015.6	10.2	1.3	10.0	1.2	13	77	18	4	121	82
08222 MADRID, RETIRO	4025N	00341W	667		938.0	1015.6	10.4	1.0	9.8	1.1	15	70	6	4		
08223 MADRID/CUATRO VIENTOS	4023N	00347W	690		935.7	1015.5	10.3		10.1		14	67		4	146	95
08224 MADRID/GETAFE	4018N	00343W	620		943.6	1015.5	10.6		10.1		13	54		4	143	90
08227 MADRID/TORREJON	4029N	00327W	612		944.0	1015.4	10.2		10.3		12	56		3	132	95
08231 CUENCA	4004N	00208W	946		906.9	1016.1	8.9		9.0		12	74		4	115	80
08235 TERUEL	4021N	00107W	902		911.9	1015.8	8.4		8.7		8	32		3	121	90
08261 CACERES	3928N	00620W	405		969.5	1015.6	12.0	.3	11.5	1.6	12	109	35	5	135	95
08272 TOLEDO	3953N	00403W	516		955.0	1015.3	11.6		10.4		11	43		3	140	100
08280 ALBACETE/LOS LLANOS	3857N	00151W	704		934.5	1016.4	9.6	1.0	9.9	.9	7	44	6	4	137	92
08284 VALENCIA/AEROPUERTO	3930N	00028W	69		1007.6	1015.0	14.1	.6	11.6	.5	10	83	21	4	141	87
08285 VALENCIA	3929N	00023W	11				15.5				12	192		5		
08286 CASTELLON	3957N	00004W	35		1009.8	1015.5	14.7		12.0		8	110		5	143	85
08330 BADAJOZ/TALAVERA LA REAL	3853N	00650W	192		993.0	1015.8	12.8	.7	12.4	1.2	9	68	-23	4	123	76
08348 CIUDAD REAL	3859N	00355W	629		943.2	1016.4	10.7	1.7	10.5	.8	11	68	14	4	131	90
08359 ALICANTE	3822N	00030W	82		1005.3	1015.1	14.9	.0	11.6	-1	5	22	-20	4	174	97
08360 ALICANTE/EL ALTET	3817N	00033W	43		1011.3	1015.0	15.1		11.6		7	49			165	
08383 HUELVA	3717N	00655W	20		1014.1	1016.5	14.7		13.9		11	121		4	172	100
08391 SEVILLA/SAN PABLO	3725N	00554W	34		1012.7	1016.4	14.7		13.5		12	130		4	163	90
08397 MORON DE LA FRONTERA	3709N	00537W	88		1006.0	1016.6	14.0		12.1		12	91		4	150	85
08410 CORDOBA/AEROPUERTO	3751N	00451W	92		1005.6	1016.6	13.4	.5	12.7	1.4	12	102	15	4	163	92
08417 JAEN	3747N	00348W	582		949.2	1016.7	11.9		10.6		9	62		3	133	70
08419 GRANADA/AEROPUERTO	3711N	00347W	570		950.3	1017.1	10.3		10.2		9	65		4	146	85
08420 GRANADA/BASE AEREA	3708N	00337W	692		936.6	1016.9	10.8		9.5		11	71		4	153	95
08429 MURCIA/ALCANTARILLA	3757N	00114W	75		1006.8	1015.7	14.3		11.8		5	104		5	174	105
08430 MURCIA	3800N	00110W	62		1008.1	1015.5	15.0		11.4		6	67		4	177	105
08433 MURCIA/SAN JAVIER	3747N	00048W	5				14.9	.6			4	79	37	5	170	108
08449 ROTA	3639N	00621W	23		1014.1	1016.8	15.1		14.2		12	156			151	
08451 JEREZ DE LA FRONTERA AEROPUE	3645N	00604W	28		1013.3	1016.7	14.3	-1	14.0	1.0	13	136	28	4	141	77
08452 CADIZ, OBS.	3632N	00617W	9		1016.1	1017.2	16.2		13.8		13	143		4		
08482 MALAGA/AEROPUERTO	3640N	00429W	16		1015.5	1016.3	15.3	.2	13.3	.7	10	77	-38	3	101	60
08487 ALMERIA/AEROPUERTO	3651N	00223W	21		1012.4	1014.9	15.8	-4	13.6	.6	3	12	-19	2	187	101
GIBRALTAR																
08495 GIBRALTAR	3609N	00521W	5		1015.6	1016.2	41.1				41	13		3	163	115
PORTUGAL																
08509 LAJES (ACORES)	3846N	02706W	54		1010.5	1017.0	16.8		15.2		16	173		4	133	130
08512 PONTA DELGADA/NORDELA (ACORE)	3744N	02542W	72		1009.3	1018.4	16.9		13.6		13	54				
08515 SANTA MARIA (ACORES)	3658N	02510W	100		1006.9	1019.0	17.2	-2	15.4	-1	12	72	-30	2		
08535 LISBOA/GEOF	3843N	00909W	95		1003.8	1015.2	14.1	-4	14.1	1.3	15	173	59	5	143	91

SURFACE

NOVEMBER 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.
08570 CASTELO BRANCO	3950N	00729W	386		970.2	1015.7	11.2		11.8		16	169				
08575 BRAGANCA	4148N	00644W	692		938.0	1018.5	8.5	.5	10.1	1.3		178	89	5		
GERMANY																
10015 HELGOLAND	5411N	00754E	8		1017.8	1018.2	8.6		9.4		6	19		0	60	115
10020 LIST/SYLT	5501N	00825E	29		1015.2	1018.6	6.5		8.7		10	32		1	61	110
10028 ST PETER-ORDING	5420N	00836E	11		1017.3	1018.7	6.1		8.6		9	30		0	69	180
10035 SCHLESWIG	5432N	00933E	48		1013.5	1019.4	6.2	1.3	8.6	.7	7	30	-75	1	56	112
10046 KIEL-HOLTENAU	5423N	01009E	31		1016.2	1019.7	6.4		8.4		8	20			46	90
10055 WESTERMARKELSDORF	5432N	01104E	9		1019.1	1020.2	6.7		8.7		4	17			54	95
10091 ARKONA	5441N	01326E	42		1016.3	1021.5	6.8		8.6		4	9		0	70	130
10113 NORDERNEY	5343N	00709E	16		1015.6	1017.6	6.8		8.7		6	25		1	98	175
10129 BREMERHAVEN	5332N	00835E	11		1017.9	1018.6	6.6		8.4		7	22		0	65	135
10131 CUXHAVEN	5352N	00842E	12		1017.2	1018.6	6.8		8.8		7	24		1	69	120
10142 ITZEHOE	5359N	00934E	26		1016.2	1019.3	5.8		8.5		6	24			65	115
10147 HAMBURG-FUHLBUETTEL	5338N	00959E	16		1017.6	1019.5	6.0	.9	8.0	.2	7	22	-49	1	70	132
10156 LUEBECK-BLANKENSEE	5349N	01042E	17		1018.0	1020.1	5.4		8.1		5	12			65	125
10161 BOLTENHAGEN	5400N	01112E	17		1018.3	1020.2	6.2		8.2		3	10		0	70	125
10162 SCHWERIN	5339N	01123E	68		1012.9	1020.3	5.8		8.0		3	8		0		
10170 ROSTOCK-WARNEMUENDE	5411N	01205E	10		1019.1	1020.7	6.4	1.1	8.1	.2	4	10	-42	0	76	146
10180 BARTH	5420N	01243E	7		1020.7	1021.2	5.1		7.7		6	14			76	150
10184 GREIFSWALD	5406N	01324E	6		1020.8	1021.6	5.3		7.9		5	12			68	125
10193 UECKERMUENDE	5345N	01404E	2		1021.5	1021.8	5.0		7.9		4	19		1	67	130
10200 EMDEN-FLUGPLATZ	5323N	00714E	-2		1017.7	1017.5	6.0		8.5		6	31			80	150
10224 BREMEN	5303N	00848E	5		1017.9	1018.6	6.1		8.4		7	18		1	66	125
10249 BOIZENBURG	5324N	01041E	46		1014.2	1019.9	5.5		8.2		4	10		0	58	110
10261 SEEHAUSEN	5254N	01144E	23		1017.7	1020.6	5.1		7.8		5	11			62	130
10264 MARNITZ	5319N	01156E	87		1009.8	1020.6	5.0		7.9		2	6		0	63	130
10270 NEURUPPIN	5254N	01249E	45		1015.4	1021.0	5.4		8.0		5	16		1	64	160
10291 ANGERMUENDE	5302N	01400E	55		1014.8	1021.7	4.6		7.9		3	21		1	63	125
10305 LINGEN	5231N	00718E	26		1014.7	1017.5	6.6		8.7		8	26		1	74	135
10309 AHAUS	5204N	00656E	47		1011.4	1017.2	6.3		8.3		7	26			81	140
10312 BELM	5219N	00810E	104		1005.2	1018.0	6.2		8.2		7	19			80	155
10315 MUENSTER/OSNABRUECK	5208N	00742E	53		1011.1	1017.6	6.4		8.4		8	19			80	145
10321 DIEPHOLZ	5235N	00821E	43		1012.9	1018.3	5.6		8.3		7	23		1	72	145
10325 BAD SALZUFLEN	5206N	00845E	139		1001.6	1018.4	6.3		8.0		7	19		0	75	145
10338 HANNOVER	5228N	00941E	59		1011.7	1019.0	6.0	1.0	8.3	.5	5	13	-39	0	73	126
10348 BRAUNSCHWEIG	5218N	01027E	88		1009.3	1019.4	6.0		8.1		6	13		1	74	140
10359 GARDELEGEN	5231N	01124E	48		1014.3	1020.3	5.1		7.7			2		0	69	145
10361 MAGDEBURG	5206N	01135E	85		1009.6	1020.1	5.7		7.9		6	18		1	77	135
10365 GENTHIN	5223N	01210E	39		1015.9	1020.4	4.9		7.7		2	7		0	68	140
10379 POTSDAM	5223N	01304E	100		1008.5	1020.9	5.2	1.0	7.9	.5	4	15	-32	0	68	126
10382 BERLIN-TEGEL	5234N	01319E	37		1016.5	1021.1	5.8		7.9		5	15			56	110
10384 BERLIN-TEMPELHOF	5228N	01324E	50		1015.1	1021.2	5.7		7.8		3	19		1	63	120
10385 BERLIN-SCHOENEFELD	5223N	01332E	48		1014.9	1021.2	5.4		8.0		3	19			70	
10393 LINDENBERG	5213N	01407E	112		1008.5	1021.4	5.3	1.2	7.9	.6	2	22	-22	1	88	176

SURFACE

NOVEMBER 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.
10396 MANSCHNOW	5233N	01433E	16		1020.1	1021.7	4.8		7.7		2	17			71	135
10400 DUESSELDORF	5118N	00646E	45		1011.9	1016.9	7.3		8.3		6	20			92	165
10410 ESSEN-BREDENEY	5124N	00658E	161		998.7	1017.0	7.0	1.3	8.2	.3	6	23	-60	0	95	173
10418 LUEDENSCHEID	5115N	00739E	392		970.5	1017.6	5.7		7.6		5	27			88	155
10424 WERL	5134N	00753E	86		1007.1	1017.7	6.6		8.0		4	10			98	195
10427 KAHLER ASTEN	5111N	00829E	859		916.8	1467 Y	2.9		6.9		11	48		1	73	155
10430 BAD LIPPSPRINGE	5147N	00850E	158		998.8	1018.2	6.8		8.3		7	19		0	81	155
10442 ALFELD	5157N	00948E	145		1001.4	1019.3	5.7		8.1		7	16			64	140
10444 GOETTINGEN	5130N	00957E	175		998.7	1019.4	5.6		7.9		3	10		1	71	145
10449 LEINEFELDE	5124N	01019E	356		976.6	1019.6	4.8		7.6		4	12		1	73	135
10453 BROCKEN	5148N	01037E	1153		884.8	1475 Y	2.0		5.9		14	60		1	90	175
10460 ARTERN	5123N	01118E	166		999.5	1020.0	5.0		7.7		5	12		1	58	125
10469 LEIPZIG-SCHKEUDITZ	5126N	01214E	141		1003.5	1020.2	5.4		8.0		4	11				
10474 WITTENBERG	5153N	01239E	106		1007.5	1020.6	5.3		7.7		4	19		1	86	160
10480 OSCHATZ	5118N	01306E	152		1002.9	1021.6	5.0		7.2		4	16			83	145
10488 DRESDEN-KLOTZSCHE	5108N	01345E	232		992.2	1020.7	5.7		7.9		3	12		0	96	165
10496 COTTBUS	5146N	01419E	70		1012.5	1021.2	5.3		7.7		3	12		1	86	155
10499 GOERLITZ	5110N	01457E	240		992.0	1021.4	5.5	1.6	7.8	.8	3	11	-40	0	100	175
10505 AACHEN-ORSBACH	5046N	00710E	233		988.0	1016.3	6.7		8.1		4	21			106	155
10506 NUERBURG-BARWEILER	5022N	00652E	488		958.9	1017.6	5.0		7.6		5	22			78	160
10513 KOELN/BONN	5052N	00710E	100		1005.1	1017.3	7.3		8.4		7	25		1	75	125
10519 BONN-ROLEBER	5044N	00712E	162		997.7	1017.3	6.9		8.2		5	20			85	145
10520 ANDERNACH	5025N	00725E	77		1008.5	1017.8	6.4		8.3		5	13			60	135
10526 BAD MARIENBERG	5040N	00758E	555		952.5	1018.0	4.5		7.8		4	27			61	125
10532 GIESSEN	5035N	00842E	195		993.7	1018.7	5.6		8.2		8	31		1	53	125
10537 NEU ULRICHSTEIN	5045N	00901E	352		976.1	1018.9	5.0		7.9		5	26			71	
10542 BAD HERSFELD	5051N	00944E	273		986.2	1019.3	5.0		7.7		6	17		1	52	105
10544 WASSERKUPPE	5030N	00957E	925		910.0	1475 Y	3.1		6.9		6	25		1	88	155
10548 MEININGEN	5034N	01023E	453		965.1	1020.0	4.3		7.4		8	14			50	115
10554 ERFURT-BINDERSLEBEN	5059N	01058E	322		980.4	1019.8	4.7		7.7		4	10		1	73	125
10557 NEUHAUS A.R.	5030N	01108E	851		918.9	1476 Y	2.3		6.7		7	20			73	150
10564 SCHLEIZ	5034N	01148E	502		959.5	1020.1	4.2		7.6		3	10			92	160
10567 GERA-LEUMNITZ	5053N	01208E	312				4.9				2	12		1	89	135
10577 CHEMNITZ	5048N	01252E	420		969.7	1020.3	5.2		7.4		3	14		0	99	165
10578 FICHTELBERG	5026N	01257E	1215		879.2	1486 Y	1.6	2.5	5.8	.6	6	31	-57	1	122	203
10582 ZINNWALD-GEORGENFELD	5044N	01345E	882		916.9	1483 Y	1.5		6.6		3	11			49	110
10591 LICHTENHAIN-MITTELNDORF	5056N	01413E	352		982.3	1021.3	5.1		7.5		3	7			80	195
10609 TRIER-PETRISBERG	4945N	00640E	273		984.0	1017.2	6.4	1.8	8.2	.6	9	54	-20	2	73	149
10616 HAHN	4957N	00716E	503		957.2	1017.7	4.9		8.0		8	35			73	145
10628 GEISENHEIM	4959N	00757E	123		1004.6	1018.3	7.1	2.0	8.4	.9	8	25	-24	1	67	134
10635 KLEINER FELDBERG/TAUNUS	5013N	00827E	805		920.4	1467 Y	3.3		7.3		6	42		1	68	145
10637 FRANKFURT/M-FLUGHAFEN	5003N	00836E	113		1005.6	1018.4	7.1		8.1		6	26		1	83	170
10648 MICHELSTADT-VIELBRUNN	4943N	00906E	455		963.6	1018.6	4.9		8.1		7	27			65	120
10655 WUERZBURG	4946N	00958E	272		986.4	1019.5	5.8		7.9		4	12		0	73	145
10658 BAD KISSINGEN	5014N	01005E	282		985.3	1019.7	5.1		7.7		2	5		0	56	145
10675 BAMBERG	4953N	01055E	243		990.1	1019.6	5.2		7.3		4	11		1	71	150

SURFACE

NOVEMBER 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.
10685 HOF	5019N	01153E	568		952.1	1020.3	3.7		7.4		2	13		0	67	130
10686 WUNSIEDEL-SCHOENBRUNN	5001N	01158E	623		945.5	1020.3	3.2		7.5		3	17			55	105
10688 WEIDEN	4940N	01211E	439		967.3	1020.4	4.1		7.3		3	13		1	55	115
10708 SAARBRUECKEN/ENSHEIM	4913N	00707E	322		978.6	1017.4	6.5		8.3		9	52		1	92	160
10724 WEINBIET	4923N	00807E	557		951.2	1018.0	5.1		7.8		9	22			89	135
10729 MANNHEIM	4931N	00833E	100		1005.9	1018.1	7.2		8.4		7	25		1	92	165
10731 RHEINSTETTEN	4858N	00819E	118		1003.5	1017.9	6.3		8.4		7	33			91	180
10738 STUTTGART-ECHTERDINGEN	4841N	00914E	396		971.0	1018.4	5.4		7.8		4	13		1	97	130
10742 OEHRINGEN	4913N	00931E	277		985.1	1018.5	6.5		8.2		6	20		0	94	150
10747 KAISERBACH-CRONHUETTE	4855N	00941E	490		959.6	1018.7	4.5		7.5		5	20			97	
10761 WEISSENBURG	4901N	01058E	424		966.1	1019.4	4.6		7.9		4	18		1	68	110
10763 NUERNBERG	4930N	01103E	319		980.8	1019.5	5.4	1.5	7.5	.6	3	11	-33	1	80	140
10776 REGENSBURG	4903N	01206E	371		974.8	1019.8	4.6		7.6		4	28		1	50	110
10788 STRAUBING	4850N	01234E	360		976.1	1019.9	4.7		7.8		4	36			62	130
10791 GROSSER ARBER	4907N	01308E	1446		854.3	1487 Y	2.8		5.2		5	23			149	
10803 FREIBURG	4800N	00751E	300		988.7	1017.7	5.8		8.1		7	33		1	76	110
10805 LAHR	4822N	00750E	157		998.5	1017.7	6.3		8.6		8	24		1	85	155
10815 FREUDENSTADT	4827N	00825E	801		923.4	1471 Y	4.4		7.5		9	32		1	101	125
10836 STOETTEN	4840N	00952E	737		930.9	1018.6	3.8		7.3		3	17		0	75	95
10852 AUGSBURG	4826N	01056E	477		961.6	1019.3	4.0		7.8		5	22		1	63	100
10863 WEIHENSTEPHAN	4824N	01142E	479		961.5	1019.4	4.2		7.8		4	26		1	74	120
10870 MUENCHEN-FLUGHAFEN	4822N	01149E	453		965.3	1019.5	4.1	1.3	7.6	1.1	4	27	-28	1	74	123
10875 MUEHL DORF	4817N	01230E	410		970.2	1019.6	4.4		7.9		4	33		1	76	135
10895 FUERSTENZELL	4833N	01321E	480		961.8	1019.8	4.8		8.0		5	39			71	120
10908 FELDBERG/SCHWARZWALD	4753N	00800E	1493		847.7	1474 Y	2.9		5.5		9	48		1	107	120
10929 KONSTANZ	4741N	00911E	447		964.7	1018.2	5.9	1.6	8.2	1.0	5	13	-52	1	55	106
10946 KEMPTEN	4743N	01020E	705		934.9	1018.5	3.9		7.0		4	15		1	98	115
10948 OBERSTDORF	4724N	01017E	812		923.1	1471 Y	3.4		6.8		5	15		0	95	120
10961 ZUGSPITZE	4725N	01059E	2962		707.1	3040 Z	-4.5	2.6	3.0	.3	4	20	-138	0	171	129
10962 HOHENPEISSENBERG	4748N	01101E	986		903.2	1478 Y	4.8	2.2	6.8	.9	5	20	-53	0	107	116
AUSTRIA																
11012 KREMSMUNSTER	4803N	01408E	389		972.6	1019.9	5.3		7.8		5	49		2	80	150
11035 WIEN/HOHE WARTE	4815N	01622E	200		995.5	1021.0	6.6		8.5	1.4	8	52	2	4	67	106
11120 INNSBRUCK-FLUGHAFEN	4716N	01121E	584		948.1	1018.5	5.9		7.2		4	14		1	124	125
11146 SONNBLICK	4703N	01257E	3111		697.1	3070 Z	-5.4		3.2	.6	9	64	-133	1	116	97
11150 SALZBURG-FLUGHAFEN	4748N	01300E	450		965.3	1018.9	4.6		7.5	.9	5	31	-43	1	107	134
11155 FEUERKOGEL	4749N	01343E	1621		836.2	1488 Y	3.7		5.1		6	36		1	159	155
11212 VILLACHERALPE	4636N	01340E	2160		783.1	1505 Y	-4		4.8		10	116		3	85	65
11231 KLAGENFURT-FLUGHAFEN	4639N	01420E	476		963.9	1021.0	6.2		8.6	2.1	10	68	-18	3	62	95
11240 GRAZ-THALERHOF-FLUGHAFEN	4700N	01526E	347		977.1	1021.0	6.2		8.9	2.1	7	59	0	4	50	63
CZECH REPUBLIC																
11423 PRIMDA	4940N	01240E	748		931.3		2.4		7.0		5	16		1	40	90
11464 MILESOKVA	5033N	01356E	836		921.8		1.8		6.9		3	14		1	63	105

SURFACE

NOVEMBER 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.
11487 KOCELOVICE	4928N	01350E	522		958.1	1021.4	3.8		7.7		3	17		1	60	120
11518 PRAHA/RUZYNE	5006N	01415E	380		976.9	1021.5	4.2	1.2	7.7	1.1	2	11	-20	0	75	142
11520 PRAHA-LIBUS	5001N	01427E	303		984.2	1021.5	5.1		7.5		3	14		1	79	150
11603 LIBEREC	5046N	01501E	405		972.9	1021.8	4.6		7.3		4	13		0	73	175
11659 PRIBYSLAV	4935N	01546E	536		957.0	1021.8	4.1		7.6		4	23		1	68	155
11723 BRNO/TURANY	4909N	01642E	246		991.8	1021.9	6.0	2.5	7.9	1.1	3	16	-21	1	87	171
11782 OSTRAVA/MOSNOV	4941N	01807E	260		990.9	1022.7	5.9	2.2	7.6	.8	2	7	-37	0	87	161
11787 LYSA HORA	4933N	01827E	1327		868.9	1507 Y	1.4		6.3		3	11		0	107	180
SLOVAKIA																
11826 PIESTANY	4837N	01750E	164		1001.8	1022.0	7.3		8.1		3	18		1	101	170
11858 HURBANOVO	4752N	01812E	124		1006.8	1022.1	7.3	2.6	8.2	.9	8	41	-12	3	107	155
11903 SLIAC	4839N	01909E	315		984.7	1023.3	5.2	2.1	7.7	1.0	6	31	-38		82	164
11934 POPRAD/TATRY	4904N	02015E	696		940.3		3.1	1.8	6.6	.9	3	12	-32	1	118	139
11968 KOSICE	4840N	02113E	231		995.0	1023.4	6.0		7.8		5	28		2	98	185
POLAND																
12120 LEBA	5445N	01732E	6		1023.0	1023.4	5.5		8.1		1	14		0	85	
12160 ELBLAG	5410N	01926E	43		1001.4	1024.5	4.0		7.7		6	29		1	68	175
12205 SZCZECIN	5324N	01437E	7		1021.2	1022.1	4.7	.3	7.8	.3	3	12	-34	0	67	165
12295 BIALYSTOK	5306N	02310E	151		1007.2	1026.3	2.9	.7	7.4	.7	4	21	-25	1	39	115
12330 POZNAN	5225N	01651E	84		1011.8	1022.9	5.2	1.4	7.8	.6	3	8	-31	0	60	150
12375 WARSZAWA-OKECIE	5210N	02058E	106		1011.6	1024.9	4.4	1.2	7.8	.8	3	11	-30	0	66	155
12385 SIEDLCE	5215N	02215E	155		1006.1	1025.7	3.3		7.4		4	16		1	69	
12424 WROCLAW II	5106N	01653E	124		1007.4	1022.5	5.7	1.8	7.8	.6	3	15	-28	0	110	212
12497 WLODAWA	5133N	02332E	179		1003.6	1026.1	3.1		7.3		3	10		1	74	155
12566 KRAKOW	5005N	01948E	237		993.8		4.5	1.3	7.8	.9	4	12	-33	1		
HUNGARY																
12843 BUDAPEST/PESTSZENTLORINC	4726N	01911E	139		1005.3	1022.5	7.4	2.6	8.3	.9	7	48	-4	4	101	151
12882 DEBRECEN	4729N	02136E	109		1009.0	1022.4	7.0	2.5	8.0	.6	4	39	-6	3		
12925 NAGYKANIZSA	4627N	01658E	141		1004.3	1021.7	6.6		9.0		8	41		2		
12942 PECS/POGANY	4600N	01814E	203		996.9	1021.7	7.0	1.9	8.3	.8	4	22	-34	1	121	149
12982 SZEGED	4615N	02006E	83		1011.8	1022.0	7.7	2.6	8.2	.6	5	21	-20	2	131	164
SERBIA AND MONTENEGRO																
13168 NOVI SAD RIMSKI SANCEVI	4520N	01951E	87		1010.8	1021.4	8.1		8.0		7	25		1	113	135
13274 BEOGRAD	4448N	02028E	132		1005.1	1021.2	8.9	1.9	8.7	1.0	8	35	-19	2		
13388 NIS	4320N	02154E	202		997.5	1022.5	8.1		8.2		6	36		2	105	125
13463 PODGORICA-GRAD	4226N	01917E	50		1012.6	1018.5	12.8		10.6		8	236		3	111	85
SLOVENIA																
14008 KREDARICA	4623N	01351E	2515		748.7	3047 Z	-1.9		4.0		8	178		3	73	65

SURFACE

NOVEMBER 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.
14015 LJUBLJANA/BEZIGRAD	4604N	01431E	299		984.8	1020.7	8.2		9.8		11	109		3	41	70
CROATIA																
14236 ZAGREB/GRIC	4549N	01559E	162		1001.0	1020.8	8.7		9.1		8	78		3	59	90
14445 SPLIT/MARJAN	4331N	01626E	128		1001.8	1017.1	14.4		10.5		7	121		4	129	95
BOSNIA AND HERZEGOVINA																
14542 BANJA LUKA	4447N	01713E	156		1002.0	1021.1	8.0		9.4		7	58		1	86	120
14557 TUZLA	4433N	01842E	307		984.8	1021.6	8.8		8.6		8	49		2	93	125
14648 MOSTAR	4321N	01748E	108		1006.5	1018.5	12.2		11.5		9	221		4	121	100
14652 BJELASNICA	4343N	01816E	2070		794.1	1502 Y	.3		6.2		9	113		4	113	105
14654 SARAJEVO-BJELAVE	4352N	01826E	638		946.7	1021.3	7.6	2.3	8.0	1.1	18	55	-39	2	110	136
ROMANIA																
15023 SUCEAVA	4738N	02615E	352		981.0	1025.0	2.1		6.9		8	42		4	61	65
15085 BISTRITA	4709N	02431E	367		978.5	1023.5	5.7	2.5	7.5	.7	7	30	-17	2	122	156
15090 IASI	4710N	02738E	104		1017.7	1027.3	3.1	-1.2	7.1	-2	9	46	11	4	58	79
15120 CLUJ-NAPOCA	4647N	02334E	414		973.3	1023.6	5.5	3.1	7.9	1.4	6	32	2	3	107	145
15247 TIMISOARA	4546N	02115E	88		1010.9	1021.6	7.7	2.1	8.1	.3	6	23	-25	2	115	134
15260 SIBIU	4548N	02409E	444		969.3	1023.5	5.6	1.9	7.2	.3	8	24	-10	3	88	106
15280 VARFU OMU	4527N	02527E	2509		752.2	3076 Z	-1.4	3.7	3.8	.2	6	24	-33	3	133	120
15292 CARANSEBES	4525N	02215E	242		992.9	1022.6	8.0		8.0		8	44		4	108	110
15310 GALATI	4529N	02802E	71		1017.1	1025.9	4.3	-1.0	7.8	.0	6	46	10	4	34	40
15350 BUZAU	4509N	02649E	97		1013.7	1026.0	5.1		8.0		6	15		2	57	55
15360 SULINA	4510N	02944E	9		1023.0	1024.4	7.1	-7	8.9	-6	6	55	33	5	34	40
15420 BUCURESTI BANEASA	4430N	02608E	91		1013.5	1025.0	4.8	-4	7.7	-1	8	66	17	4	42	48
15450 CRAIOVA	4419N	02352E	195		1000.7	1024.7	5.4	.4	8.2	.4	7	64	11	4	70	77
15480 CONSTANTA	4413N	02839E	14		1022.6	1024.3	7.3	-7	9.1	-3	7	58	16	4	59	58
BULGARIA																
15502 VIDIN	4359N	02251E	595		1019.7	1023.7	5.2		8.2		7	80		5	54	65
15552 VARNA	4312N	02757E	43		1018.4	1023.3	8.6	-2	9.4	.2	7	0067	0017	4		
15614 SOFIA (OBSERV.)	4239N	02323E	595		951.6	1022.7	6.0	.9	7.5	.6	6	63	10	3	96	100
15730 KURDJALI	4139N	02523E	331		982.7	1022.5	7.9		10.0		9	111		5	71	60
ITALY																
16008 S. VALENTINO ALLA MUTA	4645N	01032E	1461		853.6	1495 Y	2.2		6.2		5	13	-33	2		
16022 PAGANELLA	4609N	01102E	2129		785.2	1491 Y	-1		4.9		11	94	44	5	65	
16052 PIAN ROSA	4554N	00742E	3488		661.1	3039 Z	-6.2		2.8		0	T		0	85	66
16061 BRIC DELLA CROCE	4502N	00743E	710		934.9		7.4		9.6		16	106	55	5	44	38
16088 BRESCIA/GHEDI	4525N	01017E	97		1006.8	1019.0	10.9		12.1		13	70	-8	3		
16098 TREVISO/ISTRANA	4541N	01206E	42		1013.4	1019.0	11.7		11.9		9	98	0	4		
16110 TRIESTE	4539N	01345E	4		1017.6	1018.0	12.5		11.0		12	70	-43	2	78	79

SURFACE

NOVEMBER 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.
16134 MONTE CIMONE	4411N	01042E	2173		781.8	1496 Y	1.6		5.1		4	9	-71	1	54	50
16148 CERVIA	4413N	01218E	10		1016.7	1018.0	10.4		10.7		9	88	11	4	70	
16153 CAPO MELE	4357N	00811E	221		990.8	1017.0	13.3		9.7		16	152	83	5	101	78
16179 FRONTONE	4331N	01244E	574		949.2		9.6		9.9		12	111	-29	2		
16206 GROSSETO	4244N	01103E	7		1015.0	1016.0	12.8		12.1		11	102	9	4		
16224 VIGNA DI VALLE	4205N	01213E	266		984.9	1017.0	12.6		12.4		15	200	69	5	120	93
16232 TERMOLI	4200N	01500E	44		1011.4	1017.0	15.5		13.9		9	96	50	5	111	100
16245 PRATICA DI MARE	4139N	01227E	21		1013.3	1016.0	15.1		14.9		0	T	-119	1		
16252 CAMPOBASSO	4134N	01439E	807		924.7		10.3		11.1		0	T	-81	1	118	94
16253 GRAZZANISE	4103N	01404E	10		1014.7	1016.0	14.2		13.6		12	281	145	5	126	100
16258 MONTE S. ANGELO	4142N	01557E	848		918.2		10.0		10.1		8	54	-8	3		
16310 CAPO PALINURO	4001N	01516E	185		994.0	1016.0	17.1		15.5		0	0	-112	0	149	101
16325 MARINA DI GINOSA	4026N	01653E	12		1014.7	1016.0	15.2		14.6		0	T	-51	1		
16344 MONTE SCURO	3920N	01624E	1677		830.2	1484 Y	6.1		7.9		12	259	152	5	103	
16360 S. MARIA DI LEUCA	3949N	01821E	112		1003.1	1016.0	15.9		14.8		14	159	69	5	120	
16400 USTICA	3842N	01311E	243		988.1	1017.0	21.4		18.0		10	79	8	4	147	94
16420 MESSINA	3812N	01533E	54		1009.9	1016.0	17.3		14.8		10	165	59	5	146	106
16429 TRAPANI BIRGI	3755N	01230E	9		1015.1	1016.0	16.2		15.1		10	95	31	5	157	99
16450 ENNA	3734N	01417E	1001		900.5	1480 Y			10.0		9	96		5		
16459 CATANIA SIGONELLA	3724N	01455E	29		1013.8	1017.0	16.4		17.4		9	75	27	4		
16480 COZZO SPADARO	3641N	01508E	51		1009.3	1015.3	18.3		16.4		8	117	67	5	175	
16522 CAPO CACCIA	4034N	00810E	204		990.6	1015.0	15.6		15.5		13	99		4	143	100
16546 DECIMOMANNU	3921N	00858E	24		1012.0	1011.0	14.0		14.1		15	153	88	6		
MALTA																
16597 LUQA	3551N	01429E	91		1006.1	1016.8	18.5	1.5	15.8	1.1	17	61	-19	0	167	
GREECE																
16622 THESSALONIKI (AIRPORT)	4031N	02258E	8		1020.4	1020.4	12.8	1.9	10.3	-1	6	27	-30	2	112	96
16641 KERKYRA (AIRPORT)	3937N	01955E	4		1016.3	1016.8	16.2	2.0	17.7	5.0	12	159	-21	3	126	95
16648 LARISSA (AIRPORT)	3938N	02225E	74		1011.7	1020.2	11.9	1.1	11.1	.7	8	47	-11	3	80	63
16716 ATHINAI (AIRPORT)	3754N	02344E	28		1013.6	1018.6	15.9	.5	12.2	-2	5	28	-22	2	153	101
16719 ZAKINTHOS AIRPORT	3747N	02054E	4		1016.7	1017.4	16.2	.4	14.7	.7	9	153	-6	4	183	95
16723 SAMOS (AIRPORT)	3742N	02655E	7		1015.5	1016.9	16.5	2.0	13.9	2.0	8	116	6	5		
16726 KALAMATA (AIRPORT)	3704N	02201E	8		1016.9	1017.4	15.3	.6	12.4	-3	9	153	11	4	172	115
16746 SOUDA (AIRPORT)	3529N	02407E	151		999.3	1017.1	16.0	.4	15.0	2.2	9	162	90	5	100	66
16754 HERAKLION (AIRPORT)	3520N	02511E	39		1012.5	1017.1	17.9	1.3	17.0	4.1	8	141	83	5	137	92
TURKEY																
17022 ZONGULDAK	4127N	03148E	137		1004.5	1020.7	12.2	.3	1.1	-8.0	12	133	-9	0	81	75
17026 SINOP	4202N	03510E	32		1016.2	1020.0	14.6		13.2		10	67		0	57	55
17030 SAMSUN	4117N	03618E	4		1020.7	1021.1	13.4	.9	10.3	.1	9	68	-21	0	82	90
17034 GIRE SUN	4055N	03823E	37		1017.1	1021.6	13.8	1.2	10.6	.2	11	159	17	0		
17040 RIZE	4102N	04031E	9		1020.2	1020.5	13.5	1.9	12.8	2.1	12	222	-27	0	80	85

SURFACE

NOVEMBER 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.
17045 ARTVIN	4111N	04149E	628		948.5	1020.5	9.8		7.4		8	57		0	107	120
17050 EDIRNE	4140N	02634E	51		1015.3	1021.5	9.8	.7	9.1	-4	9	175	111	0	72	70
17056 TEKIRDAG	4059N	02733E	3		1021.2	1021.6	12.0		10.7		8	48		0	59	65
17064 ISTANBUL BOLGE (KARTAL)	4054N	02909E	99		1018.2	1020.3	13.2		11.4		9	98		0		
17069 ADAPAZARI	4047N	03025E	30		1016.5	1020.1	12.8		11.4		10	84		0	72	90
17070 BOLU	4044N	03136E	743		933.9	1021.2	7.3		8.1		8	44		0		
17074 KASTAMONU	4122N	03347E	800		927.4	1021.5	6.0	.8	7.7	.8	5	31	2	0	97	85
17080 CANKIRI	4036N	03337E	751		932.6	1021.2	7.3		7.3		5	28		0	132	120
17084 CORUM	4033N	03457E	776		929.6	1020.5	7.1	.9	7.6	.8	4	24	-12	0	88	90
17086 TOKAT	4018N	03634E	608		948.8	1020.8	9.3		8.3		5	8		0	115	105
17088 GUMUSHANE	4028N	03928E	1219		884.0	1023.0	6.1		5.9		5	33		0	93	115
17090 SIVAS	3945N	03701E	1285		875.1	1022.3	5.8	1.2	6.1	.0	5	17	-21	0	116	95
17092 ERZINCAN	3942N	03931E	1154		882.8	1021.2	6.8	1.8	6.0	-4	5	39	0	0	114	85
17096 ERZURUM	3957N	04110E	1758		826.7	1022.7	2.3	1.0	5.5	.5	5	19	-17	0	164	115
17098 KARS	4033N	04305E	1795		825.4	1024.0	1.7	1.3	4.9	-1	3	9	-16	0	130	95
17099 AGRI	3944N	04303E	1632		839.0	1023.5	3.2		5.9		7	64		0	130	125
17112 CANAKKALE	4008N	02624E	6		1019.4	1020.1	12.9	1.0	11.2	-1	7	93	5	0	87	60
17116 BURSA	4011N	02904E	100		1007.7	1019.7	12.2	1.3	10.8	1.1	9	58	-22	0	56	40
17130 ANKARA/CENTRAL	3957N	03253E	891		917.2	1020.1	9.0	1.9	7.1	.0	5	25	-8	0	128	90
17140 YOZGAT	3949N	03448E	1298		872.9	1020.4	6.1		6.5		5	34		0	159	115
17150 BALIKESIR	3937N	02755E	103		1008.0	1020.6	11.9	1.1	11.3	1.1	8	85	7	0	109	80
17155 KUTAHYA	3925N	02958E	969		908.3	1020.0	7.8		8.0		7	40		0	110	110
17160 KIRSEHIR	3909N	03410E	1007		903.7	1019.3	8.2		7.0		6	21		0	146	95
17170 VAN	3827N	04319E	1669		835.5	1020.3	6.5	2.5	6.7	1.1	10	28	-14	0	144	85
17188 USAK	3841N	02924E	919		912.7	1018.2	9.5	1.7	7.4	-4	6	69	11	0		
17190 AFYON	3845N	03032E	1034		901.4	1020.1	7.6	.8	7.0	-1	7	45	15	0	118	80
17193 NEVSEHIR	3837N	03442E	1260		878.3	1021.2	7.1		6.5		1	8		0	124	85
17199 MALATYA/BOLGE	3821N	03819E	948		911.3	1020.7	8.7		7.8		8	28		0	129	85
17202 ELAZIG	3836N	03917E	902		907.0	1020.7	8.6		7.7		10	52		0	142	100
17203 BINGOL	3852N	04030E	1177		890.9	1025.3	7.9		7.3		9	84		0	114	95
17204 MUS	3844N	04131E	1320		863.7	1012.4	7.0		7.3		7	78		0	72	55
17210 SIIRT	3755N	04157E	896		917.2	1019.8	11.0	.9	9.4	1.9	12	94	13	0	103	65
17220 IZMIR/GUZELYALI	3826N	02710E	29		1014.2	1017.6	15.3	1.3	11.2	-1	9	77	-10	0	151	95
17234 AYDIN	3751N	02751E	56		1010.3	1016.9	14.5		10.9		8	133		0	125	85
17237 DENIZLI	3747N	02905E	425		965.8	1015.5	12.9		8.7		6	68		0	140	90
17240 ISPARTA	3745N	03033E	997		905.1	1019.3	8.9	1.5	7.3	.2	6	49	3	0	147	95
17244 KONYA	3758N	03233E	1032		901.8	1020.2	7.8	1.6	7.2	.2	3	21	-11	0		
17250 NIGDE	3758N	03441E	1210		882.6	1020.0	7.7	1.7	6.2	.1	5	14	-16	0	165	105
17255 KAHRAMANMARAS	3736N	03656E	572		952.3	1018.8	12.6	1.0	9.3	.8	7	27	-50	0	120	85
17260 GAZIANTEP	3705N	03722E	705		920.5	1018.6	10.8		8.8		9	38		0	123	70
17265 ADIYAMAN	3745N	03817E	672		941.8	1019.6	12.3		9.4		11	96		0	102	60
17270 SANLIURFA	3708N	03846E	549		954.9	1019.0	13.0	.5	10.2	1.5	9	107	65	0	102	55
17280 DIYARBAKIR	3753N	04012E	687		941.2	1019.9	10.2	.8	10.1	1.9	8	88	36	0	157	95
17282 BATMAN	3753N	04107E	545		948.3	1019.7	10.5		10.3		10	88		0	103	70
17285 HAKKARI	3734N	04346E	1728		829.6	1019.3	6.3	1.2	6.4	.8	6	69	-27	0	115	80
17292 MUGLA	3713N	02822E	646		942.5	1017.5	11.6	1.2	9.5	.2	10	173	38	0	41	25

SURFACE

NOVEMBER 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.
17300 ANTALYA	3652N	03044E	64		1010.9	1016.4	18.1	3.3	10.6	-8	9	89	-60	0		
17340 MERSIN	3648N	03438E	3		1016.2	1017.0	18.1	3.1	9.9	-2.1	4	34	-41	0	146	90
17351 ADANA/BOLGE	3659N	03521E	27		1014.3	1017.0	16.8		11.6		7	22		0	153	85
17370 ISKENDERUN	3635N	03610E	4		1016.7	1017.1	18.9		1.2		7	64		0	136	80
17375 FINIKE	3618N	03009E	2		1015.5	1015.7	17.9		11.3		5	42		0	168	90
RUSSIAN FEDERATION (EUROPE)																
22113 MURMANSK	6858N	03303E	51		1008.2	1014.6	-1	4.9	5.4	1.5	12	50	9	5	0	
22165 KANIN NOS	6839N	04318E	49		1006.5	1012.7	.3	2.8	5.6	1.1	18	61	16	5	0	
22217 KANDALAKSHA	6709N	03221E	25		1013.9	1017.1	-8	4.8	5.5	1.5	7	29	-15	1	5	
22235 KRASNOSCEL'E	6721N	03703E	156		996.1	1015.9	-2.2		5.0		12	32			8	
22471 MEZEN'	6552N	04413E	19		1013.4	1015.9	-3.1		4.8		16	55		4	4	
22520 KEM'-PORT	6459N	03448E	8		1017.4	1018.4	.8		5.6		4	15		1	21	
22550 ARHANGEL'SK	6433N	04035E	4		1017.1	1018.2	-1.0	3.6	5.5	1.3	17	52	-2	3	8	
22619 PADANY	6316N	03325E	128		1004.9	1021.0	.4		5.6		5	15		1	1	
22641 ONEGA	6354N	03807E	13		1018.0	1019.6	.4	4.1	5.8	1.4	13	49	-9	2	2	
22676 SURA	6335N	04538E	62		1010.5	1018.5	-2.9		4.7		17	56		4		
22768 SHENKURSK	6206N	04254E	45		1015.7	1021.0	-1.9		5.1		12	30		2	22	
22802 SORTAVALA	6143N	03043E	19		1021.0	1023.7	1.8	3.1	5.9	.7	5	33	-30	1	20	74
22820 PETROZAVODSK	6149N	03416E	110		1008.9	1022.8	.3	2.8	5.8	1.0	8	20	-24	1	14	56
22837 VYTEGRA	6101N	03627E	56		1016.2	1023.3	.2	2.8	5.5	.7	9	43	-16	2	16	62
26063 ST.PETERSBURG (VOEJKOVO)	5958N	03018E	6		1024.2	1025.0	2.8	2.7	6.2	.6	2	19	-36	1	23	85
26157 GDOV	5844N	02750E	40		1020.9	1026.0	2.4		6.9		3	25				
26275 STARAYA RUSSA	5801N	03119E	25		1023.8	1026.9	.8		6.0		4	30			16	45
26781 SMOLENSK	5445N	03204E	239		999.3	1029.5	-8	.1	7.6	2.1	6	18	-41		26	74
26997 TRUBCHEVSK	5235N	03346E	178		1007.7	1030.5	-1.7		4.8		3	7		1		
27037 VOLOGDA	5919N	03955E	130		1008.6	1025.2	-1.1	2.3	4.9	.3	8	25	-18	1	29	91
27051 TOT'MA	5953N	04245E	134		1006.4	1023.6	-2.2	2.1	4.7	.4	9	36	-11	3	26	100
27333 KOSTROMA	5744N	04047E	126		1010.6	1026.8	-1.6	1.4	4.7	.0	7	34	-18	1	52	163
27459 NIZHNIJ NOVGOROD	5616N	04400E	157		1007.4	1027.6	-2.2		4.4		6	43		2	75	
27595 KAZAN'	5536N	04917E	116		1012.1	1027.4	-2.6	.5	4.2	-2	5	20	-24	1	51	124
27612 MOSKVA	5550N	03737E	156		1009.1	1029.0	-6		4.9	-1	6	18	-39			
27648 ELAT'MA	5457N	04146E	136		1012.1	1029.5	-2.5	-3	4.4	-6	8	22	-34	1	74	190
27675 PORETSKOE	5511N	04620E	136		1011.0	1028.5	-3.4		3.9		2	11		1	65	185
27707 SUHINICHI	5406N	03521E	238		999.9	1030.2	-1.9		4.7		3					
27823 PAVELETS	5347N	03915E	209		1003.5	1030.3	-2.6	-7	4.3	-8	4	12	-33	1	86	183
27857 ZAMETCHINO	5329N	04238E	131		1013.7	1030.6	-3.3		4.3		2	5		0	92	
27995 SAMARA (BEZENCHUK)	5259N	04926E	46		1023.3	1029.6	-3.7		4.0		8	19		1	66	150
34110 BOGORODITSKOE-FENINO	5110N	03721E	226		1001.8	1030.6	-2.1		4.4		2	4		0	89	
34123 VORONEZ	5142N	03913E	149		1011.4	1030.4	-1.4		4.3		1	4		0		
34152 BALASHOV	5133N	04309E	159		1010.5	1030.9	-2.8		4.3		3	9		0		
34163 OKTJABR'SKIJ GORODOK	5138N	04527E	201		1004.9	1030.8	-3.7		4.1		2	9		0	105	202
34186 ERSHOV	5122N	04818E	111		1015.8	1030.2	-3.6		3.9		3	14		1	120	185
34579 VERHNIJ BASKUNCHAK	4813N	04644E	34		1025.2	1029.8	-4		4.0		1	8		1		
34720 TAGANROG	4712N	03854E	32		1023.2	1027.3	1.7		5.3		6	40			106	35
34740 GIGANT	4631N	04121E	79		1017.1	1027.0	.6		6.0		8	74		5	75	95

SURFACE

NOVEMBER 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.
34866 YASHKUL'	4611N	04521E	-7		1028.8	1028.0	1.8	-1.9	5.5	-1.3	4	19				
34880 ASTRAHAN'	4617N	04759E	-21		1031.0	1028.3	2.2	-1.0	5.4	-1.2	2	7		1		
34949 STAVROPOL'	4507N	04205E	452		970.0	1025.6	1.9		6.5		9	48		3	93	100
37001 ANAPA	4453N	03717E	32		1018.2	1022.1	6.0		7.6		5	47		3	13	
37061 BUDENNOVSK	4447N	04408E	136		1009.6	1026.6	2.6		6.3		8	68			67	
37107 KRASNAYA POLYANA	4341N	04012E	569		954.7	1022.1	7.7		8.6		11	213		2	133	160
37126 SHADZHATMAZ	4344N	04240E	2056		795.5	1521 Y	.7		3.8		01	1			172	55
37228 VLADIKAVKAZ	4303N	04439E	703		940.0	1024.5	3.8		5.8		2	71		0	154	
37470 DERBENT	4204N	04818E	-18		1027.2	1025.0	9.6		9.7		14	109		5	49	
37472 MAHACHKALA	4250N	04733E	32			1027.4	7.5	-5	8.3	-6	10	55	26	3	27	33
37663 AHTY	4128N	04745E	1015		905.7	1518 Y	4.6		6.2		1	3		1	149	90
ARMENIA																
37682 AMASIA	4047N	04350E	1876		815.6	1546 Y	1.6		6.4		6	34		3	108	80
37717 SEVAN OZERO	4034N	04500E	1917		811.0	1532 Y	3.0		5.9		9	39		4	116	70
37781 ARAGAC H/M	4029N	04411E	3223		689.0	3115 Z	-7.4		3.2		10	130		4	97	65
37789 YEREVAN/YEREVAN-ARABKIR	4008N	04428E	1140		894.1	1531 Y	7.9	1.4	8.2	1.2	6	26	4	3	102	74
AZERBAIJAN																
37661 SHAKI	4113N	04710E	641		949.3	1025.1	8.2	.7	8.1	1.4	11	74	19			
37735 GANDJA	4043N	04625E	311		987.3	1025.0	9.2	.9	9.1	1.6	3	12	-2		86	
37747 EVLAKH AIRPORT	4037N	04709E	15		1022.8	1024.6	10.2	.9	9.3	1.0	4	27	2		81	72
37860 MASHTAGA	4032N	05000E	28		1021.9	1025.3	11.1	1.3	10.2	1.7	9	2	-34	6	68	74
37936 NAXCIVAN	3912N	04525E	885		920.9	1024.2	7.6	1.1	8.2	2.8	6	17	-3			
37989 ASTARA	3827N	04853E	-22		1021.9	1025.3	21.9	11.2	10.1	-5	9	2	-165	6	68	67
BELARUS																
26554 VERHNEDVINSK	5549N	02757E	132		1011.0	1027.7	1.2		6.6		3	26		1		
26666 VITEBSK	5510N	03013E	176		1006.5	1028.8	-1	.0	5.9	.1	5	25	-31	1		
26825 GRODNO	5336N	02403E	134		1007.7	1026.4	2.8		7.2		4	19		1		
26850 MINSK	5356N	02738E	231		1000.2	1028.8	.7	-1	6.2	.2	4	31	-21	1	21	58
26863 MOGILEV	5357N	03004E	192		1004.6	1029.0	-7	-9	5.7	-2	7	26	-22	1		
26941 BARANOVICHI	5307N	02600E	193		1003.3	1027.7	1.6		6.6		4	18		1		
26951 SLUTSK	5302N	02733E	162		1007.9	1028.4	1.1		6.4		5	31		2		
33008 BREST	5207N	02341E	146		1008.4	1026.7	3.4	.7	7.1	.4	3	14	-33	1	69	150
33019 PINSK	5207N	02607E	142		1009.7	1027.6	2.2		7.0		4	17		1	50	110
33036 MOZYR	5157N	02910E	190		1005.1	1028.9	.5		5.9		3	16		1		
33038 VASILEVICHI	5215N	02950E	142		1011.4	1029.6	-6	-1.8	5.5	-6	3	15	-33	0	53	115
33041 GOMEL	5224N	03057E	126		1013.5	1029.6	-3	-1.2	5.4	-6	3	13	-32	1	55	125
ESTONIA																
26038 TALLINN	5923N	02435E	34		1020.3	1024.5	3.5	2.3	7.0	.9	6	28	-40	0	31	103
26214 VILSANDI	5823N	02149E	6		1023.5	1024.2	5.5	1.6	8.1	1.2	4	35	-38	0	26	65

SURFACE

NOVEMBER 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.
26242 TARTU	5818N	02644E	68		1016.9	1025.8	2.4	2.1	6.9	1.1	5	20	-28	0	22	71
GEORGIA																
37395 KUTAISI	4216N	04238E	114		1007.9		12.7		9.7		1	123		1		
37545 TBILISI	4145N	04446E	427		973.1	1024.5	9.0		8.8			77				
37621 BOLNISI	4127N	04433E	534		960.5	1024.7	7.6		7.6		5	80		1		
LATVIA																
26406 LIEPAJA	5629N	02101E	7		1024.4	1025.0	4.3	.6	7.7	.7						
26424 DOBELE	5637N	02319E	44		1020.5	1026.0	3.1		7.3		2	12				
26544 DAUGAVPILS	5552N	02637E	122		1015.1	1027.6	2.0	1.0	6.7	.6	2	16	-36		20	61
LITHUANIA																
26509 KLAIPEDA	5544N	02104E	7		1024.3	1025.3	4.4	.5	7.8	.7	5	21	-69		43	108
26524 SIAULIAI	5556N	02319E	107		1012.9	1026.4	3.0	1.2	7.3	.9	2	13	-45		24	57
26531 BIRZAI	5612N	02446E	62		1018.8	1026.6	2.4	.9	7.1	.9	3	22	-30		26	
26629 KAUNAS	5453N	02350E	77		1017.0	1026.7	2.8	1.0	7.4	.9	5	26	-27		25	61
26730 VILNIUS	5438N	02506E	162		1007.7	1027.4	2.1	.9	6.9	.6	4	17	-40		18	55
REPUBLIC OF MOLDOVA																
33748 CORNESTI	4720N	02805E	232		997.8	1026.9	2.5		7.3		8	60		4		
33815 CHISINAU	4701N	02859E	173		999.7	1020.1	13.3	8.9	8.8	1.8	1	2	-38	1	223	297
33829 TIRASPOL	4654N	02936E	40		1022.0	1027.2	2.6		6.5		5	31		3	59	80
33883 KOMRAT	4618N	02838E	133		1009.1	1026.1	3.1		7.0		6	41		4		
UKRAINE																
33177 VOLODYMYR-VOLYNS'KYI	5050N	02419E	194		1001.9	1026.2	3.0		7.1		4	14		1		
33213 OVRUCH	5119N	02847E	170		1007.1	1028.6	.8	-7	6.0		2	13	-37	1		
33275 SUMY	5051N	03440E	181		1006.9	1030.1	-1.2	-1.8	4.7		2	3	-49	0		
33301 RIVNE	5035N	02608E	231		998.1	1027.1	1.6	-5	6.7		2	10	-26	1		
33317 SHEPETIVKA	5010N	02702E	278		992.7	1027.4	1.4		6.4		3	19		1	62	120
33345 KIEV	5024N	03034E	167		1007.8	1029.0	.3	-1.8	5.6	-7	3	19	-32	1		
33377 LUBNY	5000N	03301E	158		1009.2	1029.3	-2	-1.6	5.1		3	23	-30	1		
33393 L'VIV	4949N	02357E	323		985.7	1025.5	3.4	.9	7.5	1.0	7	31	-15	2	84	150
33415 TERNOPIL'	4932N	02540E	329		986.0	1026.8	1.7	-1	6.7		6	28	-8	3		
33429 KHMEL'NYTS'KYI	4926N	02659E	350		983.7	1027.2	1.3	-7	6.6		7	26	-16	2		
33506 POLTAVA	4936N	03433E	160		1008.9	1029.2	-4	-1.9	5.1	-1.1	3	24	-25	1	88	149
33526 IVANO-FRANKIVS'K	4858N	02424E	280		991.4	1026.2	2.4	-2	7.4		8	39	2	3		
33562 VINNYTSIA	4914N	02836E	298		990.6	1027.9	.4	-1.5	6.0	-2	4	19	-22	1	56	97
33587 UMAN'	4846N	03014E	216		1001.1	1028.3	.2	-1.9	5.6	-9	5	50	7	4		
33631 UZHGOROD	4838N	02216E	124		1008.7	1023.3	6.5	1.9	7.9	.9	4	35	-23	2	126	200
33658 CHERNIVTSI	4822N	02554E	246		995.8	1026.5	2.5	-4	7.1	.6	8	51	15	4	50	74
33711 KIROVOHRAD	4831N	03212E	171		1006.5	1028.2	.1	-2.2	5.5		6	60	25	5		

SURFACE

NOVEMBER 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.
33761 LIUBASHIVKA	4751N	03016E	183		1004.4	1027.5	.5	-2.4	5.9		6	37	-5	3		
33777 VOZNESENS'K	4734N	03120E	34		1023.0	1027.2	2.0		6.2		6	36		3		
33791 KRYVYI RIH	4802N	03313E	124		1011.9	1027.4	.8	-2.1	5.5		5	42	7	4	70	115
33837 ODESA	4626N	03046E	42		1021.0	1026.3	4.4	-1.4	7.4	-5	6	27	-15	2	35	45
33889 IZMAIL	4522N	02851E	30		1021.6	1025.4	4.7	-1.0	7.4	-3	3	39	2	4	42	45
33902 KHERSON	4638N	03234E	54		1019.5	1026.3	2.7	-1.7	.4		7	31	-5	2	77	110
33915 ASKANIJA-NOVA	4627N	03353E	30		1021.9	1025.6	2.9	-1.5	6.3	-1.2	5	37	3	4	79	105
34300 KHARKIV	4958N	03608E	155		1010.1	1029.8	-6	-1.9	4.6	-1.5	2	21	-23	2	111	236
34415 IZIUM	4911N	03718E	78		1019.3	1029.3	-5		4.8		3	22		2		
34504 DNIPROPETROVS'K	4836N	03458E	143		1009.4	1027.9	.6	-1.9	5.3		4	37	-5	3	86	175
34607 PRYSHYB	4716N	03520E	88		1015.8	1026.9	1.7		5.8		2	31		2		
34712 MARIUPOL'	4702N	03730E	70		1017.7	1026.5	2.0		6.0		2	31		2		
ISRAEL																
40153 HAR-KNAAN (ZEFAT)	3258N	03530E	934		910.4	1511 Y	13.4		10.2		7	45		3		
40179 BET DAGAN	3200N	03449E	35		1011.6	1015.2	18.9	1.3	14.8		7	67	-5	3	196	84
40180 BEN-GURION INT. AIRPORT	3200N	03454E	49		1011.0	1015.9	19.4		14.3		6	56		3		
40199 EILAT	2933N	03457E	12		1012.2	1014.7	22.9	1.8	12.9		1	2	-2	4		
JORDAN																
40296 GHOR SAFI	3102N	03528E	-350		1062.2		22.8				1	5			206	115
40310 MA'AN	3010N	03547E	1069		895.4	1503 Y	13.9	.4	10.6	2.4	4	6	2	4	209	85
ASIA																
RUSSIAN FEDERATION (ASIA)																
20046 POLARGMO IM. E.T. KRENKELJA	8037N	05803E	22		1009.4	1012.3	-11.5	8.1	2.2	.8	14	36	11	0		
20069 OSTROV VIZE	7930N	07659E	10		1008.4	1010.3	-14.0	6.8	2.0	.7	8	24	11	5		
20087 OSTROV GOLOMJIANNYJ	7933N	09037E	8		1008.8	1009.9	-16.0		1.4		3	10		3		
20292 GMO IM.E.K. FEDOROVA	7743N	10410E	15		1008.0	1009.8	-18.3	4.4	1.3	.3	9	30	17			
20476 MYS STERLEGOVA	7525N	08854E	11		1006.9	1008.3	-18.4		1.4		12	55				
20667 IM. M.V. POPOVA	7320N	07003E	7		1008.8	1009.6	-12.4		2.5		4	15			0	
20674 OSTROV DIKSON	7330N	08024E	47		1001.4	1007.6	-15.9	3.0	.2	-1.3	11	54	32	6		
20744 MALYE KARMAKULY	7222N	05242E	15		1009.0	1010.9	-5.4	3.1	3.8	.9	9	42	11		0	
20891 HATANGA	7159N	10220E	33		1006.1	1010.7	-25.0	1.4	.8	.0	7	17	-3	3	4	
21802 SASKYLAH	7158N	11400E	18		1012.1	1014.3	-30.4		.5		6	12			0	
21908 DZALINDA	7008N	11350E	62		1007.1	1016.0	-31.7		.5		0	0			0	
21921 KJUSJUR	7041N	12720E	33		1014.8	1019.3	-25.0				4	7				
21931 JUBILEJNAJA	7046N	13610E	24		1018.0	1021.4	-24.7		.1		1	9			0	
21946 CHOKURDAH	7037N	14750E	61		1014.9	1023.3	-22.5	4.4	1.2	.5		5	-12		0	
21982 OSTROV VRANGELJA	7059N	17820E	5		1015.0	1017.8	-9.1	5.8	2.8	1.0	4	14	-2		2	
23022 AMDERMA	6945N	06142E	49		1004.0	1010.5	-8.2		3.5		12	44			5	

SURFACE

NOVEMBER 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.
23032 MARESALE	6943N	06648E	25		1007.1	1010.5	-11.4		3.0		11	39			7	
23058 ANTIPAJUTA	6905N	07651E	3		1009.1	1009.6	-17.2		1.8		11	37				
23078 NORIL'SK	6934N	08826E	60		1001.3	1010.1	-20.8		1.1		12	45		3	0	
23205 NAR'JAN-MAR	6738N	05302E	12		1012.0	1013.4	-8.5	1.2	3.5	.4	15	67	30	5	9	
23242 NOVYJ PORT	6741N	07253E	12		1009.4	1011.0	-14.6		2.3		9	24			10	
23256 TAZOVSKOE	6728N	07844E	8		1006.4	1010.1	-17.0		1.8		6	37			27	
23274 IGARKA	6728N	08634E	31		1006.9	1010.8	-21.2		1.3		16	63		5	16	
23324 PETRUN'	6626N	06046E	62		1006.5	1014.7	-11.6		2.7		15	54		4	11	
23330 SALEHARD	6632N	06640E	16		1010.9	1013.1	-13.3	2.2	2.3	.3	11	37	10		16	
23405 UST'-CIL'MA	6526N	05216E	68		1005.8	1016.1	-7.8	1.1	3.7	.4	20	69	24	5	12	
23445 NADYM	6528N	07240E	19		1009.8	1011.7	-15.9		2.0		16	66				
23472 TURUHANSK	6547N	08756E	38		1006.3	1012.0	-19.6	-1.0	1.4	-.2	17	69	23	5	45	
23552 TARKO-SALE	6455N	07749E	27		1008.6	1012.2	-16.4	-.2	2.0	.0	15	62	23	6	6	
23631 BEREZOVO	6356N	06503E	32		1010.7	1015.0	-13.1	-.1	2.5	.1	12	41	2	5	19	
23662 TOL'KA	6359N	08205E	33		1008.3	1013.0	-17.6		1.6		13	46			14	
23678 VERHNEIMBATSK	6309N	08757E	46		1008.1	1014.2	-17.4		1.5		13	57		3		
23711 TROICKO-PECHERSKOE	6242N	05612E	139		1000.6	1018.3	-8.0	.7	3.4	.1	13	76	19	4	19	
23724 NJAKSIMVOL'	6226N	06052E	51		1010.2	1017.1	-11.6	-.4	2.7	.1	11	45	5		39	
23734 OKTJABR'SKOE	6227N	06603E	72		1006.1	1015.9	-13.5		2.1		14	57			28	
23867 LAR' YAK	6106N	08015E	57		1007.7	1015.1	-14.9		1.9		17	55			35	
23884 BOR	6136N	09001E	58		1007.9	1015.7	-15.7	-1.1	1.7	-.5	16	53	-6	2	26	81
23891 BAJKIT	6140N	09622E	262		984.5	1018.2	-21.2	-2.3	1.2	-.4	12	49	0	3	33	75
23914 CHERDYN'	6024N	05631E	207		994.0	1020.6	-6.9	.5	3.6	.1	16	63	-10	2	15	42
23921 IVDEL'	6041N	06027E	95		1006.2	1018.6	-10.0	-.8	2.6	-.2	8	32	2	3	65	116
23933 HANTY-MANSIJSK	6101N	06902E	46		1010.2	1016.1	-13.1	-2.5	2.3	-.6	14	56	15		29	66
23955 ALEKSANDROVSKOE	6026N	07752E	48		1009.2	1015.7	-13.6	-1.8	2.1	-.5	14	41	6		45	82
23966 VANZIL'-KYNAK	6021N	08405E	99		1002.7	1016.1	-15.6		1.9		16	61			30	75
23986 SEVERO-ENISEJSK	6023N	09320E	519		951.0	1017.6	-16.5		1.6		13	49		5		
24125 OLENEK	6830N	11220E	220		986.1	1016.8	-29.2	-.7	.6	.0	4	16	-2			
24136 SUHANA	6837N	11820E	77		1008.3	1019.3	-31.3		.4		3	10			18	
24143 DZARDZAN	6844N	12400E	39		1014.2	1019.6	-27.5	2.7	.7	.2	2	5	-14			
24266 VERHOJANSK	6733N	13320E	137		1004.1	1023.7	-30.9	5.8	.5	.2	1	4	-6		27	
24329 SHELAGONTSY	6615N	11410E	236		986.7	1019.7	-28.4	2.8	.8	.2	1	12	-4		51	
24343 ZHIGANSK	6646N	12320E	92		1007.5	1020.6	-26.8	3.0	.8	.3	7	19	2		21	
24382 UST'-MOMA	6627N	14310E	196		997.4	1025.0	-28.9		.6		1	6			51	
24507 TURA	6416N	10010E	168		990.6	1016.9	-24.2	.8	1.0	.0	11	26	0	4	31	
24606 KISLOKAN	6335N	10350E	211		988.4	1017.6	-25.3		1.0		8	24		4	50	
24641 VILJUJSK	6346N	12130E	111		1005.7	1021.2	-23.7	3.5	.9	.1	4	15	-3		24	
24661 SEGEN-KYUEL'	6400N	13010E	208		992.8	1021.7	-25.1		.1		12	35				
24671 TOMPO	6357N	13550E	402		969.3	1025.0	-27.8		.2		5	20			23	
24688 OJMJAKON	6315N	14300E	741		928.5	1030.0	-30.9	6.3	.5	.2	5	10	-1		75	
24713 NAKANNO	6253N	10820E	246		983.8	1018.6	-23.0		1.2		9	17			54	
24738 SUNTAR	6209N	11730E	133		1002.2	1021.1	-22.8	.9	1.1	.0	6	16	-2		45	
24790 SUSUMAN	6247N	14810E	655		938.0	1027.5	-29.4		.6		5	13			73	
24817 ERBOGACEN	6116N	10800E	291		981.1	1019.3	-20.8	.3	1.3	.0	10	24	-1		58	100
24908 VANAVARA	6020N	10210E	260		984.3	1019.5	-20.1	-1.2	1.5	-.1	15	32	-2	3	58	94

SURFACE

NOVEMBER 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.
24959 JAKUTSK	6201N	12940E	101		1007.7	1019.5	-23.2	6.0	1.0	.4	5	16	1		72	
24966 UST'-MAJYA	6023N	13420E	170		997.9	1021.0	-20.7	7.6	1.2	.5	8	21	1		66	88
24967 TEGYULTYA	6028N	13000E	171		1000.1	1023.0	-24.7		.9		9	24				
25062 MYS BILLINGSA	6953N	17540E	3		1019.3	1019.7	-15.2		1.9		10	24				
25138 OSTROVNOE	6807N	16410E	94		1009.6	1022.9	-25.9		.7		3	9			0	
25206 SREDNE-KOLYMSK	6727N	15340E	21		1018.3	1022.7	-24.2		.8		4	10				
25248 ILIRNEJ	6715N	16750E	353		975.6	1024.6	-27.0	1.4	.7	.0	6	15	-6		0	
25282 MYS VANKAREM	6750N	17050W	5		1012.7	1013.3	-8.9		2.8		7	17			0	
25356 EN' MUVEEM	6623N	17320E	77		1007.2	1017.6	-17.3		1.4		6	15				
25378 EGVEKINOT	6621N	17900W	26		1009.7	1012.6	-6.0		2.7		4	36				
25399 MYS UELEN	6610N	16950W	3		1007.0	1007.9	-1.8	7.4	4.5	1.6	7	20	-23		9	
25400 ZYRYANKA	6544N	15050E	43		1017.2	1023.3	-24.4	3.9	.8	.2	3	9	-12		36	
25428 OMOLON	6514N	16030E	264		987.1	1023.2	-26.4		.7		3	7			41	
25503 KORKODON	6445N	15350E	98		1009.8	1023.8	-25.3		.8		5	15			51	
25551 MARKOVO	6441N	17020E	26		1014.3	1017.6	-21.2	-1.1	1.3	-1.1	5	23	-19		71	
25563 ANADYR'	6447N	17730E	61		1005.2	1013.2	-13.3	1.9	2.2	.2	12	47	20		41	
25705 SREDNIKAN	6227N	15210E	260		987.2	1023.2	-24.4		.9		11	47			38	
25745 KAMENSKOE	6228N	16612E	40		1011.5	1017.0	-20.5		1.2		5	23			57	
25927 BROHOVO	5939N	15410E	5		1011.6	1012.3	-6.6		3.4		16	97		0	66	
28009 KIRS	5922N	05213E	169		1000.8	1022.5	-4.8		4.0		11	34		2		
28064 LEUSI	5937N	06543E	72		1008.3	1017.5	-9.8	-1.3	2.9	-2	10	34	-1	5	22	39
28138 BISER	5831N	05851E	463		962.7	1021.7	-8.5	-1	3.2	.0	16	60	-15	2	34	77
28224 PERM'	5801N	05618E	171		1000.7	1022.7	-4.9		3.6		16	63			37	110
28275 TOBOL'SK	5809N	06815E	50		1011.6	1018.0	-8.3	.0	3.1	-1	18	58	23	5	51	85
28418 SARAPUL	5628N	05344E	133		1007.8	1024.9	-3.7		3.9		11	40		2	61	150
28434 KRASNOUFIMSK	5639N	05747E	206		997.3	1023.8	-5.2	.8	3.7	.1	12	34	-9	2	54	120
28493 TARA	5654N	07423E	73		1008.8	1018.3	-8.6	-1	2.9	-1	16	67	38	6	54	83
28552 SADRINSK	5604N	06339E	89		1010.0	1021.5	-4.9	1.0	3.3	-2	8	25	-3	3	62	84
28573 ISHIM	5606N	06926E	82		1009.1	1019.8	-6.6		3.3		11	40			70	
28666 MAKUSINO	5515N	06718E	140		1002.8	1020.8	-5.9		3.3		8	39		5	78	95
28698 OMSK	5501N	07323E	122		1004.7	1020.5	-6.8	.7	3.4	.1	10	51	23		52	73
28704 CULPANOVO	5430N	05025E	78		1018.0	1028.0	-4.2		3.8		5	14		1	79	180
28722 UFA-DIOMA	5443N	05550E	104		1012.8	1026.4	-4.6	-4	3.6	-5	10	35	-19		67	134
28748 TROIJK	5405N	06137E	192		999.4	1024.1	-4.9		3.1		5	22		2	92	
29111 SREDNY VASJUGAN	5913N	07814E	69		1007.4	1016.6	-13.0		2.2		17	74			40	
29231 KOLPASEVO	5819N	08257E	75		1007.5	1017.6	-12.5	-2.0	2.3	-5	17	70	35		41	73
29263 ENISEJSK	5827N	09209E	79		1008.0	1019.0	-12.1	-1.0	2.4	-1	17	57	12	5	49	111
29282 BOGUCANY	5823N	09727E	133		1002.3	1019.9	-11.8	.3	2.2	.0	9	37	12	5	41	95
29313 PUDINO	5732N	07922E	97		1005.4	1018.2	-11.5		2.5		15	71			56	
29328 BAKCHAR	5705N	08155E	110		1004.6	1019.0	-10.7		2.6		18	57			48	
29379 TASEEVO	5712N	09433E	168		999.6	1022.0	-12.2		2.5		10	32				
29571 MININO	5606N	09273E	234		991.5	1022.0	-8.9		2.8		12	33		5	47	85
29594 TAJSHET	5557N	09800E	307		983.1	1022.8	-9.2		2.5		11	37			38	
29612 BARABINSK	5520N	07822E	120		1004.9	1020.5	-8.3	-1	3.0	-2	18	50	21		59	81
29645 KEMEROVO CGMS	5515N	08613E	148		1003.6	1023.0	-9.0		3.0		17	79			35	
29752 NENASTNAYA	5445N	08849E	1183		877.3		-12.7		2.2		27	289		5	31	45

SURFACE

NOVEMBER 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.
29789 VERHNJAJA GUTARA	5413N	09658E	984		902.5	1024.2	-10.4		2.2		2	7			52	
29866 MINUSINSK	5342N	09142E	254		992.5	1025.1	-5.5	2.4	3.0	.2	3	15	3	4	54	98
29939 BIJSK ZONAL'NAYA	5241N	08457E	228		997.8	1026.9	-6.5		3.2		13	70		5		
30054 VITIM	5927N	11230E	190		996.4	1022.0	-18.0	-2	1.6	-1	11	37	0		47	112
30089 DZHIKIMDA	5901N	12140E	175		1000.4	1024.6	-23.5		1.1		6	17				
30230 KIRENSK	5746N	10800E	259		988.1	1022.2	-15.1	.7	1.8	-1	13	32	5		60	107
30252 MAMAKAN	5749N	11410E	249		991.9	1025.3	-19.0		1.4		10	34			49	
30309 BRATSK	5617N	10140E	416		969.0	1022.4	-9.3	.3	2.6	-1	11	30	9		34	61
30372 CHARA	5654N	11810E	711		932.5	1026.4	-22.2	-1.0	.9	-2	2	9	4	5	112	112
30385 UST'-NJUKZHA	5635N	12120E	426		966.5	1025.8	-21.2		1.0		4	15			92	35
30433 NIZHNEANGARSK	5547N	10930E	487		961.3	1023.1	-11.7	-.7	1.9	.0	5	18	-2	3	60	78
30521 ZHIGALOVO	5448N	10510E	426		970.8	1025.5	-13.3	1.4	1.8	-2	7	18	1		54	76
30554 BAGDARIN	5428N	11330E	903		909.5	1025.1	-18.1	.0	1.6	.4	3	16	11	5	111	90
30612 BALAGANSK	5400N	10300E	427		970.0	1024.9	-9.5		2.3		2	7			95	
30636 BARGUZIN	5337N	10930E	489		960.6	1023.2	-10.4		2.3		16	40		4	57	73
30650 ROMANOVKA	5312N	11240E	923		907.9	1023.9	-14.3		1.7		2	10		4		
30673 MOGOCHA	5345N	11940E	625		942.2	1023.9	-17.9	.9	1.2	.0	4	18	10	6	137	103
30710 IRKUTSK	5216N	10410E	469		965.4	1025.3	-8.4	.0	2.5	-3	4	15	-3		96	103
30758 CHITA	5205N	11320E	671		938.3	1023.2	-10.7	3.1	1.9	.2	1	3	-2	2	146	109
30777 SRETENSK	5214N	11740E	525		955.2	1023.2	-13.7		1.7		2	10		4	163	113
30844 HILOK	5121N	11020E	802		924.6	1026.0	-12.2		1.7		1	2		1		
30879 NERCHINSKIJ ZAVOD	5119N	11930E	619		943.6	1022.8	-12.5	2.2	1.8	.2	1	3	-5	1	169	120
30925 KJAHTA	5022N	10620E	797		926.5	1026.4	-9.3		2.0		1	4		2	170	120
30935 KRASNYY CHIKOJ	5022N	10840E	771		930.1	1028.1	-12.9		1.8			2		0	166	130
30949 KYRA	4934N	11150E	908		912.6	1026.0	-11.0	.5	1.7	-1	0	T	-3	1	190	110
30965 BORZYA	5024N	11630E	676		938.0	1023.9	-11.7	2.2	1.8	.1	2	2	-2	2	190	118
31004 ALDAN	5837N	12520E	679		934.3	1023.1	-19.4	-.3	1.3	.0	8	40	3		85	116
31088 OHOTSK	5922N	14310E	6		1012.8	1013.5	-9.7	4.9	2.2	.8	6	39	15	4	086	092
31137 TOKO	5617N	13100E	850		913.1	1024.5	-21.8		1.1		3	24				
31152 NEL' KAN	5739N	13600E	318		978.5	1021.4	-20.1		1.3		8	31			54	
31168 AYAN	5627N	13800E	8		1013.7	1014.8	-7.7	3.0	2.5	.9	9	83	49		83	78
31174 BOL'SHOJ SHANTAR	5450N	13730E	21		1013.5	1014.7	-5.6		3.4		15	104			45	60
31253 BOMNAK	5443N	12850E	357		972.7	1020.6	-15.2	4.8	1.8	.4	6	19	0	2	107	98
31329 EKIMCHAN	5304N	13250E	542		950.8	1020.5	-13.6	5.0	2.1	.6	4	21	-2	1	91	81
31369 NIKOLAEVSK-NA-AMURE	5309N	14040E	68		1008.3	1014.3	-7.9	2.4	3.1	.8	10	70	20			
31416 IM POLINY OSIPENKO	5225N	13630E	73		1006.4	1015.2	-9.2	4.4	2.7	.9	8	49	30		132	99
31439 BOGORODSKOE	5223N	14020E	35		1010.2	1014.8	-7.0		3.1		7	24				
31478 SOFIJSKIJ PRIISK	5216N	13350E	902		906.8	1021.2	-16.1		1.8		8	34		6		
31707 EKATERINO-NIKOL'SKOE	4744N	13050E	73		1011.4	1020.8	-6.7	1.3	2.9	.5	2	16	1		162	95
31770 SOVETSKAYA GAVAN'	5100N	13950E	238		1013.2	1016.3	-2.5		3.5		2	56			153	105
31873 DAL'NERECHENSK	4552N	13340E	101		1009.0	1022.0	-3.4		3.4		4	25				
31960 VLADIVOSTOK	4307N	13150E	183		998.7	1022.4	1.1	2.4	4.2	.1	5	58	20		189	113
31961 TIMIRYAZEVSKIJ	4353N	13150E	37		1018.6	1023.3	-.8		4.0		3	37		4	186	110
31989 PREOBRAZHENIE	4254N	13350E	43		1015.8	1021.1	3.2		3.9		2	34		3		
32027 POGIBI	5213N	14130E	6		1013.1	1014.0	-4.5		3.9		8	36			121	
32061 ALEKSANDROVSK-SAHALINSKIJ	5054N	14210E	31		1010.9	1014.8	-1.9	2.9	4.1	.9	13	56	5	3	77	99

SURFACE

NOVEMBER 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.
32076 POGRANICHNOE	5024N	14340E	8		1013.1	1014.2	-22.7		3.8		3	66		4	133	
32098 PORONAJSK	4913N	14300E	8		1014.5	1015.5	-2.1	2.6	4.0	.6	6	49	-1	3	156	116
32099 MYS TERPENIYA	4839N	14440E	6		1013.9	1014.8	1.5		4.9		8	45			126	45
32150 JUZHNO-SAHALINSK	4657N	14240E	24		1013.6	1016.6	-4	1.6	4.6	.2	5	34	-47	0	146	126
32165 JUZHNO-KURIL'SK	4401N	14550E	49		1011.5	1017.5	6.2	2.1	7.6	1.3	11	86	-21	2	124	100
32213 MYS LOPATKA	5052N	15640E	47		1003.7	1010.0	2.5		5.5		15	69		2	67	95
32252 UST'-VOYAMPOLKA	5830N	15910E	7		1009.2	1010.1	-6.8	.5	3.3	.0	10	38	-21	1	52	108
32287 UST'-HAJRJUZOVO	5705N	15640E	8		1008.0	1009.1	-3.0		3.7		10	37		1	61	120
32389 KLJUCHI	5619N	16050E	29		1006.8	1010.5	-4.3	2.9	3.4	.4	11	71	8	4	72	87
32477 SOBOLEVO	5418N	15550E	14		1006.1	1009.3	-2.6		4.2		18	165			55	85
32509 SEMYACHIK	5407N	15950E	27		1005.6	1009.0	.0		4.0		10	130		3	100	80
32618 OSTROV BERINGA	5512N	16550E	18		1006.2	1008.4	1.8	1.4	5.5	.3	16	54	-21	2	52	90
35011 SOROCHINSK	5226N	05308E	123		1012.8	1028.9	-4.5		4.0		6	21		2		
36038 ZMEINOGORSK	5109N	08212E	355		983.5	1029.1	-6.3		3.0		17	126			49	
36064 YAJLJU	5146N	08736E	480		966.9	1027.5	-4.0		3.1		8	28		0	55	
36096 KYZYL	5143N	09430E	628		950.1	1030.9	-11.0		2.0		2	9		3	79	85
36229 UST'-KOKSA	5017N	08537E	978		910.4	1032.4	-10.7		2.2		9	58			84	
36259 KOSH-AGACH	5001N	08841E	1759		822.8	1511 Y	-14.0		1.5		1	3			123	
36307 ERZIN	5016N	09507E	1101		895.9	1502 Y	-12.4		.1		4	10		0		
KYRGYZSTAN																
36974 NARYN	4126N	07600E	2041		801.5	1560 Y	-3.4	.1	3.3	.4	3	11	1	3		
36982 TIAN-SHAN'	4153N	07814E	3639		653.6		-11.9		1.6		2	6		3		
38345 TALAS	4231N	07213E	1218		884.6	1535 Y	-.3		.5		6	31		4		
38353 BISHKEK	4251N	07432E	760		938.0	1029.6	.8	-3.0	4.9	-6	8	50	6	4	137	95
38616 KARA-SUU	4042N	07254E	868		925.3	1027.8	4.4		6.7		8	72				
TAJIKISTAN																
38715 SHAHRISTANSKIY PEREVAL	3934N	06835E	3143		696.2		-4.3				5	310		0		
38725 MADRUSHKAT	3926N	06940E	2234		782.0	1505 Y	2.6		4.4		3	6		0		
38734 DEHAVZ	3927N	07012E	2561		750.8	1026.4	-1.0		3.5		6	22		6		
38744 LAHSH	3917N	07152E	1198		806.0	1575 Y	1.0		46.5		10	52			88	25
38851 RASHT	3900N	07018E	1316		878.5	1600 Y	5.4		7.1		14	65				
38878 MURGAB	3810N	07358E	3576		657.0	3080 Z	-7.1		2.2			0			98	
38944 PARKHAR	3729N	06923E	448		965.7	1019.0	9.9		10.4		6	41		0		
38954 KHOROG	3730N	07130E	2077		798.4	1570 Y	3.3		.5			37		1	82	57
TURKMENISTAN																
38388 EKEZHE	4102N	05746E	62		1020.2	1027.4	3.6		4.0		3	12			188	
38392 DASHOGUZ	4150N	05959E	87		1017.0	1027.6	3.0		4.4		3	10			193	
38507 TURKMENBASHI	4003N	05300E	82		1015.1	1025.5	7.8	-1.5	6.6	-1.4	1	1	-15		137	85
38511 CHAGYL	4047N	05520E	115		1012.6	1027.0	5.0		5.1		1	3			165	
38545 DARGANATA	4028N	06217E	142		1009.4	1027.2	4.2		.5		3	8			157	
38656 ERBENT	3919N	05836E	87		1015.8	1026.9	6.8	-1.7	5.7	-7	3	16	6			

SURFACE

NOVEMBER 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.
38687 CHARDZHEV	3905N	06336E	190		1003.2	1027.1	6.2	-1.9	6.0	-8	5	23	13		154	80
38750 ESENGYLY	3728N	05338E	-22		1027.2	1024.3	11.6	.2	8.9	-1.3	2	2	-22		141	78
38763 GYZYLARBAT	3859N	05617E	92		1014.9	1025.5	7.8	-1.0	6.8	-9	3	11	-7		161	93
38880 ASHGABAT KESHI	3755N	05808E	312		987.8	1025.7	7.8	-1.9	7.3	-5	7	29	9		134	85
38895 BAJRAMALY	3736N	06211E	240		997.5	1026.7	8.4	-1.3	7.6	1.4	5	25	11		144	78
38915 KOYTENDAG	3731N	06601E	265		993.7	1026.0	10.0	-.7	7.5	.0	5	28	19			
38974 SARAGT	3632N	06113E	275		992.0	1025.5	9.7	-1.2	7.9	1.3	16	15	3		175	92
UZBEKISTAN																
38178 AK-BAJTAL	4309N	06420E	234		1003.3	1026.8	.6	-2.8	3.0	-2.3	3	20	9	5	146	92
38262 CHIMBAJ	4257N	05949E	66		1020.2	1028.6	1.2	-2.3	4.1	-1.3	2	12	1	4	194	129
38396 URGENAU	4134N	06034E	101		1015.4	1028.2	2.7		4.6		4	28		6		
38403 BUZAUBAJ	4145N	06228E	98		1013.2	1025.5	2.8				1	2		2		
38413 TAMDY	4144N	06437E	237		997.8	1029.2	3.3	-2.5	4.4	-1.1	4	13	4	4		
38457 TASHKENT	4116N	06916E	488		967.7	1026.7	6.3	-1.5	6.2	-4	7	60	15	4	141	95
38611 NAMANGAN	4059N	07135E	474		970.6	1028.2	5.9		6.4		3	9		3	123	80
38618 FERGANA	4022N	07145E	577		956.7	1026.1	5.9	-.6	7.5	.4	6	18	4	4	89	59
38683 BUHARA	3943N	06437E	226		998.3	1026.3	5.4				5	25		5		
38696 SAMARKAND	3934N	06657E	724		940.0	1026.0	6.4	-1.1	6.9	.3	5	25	-3	3	126	73
38812 KARSHI	3848N	06543E	376		979.4	1025.0	7.4		7.3		8	30		4		
38927 TERMEZ	3714N	06716E	310		988.0	1025.6	9.6	-.4	8.2	.7	6	18	9	4	160	82
SAUDI ARABIA																
40356 TURAIF	3141N	03844E	855		919.9	1509 Y	13.5		12.7		6	58			156	
40357 ARAR	3054N	04108E	555		953.5	1016.8	15.3		16.7		9	125				
40360 GURIAT	3124N	03717E	509		957.6	1016.2	15.3		11.7		2	28				
40361 AL-JOUF	2947N	04006E	689		940.3	1016.6	16.4		13.3		13	130				
40362 RAFHA	2937N	04329E	449		965.7	1016.4	19.2		14.1		11	88				
40373 AL-QAISUMAH	2819N	04608E	358		976.4	1017.9	18.0		16.1		9	149				
40375 TABUK	2823N	03636E	778		927.8	1014.1	17.8		9.6			13			232	
40394 HAIL	2726N	04141E	1015		904.4	1526 Y	16.6		12.9		7	33			196	
40400 AL-WEJH	2612N	03629E	24		1010.3	1012.6	24.8		19.0		3	65			226	
40401 ALULA	2629N	03807E	624		945.8	1014.7	20.7		11.6		2	6				
40405 GASSIM	2618N	04346E	648		942.7	1016.0	17.9		18.8		12	153				
40417 K.F.I.A. (KING FAHAD INT. AI	2627N	04949E	22		1015.2	1016.7	22.9		17.5		6	78				
40420 AL-AHSA	2518N	04929E	179		995.6	1016.1	22.7		1.5			20				
40430 AL-MADINAH	2433N	03942E	654		941.7	1012.6	22.6	-.8	12.3	5.0		4	-5	6	202	
40437 KING KHALED INT. AIRPORT	2456N	04643E	614		947.5	1017.0	20.3		13.9		8	40			172	
40439 YENBO	2408N	03804E	10		1010.7	1012.5	25.3		19.4		5	58			251	
41024 JEDDAH (KING ABDUL AZIZ INT.	2142N	03911E	17		1011.3	1013.1	27.6	.6	19.6	-2.6	8	71	60			
41036 AL-TAIF	2129N	04033E	1478		857.2	1522 Y	18.9	.3	14.1	5.1	7	54	33		228	
41055 AL-BAHA	2018N	04139E	1672		837.6	1524 Y	18.8		16.6		7	33			239	
41061 WADI AL-DAWASSER AIRPORT	2030N	04515E	629		943.0	1012.8	24.7		13.3		0	0			248	
41084 BISHA	1959N	04238E	1167		886.6	1525 Y	21.9		15.7		1	7			237	
41112 ABHA	1814N	04239E	2093		796.5	1531 Y	16.5		11.2		0	T			250	

SURFACE

NOVEMBER 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.
41114 KHAMIS MUSHAIT	1818N	04248E	2066		799.6	1525 Y	17.9		11.6		1	2			221	
41128 NAJRAN	1737N	04425E	1214		882.0	1531 Y	23.0		10.7			T			233	
41136 SHARORAH	1728N	04706E	725		932.9	1012.6	25.2		9.8		0	0			287	
41140 GIZAN	1653N	04235E	7		1011.1	1011.8	30.0		28.0		0	0				
KUWAIT																
40582 KUWAIT INTERNATIONAL AIRPORT	2913N	04758E	47		1012.4	1017.7	20.1	.2			14	262	249		148	69
IRAN, ISLAMIC REPUBLIC OF																
40706 TABRIZ	3805N	04617E	1367		868.9	1022.1	7.6	1.1	6.7	.6	4	10	-18		126	72
40712 ORUMIEH	3732N	04505E	1316		871.3	1021.8	6.3	.2	7.4	.9	9	52	15		104	63
40718 ANZALI	3728N	04928E	-26		1026.4	1023.5	13.8	.3	14.1	.4	14	425	159		62	61
40745 MASHHAD	3616N	05938E	999		908.8	1024.1	8.5	.8	7.4	.9	3	20	5		140	74
40754 TEHRAN-MEHRABAD	3541N	05119E	1204		886.7	1020.6	10.9	-2	7.5	1.5	13	68	48		138	68
40766 KERMANSHAH	3416N	04707E	1322		872.2	1019.7	9.8	.9	8.1	1.6	12	126	72		113	60
40800 ESFAHAN	3228N	05140E	1550		849.1	1019.6	10.0	.1	7.1	1.5	5	39	30		174	77
40831 ABADAN	3022N	04815E	6		1016.7	1017.5	20.1	.6	17.2	4.6	9	76	56		170	84
40841 KERMAN	3015N	05658E	1754		828.8	1018.8	11.0	.2	5.0	.6	0	T	-5		237	100
40848 SHIRAZ	2932N	05232E	1481		856.0	1018.9	11.6	-.1	8.8	2.6	10	69	49		172	72
40856 ZAHEDAN	2928N	06053E	1370		867.9	1019.0	13.0	1.1	5.5	.3	0	T	-3		251	102
BAHRAIN																
41150 BAHRAIN (INT. AIRPORT)	2616N	05039E	2		1016.5	1016.7	24.9	.4	22.3	.7	3	29	26	5	221	85
UNITED ARAB EMIRATES																
41217 ABU DHABI INTER. AIRPORT	2426N	05439E	27		1012.8	1015.6	26.3	2.3	18.9	.0	0	0	-1	4	249	85
OMAN																
41241 KHASAB AIRPORT	2610N	05614E	29		1012.3	1012.6	26.6		16.4		2	25		0		
41242 DIBA	2537N	05615E	10		1015.0	1017.6	25.4		19.8		1	18		0		
41244 BURAIMI	2414N	05547E	372		972.7	1016.6	25.6		14.6		0	0		0		
41246 SOHAR MAJIS	2428N	05638E	2		1015.5	1015.8	26.1		21.8		0	0		0		
41252 IBRI	2325N	05631E	327		978.5	1016.7	26.4		14.9		1	17		0		
41253 RUSTAQ	2324N	05725E	322		979.1	1017.2	25.4		18.2		0	0		0		
41254 SAIQ	2304N	05738E	1986		808.2	1028.1	15.2		9.2		3	26		0		
41255 NIZWA	2251N	05732E	462		963.3	1017.6	26.2		13.8		0	0		0		
41256 SEEB, INT'L AIRPORT	2335N	05817E	15		1015.0	1015.4	26.6		21.9		1	14		0	286	
41257 SAMAIL	2318N	05756E	417		967.0	1017.7	25.6		16.0		1	2		0		
41258 MINA SULTAN QABOOS	2337N	05834E	3		1014.8	1015.0	27.2		22.5		0	0		0		
41262 FAHUD	2220N	05629E	168		995.3	1015.5	27.2		15.1		9	259		0		
41263 BAHLA	2259N	05718E	592		957.3	1017.6	26.1		13.7		1	2		0		
41264 ADAM AIRPORT	2223N	05731E	328		977.9	1016.6	26.5		14.5		0	0		0		
41265 IBRA	2244N	05830E	469		957.1	1017.7	25.8		14.3		1	1		0		

SURFACE

NOVEMBER 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.
41268 SUR	2232N	05928E	14		1010.5	1015.3	26.9		20.4		1	1		0		
41270 RAS AL HADD	2218N	05948E	43		1010.3	1015.3	26.2		22.8		0	0		0		
41287 JOBA	2051N	05815E	34		1011.0	1015.1	26.5		21.4		0	0		0		
41288 MASIRAH	2040N	05854E	19		1013.4	1015.5	27.3		25.8		01	1		0		
41295 YAALONI	1957N	05707E	156		997.0	1015.5	26.1		20.4		01	1		0		
41312 MINA SALALAH	1654N	05355E	25		1010.9	1014.8	27.3		25.6		2	37		0		
41314 THUMRAIT	1740N	05401E	467		964.6	1018.2	25.5		14.6		0	0		0		
41315 QAIROON HAIRITI	1715N	05405E	881		917.6	1019.9	21.4		16.8		1	3		0		
41316 SALALAH	1702N	05405E	23		1012.3	1012.6	27.4		23.5		0	0		0	300	
PAKISTAN																
41515 DROSH	3534N	07147E	1465		856.8	1530 Y	11.0	-1.6	5.3		4	23	-2	0		
41560 PARACHINAR	3352N	07005E	1726		829.0	1516 Y	11.4	-1	8.2		4	13	-4	3		
41571 ISLAMABAD AIRPORT	3337N	07306E	508		958.7	1017.2	16.6	.1	11.2		4	22	5	1		
41594 SARGODHA	3203N	07240E	188		994.6	1016.4	18.5		12.0		0	0		0		
41598 JHELUM	3256N	07343E	234		988.0	1015.3	17.5	-1.2	12.6		2	5	-4	1		
41600 SIALKOT	3230N	07432E	256		985.9	1015.6	17.4	-4	14.6		3	11	2	1		
41620 ZHOB	3121N	06928E	1407		861.6	1520 Y	15.4	1.8	8.8		0	0	-3	3		
41624 DERA ISMAIL KHAN	3149N	07055E	173		995.2	1015.2	20.0	.9	16.3		0	0	-2	3		
41640 LAHORE CITY	3133N	07420E	215		990.6	1015.4	20.1	.6	13.7		1	2	-2	1		
41660 QUETTA AIRPORT	3015N	06653E	1589		846.5	1555 Y	12.0	2.8	5.2		1	2	-3	2		
41675 MULTAN	3012N	07126E	123		1001.0	1015.3	20.1	.4	14.0		0	0	-2	4		
41685 BARKHAN	2953N	06943E	1098		893.6	1523 Y	18.2	.9	7.1		0	0	-5	0		
41710 NOKKUNDI	2849N	06245E	683		938.0	1014.6	19.5	1.1	3.9		0	0	-1	5		
41712 DAL BANDIN	2853N	06424E	850		922.9	1539 Y	17.2	1.6	6.7		0	0	-2	3		
41715 JACOBABAD	2818N	06828E	56		1008.6	1015.0	22.9	.8	15.2		0	0	-1	4		
41718 KHANPUR	2839N	07041E	88		1004.5	1014.8	20.6	.9	15.6		0	0	-1	4		
41739 PANJGUR	2658N	06406E	981		904.8	1509 Y	17.8	1.2	5.6		0	0	-1	4		
41744 KHUZDAR	2750N	06638E	1232		879.5	1523 Y	19.3	2.6	7.0		0	0	-5	0		
41749 NAWABSHAH	2615N	06822E	38		1011.7	1014.9	22.8	.9	14.6		0	0	-1	4		
41756 JIWANI	2504N	06148E	57		1008.7	1015.2	25.5	1.6	17.4		0	0	-4	5		
41759 PASNI	2516N	06329E	6		1014.2	1014.7	25.6		21.1		0	0	-1	5		
41764 HYDERABAD	2523N	06825E	30		1009.0	1013.9	25.5		14.4		0	0		0		
41768 CHHOR	2531N	06947E	6		1013.1	1013.8	24.7	2.3	13.8		0	0	-3	5		
41780 KARACHI AIRPORT	2454N	06708E	22		1011.8	1014.5	26.9	3.0	14.7		0	0	-1	5		
BANGLADESH																
41859 RANGPUR	2544N	08914E	34		1010.4	1014.2	21.4		20.2		0	0			231	90
41883 BOGRA	2451N	08922E	20		1011.7	1013.8	22.5		21.1		0	0			215	85
41891 SYLHET	2454N	09153E	35		1010.2	1014.2	22.5		20.8		0	0			234	90
41907 ISHURDI	2408N	08903E	14		1011.9	1013.4	20.8		21.1		1	4			202	85
41923 DHAKA	2346N	09023E	9		1012.2	1013.2	23.7		21.5		1	13			167	75
41936 JESSORE	2311N	08910E	7		1013.1	1013.8	20.9		21.9		1	1			167	75
41943 FENI	2302N	09125E	8		1012.2	1013.0	22.0		21.6		0	0			207	85
41950 BARISAL	2245N	09022E	4		1013.3	1013.6	22.1		24.1		1	1			225	95

SURFACE

NOVEMBER 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.
41978 CHITTAGONG (PATENGA)	2216N	09149E	6		1013.2	1013.8	23.5		22.6		1	2			258	105
41992 COX'S BAZAR	2126N	09156E	4		1012.6	1012.8	23.7		23.5		0	0			253	100
INDIA																
42027 SRINAGAR	3405N	07450E	1587		846.3	1549 Y	7.1	-1.0	7.6		05	0118	0090	5	103	
42071 AMRITSAR	3138N	07452E	234		988.3	1015.6	18.3	.4	14.1		1	7	1	4	172	78
42147 MUKTESHWAR KUMAON	2928N	07939E	2311				11.9	.7	7.7		1	29	19	5		
42165 BIKANER	2800N	07318E	224		988.2	1013.8	23.9	2.4	14.1		0	0	-3	4		
42182 NEW DELHI/SAFDARJUNG	2835N	07712E	216		989.9	1014.9	20.9	.1	16.7		2	86	77	5	146	59
42314 DIBRUGARH /MOHANBARI	2729N	09501E	111		1002.6	1015.5	21.0	.2	20.1		6	41	22	4	211	
42339 JODHPUR	2618N	07301E	224		989.3	1014.5	23.9	3.1	10.5		0	0	-19	1		
42404 DHUBRI	2601N	08959E	36		1010.0	1014.9	22.3		22.5		0	0		3		
42410 GUWAHATI	2606N	09135E	54		1008.9	1015.1	22.3	.1	22.4		1	5	-20	2	231	100
42452 KOTA AERODROME	2509N	07551E	274		983.3	1014.5	23.0	.4	13.3		0	0	-20	3		
42515 CHERRAPUNJI	2515N	09144E	1313				15.6	-8	13.4		1	5	-67	2	236	
42587 DALTONGANJ	2403N	08404E	221		988.2	1014.5	22.7	.9	17.0		0	0	-9	3		
42619 SILCHAR	2445N	09248E	29		1011.2	1014.7	22.3		23.0		3	34		4		
42647 AHMADABAD	2304N	07238E	55		1007.2	1013.6	25.7	1.0	16.3		0	0	-14	4	269	98
42671 SAGAR	2351N	07845E	551		952.5	1014.1	23.6	1.2	13.3		0	0	-19	3		
42731 DWARKA	2222N	06905E	11		1012.1	1013.4	27.9	1.6	21.6		0	0	-2			
42754 INDORE	2243N	07548E	567		950.3	1013.3	23.7	1.9	13.5		0	0	-21	3	280	102
42807 CALCUTTA/ALIPORE	2232N	08820E	6		1013.5	1014.2	25.6	.7	21.8		1	6	-20	3	189	99
42867 NAGPUR SONEGAON	2106N	07903E	310		979.7	1015.0	23.5	.5	18.2		0	0	-17	3	270	102
42909 VERAVAL	2054N	07022E	8		1011.7	1012.6	28.2	2.0	21.8		0	0	-33	4		
42933 AKOLA	2042N	07702E	282		981.7	1013.5	25.5	1.5	16.8		2	9	-11	4		
42971 BHUBANESHWAR	2015N	08550E	46		1008.8	1014.0	25.6	.7	23.7		0	0	-48	2	205	94
43041 JAGDALPUR	1905N	08202E	553		952.6	1014.1	22.9	1.2	18.4		0	0	-26	1		
43057 BOMBAY / COLABA	1854N	07249E	11		1010.7	1011.9	29.3	1.3	30.1		2	5	-18	4	210	86
43063 PUNE	1832N	07351E	559		950.7	1012.6	23.8	1.5	18.4		1	4	-24	3	248	92
43128 HYDERABAD AIRPORT	1727N	07828E	545		952.9	1013.1	25.2	2.0	18.3		0	0	-29	2	243	98
43150 CWC VISHAKHAPATNAM/WALTAIR	1742N	08318E	66		1007.1	1014.5	28.4		25.1		0	0			245	105
43185 MACHILIPATNAM/FRANCHPET	1612N	08109E	3		1012.3	1012.7	27.7	1.9	28.0		3	44	-72	2	199	
43192 GOA/PANJIM	1529N	07349E	60		1004.3	1011.2	28.7	1.1	27.0		3	11	-24	3	254	93
43198 BELGAUM/SAMBRE	1551N	07437E	758		929.4	1010.9	23.8	1.0	18.0		1	2	-36	2		
43279 CHENNAI/MINAMBAKKAM	1300N	08011E	16		1011.0	1012.8	27.1	1.0	27.7		9	213	-196	2	175	96
43284 BAJPE	1255N	07453E	102		999.2	1010.6	28.5		26.5		3	15			252	100
43295 BANGALORE	1258N	07735E	921			1521 Y	23.7	1.5	18.7		2	20	-32	1	182	96
43314 KOZHIKODE	1115N	07547E	5		1010.4	1011.0	29.8	2.3	30.5		4	50	-122	1		
43333 PORT BLAIR	1140N	09243E	79		1002.7	1011.5	27.8	1.9	29.9		10	303	49	4	202	116
43363 PAMBAN	0916N	07918E	11		1009.9	1011.2	27.7	.3	30.4		16	523	283	5		
43369 MINICOY	0818N	07309E	2		1010.6	1010.8	28.7	1.2	32.1		7	72	-73	2	209	96
43371 THIRUVANANTHAPURAM	0829N	07657E	64		1003.6	1010.9	27.9	1.1	30.5		13	230	24	4	131	79
SRI LANKA																
43424 PUTTALAM	0802N	07950E	2		1010.5	1010.7	26.9	.2	31.1	3.0	20	205	-44			

SURFACE

NOVEMBER 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.
43441 KURUNEGALA	0728N	08022E	116		997.5	1010.7	27.0	.5	27.8	.5	16	350	23		196	93
43466 COLOMBO	0654N	07952E	7		1009.7	1011.1	27.4	.7	30.3	1.8	18	421	111			
43473 NUWARA ELIYA	0658N	08046E	1880		813.5		15.9	.3	15.7	.4	18	179	-36			
43497 HAMBANTOTA	0607N	08108E	20		1008.7	1010.5	27.7	.9	31.2	2.9	12	96	-92			
MONGOLIA																
44203 RINCHINHUMBE	5107N	09940E	1583		839.9	1036.5	-19.3	1.1	1.0	-1.1	1	3	-2	2	77	77
44207 HATGAL	5026N	10000E	1669		829.5	1033.4	-14.4	-7	1.4	-1	3	4	-1	3		
44212 ULAANGOM	4948N	09205E	940		913.8	1032.5	-10.8	-3	6.3	4.0	3	11	5	5		
44213 BARUUNTURUUN	4939N	09424E	1232		879.6	1033.8	-13.0	1.3	1.8	.0	4	10	1	3		
44214 ULGI	4856N	08956E	1716		826.7	1026.6	-7.5	1.0	1.5	-6	0	T	-1	1	176	105
44215 OMNO-GOBI	4901N	09143E	1590		839.5	1031.7	-10.0	.9	1.5	-3	1	2	1	4		
44218 HOVD	4801N	09134E	1406		860.0	1030.1	-7.6	2.1	1.7	-3	0	T	-1	1		
44225 TOSONTSENGEL	4844N	09812E	1724		826.8	1040.8	-17.2	1.5	1.2	-1	2	5	-2	2		
44230 TARIALAN	4934N	10200E	1236		878.2	1031.1	-10.5	-2	1.9	.0	1	4	2	5	176	105
44231 MUREN	4938N	10010E	1285		871.9	1030.9	-10.6	.8	1.6	-2	1	1	0	3		
44232 HUTAG	4923N	10240E	938		912.6	1030.3	-10.6	.6	2.1	.1	1	7	4	5		
44237 ERDENEMANDAL	4832N	10120E	1510		847.3	1028.8	-8.1	1.5	1.6	-5	0	0	-2	1		
44239 BULGAN	4848N	10330E	1209		878.7	1028.7	-10.7	.1	1.8	.0	1	2	-1	3	176	101
44241 BARUUNHARAA	4855N	10600E	811		925.6	1027.2	-9.7	1.3	2.0	.0	0	T	-5	1		
44256 DASHBALBAR	4923N	11420E	706		935.5	1024.4	-9.4	.9	2.0	.0	0	0	-4	1		
44259 CHOIBALSAN	4805N	11430E	747		931.2	1025.4	-7.7	2.1	2.1	.0	0	T	-3	1		
44265 BAITAG	4607N	09128E	1186		888.8	1035.8	-8.4	.0	2.2	-4	1	3	-3	2	176	101
44272 ULIASTAI	4745N	09651E	1761		821.6	1036.5	-13.5	-3	1.4	-2	1	1	-3	1		
44275 BAYANBULAG	4650N	09805E	2255		771.8	1037.0	-12.7	2.2	1.3	-4	0	0	-2	1		
44277 ALTAI	4624N	09615E	2182		779.8	1034.3	-9.5	.9	1.5	-2	01	1	-1	1		
44282 TSETSERLEG	4727N	10120E	1693		828.0	1029.9	-8.2	-7	1.6	-4	2	9	4	5	86	43
44284 GALUUT	4642N	10000E	2126		785.0	1036.7	-12.7	2.3	1.1	-2	0	T	-2	1		
44285 HUIJRT	4654N	10240E	1662		831.8	1030.1	-9.8	1.0	2.0	.1	0	T	-3	1		
44287 BAYANHONGOR	4608N	10040E	1860		811.8	1031.9	-9.0	1.9	1.2	-6	0	T	-2	1		
44288 ARVAIHEER	4616N	10240E	1813		815.8	1029.0	-6.5	.6	1.4	-6	0	T	-2	1	183	103
44292 ULAANBAATAR	4755N	10650E	1307		869.6	1029.7	-8.8	4.4	1.7	-2	01	1	-2	2		
44294 MAANTI	4718N	10720E	1430		855.8	1028.2	-10.8	2.1	1.4	-4	0	T	-3	1		
44298 CHOIR	4627N	10810E	1287		871.2	1026.9	-8.1	2.2	1.6	-6	0	T	-4	1		
44302 BAYAN-OVOO	4747N	11200E	926		910.9	1026.0	-9.1	1.7	1.8	-1	1	2	-3	2	183	103
44304 UNDERKHAAN	4719N	11030E	1035		899.0	1025.4	-9.4	2.2	1.6	-2	0	T	-3	1		
44305 BARUUN-URT	4641N	11310E	982		905.6	1027.3	-7.6	2.7	2.1	.0	01	1	-1	2		
44313 KHALKH-GOL	4737N	11830E	689		939.5	1025.8	-8.2	3.1	2.1	.0	0	T	-5	1		
44314 MATAD	4710N	11530E	907		913.4	1026.3	-7.9	1.7	2.3	.0	0	T	-3	1	183	103
44317 ERDENETSAGAAN	4554N	11520E	1076		895.0	1026.0	-6.6		2.2		1	2		1		
44336 SAIKHAN-OVOO	4527N	10350E	1317		869.5	1030.3	-7.4	1.3	1.5	-4	0	0	-1	1		
44341 MANDALGOBI	4546N	10610E	1396		860.3	1029.0	-7.4	1.3	1.4	-7	0	T	-2	1		
44347 TSOGT-OVOO	4425N	10510E	1298		872.0	1026.4	-5.2	1.4	1.8	-6	0	T	-2	1	183	103
44352 BAYANDELGER	4544N	11220E	1101		892.1	1024.5	-6.5	2.2	2.2	-1	0	T	-2	1		
44354 SAINSHAND	4454N	11000E	938		911.9	1027.9	-5.8	1.2	1.7	-1.1	0	T	-2	1		
44358 ZAMYN-UUD	4344N	11150E	965		909.4	1029.1	-4.7	1.9	2.2	-3	0	T	-1	1		

SURFACE

NOVEMBER 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.
44373 DALANZADGAD	4335N	10420E	1465		854.2	1029.5	-4.2	.9	1.8	-6	2	3	1	4		
HONG KONG, CHINA 45004 KOWLOON	2219N	11410E	66		1009.5	1017.2	22.5	.9	20.4	3.0	7	70	36	5	124	69
DPR KOREA																
47014 CHUNGGANG	4147N	12650E	331		918.4	1025.0	-2	3.1	4.5		5	32	3	4	133	105
47016 HYESAN	4124N	12810E	715		937.0	1024.6	-2.3	2.6	3.9		3	10	-5	3	135	90
47025 KIMCHAEK	4040N	12910E	23		1019.0	1021.9	6.2	1.6	6.7		5	134	100	5	168	100
47035 SINUIJU	4006N	12420E	7		1024.0	1024.9	4.9	2.3	5.4		4	28	-5	3	153	95
47055 WONSAN	3911N	12720E	36		1018.3	1022.8	8.0	2.0	6.2		4	85	25	2	137	80
47058 PYONGYANG	3902N	12540E	36		1019.7	1024.5	5.4	1.6	7.0		5	60	24	4	113	70
47069 HAEJU	3802N	12540E	81		1013.6	1023.6	7.8	2.1	7.0		3	32	-4	3	142	85
REPUBLIC OF KOREA																
47101 CHUNCHEON	3754N	12740E	78		1014.7	1024.2	5.6	1.0	7.0	.5	4	64	21	5	134	94
47105 GANGNEUNG	3745N	12850E	26		1019.4	1022.5	10.0	1.3	6.6	-4	6	51	-27	2	186	108
47108 SEOUL	3734N	12650E	86		1013.1	1023.7	7.8	1.2	6.3	-6	5	79	26	5	178	119
47112 INCHEON	3728N	12630E	69		1015.1	1023.6	8.5	1.5	7.3	.1	5	67	17	4	192	116
47115 ULLEUNGDO	3729N	13050E	221		995.4	1022.2	10.7	1.4	7.7	-7	7	43	-65	1	167	140
47133 DAEJEON	3622N	12720E	72		1015.6	1024.1	8.0	1.5	7.8	.3	4	50	2	4	177	120
47138 POHANG	3602N	12920E	4		1022.6	1023.1	10.9	1.5	8.4	.6	1	18	-33	3	198	109
47159 BUSAN	3506N	12900E	70		1014.1	1022.5	12.4	1.4	8.4	.1	4	107	43	5	214	114
47165 MOKPO	3449N	12620E	39		1018.9	1023.5	10.6	.5	8.9	-2	6	51	0	4	199	129
47168 YEOSU	3444N	12740E	67		1014.8	1022.6	12.2	1.7	9.1	.8	5	32	-17	3	201	104
47184 JEJU	3331N	12630E	23		1020.6	1023.1	13.9	1.5	10.5	.1	5	29	-50	2	161	126
JAPAN																
47401 WAKKANAI	4525N	14140E	12		1016.0	1017.4	5.0	1.8	6.0	.5	17	70	-58	1	55	95
47407 ASAHIKAWA	4345N	14220E	140		1001.6	1019.0	3.7	1.9	6.9	1.2	20	65	-52	0	64	100
47409 ABASHIRI	4401N	14410E	44		1012.5	1017.9	5.1	1.9	6.4	.8	14	59	-4	3	120	106
47412 SAPPORO	4304N	14120E	26		1015.7	1019.0	6.4	2.1	7.0	1.1	18	73	-25	1	107	107
47418 KUSHIRO	4259N	14420E	40		1013.2	1018.2	5.5	1.8	7.0	1.0	6	61	-11	3	159	99
47420 NEMURO	4320N	14530E	39		1014.5	1017.8	6.6	1.7	7.4	1.0	10	53	-27	2	143	102
47421 SUTTSU	4248N	14010E	38		1014.9	1019.3	6.8	1.8	7.3	1.0	23	129	-8	2	69	117
47426 URAKAWA	4210N	14240E	37		1014.0	1018.8	7.0	1.5	7.4	.9	11	96	3	4	151	120
47430 HAKODATE	4149N	14040E	44		1014.2	1019.7	7.2	2.1	7.6	.8	10	53	-50	1	154	140
47570 WAKAMATSU	3729N	13950E	217		995.6	1021.5	9.1	2.3	9.6	1.4	9	23	-53	1	130	151
47575 AOMORI	4049N	14040E	4		1019.8	1020.3	8.3	2.1	8.3	1.0	16	91	-44	1	112	129
47582 AKITA	3943N	14000E	22		1018.3	1021.0	9.2	1.8	8.6	.9	12	82	-99	0	119	142
47584 MORIOKA	3942N	14110E	155		1001.9	1021.0	7.0	1.4	8.1	1.1	6	39	-52	1	141	119
47590 SENDAI	3816N	14050E	44		1015.2	1020.6	10.7	1.8	9.3	1.4	3	24	-45	1	160	116
47600 WAJIMA	3724N	13650E	15		1020.6	1021.4	11.7	1.6	10.1	.5	12	79	-157	0	98	115

SURFACE

NOVEMBER 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.
47604 NIIGATA	3755N	13900E	7		1020.4	1021.1	11.6	1.7	10.7	1.6	17	97	-100	0	96	108
47605 KANAZAWA	3635N	13630E	34		1017.2	1021.3	12.9	2.1	10.4	.6	16	112	-153	0	131	134
47610 NAGANO	3640N	13810E	420		971.1	1021.4	9.1	1.9	9.1	1.3	1	8	-33	0	170	131
47624 MAEBASHI	3624N	13900E	114		1006.6	1020.2	12.9	2.6	9.7	1.6	2	17	-28	2	187	112
47629 MITO	3623N	14020E	31		1016.3	1020.1	12.4	2.4	10.9	1.3	6	65	-12	3	171	121
47636 NAGOYA	3510N	13650E	56		1013.5	1020.3	13.8	2.3	9.3	-2	6	44	-26	2	184	117
47648 CHOSHI	3544N	14050E	28		1016.1	1019.5	15.6	2.0	13.2	1.9	14	149	27	4	143	108
47651 TSU	3444N	13630E	18		1018.4	1020.6	14.2	2.3	10.0	.1	6	61	-19	3	172	111
47655 OMAEZAKI	3436N	13810E	47		1012.9	1018.9	16.2	2.2	12.6	1.3	5	60	-75	1	170	106
47662 TOKYO	3541N	13940E	36		1016.9	1019.8	14.0	1.4	11.6	2.4	9	63	-26	2	151	111
47675 OSHIMA	3445N	13920E	80		1010.1	1019.1	15.5	2.5	13.8	2.4	13	124	-74	2	123	98
47678 HACHIOJIMA	3307N	13940E	156		1000.0	1018.0	17.5	.4	16.3	1.8	23	255	0	3	93	89
47740 SAIGO	3612N	13320E	32		1018.3	1021.8	11.9	.7	10.9	.9	6	27	-117	0	145	125
47741 MATSUE	3527N	13300E	23		1019.1	1021.8	12.1	1.1	11.1	.6	10	35	-102	0	113	102
47746 TOTTORI	3529N	13410E	16		1019.9	1021.8	12.3	1.1	11.2	1.1	10	103	-59	1	128	125
47750 MAIZURU	3527N	13510E	23		1021.0	1021.5	11.9	1.1	11.9	1.5	8	66	-72	1	101	110
47765 HIROSHIMA	3424N	13220E	54		1015.3	1021.8	13.3	1.9	9.4	-.5	2	38	-34	2	171	114
47772 OSAKA	3441N	13530E	83		1011.2	1021.1	14.6	1.7	11.0	1.1	4	31	-34	2	162	114
47778 SHIONOMISAKI	3327N	13540E	76		1011.6	1019.9	15.6	.7	12.8	1.3	8	78	-116	2	191	116
47800 IZUHARA	3412N	12910E	19		1021.6	1022.1	13.2	1.0	11.2	1.1	3	54	-52	2	165	116
47807 FUKUOKA	3335N	13020E	15		1020.0	1021.8	14.3	1.3	11.0	.4	10	40	-40	1	166	127
47815 OITA	3314N	13130E	13		1020.0	1021.7	13.8	1.1	11.3	.6	6	42	-19	2	179	126
47817 NAGASAKI	3244N	12950E	36		1017.1	1021.4	14.5	.8	12.0	.8	10	63	-22	3	170	125
47827 KAGOSHIMA	3133N	13030E	32		1016.8	1020.6	16.0	1.5	13.1	.8	10	92	5	3	188	125
47830 MIYAZAKI	3156N	13120E	15		1019.1	1020.9	14.3	.5	13.0	.8	8	78	-23	3	188	115
47843 FUKUE	3242N	12850E	27		1018.3	1021.5	14.6	.8	12.7	1.2	9	73	-56	2	160	123
47887 MATSUYAMA	3351N	13240E	34		1017.3	1021.4	13.6	.9	10.6	.3	4	34	-32	1	174	121
47891 TAKAMATSU	3419N	13400E	14		1020.3	1021.6	13.5	1.5	10.9	.6	5	14	-51	0	182	122
47893 KOCHI	3334N	13330E	3		1020.2	1020.8	14.1	1.1	11.1	.7	6	69	-65	3	188	111
47895 TOKUSHIMA	3404N	13430E	6		1020.5	1021.3	14.3	1.4	11.2	1.0	5	32	-64	2	179	123
47909 NAZE	2823N	12930E	8		1018.3	1019.1	20.0	.2	17.9	1.1	10	104	-86	2	99	114
47918 ISHIGAKIJIMA	2420N	12410E	11		1016.0	1017.7	24.0	1.5	23.3	2.5	6	85	-84	2	153	142
47927 MIYAKOJIMA	2448N	12510E	42		1013.2	1018.0	23.4	1.3	22.4	2.1	4	73	-72	2	153	142
47936 NAHA	2612N	12740E	28		1012.4	1018.2	23.1	1.7	20.1	1.5	8	161	45	5	156	130
47945 MINAMIDAITOJIMA	2550N	13110E	21		1015.3	1017.7	23.1	.8	21.2	1.0	7	70	-52	2	161	132
47971 CHICHIJIMA	2706N	14210E	8		1015.0	1015.9	24.1	1.0	21.4	-.4	10	53	-95	1	172	132
47991 MINAMITORISHIMA	2417N	15350E	9		1013.3	1014.3	26.5	.4	26.9	.5	9	126	49	5	226	109
MYANMAR																
48008 MYITKYINA	2522N	09724E	147		997.4	1014.8	22.0									
48042 MANDALAY	2159N	09606E	76		1003.9	1012.8	25.8				01	1	-37			
48062 SITTWE	2008N	09253E	5		1013.0	1018.9	24.0				0	0	-105			
48097 YANGON	1646N	09610E	15		1012.6	1015.8	26.2				4	66	6			
48112 VICTORIA POINT	0958N	09835E	47		1005.2	1010.5	25.6				11	158	3			
THAILAND																

SURFACE

NOVEMBER 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.
48303 CHIANG RAI	1958N	09953E	393		969.4	1013.6	23.8	1.8	22.4	.9	4	66	5	4	237	110
48327 CHIANG MAI	1847N	09859E	314		978.5	1013.9	25.9	2.1	23.4	.9	1	9	-44	2	259	111
48354 UDON THANI	1723N	10240E	178		992.7	1013.0	26.5	1.9	23.8	2.1	1	6	-3	4		
48378 PHITSANULOK	1647N	10010E	46		1007.0	1012.2	27.7	1.6	26.9	2.1	1	17	-14	3	236	96
48400 NAKHON SAWAN	1548N	10010E	35		1008.0	1012.1	27.8	1.4	27.7	2.1	7	36	1	4	219	88
48431 NAKHON RATCHASIMA	1458N	10200E	187		991.0	1012.2	27.3	2.7	25.5	2.5	3	8	-23	2		
48453 BANGNA AGROMET	1339N	10036E	3		1011.1	1011.4	28.9		28.1		3	35			182	75
48455 BANGKOK	1344N	10030E	4		1010.5	1011.0	29.1	2.2	28.3	1.4	3	47	-1	4	169	72
48462 ARANYAPRATHET	1342N	10230E	49		1006.2	1011.8	28.6	2.5	27.1	2.1	3	6	-46	1		
48480 CHANTHA BURI	1237N	10200E	4		1010.5	1010.9	28.3	2.1	27.9	2.4	5	52	-9	3	212	88
48500 PRACHUAP KHIRIKHAN	1150N	09950E	5		1010.7	1011.4	27.4	1.2	28.1	1.6	7	226	-1	3		
48517 CHUMPHON	1029N	09911E	6		1010.2	1010.9	27.2	1.4	29.4	1.1	9	287	-88	2		
48565 PHUKET AIRPORT	0809N	09819E	9		1008.8	1009.7	27.8	1.2	29.8	.9	11	131	-57	2		
48568 SONGKHLA	0712N	10030E	7		1009.6	1010.4	27.6	.7	30.4	1.0	18	383	-205	2		
VIET NAM																
48806 SON LA	2120N	10350E	676		939.6	1016.6	20.1		18.3		2	46		4	220	140
48808 CAO BANG	2240N	10610E	244		988.4	1016.8	19.6		19.7		4	30		3	122	100
48825 HA DONG	2058N	10546E	8		1015.1	1016.0	23.7		23.1		5	36		3	128	95
48826 PHU LIEN	2048N	10630E	116		1002.4	1016.0	23.0		25.7		5	50		2	153	80
48830 LANG SON	2150N	10640E	263		986.0	1016.8	19.7		19.4		4	41		4	140	100
48840 THANH HOA	1945N	10540E	5		1014.5	1015.1	23.8		24.5		8	79		4	146	105
48845 VINH	1840N	10540E	6		1014.3	1015.0	23.9		25.2		6	92		2	125	120
48848 DONG HOI	1729N	10630E	8		1014.0	1014.8	24.5		26.2		12	115		6	145	150
48852 HUE	1626N	10730E	10		1013.5	1014.5	24.1		27.1		15	485				
48855 DA NANG	1604N	10820E	7		1013.4	1014.2	25.8		26.9		14	260		2	144	120
48870 QUY NHON	1346N	10910E	6		1012.1	1012.8	26.6		28.2		16	462		0	181	
48877 NHA TRANG	1213N	10910E	4		1011.4	1021.5	26.4		9.3		11	317		2	170	115
48887 PHAN THIET	1056N	10800E	8		1010.2	1010.8	27.1		28.7		8	145		4	219	95
48914 CA MAU	0911N	10500E	2		1010.5	1010.7	28.1		30.3		11	111		1	137	
48917 PHU QUOC	1013N	10350E	4		1010.1	1010.7	28.2		29.5		12	312			249	
LAO PDR																
48930 LUANG-PRABANG	1953N	10200E	305		979.2	1014.5	24.4	2.5	23.0	.9	5	37	-3	1	171	95
48938 SAYABOURY	1914N	10140E	326		990.5	1013.9	25.0		23.8		7	30		1	175	
48940 VIENTIANE	1757N	10230E	171		992.4	1011.8	26.8	2.5	25.7	3.8	1	3	-6	1	213	91
48946 THAKHEK	1723N	10430E	152		996.2	1012.7	27.2		25.6		1	2		1	234	
48947 SAVANNAKHET	1633N	10430E	145		993.2	1013.4	26.8	4.8	22.7	2.3	1	1	-6	1	245	
48948 SENO	1640N	10500E	185		991.3	1012.3	26.7		21.6		0	0		0	231	
48955 PAKSE	1507N	10510E	102		999.6	1011.6	28.4	2.9	24.8	2.2	3	29	10	1	238	106
CHINA																
50527 HAILAR	4913N	11940E	611		941.1	1023.3	-9.5	3.1	1.9	.0	0	T	-4	1	188	106
50745 QIQIHAR	4723N	12350E	148		1002.7	1021.6	-3.1	4.0	2.6	.2	2				213	113

SURFACE

NOVEMBER 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.
50963 TONGHE	4558N	12840E	110		1008.6	1022.8	-4.1		3.4		3				176	110
51076 ALTAY	4744N	08805E	737		941.5	1034.3	-7.2	-2.4	2.9	-2	7	31	12	4	134	89
51243 KARAMAY	4536N	08451E	428		975.9	1033.1	-3.4		3.0		1				127	95
51431 YINING	4357N	08120E	664		949.2	1031.1	-7	-2.3	4.3	-9	4				137	82
51463 WU LU MU QI	4348N	08739E	947		917.5	1032.1	-3.6		3.4		5	23		4	180	140
51644 KUQA	4143N	08257E	1100		899.5	1027.9	1.5		4.5		5				173	90
51656 KORLA	4145N	08608E	933		919.8	1028.4	.6		3.7		4				210	105
51709 KASHI	3928N	07559E	1291		866.2	1025.7	3.9	.2	4.7	.0	4				125	64
51747 TAZHONG	3900N	08340E	1099		897.3	1028.6	-.7		2.6		0	0			202	
51777 RUOQIANG	3902N	08810E	889		921.2	1028.1	1.3	-.4	3.6	.3	5				168	74
51828 HOTAN	3708N	07956E	1375		866.9	1024.5	5.0	1.1	4.8	1.2	6				174	80
52203 HAMI	4249N	09331E	739		938.5	1029.1	-1.3	-1.2	2.9	-3	4				178	80
52267 EJIN QI	4157N	10100E	941		914.5	1028.0	-.6		2.0		3				238	105
52323 MAZONG SHAN	4148N	09702E	1770		826.3		-3.8		1.8		1				220	95
52418 DUNHUANG	4009N	09441E	1140		893.3	1028.4	.9		3.0		5				207	90
52495 BAYAN MOD	4045N	10430E	1329		872.3	1028.3	-1.2		2.2		3				229	95
52533 JIUQUAN	3946N	09829E	1478		856.6	1028.4	-.3	.7	2.6	-.2	3				232	103
52681 MINQIN	3838N	10300E	1367		868.0	1027.0	1.7		2.5		3				237	100
52836 DOULAN	3618N	09806E	3190		692.1		-4.4	.2	2.4	.9	7	33	30	6	184	74
52866 XINING	3637N	10140E	2296		773.3		-1.8		3.6		7	29		6	168	80
52983 YU ZHONG	3552N	10400E	1875		814.7		.0		4.3		7	27		6	188	90
53068 ERENHOT	4339N	11200E	966		909.6	1027.5	-5.0	1.6	2.2	.1	4				209	96
53336 HALIUT	4134N	10830E	1290		875.1	1028.1	-2.8		2.6		4				192	90
53463 HOHHOT	4049N	11140E	1065		890.7	1028.4	-1.5		2.6		2				152	80
53614 YINCHUAN	3828N	10610E	1112		895.3	1026.5	2.2	1.1	3.6	-.7	4				186	85
53772 TAIYUAN	3747N	11230E	779		932.8	1026.0	3.8	1.5	4.5	-.1	2				182	100
53845 YAN AN	3636N	10930E	959		888.4	1026.7	3.0		4.2		2	5		1	179	90
54026 JARUD QI	4434N	12050E	266		990.6	1024.3	-1.4		2.3		2				225	115
54102 XILIN HOT	4357N	11600E	1004		905.3	1028.1	-6.0		2.4		3	7		4	201	95
54161 CHANGCHUN	4354N	12510E	238		994.3	1024.4	-1.0		3.6		3				179	105
54218 CHIFENG	4216N	11850E	572		944.7	1026.9	-.5		2.8		4				203	100
54292 YANJI	4252N	12930E	178		991.2	1023.9	-.7	2.3	3.7	.5	4				173	106
54342 SHENYANG	4144N	12331E	43		1018.4	1024.7	1.2	.9	4.1	-.1	3	8	-.9	2	183	112
54511 BEIJING	3956N	11610E	55		1020.9	1024.9	5.7	1.4	4.8	-.1	2				173	90
54823 JINAN	3636N	11700E	169		1003.8	1024.8	9.5		7.7		4	22		4	133	75
54857 QINGDAO	3604N	12020E	77		1015.2	1024.6	10.8	1.8	8.5	.8	3				146	78
55228 SHIQUANHE	3230N	08005E	4280		606.0		-4.1		1.0		5				250	90
55472 XAINZA	3057N	08838E	4670		576.7		-3.4		1.0		2				248	100
55591 LHASA	2940N	09108E	3650		653.4		4.7	2.5	1.6	-1.0	3				267	100
56004 TUOTUOHE	3413N	09226E	4535		584.3		-9.0		1.4		2				196	80
56029 YUSHU	3301N	09701E	3682		648.6		-3.4		2.7		6				164	80
56046 DARLAG	3345N	09939E	3968		628.0		-6.3		2.5		6				194	90
56079 RUO'ERGAI	3335N	10250E	3441		670.4		-3.1		3.1		7	21		6	193	85
56106 SOG XIAN	3153N	09347E	4024		624.0		-2.4		2.0		3				179	85
56137 QAMDO	3109N	09710E	3307		683.0		1.4	-.5	3.2	.4	5				197	98
56187 WENJIANG	3045N	10352E	555		957.6	1022.7	10.6		11.1		4	14		3	67	115

SURFACE

NOVEMBER 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.
56444 DEQEN	2827N	09853E	3320		683.6		1.9		3.9		2	6		2	168	100
56571 XICHANG	2754N	10210E	1599		840.7		13.3	.5	8.2	-1.4	1				259	135
56739 TENGCHONG	2507N	09829E	1649		833.5		11.5	-6	9.7	-1.1	0	T	-48	1	300	142
56778 KUNMING	2501N	10240E	1892		813.8		12.4	1.1	9.5	-7	0	T	-40	1	257	143
56964 SIMAO	2246N	10050E	1303		873.0	1016.3	16.8		14.4		2				254	145
56985 MENGZI	2323N	10320E	1302		871.1	1015.4	16.9		14.0		1	2		1	256	145
57083 ZHENGZHOU	3443N	11330E	111		1010.9	1024.6	9.8	1.9	7.8	.7	5	19	-6	3	102	63
57131 JINGHE	3426N	10858E	411		975.8	1025.7	7.9		7.3		7	29		4	118	115
57461 YICHANG	3042N	11110E	134		992.3	1023.3	11.8	-6	10.8	-1	7	63	15	4	73	68
57494 WUHAN	3037N	11400E	23		1020.0	1023.0	11.9		11.4		9	100		5	125	85
57516 CHONGQING	2935N	10620E	260		990.2	1021.3	13.4		12.2		7	34		2	47	130
57687 CHANGSHA	2814N	11250E	68		1007.8	1022.4	12.5		11.9		14	137		5	110	95
57745 ZHIJIANG	2727N	10940E	273		989.7	1022.6	12.0	-2	12.5	1.1	14	118	50	5	81	85
57816 GUIYANG	2635N	10640E	1223		881.6	1020.3	10.3		10.3		9	57		4	84	105
57993 GANZHOU	2552N	11500E	138		1004.3	1020.9	16.1	.7	14.8	1.7	9	129	76	5	123	85
58027 XUZHOU	3417N	11700E	42		1019.0	1024.2	10.1		9.8		7	66		5	128	80
58238 NANJING	3200N	11840E	7		1019.1	1023.6	12.3		11.5		7	66		3	121	80
58362 SHANGHAI	3124N	12120E	8		1022.6	1023.4	14.4		13.2		8	98		5	108	75
58606 NANCHANG	2836N	11550E	50		1016.3	1022.2	14.2	1.0	13.1	1.8	13	116	62	4	95	66
58633 QU XIAN	2858N	11850E	71		1012.3	1022.4	14.2		14.2		14	119		5	67	45
58666 DACHEN DAO	2827N	12150E	84		1011.2	1021.6	16.8		16.0		11	110		4	98	65
58847 FUZHOU	2605N	11910E	85		1010.4	1020.5	18.3		17.1		11	121		5	50	40
59211 BAISE	2354N	10630E	177		996.8	1017.5	19.3		18.2		1	3		1	126	95
59287 GUANGZHOU	2310N	11320E	42		1009.6	1018.0	20.2	.8	20.0	4.3	6	40	-2	4	109	62
59316 SHANTOU	2324N	11640E	3		1017.7	1018.1	21.8	2.5	21.0	3.4	9	144	105	5	126	70
59431 NANNING	2238N	10810E	126		999.5	1017.6	19.5	.9	17.6	1.2	4	17	-27	3	142	95
59758 HAIKOU	2002N	11020E	24		1008.5	1016.0	24.2	2.2	24.8	3.1	6	51	-46	3	108	70
59948 SANYA	1814N	10930E	420		967.3	1015.4	22.2		23.6		5	42		4	181	100
59981 XISHA DAO	1650N	11220E	5		1013.1	1013.8	27.1		28.2		4	28		1	215	120
AFRICA																
MADEIRA																
08522 FUNCHAL	3238N	01654W	58		1012.2	1019.0	18.8	.0	14.4	-9	9	84	-17	3	167	108
08524 PORTO SANTO	3304N	01621W	97		1009.2	1018.9	17.9		15.4		11	85		4	142	95
SPAIN (CANARY ISLANDS)																
60001 HIERRO/AEROPUERTO	2749N	01753W	32		1015.1	1018.9	20.9		17.4		11	39		4	167	115
60005 LA PALMA/AEROPUERTO	2837N	01745W	31		1013.7	1017.4	20.0		16.8		7	45		3	148	100
60010 IZANA	2819N	01630W	2371		768.4	1017.5	6.4		5.3		8	44		3	243	110
60015 TENERIFE/LOS RODEOS	2828N	01619W	632		947.9	1018.8	15.3		14.9		13	183		5	96	60
60020 STA. CRUZ DE TENERIFE	2827N	01615W	36		1014.0	1018.2	20.7	-1	15.6	-7	6	32	-6	4	183	102
60025 TENERIFE SUR	2803N	01634W	77		1009.3	1018.3	20.5		16.1		3	10		6	199	110

SURFACE

NOVEMBER 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.
60030 LAS PALMAS DE GRAN CANARIA/G	2756N	01523W	47		1012.8	1018.3	20.0	-4	15.7	-1.0	4	16	-5	3	199	109
60035 FUERTEVENTURA/AEROPUERTO	2827N	01352W	30		1014.4	1017.9	20.1		16.5		2	10		4	177	85
60040 LANZAROTE/AEROPUERTO	2857N	01336W	21		1015.5	1018.0	19.8	-4	15.9	-1.1	5	16	2	4	197	99
MOROCCO																
60101 TANGER (AERODROME)	3544N	00554W	21		1014.4	1016.9	15.1	-8	13.5		11	208	74	5	137	70
60115 OUJDA	3447N	00156W	470		962.3	1017.3	13.4	-3	10.9		6	20	-17	3	187	95
60120 KENITRA	3418N	00636W	14		1016.6	1017.0	15.4	-5	14.1		10	104	-26	3	186	95
60135 RABAT-SALE	3403N	00646W	84		1008.0	1016.9	14.8	-1.1	13.6		20	112	16	1	196	60
60150 MEKNES	3353N	00532W	576		952.4	1017.5	13.4	-8	12.5		7	37	-42	2	181	95
60155 CASABLANCA	3334N	00740W	57		1011.0	1017.6	16.5	.4	14.4		12	104	30	5	198	60
60195 MIDELT	3241N	00444W	1515		850.6	1521 Y	10.6	.5	7.4		3	27	7	3	241	75
60230 MARRAKECH	3137N	00802W	468		963.6	1016.9	15.5	-8	13.1		7	44	4	4	216	
60265 OUARZAZATE	3056N	00654W	1140		889.8	1522 Y	14.0	.3	7.1		2	13	-6	4	231	65
SPAIN (CEUTA AND MELILLA)																
60338 MELILLA	3517N	00257W	55		1009.8	1016.3	16.3	-3	13.3	-7	6	16	-25	2	185	113
ALGERIA																
60351 JIJEL-ACHOUAT	3648N	00553E	10		1014.2	1015.7	16.4		13.4		12	121			181	60
60353 JIJEL-PORT	3649N	00553E	6		1014.2	1014.8	16.8		13.8		12	144			201	65
60355 SKIKDA	3653N	00654E	3		1014.7	1015.3	17.1	1.0	13.1		8	78	-21	3	176	55
60360 ANNABA	3650N	00749E	4		1014.0	1015.0	15.3	-3	13.3		10	61	-13	3	175	55
60390 DAR-EL-BEIDA	3641N	00313E	29		1013.1	1016.5	16.0	.8	13.1		8	105	9	4	181	60
60395 TIZI-OUZOU	3642N	00403E	189		999.3	1017.6	15.0		12.8		10	175			171	55
60402 BEJAIA-AEROPORT	3643N	00504E	3		1015.0	1015.9	15.6	-2	12.2		7	52	-47	0	193	60
60403 GUELMA	3628N	00728E	228		990.0	1016.9	14.1		11.6		7	40			187	60
60405 BOUCHEGOUF	3630N	00743E	111		1002.6	1015.7	15.3		12.1		12	52				
60415 AIN-BESSAM	3619N	00332E	748		931.2	1568 Y	11.8		10.2		11	84			185	60
60419 CONSTANTINE	3617N	00637E	694		937.2	1017.2	11.4	.0	9.3		3	8	-35	1	200	60
60421 OUM EL BOUAGHI	3552N	00707E	891		914.2	1496 Y	10.9		9.1		2	4			199	60
60423 SOUK AHRAS	3617N	00758E	680		919.3	1476 Y	11.8		10.4		9	57			191	60
60425 CHLEF	3613N	00120E	144		997.0	1016.4	14.9	.1	13.2		10	90	37	5	164	50
60430 MILIANA	3618N	00214E	721		934.1	1017.0	12.4	-4	10.6		10	124	21	5	183	55
60437 MEDEA	3617N	00244E	1036		896.7	1477 Y	9.9		9.3		8	129			154	
60444 BORDJ-BOU-ARRERIDJ	3604N	00446E	930		908.9	1511 Y	10.9		9.4		6	24			189	60
60445 SETIF	3611N	00515E	1040		901.9	1522 Y	9.3		8.0		6	26			204	65
60452 ARZEW	3549N	00016W	4		1014.6	1015.2	16.4		14.6		7	38				
60457 MOSTAGANEM	3553N	00007E	138		999.4	1016.2	14.8		13.1		9	59			195	60
60468 BATNA	3545N	00619E	826		922.2	1498 Y	10.5	1.4	8.8		0	T	-31	1	201	65
60475 TEBESSA	3525N	00807E	823		923.3	1504 Y	11.4	.7	8.9		2	9	-20	2	204	65
60476 KHENCHELLA	3528N	00705E	987		904.4	1512 Y	10.7		8.8		1	6			188	60
60490 ORAN-SENIA	3538N	00036W	91		1005.2	1016.1	14.8	-1	13.2		7	38	-5	3	205	65
60507 MASCARA-GHRISS	3513N	00009E	513		957.2	1017.0	13.2		11.0		8	55			202	65

SURFACE

NOVEMBER 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.
60511 TIARET	3521N	00128E	978		905.2		10.1		9.0		6	38			191	60
60514 KSAR CHELLALA	3510N	00219E	801		926.8	1515 Y	11.8		9.3		4	30			195	60
60515 BOU-SAADA	3520N	00412E	461		963.5	1017.7	13.6		11.5		3	20			198	75
60517 GHAZAOUET	3506N	00152W	5		1015.4	1016.6	15.9		14.4		4	30				
60518 BENI-SAF	3518N	00121W	70		1006.1	1014.4	16.5		14.1		3	25			201	65
60520 SIDI-BEL-ABBES	3512N	00037W	476		959.8	1016.8	12.4		10.5		7	52			207	65
60525 BISKRA	3448N	00544E	89		1006.7	1017.3	16.5	.2	11.0		01	1	-17	1	222	70
60531 TLEMEN-CEN-ZENATA	3501N	00128W	247		987.6	1016.8	14.3		12.2		7	39			206	65
60535 DJELFA	3420N	00323E	1185		883.4	1503 Y	9.1	.0	8.5		6	21	-16	2	193	60
60536 SAIDA	3452N	00009E	752		930.7	1504 Y	12.3		9.8		8	60		0	204	
60540 EL-KHEITER	3409N	00004E	1001		901.5	1487 Y	10.6		8.9		6	39		0		
60545 LAGHOUAT	3346N	00256E	763		930.0	1000.0	11.9		9.7		3	8			222	70
60549 MECHERIA	3335N	00017W	1150		892.5	1527 Y	10.8		8.4		6	62			229	70
60550 EL-BAYADH	3340N	00100E	1347		865.2	1507 Y	8.6		7.8		6	52			199	60
60555 TOUGGOURT	3307N	00608E	92		1006.1	1017.1	16.0		10.3		0	T			248	75
60557 NAAMA	3316N	00018W	1166		885.9	1509 Y	10.2		8.3		6	47			218	
60559 EL-OUED	3330N	00647E	69		1008.7	1016.7	16.5	.8	11.1		0	T	-9	1	201	65
60560 AIN-SEFRA	3246N	00036W	1059		895.7	1512 Y	12.0		9.2		5	23			231	70
60563 HASSIR'MEL	3256N	00317E	764		929.3	1510 Y	12.8		8.9		1	5			236	75
60566 GHARDAIA	3224N	00348E	469		963.0	1017.6	16.0	.6	8.0		1	2	-10	2	239	
60571 BECHAR	3130N	00215W	816		924.2	1516 Y	15.0	.1	8.3		3	19	9	4	256	80
60580 OUARGLA	3156N	00524E	148		999.4	1016.8	16.6		8.3		0	T			245	75
60581 HASSI-MESSAOUD	3140N	00609E	144		999.8	1017.1	16.7	.4	10.6		1	3	-1	4	246	
60590 EL-GOLEA	3034N	00252E	403		970.0	1017.0	15.6	.4	9.3		1	5	0	4	261	80
60602 BENI-ABBES	3008N	00210W	505		956.3	1015.6	16.7	.0	8.6		2	15	9	5	256	80
60607 TIMIMOUN	2915N	00017E	317		979.5	1016.4	17.7	.5	8.3		2	22	21	6	261	
60611 IN-AMENAS	2803N	00938E	562		952.4	1016.7	17.7	1.3	8.4		0	T	-2	3	255	
60620 ADRAR	2753N	00011W	283		982.8	1015.8	18.9	.7	7.8		1	2	1	5	265	80
60630 IN-SALAH	2714N	00230E	269		984.1	1015.1	20.5	.4	6.7		0	0	-1	4	268	95
60640 ILLIZI	2630N	00825E	544		953.7	1015.6	20.2		9.1		1	6			247	
60656 TINDOUF	2742N	00810W	443		963.8	1015.4	17.5		8.4		2	3			267	85
60670 DJANET	2416N	00928E	970		907.7	1533 Y	20.3	2.1	8.0		0	0	-1	4	253	75
60680 TAMANRASSET	2248N	00526E	1364		865.8	1536 Y	19.9	2.6	4.9		0	0	-2	4	255	90
TUNISIA																
60715 TUNIS-CARTHAGE	3650N	01014E	4		1015.3	1015.8	16.7	.8	12.2		10	41	-15	3	155	89
60725 JENDOUBA	3629N	00848E	144		999.4	1016.5	14.6	.2	11.9		8	60	18	4	113	67
60735 KAIROUAN	3540N	01006E	68		1008.3	1016.4	17.9	2.0	13.2		3	31	3	4	113	55
60745 GAFSA	3425N	00849E	314		983.1	1017.1	15.0	1.0	10.8		3	16	-1	4	177	80
NIGER																
61052 NIAMEY-AERO	1329N	00210E	227		985.0	1010.0	30.0		9.0						294	100
MALI																

SURFACE

NOVEMBER 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.
61230 NIORO DU SAHEL	1514N	00921W	237		984.5	1011.8	28.3	1.6	11.5		0	0	-1	0	208	82
61233 NARA	1510N	00717W	271		981.5	1011.0	28.8	2.0	11.7		0	0	-3	0	240	89
61257 KAYES	1426N	01126W	47		1004.8	1011.0	28.8	.5	17.0							
61265 MOPTI	1431N	00406W	276		979.2	1009.5	28.1	1.2	16.5		0	0	-1	6	274	97
61270 KITA	1304N	00928W	334		973.5	1010.4	28.8	2.3	18.4		0	0	-5	0	233	87
61272 SEGOU	1324N	00609W	289				28.2	1.4	17.7		0	0	-1	0	185	70
61277 SAN	1320N	00450W	284		978.2	1009.9	28.9	1.7	18.8		0	0	-1	0	270	97
61285 KENIEBA	1251N	01114W	132		995.2	1010.2	27.1	.4	22.1		0	0	-3	0	228	90
61291 BAMAKO/SENOU	1232N	00757W	381		970.0	1010.6	26.0	-.5	27.5						201	74
61293 KOUTIALA	1223N	00528W	367		968.9	1009.4	28.8	3.3	16.4		0	0	-4	0	275	98
61296 BOUGOUNI	1125N	00730W	351		970.8		28.2	2.1	20.8		00	0	-6	0	260	101
61297 SIKASSO	1121N	00541W	375		963.5	1009.5	28.3	2.4	19.3		0	0	-11	0	284	111
MAURITANIA																
61415 NOUADHIBOU	2056N	01702W	5		1015.2	1015.7	20.9		17.4		0	0				
61442 NOUAKCHOTT	1806N	01557W	3		1012.4	1012.7	24.2		14.0						306	
SENEGAL																
61600 SAINT-LOUIS	1603N	01627W	4		1011.7	1012.2	24.9		18.8	.9	01	1	0	5		
61612 PODOR	1639N	01458W	7		1011.4	1012.2	28.4		14.7	1.4	1	2	1	5	248	
61627 LINGUERE	1523N	01507W	21				29.2		15.8	2.3	0	0	-1	0	217	88
61630 MATAM	1539N	01315W	17		1009.7	1011.5	30.5		15.5	1.7	1	T	-2	4	149	55
61641 DAKAR/YOFF	1444N	01730W	27		1009.2	1012.5	24.8		23.4	-3	4	0	-1	0	227	91
61679 KAOLACK	1408N	01604W	7		1011.6	1012.4	29.1		19.8		1	T	-4	5	203	80
61687 TAMBACOUNDA	1346N	01341W	50		1004.9	1010.6	29.7		16.3	.1	0	0	-1	0		
61695 ZIGUINCHOR	1233N	01616W	26		1008.8	1011.4	27.0		24.8	.9	0	T	-5	4		
61697 CAP-SKIRRING	1224N	01645W	16		1009.9	1011.3	26.8		25.2		0	0		0	278	110
61698 KOLDA	1253N	01458W	10		1009.5	1010.6	26.8		25.1	3.4		T	-004	4		
GUINEA-BISSAU																
61766 BISSAU (AEROPORTO INT. OSVAL)	1153N	01539W	39		1006.2	1010.3	28.1		24.2		01	1				
OCEAN ISLANDS																
61901 ST. HELENA IS.	1556S	00540W	436		965.8	1016.7	17.5				10	22			94	110
61968 ILES GLORIEUSES	1130S	04712E	4		1012.3	1012.8	27.8		27.4		2	28				
61970 ILE JUAN DE NOVA	1700S	04242E	10		1012.5	1013.6	27.6		27.4							
61972 ILE EUROPA	2218S	04018E	6		1014.2	1014.9	25.2		22.5		2	5				
61976 SERGE-FROLOW (ILE TROMELIN)	1548S	05430E	13		1011.6		27.1		26.9		7	46				
61980 SAINT-DENIS/GILLOT (REUNION)	2053S	05532E	20		1014.6	1016.1	25.2		23.0		9	48			223	
61996 MARTIN DE VIVIES (ILE AMSTER)	3748S	07730E	29		1020.6	1024.1	15.0		14.1		11	93	3		157	105
61998 PORT-AUX-FRANCAIS (ILES KERG)	4918S	07012E	29		1005.2	1008.9	6.6	1.9	7.1		8	41	-11		143	82
OCEAN ISLANDS (USA)																

SURFACE

NOVEMBER 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.
61902 WIDE AWAKE FIELD (ASCENSION)	0758S	01424W	79		1003.5	1013.5	25.7		22.9			2				
MAURITIUS																
61974 AGALEGA	1026S	05645E	3		1011.5	1012.0	28.2	1.5	30.4	2.1	10	191	66	3	239	95
61988 RODRIGUES	1941S	06325E	59		1010.0	1016.3	25.3	1.2	25.9	3.1	11	72	9	4	239	88
61990 PLAISANCE (MAURITIUS)	2026S	05741E	57		1010.7	1016.6	25.5	1.7	25.0	1.7	13	251	162	5	246	102
61995 VACOAS (MAURITIUS)	2018S	05730E	425		968.4		22.6	9.1	22.4		14	284		6	218	90
LIBYA																
62002 NALUT	3152N	01059E	621		946.6	1537 Y	16.2		10.9		3	29		5		
62007 ZUARA	3253N	01205E	3		1017.0	1017.4	19.2		15.7		3	40		4		
62008 YEFREN	3205N	01233E	691		937.8	1522 Y	15.4		11.2		2	44				
62012 EL KHOMS	3238N	01418E	22		1014.3	1017.3	20.1		16.1		4	16				
62016 MISURATA	3225N	01503E	32		1016.4	1019.4	19.2		14.9		3	30		3	117	110
62019 SIRTE	3112N	01635E	14								1	10		2		
62053 BENINA	3206N	02016E	132		1002.5	1018.3	19.0		13.7		2	27		3		
62062 TOBRUK	3206N	02356E	51		1011.7	1017.7	20.0		15.3		4	58				
62103 GHADAMES	3008N	00930E	347								3	14		6		
62131 HON	2907N	01557E	267								01	1		4		
62161 JALO	2902N	02134E	60		1010.4	1015.8	20.5		11.9		0	0		4		
62176 GIGHBUB	2945N	02432E	-1		1017.4	1017.3	12.6		13.7		2	4		5		
EGYPT																
62306 MERSA MATRUH	3120N	02713E	28		1014.7	1018.2	19.3	1.4	13.2	-8	3	26		3	229	103
62318 NOUZHA	3112N	02957E	7		1016.2	1016.0	20.2	1.5	16.2	1.7	9	81		5		
62337 EL ARISH	3105N	03349E	32		1012.4	1016.0	18.6	.9	13.9	-2	3	30		5		
62417 SIWA	2912N	02519E	-13		1018.8	1017.4	19.1	1.8	11.0	.2	1	3		2	279	105
62423 FARAFRA	2703N	02759E	78		1008.0	1017.3	18.3	.7			0	0		0	294	95
62435 KHARGA	2527N	03032E	78		1006.0	1015.3	21.2	.9	10.5	-6	0	0		0	300	104
62467 DAHAB	2829N	03430E	19		1010.7	1012.7	24.3				2	15		4	252	90
SUDAN																
62600 WADI HALFA	2149N	03121E	190		993.4	1014.2	23.6	1.1	10.1		0	0	0	0		
62640 ABU HAMED	1932N	03319E	312		975.5	1011.0	25.9	-.2	11.7		0	0	-1	0		
62641 PORT SUDAN	1935N	03713E	42		1007.1	1012.3	27.4	.1	23.3							
62650 DONGOLA	1910N	03029E	226		985.8	1012.7	24.0	.5	8.4		0	0	-1	0		
62660 KARIMA	1833N	03151E	249		983.5	1013.7	25.4	-.2	9.3		0	0	-T	0		
62680 ATBARA	1742N	03358E	347		971.5	1010.7	27.0	-.4	12.6		0	0	0	0		
62721 KHARTOUM	1536N	03233E	382		967.4	1010.2	27.5	-.6	7.1		0	0	-1	0		
62730 KASSALA	1528N	03624E	500		953.2	1008.5	29.6	.4	13.8		0	0	-1	1		
62733 HALFA EL GAIDIDA	1519N	03536E	451		958.9	1009.0	28.2	.1	15.6			15	14	0		
62750 ED DUEIM	1400N	03220E	378		967.4	1009.9	28.0	-.2	9.9		0	0	-1	0		
62751 WAD MEDANI	1424N	03329E	408		964.5	1010.0	27.2	-.1	18.3		1	20	19			

SURFACE

NOVEMBER 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.
62752 GEDAREF	1402N	03524E	599		945.3	1005.3	29.3	.4	14.1			5	2	2		
62760 EL FASHER	1337N	02520E	733		930.5	1010.5	27.1	4.1	6.7			0	0	-T	0	283
62762 SENNAR	1333N	03337E	418		960.9	1007.9	25.3	-2.2	13.9			0	0	-1	0	
62770 GENINA	1329N	02227E	805		922.2	1009.5	28.7	4.7	6.4			0	0	-1	0	302
62771 EL OBEID	1310N	03014E	574		945.8	1009.6	27.6	1.7	7.8			0	0	-1	1	286
62772 AROMA	1310N	03240E	381		966.2	1009.5	27.7	.1	11.5			0	0	-2	0	
62781 EN NAHUD	1242N	02826E	565		948.1	1011.3	26.7	.8	9.6			0	0	-T	0	
62790 NYALA	1203N	02453E	643		939.0	1010.5	26.5	.0	7.1			0	0	-T	0	
62795 ABU NA'AMA	1244N	03408E	445		958.6	1008.0	28.6	.3	13.7			16	15	1	1	
62803 RASHAD	1152N	03103E	885				29.6	2.7	11.0			0	0	-1	0	
62805 DAMAZINE	1147N	03423E	474		955.1	1007.2	28.0	.1	16.1			0	0	-2	0	
62809 BABANUSA	1120N	02749E	453		960.7	1009.0	32.2	4.0	10.7			0	0	-1	0	
62810 KADOGLLI	1100N	02943E	499				31.9	4.4	12.2			0	0	-1	0	
ETHIOPIA																
63331 GONDAR	1233N	03725E	1967		809.0	1024.1	29.0		13.7			2	0029			79
63402 JIMMA	0740N	03650E	1725		839.3	1005.1	18.9		15.9			9	0079		3	193
KENYA																
63619 MOYALE	0332N	03902E	1097		891.6		22.1		20.4			9	0064			
63624 MANDERA	0356N	04152E	331		986.3		30.4		24.4			8	0109			
63661 KITALE	0101N	03500E	561		817.2		19.6	1.5	15.7	2.7		8	0044	-046		
63686 ELDORET	0032N	03517E	2133				18.0		12.5			2	0013			
63723 GARISSA	0028S	03938E	128				29.5	-4	24.4	-4		3	0012			
63740 NAIROBI/KENYATTA AIRPORT	0119S	03655E	1624		839.9		22.6		15.7			11	0062			
63799 MALINDI	0314S	04006E	23		1011.9	1009.3	27.4		30.4			0	0			
63820 MOMBASA INTERNATIONAL	0402S	03937E	6		1012.6	1005.9	27.4	.5	22.9	-3.0		7	0048	-056		
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		850.2	1496 Y	20.7		18.2			15	75	-52		
CONGO																
64400 POINTE-NOIRE	0449S	01154E	17		1009.1	1011.0	27.0		30.4			14	234	5	163	115
64401 DOLISIE	0412S	01242E	331		972.9	1009.6	26.3		27.3			11	252	3	144	
64402 MOUYONDZI	0400S	01357E	512		952.1	1008.5	25.3		26.7			14	242	3	48	
64403 MAKABANA	0329S	01237E	161				26.9		28.9			15	269	2	124	
64405 SIBITI	0341S	01321E	530		949.3		26.0		26.4			14	233	3		
64450 BRAZZAVILLE /MAYA-MAYA	0415S	01515E	319		974.2	1009.3	26.5		26.4			15	240	2	173	110
64452 M'POUYA	0237S	01613E	313				25.8		27.3			14	178	2		
64453 DJAMBALA	0232S	01446E	791				23.5		24.8			18	435	3	136	

SURFACE

NOVEMBER 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.
64454 GAMBOMA	0154S	01551E	476				26.2		26.5		9	123		0	155	
64456 MAKOUA	0001S	01539E	394				25.9		27.6		13	245				
64458 OUESSO	0137N	01603E	352		969.7	1008.1	25.7		27.3		11	170		3	172	
64459 IMPFONDO	0137N	01804E	335		973.7	1010.0	25.7		28.1		7	133				
64460 SOUANKE	0204N	01402E	550				24.9				13	186				
CENTRAL AFRICAN REPUBLIC																
64600 BERBERATI	0415N	01548E	583		944.3	1009.7	25.0		26.4		2	12			192	
64601 BOUAR	0558N	01538E	1020		898.9	1505 Y	24.1		17.9		1	2				
64650 BANGUI	0424N	01831E	366		967.9	1008.5	26.5		27.9		8	104			208	
CHAD																
64700 NDJAMENA	1208N	01502E	295		975.8	1009.2	28.2		11.5	1.2	0	0	-1	6	287	96
64750 SARH	0909N	01823E	365		968.1	1008.5	27.9		18.8	-1.0	0	0	-3	6	264	101
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	24.1		29.5		17	450				
CAMEROON																
64910 DOUALA OBS.	0400N	00944E	10		1009.0	1001.0	27.0	.1	30.9	1.6	14	239	106	5	159	98
NIGERIA																
65123 MINNA	0937N	00632E	262		974.2	1006.1	27.7	.8	19.7	2.0	0	0	-1	1	273	102
65167 YOLA	0914N	01228E	191		990.4	1012.2	37.0		18.5	4.2	0	0	-1	1	245	87
BENIN																
65306 KANDI	1108N	00256E	292		977.2	1002.5	27.1	.6	19.4	4.5	0	0	-1	0	292	104
65335 SAVE	0802N	00228E	200		987.5	1009.6	27.9	-.1	27.7	3.4	1	15	2	4	253	116
65344 COTONOU	0621N	00223E	9		1009.0	1010.1	29.0	1.4	32.4	2.1	4	77	36	5	218	90
TOGO																
65351 DAPAON	1052N	00015E	330				30.0		18.2		0	0		0		
65352 MANGO	1022N	00028E	146				29.0	1.1	20.9		0	0	-5	3	274	101
65355 NIAMTOUGOU	0946N	00106E	343		958.8	1010.2	26.3		20.4		0	0		2	260	
65357 KARA	0933N	00110E	341		971.4	1010.0	27.5		21.7		0	0		0		
65361 SOKODE	0859N	00109E	387				26.7		23.6		0	0	-19	2		
65376 ATAHPAME	0735N	00107E	402		964.5	1020.1	27.3	.7	20.4		1	3	-26	2	269	107
65380 TABLIGBO	0635N	00130E	44				27.9	.1	30.7		5	21	-26	2		
65387 LOME	0610N	00115E	25		1007.4	1010.0	29.2	1.9	33.5		1	12	-8	2	252	105

SURFACE

NOVEMBER 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.
BURKINA FASO																
65501 DORI	1402N	00002W	277		978.9	1009.8	28.7		10.9		0	0		5	282	95
65502 OUAHIGOUYA	1334N	00225W	337		971.8	1008.9	29.4		11.1		0	0		5	275	95
65503 OUAGADOUGOU	1221N	00131W	316		975.5	1009.4	28.8		15.2		0	T		4	273	95
65505 DEDOUGOU	1228N	00329W	300		976.1	1009.3	29.4		13.7		0	0		4	288	100
65507 FADA N'GOURMA	1202N	00022E	309		975.0	1009.3	28.4		13.8		0	0		5	236	80
65510 BOBO-DIOULASSO	1110N	00419W	460		958.6	1000.9	28.4		18.4		1	6		4	281	105
65516 BOROMO	1145N	00256W	271		978.9	1009.1	27.9		16.5		0	0		4	273	100
65518 PO	1109N	00109W	322		972.6	1008.3	28.6		18.9		0	0		4	276	100
65522 GAOUA	1020N	00311W	335		976.9	1009.3	27.7		21.4		1	10		4	270	95
COMOROS																
67002 HAHAYA INT. AIRPORT	1132S	04316E	29		1009.4	1013.6	27.8		27.7		5	301		2	316	
67005 PAMANDZI (MAYOTTE)	1248S	04517E	7		1012.3	1013.1	27.9		28.1		1	62			264	
MADAGASCAR																
67027 MAHAJANGA	1540S	04621E	26		1010.2	1012.0	28.2	.5	27.1	.0	11	117	-1	3	290	101
67083 ANTANANARIVO/IVATO	1848S	04729E	1279		874.6	1535 Y	21.3	1.6	17.2	.0	11	546	359	6	256	110
67095 TOAMASINA	1807S	04924E	6		1014.5	1015.1	25.3	1.0	26.8	1.0	17	121	-48	2	253	107
67197 TAOLAGNARO	2502S	04657E	9		1014.3	1015.3	23.7	.0	24.5	.5	15	132	-19	3	217	94
MOZAMBIQUE																
67215 PEMBA	1259S	04032E	101		1003.3	1014.4	27.0				1	T		0		
67217 LICHINGA	1318S	03514E	1365		868.6	1547 Y	21.3		18.7		7	66		1		
67223 MONTEPUEZ	1308S	03902E	535		948.9		26.7		27.0		3	43				
67237 NAMPULA	1506S	03917E	441		964.2	1014.7	25.9		22.1		3	76		3	227	110
67261 TETE	1611S	03335E	150		998.7		29.2		23.2		6	356		6	255	
67283 QUELIMANE	1753S	03653E	16		1012.5	1014.4	26.6		25.5		4	186		6		
67295 CHIMOIO	1907S	03328E	732		937.8		22.7		19.9		7	103			214	
67297 BEIRA	1948S	03454E	16		1012.9	1014.7	25.7		24.6		7	53		3		
67323 INHAMBANE	2352S	03523E	15		1015.4	1017.0	25.0		21.6		6	41		2	266	
67335 XAI XAI	2503S	03338E	5		1013.0	1014.7	24.3		21.4		5	23		1	263	
67341 MAPUTO/MAVALANE	2555S	03234E	44								6	46		1		
SOUTH AFRICA																
68174 PIETERSBURG	2350S	02925E	1228		881.1	1537 Y	21.3		13.9		5	26	18	1	253	108
68242 MMABATHO	2547S	02532E	1281		874.5	1529 Y	24.3		9.0		3	5			328	
68424 UPINGTON	2825S	02116E	851		919.4	1530 Y	25.4		5.8		1	1	0	1	351	102
68438 KIMBERLEY	2848S	02446E	1204		881.5	1514 Y	23.9		6.8		3	15	11	2	327	105
68442 BLOEMFONTEIN AIRPORT	2906S	02618E	1359				21.1		7.3		2	11	6	1	295	100
68461 BETHLEHEM	2815S	02820E	1690		834.7	1534 Y	18.8		10.9		3	53		2	295	110
68512 SPRINGBOK	2940S	01754E	1007		902.7	1526 Y	20.4		7.1		2	2		4	335	
68538 DE AAR	3039S	02400E	1287		872.1	1508 Y	21.4		5.9		0	0		1	359	

SURFACE

NOVEMBER 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.
68592 KING SHAKA INT'L AIRPORT	2936S	03107E	109				20.3		18.1		7	55			187	
68618 CALVINIA	3128S	01946E	975		905.7	1523 Y	19.1		7.1		1	1		2	359	
68816 CAPE TOWN INTNL. AIRPORT	3358S	01836E	46				18.9		13.1		4	9	8	3	326	106
68828 GEORGE AIRPORT	3401S	02223E	191				16.4		14.0		6	97			256	110
68842 PORT ELIZABETH	3359S	02537E	69				17.6		15.3		5	32	28	2	255	102
68858 EAST LONDON	3302S	02750E	131				19.2		15.7		6	22	11	1	262	122
68906 GOUGH ISLAND	4021S	00953W	54		1011.6	1018.1	12.7		11.3		13	132	106	0	151	94
68994 MARION ISLAND	4653S	03752E	22		1008.5	1011.4	6.5		7.9		13	87	70	1	133	84
N AMERICA																
USA (ALASKA)																
70026 BARROW/W. POST W. ROGERS	7117N	15647W	12		1015.9	1016.7	-13.1	5.6	2.4		5	18	12	5		
70086 BARTER ISLAND	7008N	14338W	15				-14.7									
70133 KOTZEBUE, RALPH WIEN	6653N	16236W	5		1007.2	1008.2	-7.8	5.6	2.8		7	16	1	4		
70200 NOME, AK	6430N	16526W	6		1003.3	1004.5	-3.9	5.0	4.0		12	38	12	5		
70219 BETHEL/BETHEL AIRPORT, AK	6046N	16150W	44		996.7	1002.9	-4.5	3.9	4.0		7	34	7	4		
70231 MCGRATH, AK	6257N	15530W	103		994.4	1007.7	-9.7	5.6	2.4		9	42	10	4		
70251 TALKEETNA	6218N	15000W	109		991.6	1005.3	-1.9	6.7	3.9		7	34	-9	3		
70261 FAIRBANKS/INT., AK	6448N	14750W	135		991.4	1009.4	-11.2	5.1	2.3		6	17	-3	3		
70273 ANCHORAGE/INT., AK	6109N	14950W	50		999.2	1004.4	-1.0	5.0	4.7		7	37	9	4		
70308 ST. PAUL ISLANDS, AK	5709N	17013W	10		1000.0	1000.8	2.0	1.4	6.0		19	69	-2	4		
70316 COLD BAY, AK	5512N	16240W	31		995.0	999.1	4.4	3.1	7.4		22	115	9	4		
70326 KING SALMON, AK	5840N	15630W	14		998.2	1000.3	.4	5.8	5.2		7	26	-11	2		
70341 HOMER/MUNICIPAL	5938N	15130W	24		999.5	1002.4	2.1	4.0	5.9		13	93	27	4		
70361 YAKUTAT, AK	5931N	13940W	13		1006.0	1006.9	3.8	4.2	7.0		16	388	20	3		
USA																
72201 KEY WEST/INT., FL	2433N	08145W	5		1015.6	1016.5	26.6	2.4	25.7		5	31	-41	3		
72202 MIAMI, FL	2545N	08023W	5		1015.6	1016.8	24.3	1.2	23.8		7	70	3	4		
72203 WEST PALM BEACH/ INT. FL.	2641N	08006W	7		1016.2	1017.1	23.1	.7	23.1		12	46	-73	2		
72205 ORLANDO/JETPORT FL.	2826N	08119W	32		1013.8	1017.7	21.0	1.0	18.3		7	56	-2	4		
72206 JACKSONVILLE/INTNL.,	3029N	08142W	11		1016.8	1018.1	17.3	.7	16.2		9	132	77	6		
72207 SAVANNAH/MUNICIPAL,	3208N	08112W	15		1016.8	1018.8	14.8	-.3	14.5		11	93	38	5		
72208 CHARLESTON/MUN., SC.	3253N	08001W	15		1016.7	1018.6	14.6	-1	14.3		10	139	76	5		
72211 TAMPA/INT., FL.	2758N	08232W	8		1017.3	1017.9	21.5	1.8	19.4		4	16	-29	2		
72214 TALLAHASSEE/MUN.,	3023N	08421W	19		1015.9	1018.6	15.1	-.3	15.5		13	134	36	5		
72217 MACON/LEWIS B. WILSON, GA.	3242N	08339W	110		1005.8	1019.1	11.7	-1.6	11.8		12	142	73	5		
72218 AUGUSTA/BUSH FIELD,	3322N	08158W	45		1013.5	1019.1	12.1	-.7	11.8		13	152	89	5		
72219 ATLANTA/MUN., GA.	3339N	08425W	315		981.8	1019.4	10.2	-1.5	9.8		13	185	87	6		
72223 MOBILE/BATES FIELD,	3041N	08815W	67		1010.8	1019.0	13.9	-1.5	14.0		13	160	56	5		
72226 MONTGOMERY/DANNELLY,	3218N	08624W	67		1011.9	1019.4	11.6	-2.1	11.9		9	138	35	5		
72231 NEW ORLEANS/MOISANT INT., LA	2959N	09015W	9		1018.0	1019.2	15.8	-.4	15.5		12	193	81	5		

SURFACE

NOVEMBER 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.
72234 MERIDIAN/KEY, MS.	3220N	08845W	94		1007.9	1019.4	11.5		11.0		12	176		5		
72235 JACKSON/ALLEN C. THOMPSON FI	3219N	09004W	91		1007.1	1019.3	10.9	-2.3	11.1		11	212	90	5		
72240 LAKE CHARLES/MUN.,	3007N	09312W	5		1018.5	1019.7	14.9	-.9	14.9		9	112	4	4		
72242 GALVESTON, TX.	2918N	09448W	16		1018.3		16.5	-1.4			9	56	-29	3		
72243 HOUSTON/INTERCONTINENTAL, TX	2958N	09521W	33		1014.9	1019.0	14.8	-1.3	14.3		9	45	-51	2		
72244 HOUSTON, TX WM P HOBBY ARPT	2938N	09516W	15		1016.8	1019.1	15.3		13.6		10	47				
72248 SHREVEPORT/REG., LA.	3227N	09350W	85		1009.3	1018.9	11.1	-2.6	10.9		10	214	101	5		
72250 BROWNSVILLE/INT., TX	2555N	09725W	8		1016.8	1017.6	18.7	-1.7	19.2		8	48	10	4		
72251 CORPUS CHRISTI/INT.,	2746N	09730W	15		1016.4	1018.2	17.1	-1.6	15.9		6	81	41	5		
72253 SAN ANTONIO/INT.,	2932N	09828W	247		989.7	1018.2	13.7	-2.1	11.2		5	45	-21	3		
72254 AUSTIN/CTY, TX.	3018N	09742W	193		995.4	1019.5	13.8	-2.3	10.7		5	44	-16	3		
72255 VICTORIA/VICTORIA REGIONAL,	2851N	09655W	36		1014.4	1018.8	15.1	-2.1	13.9		6	57	-5	3		
72256 WACO, MADISON-COOPER,	3137N	09713W	157		1000.5	1019.0	11.8	-2.5	10.1		5	81	20	4		
72258 DALLAS, TX DALLAS LOVE FIELD	3250N	09651W	156		1000.5	1018.7			9.3		5	35				
72259 DALLAS-FORT WORTH/FORT WORTH	3254N	09702W	182		996.4	1018.1	11.4	-2.0	8.7		4	22	-36	2		
72263 SAN ANGELO/MATHIS,	3122N	10030W	584		951.2	1019.0	11.1	-1.9	8.5		01	1	-26	1		
72265 MIDLAND/MIDLAND REG. AIR TER	3156N	10210W	875		918.0	1017.4	10.5	-.9	6.6		1	1	-16	2		
72266 ABILENE/MUN., TX.	3225N	09941W	546		954.5	1018.3	11.2	-1.5	8.2		2	7	-30	1		
72267 LUBBOCK/LUBBOCK INTERNATIONA	3339N	10140W	996		904.5	1017.4	8.3	-1.6	5.5		1	2	-17	2		
72270 EL PASO/INT., TX.	3148N	10620W	1206		883.2	1016.0	12.1	.8	5.0		0	0	-11	1		
72272 DOUGLASS BISBEE, AZ INTL ARP	3128N	10936W	1251		877.2	1016.6	14.7		5.1		0	0				
72274 TUCSON/INT., AZ.	3207N	11050W	788		927.6	1015.8	15.4	.3	5.5		1	2	-15	2		
72278 PHOENIX/SKY HARBOR,	3326N	11200W	344		976.1	1015.2	17.7	1.1	6.0		2	9	-7	3		
72290 SAN DIEGO/LINDBERGH,	3244N	11710W	9		1016.1	1017.1	18.7	2.0	10.2		2	21	-15	3		
72295 LOS ANGELES /INT.,	3356N	11820W	38		1004.8	1016.5	18.4	2.0	10.1		3	53	9	4		
72301 HICKORY, NC HICKORY RGNL ARP	3544N	08123W	357		975.8	1018.1			8.5		11	178				
72304 CAPE HATTERAS, NC.	3516N	07533W	3		1018.0	1018.5	15.2	1.3	15.1		11	287	161	5		
72306 RALEIGH/RALEIGH-DURHAM, NC.	3552N	07847W	134		1003.0	1019.3	9.1	-1.6	9.6		9	180	105	5		
72307 ELIZABETH CITY, NC CG AIR ST	3615N	07610W	12		1018.3	1018.9	11.8		11.7		13	166				
72308 NORFOLK/INT., VA.	3654N	07612W	9		1017.4	1018.6	11.4	.0	11.4		9	105	33	4		
72310 COLUMBIA, SC.	3357N	08107W	72		1010.7	1019.0	11.5	-1.1	11.7		10	167	94	5		
72312 GREENVILLE/GREENVILLE SPARTA	3454N	08213W	296		983.8	1019.2	8.8	-2.1	9.1		13	211	119	6		
72314 CHARLOTTE/DOUGLAS,	3513N	08056W	234		991.3	1019.3	9.3	-1.9	9.4		15	151	69	5		
72315 ASHEVILLE/MUN., NC.	3526N	08233W	661		941.5	1018.9	7.1	-1.5	7.7		12	182	91	5		
72316 ALMA, GA BACON COUNTY ARPT	3132N	08230W	44		1011.0	1018.6	14.8		13.8		9	73				
72317 GREENSBORO/G.-HIGH PT., NC.	3605N	07957W	277		986.5	1018.9	7.8	-1.9	8.7		11	164	89	6		
72319 ANDERSON RGNL ARPT	3429N	08242W	240		990.9	1019.0			9.2		14	175				
72323 HUNTSVILLE/MADISON CO., AL.	3439N	08646W	196		995.8	1019.3	8.8	-2.0	9.7		10	159	36	4		
72324 CHATTANOOGA/LOVELL FIELD, TN	3502N	08512W	210		994.6	1019.9	8.1	-2.2	8.2		15	187	70	5		
72325 CROSSVILLE, TN	3557N	08505W	571		951.7	1019.2	4.8		7.5		12	162				
72326 KNOXVILLE/MUN., TN.	3549N	08359W	299		983.3	1019.1	7.4	-1.9	8.8		16	151	56	5		
72327 NASHVILLE/METROPOLITAN, TN.	3607N	08641W	180		997.2	1019.5	8.0	-2.0	8.0		11	115	11	4		
72328 CLARKSVILLE, TN	3637N	08724W	171		998.8	1019.2	5.8		7.4		11	115				
72329 CAPE GIRARDEAU, MO	3713N	08934W	103		1006.1	1019.2	5.1		7.3		11	88				
72335 BRISTOL-JOHNSON-KINGSPORT, T	3628N	08223W	469		964.1	1018.4	6.7		8.3		13	128				
72340 LITTLE ROCK/ADAMS FLD,	3450N	09216W	173				8.1				10	124		4		

SURFACE

NOVEMBER 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.
72344 FORT SMITH/MUN., AR.	3520N	09422W	143		1001.9	1019.1	8.1	-2.2	7.7		7	42	-59	2		
72345 HARRISON, AR BOONE COUNTY AP	3615N	09309W	421		968.2	1018.6	6.3		6.8		7	96				
72351 WICHITA FALLS/SHEPS AFB/WICH	3358N	09829W	314		980.8	1018.3	9.8	-1.5	7.7		1	6	-33	1		
72353 OKLAHOMA CITY/W. ROGERS WORL	3523N	09736W	398		970.9	1018.5	7.1	-2.7	6.7		2	14	-36	2		
72360 CLAYTON/MUN., NM.	3627N	10300W	1515		847.3	1017.0	4.7	-1.3	4.6		1	3	-10	2		
72365 ALBUQUERQUE/INT., NM.	3502N	10630W	1619		839.0	1018.6	6.3	-.5	3.8		0	0	-10	1		
72366 CHILDRESS, TX CHILDRESS MUNI	3426N	10017W	595		948.4	1018.2	9.0		6.4		1	10				
72386 LAS VEGAS/MCCARRAN,	3605N	11510W	664		940.7	1017.7	14.2	1.4	4.0		1	6	-4	3		
72389 FRESNO/AIR TERM.,	3646N	11940W	101		1005.9	1017.6	14.3	2.3	9.4		3	43	9	4		
72398 SALISBURY, MD	3820N	07530W	20		1016.3	1018.9	8.3		9.8		10	114				
72399 HARRISBURG, PA	4011N	07645W	96		1006.8	1018.6	5.4		6.7		10	217				
72401 RICHMOND/BYRD, VA.	3730N	07720W	54		1012.9	1019.5	8.5	-1.3	8.7		10	144	64	5		
72405 WASHINGTON/NAT., VA.	3851N	07702W	20		1016.7	1019.3	8.1	-1.8	7.6		10	192	113	6		
72406 BALTIMORE/BALTIMORE-WASHINGT	3911N	07640W	48		1012.8	1018.7	6.5	-1.7	7.6		10	207	123	6		
72407 ATLANTIC CITY, NJ.	3927N	07434W	21		1015.5	1018.0	7.6	-.1	8.7		12	269	179	6		
72408 PHILADELPHIA/INT.,	3953N	07515W	9		1017.4	1018.5	6.5	-1.5	7.2		11	230	146	5		
72411 ROANOKE/MUN., VA.	3719N	07958W	358		976.9	1019.9	7.0	-1.6	7.3		9	122	41	5		
72412 BECKLEY (RALEIGH CTY. MEMORI	3747N	08107W	766		928.9	1019.5	4.4	-1.9	6.5		13	130	55	5		
72414 CHARLESTON/KANAWHA.,	3822N	08136W	299		983.1	1019.1	5.9	-2.3	7.3		13	110	19	5		
72418 WILMINGTON, DE NEW CASTLE AP	3940N	07536W	23		1015.6	1018.7	6.2		7.7		11	221				
72419 JACKSON, KY JULIAN CARROL AP	3735N	08318W	414		969.5	1019.0	6.3		7.5		10	125				
72420 MANSFIELD, OH	4049N	08231W	396		969.9	1018.5	1.9		6.2		10	136				
72421 CINCINNATI/GREATER CINCINNAT	3903N	08440W	271		986.1	1018.6	4.5	-2.3	7.3		14	143	56	5		
72422 LEXINGTON/BLUE GRASS, KY.	3802N	08436W	301		982.7	1019.1	5.6		7.9		14	123		5		
72423 LOUISVILLE/STANDIFORD, KY.	3811N	08544W	151		1000.9	1019.1	6.3	-2.1	7.3		15	121	27	4		
72425 HUNTINGTON, WV.	3822N	08233W	255		988.2	1019.1	5.8	-2.3	7.0		12	107	24	4		
72427 OAK RIDGE, TN	3601N	08413W	279		986.6	1020.5			8.9		14	133				
72428 COLUMBUS/PORT COLUMBUS, OH.	4000N	08253W	254		988.5	1018.8	4.0	-2.1	6.4		9	145	64	6		
72429 DAYTON/. COX, OH.	3952N	08407W	307		981.9	1019.1	3.5	-2.6	6.5		10	145	67	6		
72432 EVANSVILLE/REG., IN.	3803N	08732W	127		1005.0	1019.5	4.7	-3.2	7.4		10	105	11	4		
72434 ST. LOUIS/LAMBERT,	3845N	09022W	174		992.8	1019.6	3.8	-4.1	6.9		12	70	-13	4		
72438 INDIANAPOLIS/I.-MUN/WEIR COO	3944N	08616W	246		988.8	1018.8	3.3	-2.8	6.5		9	90	8	4		
72439 SPRINGFIELD/CAPITAL,	3951N	08940W	187		996.3	1019.3	1.8	-4.3	6.4		10	74	10	5		
72442 ROLLA-VICHY, MO, ROLLA NAT A	3807N	09146W	344		977.1	1019.1	3.4		6.5		12	66				
72443 QUINCY, IL	3956N	09111W	237		990.4	1018.9	1.7		5.8		5	50				
72445 COLUMBIA/REGIONAL,	3849N	09213W	274		985.8	1019.1	3.1	-3.6	6.1		8	73	-1	4		
72451 DODGE CITY/MUN., KS.	3745N	09958W	790		925.5	1018.4	4.1	-2.1	5.3		4	13	-8	3		
72458 CONCORDIA/BLOSSER MUN., KS.	3933N	09739W	453		964.5	1019.1	2.6	-2.7	5.5		4	44	16	4		
72476 GRAND JUNCTION/WALKER FIELD,	3907N	10830W	1474		854.5	1021.1	2.4	-2.3	3.7		2	5	-13	1		
72477 EUREKA, NV RAMOS	3936N	11600W	1811		820.9	1022.1	.5		3.5		5	21				
72483 SACRAMENTO/EXECUTIVE CA.	3831N	12130W	8		1017.0	1017.9	12.2	.4	8.8		6	63	-6	4		
72486 ELY/YELLAND, NV.	3917N	11450W	1909		810.9	1022.1	.6	-.6	3.1		4	11	-6	3		
72488 RENO/INT., NV.	3930N	11940W	1344		869.2	1020.8	6.7	2.1	4.3		3	23	1	4		
72494 SAN FRANCISCO/INT.,	3737N	12220W	6		1017.7	1017.6	13.8	1.1	11.2		6	78	6	4		
72495 CONCORD, CA	3759N	12203W	12		1015.8	1016.6	14.1		8.2		6	87				
72503 NEW YORK/LA GUARDIA,	4046N	07354W	9		1016.2	1017.5	7.6	-1.0	6.8		12	180	84	5		

SURFACE

NOVEMBER 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.
72505 ISLIP, NY, LONG IS ARTHUR AP	4047N	07306W	44		1013.4	1017.2	6.5	-1.3	7.6		12	214	110	5		
72506 NEW YORK, NY CENTRAL PARK	4046N	07358W	48		1008.8	1017.5	7.0		6.9		12	194				
72507 PROVIDENCE/GREEN STATE, RI.	4144N	07126W	19		1014.5	1016.9	5.2	-1.5	7.2		13	269	157	6		
72508 HARTFORD/BRADLEY INTNL., CT.	4156N	07241W	55		1010.4	1017.1	3.7	-1.8	6.3		15	210	108	5		
72509 BOSTON/LOGAN INT.,	4222N	07102W	9		1015.3	1016.5	6.1	-1.3	6.7		14	235	128	6		
72510 WORCESTER, MA WORCESTER RGNL	4216N	07152W	306		978.7	1016.6	2.2		6.2		15	254				
72513 WILKES-BARRE-SCRANTON, PA.	4120N	07544W	292		982.1	1017.6	3.2	-2.0	6.2		15	166	89	5		
72515 BINGHAMTON/BROOME CO., NY.	4213N	07559W	497		956.9	1017.3	.4	-3.1	5.6		17	154	71	5		
72517 ALLENTOWN/A.-BETHLEHEM-EASTO	4039N	07526W	118		1003.7	1018.2	5.0	-1.2	6.6		12	247	149	6		
72519 SYRACUSE/HANCOCK,	4307N	07607W	128		1001.9	1017.3	1.4	-3.3	6.0		20	160	66	5		
72520 PITTSBURGH/GREATER PITTSBURG	4030N	08013W	373		974.0	1019.3	3.0	-2.7	6.4		16	116	44	5		
72521 AKRON/AKRON-CANTON REG. OH.	4055N	08126W	377		972.7	1018.5	2.9	-2.7	5.8		11	114	38	5		
72522 GLENN FALLS, NY	4320N	07336W	104		1004.7	1017.7	1.1		5.9		14	133				
72525 YOUNGSTOWN, OH.	4116N	08040W	365		974.3	1018.2	2.6	-2.4	6.1		13	106	27	5		
72528 BUFFALO/GREATER BUFFALO INT.	4256N	07843W	219		990.9	1017.4	2.0	-2.7	5.8		14	125	28	5		
72529 ROCHESTER/ROCHESTER-MONROE C	4307N	07740W	171		996.5	1017.7	2.5	-2.2	6.3		18	115	41	5		
72530 CHICAGO/O'HARE, IL.	4159N	08754W	205		993.3	1018.5	1.5	-2.9	5.3		12	82	8	5		
72532 PEORIA/GREATER PEORIA MUN.,	4040N	08941W	202		994.4	1019.3	1.5	-3.6	5.9		11	81	13	5		
72533 FORT WAYNE/MUN.,	4100N	08512W	252		988.0	1018.9	2.8	-2.4	6.3		13	98	28	5		
72535 SOUTH BEND/ST.JOSEPH CO., IN	4142N	08619W	241		989.9	1018.9	1.1	-3.8	5.5		12	79	-4	4		
72536 TOLEDO/EXPRESS, OH.	4136N	08348W	211		992.6	1018.5	2.6	-1.8	5.7		11	105	34	5		
72537 DETROIT/METROPOLITAN, MI.	4214N	08320W	202		993.5	1018.3	2.8	-1.8	5.4		11	92	25	5		
72542 BURLINGTON, IA	4046N	09107W	212		992.7	1019.1	.9		5.4		6	56				
72543 ROCKFORD/GREATER ROCKFORD, I	4212N	08906W	226		991.0	1019.4	.2	-3.1	5.0		9	52	-13	3		
72544 MOLINE/QUAD CITY,	4127N	09031W	181		996.6	1018.9	.9	-3.3	5.4		8	77	14	5		
72546 DES MOINES/MUN., IA.	4132N	09339W	294		983.2	1019.2	.2	-3.7	5.1		7	40	-5	4		
72550 EPPLEY FIELD, OMAHA,	4118N	09554W	300		982.7	1019.4	1.0	-2.9	4.9		6	26	-11	3		
72551 LINCOLN/MUN., NE.	4051N	09645W	365		975.5	1019.7	1.2	-2.6	5.3		12	30	-2	4		
72556 NORFOLK/KARL STEFAN,	4159N	09726W	479		961.2	1018.8	-3	-2.6	5.1		6	32	7	5		
72557 SIOUX CITY/MUN., IA.	4224N	09623W	336		978.1	1019.5	-7	-3.1	5.0		4	24	-3	4		
72562 NORTH PLATTE/LEE BIRD, NE.	4107N	10040W	849		918.7	1019.2	1.2	-7	5.0		6	23	7	4		
72564 CHEYENNE, WY.	4109N	10440W	1876		810.2	1017.5	1.1		3.7		8	24		5		
72569 CASPER/NATRONA COUNTY, INTNL	4255N	10620W	1630		836.7	1018.2	.4	-2	4.1		6	24	5	4		
72572 SALT LAKE CITY/INTNL UT.	4047N	11150W	1288		874.9	1021.7	4.0	-9	4.8		6	27	-5	3		
72576 LANDER/HUNT, WY.	4249N	10840W	1703		828.4	1019.4	-1.6	-1.2	3.5		6	22	2	4		
72578 POCATELLO/MUN., ID.	4255N	11230W	1365		866.4	1023.0	.8	-1.2	4.6		8	23	-6	3		
72583 WINNEMUCCA/MUN., NV.	4054N	11740W	1322		872.1	1022.6	2.0	-1.2	4.1		4	18	-5	3		
72585 HAYWARD, CA HAYWARD EXEC ARP	3739N	12207W			1016.1	1018.8	14.5		10.2		6	45				
72593 SALINAS, CA SALINAS MUNI ARP	3639N	12136W	24		1014.9	1018.6	14.3		9.2		6	73				
72594 EUREKA, CA.	4048N	12410W	18				10.3	-6			7	126	-37	3		
72597 MEDFORD/MEDFORD-JACKSON COUN	4223N	12250W	398		972.0	1020.5	8.2		7.4		7	35		2		
72605 CONCORD/MUN., NH.	4312N	07130W	105		1003.2	1016.2	.7		5.8		15	191		6		
72606 PORTLAND/INTNL. JET PORT, ME	4339N	07019W	23		1013.6	1016.1	2.0	-1.7	6.0		13	261	130	6		
72607 BANGOR, ME BANGOR INTL ARPT	4448N	06849W	60		1008.1	1015.5	.3		5.6		11	178				
72613 MOUNT WASHINGTON,	4416N	07118W	1910				-9.2	-2.9				289	26	4		
72617 BURLINGTON/INT., VT.	4428N	07309W	104		1003.8	1016.9	.9	-1.8	5.2		14	139	60	6		

SURFACE

NOVEMBER 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.
72635 GRAND RAPIDS/KENT CO., MI.	4253N	08531W	245		988.0	1018.1	1.5	-1.8	5.2		9	70	-14	3	26	32
72636 MUSKEGON/COUNTY, MI.	4310N	08615W	193		994.5	1018.3	2.0	-2.1	5.0		11	70	-10	3		
72637 FLINT/BISHOP, MI.	4258N	08345W	238		989.6	1018.4	.8	-3.3	5.3		10	45	-21	2		
72640 MILWAUKEE/GEN. MITCHELL, WI.	4257N	08754W	220		992.5	1018.6	1.2	-2.0	4.8		7	55	-8	4		
72641 MADISON/DANE COUNTY REGIONAL	4308N	08920W	264		986.1	1018.6	-6	-2.5	4.6		8	43	-10	3		
72644 ROCHESTER/MUN., MN.	4355N	09230W	402		969.7	1018.8	-3.3	-3.6	4.4		9	41	1	4		
72645 GREEN BAY/A.-STRAUBEL, WI.	4429N	08806W	209		991.9	1018.4	-4	-1.7	4.5		7	34	-20	3		
72651 SIOUX FALLS/FOSS FIELD, SD.	4335N	09644W	435		965.7	1018.9	-1.2	-1.8	4.6		5	26	-1	4		
72654 HURON/HURON REGIONAL SD.	4423N	09813W	393		970.8	1019.1	-2.1	-2.3	4.5		3	17	-1	4		
72656 PIERRE, SD, PIERRE RGNL ARPT	4422N	10017W	527		954.6	1018.4	-6		4.9		5	13				
72658 MINNEAPOLIS/ST.PAUL INT., MN	4453N	09313W	256		987.3	1019.0	-2.0	-2.7	4.2		8	37	-2	4		
72659 ABERDEEN/REG., SD.	4527N	09824W	398		970.6	1019.4	-3.9	-3.0	4.3		6	23	8	4		
72662 RAPID CITY/REGIONAL AIRPORT,	4440N	10310W	1030		904.5	1018.4	.4	-1.2	4.6		4	11	-3	3		
72666 SHERIDAN/COUNTY, WY.	4446N	10650W	1226		878.4	1018.7	.6	.3	5.2		8	21	0	3		
72669 RAWLINGS, WY	4148N	10712W	2065		793.4	1019.6			3.7		4	11				
72677 BILLINGS/LOGAN INT.,	4548N	10830W	1099		891.6	1018.3	2.1	.4	4.5		5	12	-9	2		
72681 BOISE/MUN., ID.	4334N	11610W	872		920.0	1022.7	4.1	-.3	5.3		4	20	-17	2		
72688 PENDLETON, OR.	4541N	11850W	456		965.6	1020.6	4.8	-.5	6.9		5	18	-22	2		
72692 ROBERT FIELD ARPT	4415N	12109W	936		911.4	1021.4	4.4		5.7		1	11				
72698 PORTLAND/INT., OR.	4536N	12230W	12		1016.2	1020.4	8.9	1.1	9.1		9	73	-62	2		
72712 CARIBOU/MUN., ME.	4652N	06800W	191		990.4	1014.4	-2.3	-1.6	4.5		12	128	38	5		
72743 MARQUETTE, MI.	4632N	08733W	434				-4.5	-3.4			12	65	-8	3		
72745 DULUTH/INT., MN.	4650N	09211W	436		964.9	1018.4	-4.8	-2.8	3.6		10	43	-2	3		
72747 INT.FALLS/FALLS INT. MN.	4833N	09323W	362		974.1	1019.2	-6.3	-2.4	3.5		6	19	-10	2		
72753 FARGO/HECTOR FIELD,	4654N	09648W	274		985.1	1019.4	-5.3	-3.1	3.9		4	16	-2	3		
72757 GRAND FORKS, ND	4756N	09710W	257		987.6	1019.6	-6.9		3.5		6	15				
72763 DICKINSON, ND	4647N	10248W	791		923.1	1017.5	-2.8		4.4		5	22				
72764 BISMARCK/MUN., ND.	4646N	10040W	505		957.2	1019.2	-3.6	-1.7	4.4		8	28	16	5		
72767 WILLISTON/SLOULIN FIELD INT.	4811N	10330W	592		947.8	1018.6	-2.8	-.1	4.3		8	24	13	5		
72768 GLASGOW/INT., MT.	4812N	10630W	693		933.5	1017.9	-1.3	.3	4.8		5	20	13	5		
72769 CUT BANK, MT CUT BANK MUNI A	4836N	11222W	1175		881.5	1017.4	-2		4.1		3	10				
72770 DILLON, MT DILLON ARPT	4515N	11233W	1591		840.0	1020.7	-6		4.1		2	7				
72772 HELENA/COUNTY-CITY,	4636N	11200W	1188		883.3	1022.2	.7	.9	4.3		2	6	-6	2		
72773 MISSOULA / JOHNSON-BELL FIEL	4655N	11400W	976		907.5	1022.5	.1	-.1	5.4		11	65	45	6		
72774 BUTTE, MT MT BERT MOONEY ARP	4557N	11230W	1688		830.2	1021.6	-3.5		4.0		6	21				
72781 YAKIMA/YAKIMA AIR TERMINAL,	4634N	12030W	332		981.9	1021.6	3.1	-6	6.1		4	11	-15	2		
72785 SPOKANE/INT., WA.	4738N	11730W	721		935.1	1020.9	2.8	1.1	6.1		11	50	-4	3		
72787 DEER PARK, WA DEER PARK ARPT	4758N	11725W	670		940.9	1021.5			6.5		11	63				
72790 EPHRATA, WA EPHRATA MUNI ARP	4718N	11930W	384		974.3	1020.9			6.2		6	16				
72792 OLYMPIA, WA.	4658N	12250W	62		1011.9	1019.6	7.1	1.3	9.5		12	150	-54	3		
72793 SEATTLE/S.-TACOMA,	4727N	12210W	137		1003.0	1019.9	9.2	1.8	9.4		14	138	-10	3		
72797 QUILLAYUTE, WA.	4757N	12430W	56		1010.2	1018.1	8.1		10.5		19	415		4		
74492 BLUE HILL OBS. MA.	4213N	07107W	195				3.0	-2.4				262	137	6		
74736 DALHART, TX DALHART MUNI ARP	3601N	10232W	1217		879.1	1017.6	3.5		4.7		2	4				
74739 FORT WORTH MEACHAM INTL ARPT	3249N	09721W	215		992.9	1018.6			8.8		4	18				
74745 AUSTIN-BERGSTROM INTL AIRPOR	3011N	09741W	202		1000.9	1019.1	12.8		11.3		6	58				

SURFACE

NOVEMBER 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.
74746 COLLEGE STATION, TX	3035N	09621W	100		1006.9	1019.0	13.3		12.2		7	101				
74756 GAINSVILLE, FL	2941N	08216W	46		1012.9	1018.9	17.9		17.3		7	71				
74757 GULFPORT, MS	3024N	08904W	16		1017.6	1018.9			14.3		12	170				
74758 GREENWOOD, MS	3329N	09005W	45		1014.4	1019.4	10.2		10.2		10	155				
74759 HATTIESBURG, MS	3115N	08915W	45		1013.9	1019.5	12.2		12.1		11	171				
74768 GREENVILLE, MS	3328N	09059W	46		1014.4	1020.0	9.7		10.1		8	168				
74782 JACKSONVILLE, FL	3020N	08130W	14						17.4		10	105				
74783 FORT LAUDERALE, FL	2604N	08009W	37		1015.9	1016.5	24.7		25.2		9	66				
74787 DAYTONA BEACH, FL	2910N	08103W	10		1016.3	1017.8	20.3		21.0		5	72				
74793 VERO BEACH, FL	2739N	08025W	12		1016.3	1017.2	21.8		21.1		6	38				
CANADA																
71017 STEFANSSON ISLAND, NU	7345N	10510W	11		1019.4	1021.0	-24.8		.8		1	4				
71018 RESOLUTE CS, NU	7442N	09459W	68		1009.0	1018.1	-23.7		.9		4	14				
71026 MEDICINE HAT RCS, ALTA	5001N	11040W	717		931.0	1017.9	-1.5		4.5		6	23		4		
71028 TATLAYOKO LAKE RCS, BC	5140N	12420W	877		913.6	1017.8	.8		5.2		7	26				
71029 HOLMAN CS, NWT	7045N	11740W	30		1015.4	1019.5	-18.3		1.4		3	6				
71044 OLD CROW, YT	6734N	13950W	251		984.1	1017.2	-19.8		1.3		6	24				
71049 WAGER BAY (AUT), MAN	6552N	08926W	18		1018.0	1020.4	-22.4		.9			3				
71063 OTTAWA CDA RCS, ONT	4523N	07543W	79		1006.8	1016.7	-1.7		4.9		15	88				
71066 HIGH LEVEL A, ALTA	5837N	11700W	338		974.7	1017.7	-10.5	2.3	2.7		0	0	-29	0		
71076 URANIUM CITY (AUT), SASK	5934N	10820W	321		979.8	1020.4	-13.4	-1.6	1.9		3	17	-12			
71077 BUFFALO NARROWS (AUT),	5550N	10820W	440		964.7	1020.1	-9.1		2.8		11	32				
71079 THOMPSON	5548N	09752W	222		992.0	1021.3	-15.6	-3.8	1.9		9	25	-8	3		
71101 SANDSPIT AWOS, BC	5315N	13140W	6		1010.2	1011.0	8.2	2.9	9.9		14	111	-78	1		
71107 CAPE ST JAMES CS, BC	5156N	13100W	92		1001.2	1012.1	9.0	2.1	10.4		17	144	-44			
71109 PORT HARDY A, BC	5040N	12720W	22		1013.1	1015.8	6.5	1.3	9.0		18	351	85	4		
71120 COLD LAKE A, ALTA	5425N	11010W	541		951.4	1018.5	-6.9	-2	3.4		7	28	9	4		
71122 BANFF CS, ALTA	5112N	11530W	1397		857.0	1019.0	-2.8	1.0	3.9		5	13	-17	2		
71155 EDMONTON INTERNATIONAL CS, A	5318N	11330W	715				-3.5		4.2		11	31				
71158 BERENS RIVER CS, MAN	5221N	09702W	222		991.4	1019.9	-10.0		2.7		5	17		2		
71160 FORT RELIANCE (AUT), NWT	6242N	10900W	168		999.1	1021.3	-15.4		1.6		2	8		1		
71199 WATSON LAKE (AUT), YT	6007N	12840W	690		931.4	1016.8	-11.1		2.6		7	16		2		
71207 SQUAMISH,	4947N	12310W	52		1012.2	1018.7	6.1		8.6		16	423				
71208 BIG TROUT LAKE, ONT	5380N	08988W	224		990.1	1018.8	-11.6	-16.6	2.5		6	24	-155			
71212 FORET MONTMORENCY RCS, QUE	4719N	07108W	673		932.5	1014.2	-6.7		3.7		20	157				
71219 HOLLAND ROCK, BC	5410N	13020W	5		1010.7	1011.5	8.6		9.1		18	152				
71222 DEASE LAKE AUT, BC	5825N	13001W	802		917.7	1015.2	-5.2		4.0		10	35		4		
71261 GODERICH, ONT	4346N	08143W	214		990.7	1017.0	1.5		5.7		20	75				
71279 SEPT-ILES, QUE	5013N	06615W	53		1006.1	1012.8	-4.1		3.9		11	105				
71288 CAMBRIDGE BAY GSN, NU	6906N	10500W	19		1017.9	1020.5	-23.6		.9		1	6				
71294 BANCROFT AUTO, ONT	4504N	07752W	331		975.7	1016.5	-3.3		4.8		20	105				
71296 EGBERT CS, ONT	4414N	07947W	251		985.6	1016.5	-2		5.2		15	81				
71298 HARROW CDA AUTO, ONT	4202N	08254W	192		995.0	1018.4	1.6		5.8		10	53				
71299 KAPUSKASING CDA ON, ONT	4224N	08226W	218		989.0	1016.9	-7.6		3.5		5	21		0		
71307 RIDGETOWN RCS, ONT	4227N	08153W	206		993.2	1018.5	1.9		6.0		13	105				

SURFACE

NOVEMBER 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.
71309 MOOSONEE RCS, ONT	5117N	08037W	9		1015.8	1016.9	-7.6		3.7		10	53				
71310 ST. PETERS, PEI	4627N	06234W	30		1008.6	1012.3	1.7		6.1		14	179				
71311 NAPPAN AUTO, NS	4545N	06414W	20		1011.2	1013.7	1.3		6.0		11	170				
71315 CHARLO AUTO, NB	4759N	06620W	42		1008.2	1013.6	-2.6		4.6		10	86				
71317 DEBERT, NS	4525N	06328W	39		1008.5	1013.2	1.4		6.1		14	166				
71318 CORONATION CLIMATE, ALTA	5204N	11120W	791		921.4	1017.6	-4.6		4.0		5	20				
71320 HALL BEACH CLIMATE, NU	6846N	08114W	8		1017.0	1017.1	-23.2		1.0		2	7				
71321 IQALUIT CLIMATE, NU	6345N	06833W	34		1013.0	1017.4	-13.4		2.0		4	9				
71322 ARVIAT CLIMATE, NU	6106N	09404W	10		1019.0	1020.3	-19.9		1.4		3	8				
71331 ISLAND FALLS (AUT), SASK	5532N	10220W	297		982.3	1020.5	-12.8		2.1		3	15				
71332 KUGLUKTUK CLIMATE, NU	6749N	11508W	24		1016.6	1019.6	-17.6		1.5			5				
71350 HARRINGTON CDA CS, PEI	4621N	06310W	53		1005.4	1012.0	.7		5.8		13	154				
71352 ELORA RCS, ONT	4339N	08025W	376		971.2	1017.1	-.8		5.3		15	98				
71355 ALERT CLIMATE, NU	8230N	06220W	65		1013.0	1022.0	-25.6		.7		3	10				
71356 BAKER LAKE CLIMATE, NU	6419N	09600W	51		1014.1	1021.1	-22.4		1.0		2	6				
71357 QIKIQTARJUAQ CLIMATE, NU	6732N	06402W	6		1016.1	1016.7	-15.4		1.6		4	9				
71358 CLYDE RIVER CLIMATE, NU	7029N	06831W	27		1013.9	1017.5	-21.1		1.1		1	6				
71361 HAY RIVER CLIMATE, NWT	6050N	11540W	164		996.3	1017.6	-11.0		2.4		8	24				
71362 FORT SMITH CLIMATE, NWT	6001N	11150W	203		991.8	1017.5	-11.4		2.3		10	22				
71363 GJOA HAVEN CLIMATE, NU	6838N	09551W	42		1014.4	1020.1	-23.7		.9		2	6				
71364 INUVIK CLIMATE, NWT	6819N	13330W	103		1003.4	1017.1	-16.0		1.6		6	15				
71365 FORT SIMPSON CLIMATE, NWT	6145N	12110W	168		996.2	1018.1	-13.8		2.0		7	17				
71434 PEAWANUCK (AUT), ONT	5459N	08526W	52		1008.4	1015.2	-10.7		2.9		5	21				
71435 UPSALA (AUT), ONT	4902N	09028W	489		957.3	1018.1	-8.2		3.2		9	29				
71446 SWIFT CURRENT CDA, SASK	5016N	10740W	825		918.2	1017.6	-4.3		3.9		7	22		5		
71470 LUPIN CS, NU	6546N	11110W	497		956.7	1021.7	-21.3		1.2		3	8				
71480 RESERVED OR UNKNOWN	9999N	9999E			1004.5	1017.0	-16.5		1.6		6	27				
71493 PARRSBORO, NS	4524N	06420W	31		1009.5	1013.3	1.5		6.1		22	234				
71508 TORONTO CITY, ONT	4340N	07924W	113		1003.0	1016.9	2.3		5.5		11	112				
71550 DAUPHIN CS, MAN	5106N	10000W	305		981.6	1020.2	-9.4		2.9		7	22				
71558 ST ANTHONY, NFLD	5123N	05606W	29		1002.4	1006.0	-2.1		4.8							
71559 ESTEVAN RCS, SASK	4913N	10258W	581		947.1	1018.5	-5.8		3.8		9	23				
71570 GREAT FALLS CLIMATE, MAN	5031N	09558W	253		988.2	1020.2	-7.7		2.9		7	14				
71573 DELHI CS, ONT	4252N	08033W	232		989.0	1017.5	.9		5.7		8	94				
71575 CAPE DORSET CLIMATE, NU	6413N	07631W	50		1008.1	1014.7	-10.5		2.7		15	35				
71576 POND INLET CLIMATE, NU	7241N	07757W	65		1010.4	1019.3	-26.0		.7		7	18				
71585 FORT MCMURRAY CS, ALTA	5639N	11110W	369		971.0	1017.6	-8.8		2.8		6	20				
71586 LA RONGE RCS, SASK	5509N	10510W	379		971.9	1019.7	-10.6		2.5		7	26		2		
71592 ARCTIC BAY CS, NU	7259N	08500W	10		1017.1	1018.5	-25.1		.8		5	20				
71613 EUREKA CLIMATE	7959N	08556W	65		1020.1	1021.5	-32.0		.4			2				
71622 LONDON CS, ONT	4302N	08109W	278		983.6	1017.7	.6		5.6		14	104				
71665 NAIN, NFLD	5633N	06141W	12		1011.0	1012.0	-5.1		3.6							
71693 SLAVE LAKE RCS, AB	5529N	11477E	582		945.2	1016.8	-5.3		3.7		8	23				
71695 THE PAS CLIMATE, MAN	5358N	10106W	274		985.7	1020.1	-10.3		2.5		3	12				
71696 CHURCHILL CLIMATE, MAN	5844N	09404W	29		1016.2	1020.0	-15.5		1.8		3	10				
71710 ILES DE LA MADELEINE, QUE	4725N	06146W	8		1009.6	1010.6	1.6		5.9		15	159				

SURFACE

NOVEMBER 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.
71713 LA POCATIERE, QUE	4721N	07001W	31		1011.0	1014.9	-2.5		4.8		12	87		4		
71721 MANIWAKI AIRPORT, QUE	4616N	07559W	201		991.5	1016.5	-3.6		4.6		15	63		2		
71726 PARENT, QUE	4755N	07437W	445		960.7	1015.7	-6.4		3.9		14	66				
71727 BAGOTVILLE A, QUE	4820N	07100W	159		995.8	1015.9	-4.3	-2.0	4.2		15	78	0	4		
71741 KAMLOOPS AUT, BC	5042N	12026W	345		977.7	1020.0	3.5		6.5		8	31				
71742 GANDER AIRPORT CS, NFLD	4856N	05434W	151		988.6	1008.3	.3		5.5		14	112				
71743 RIVIERE AUX FEUILLES, QUE	5754N	07258W	171		992.5	1014.7	-13.4		2.6		4	9				
71747 ATIKOKAN (AUT), ONT	4845N	09137W	389		969.9	1018.5	-7.1	-2.3	3.3		8	27	-17			
71779 QUESNEL AIRPORT CD, BC	5301N	12230W	545		951.2	1017.6	1.7		5.9		8	84				
71783 VICTORIA UNIVERSITY CAMPBELL	4827N	12310W	49		1011.4	1018.7	8.3		9.7		13	130				
71813 NATASHQUAN A, QUE	5011N	06149W	11		1010.1	1011.4	-4.3	-2.9	4.2		7	55	-63	1		
71816 GOOSE A, NFLD	5319N	06025W	49		1005.3	1011.5	-6.0	-2.0	3.7		11	83	4	4		
71818 CARTWRIGHT, NFLD	5342N	05702W	15		1006.3	1008.4	-3.7	-1.7	4.3		13	70	-20	2		
71823 LA GRANDE IV A, QUE	5345N	07340W	306		976.0	1014.7	-7.9		3.2		12	37		2		
71826 PANGNIRTUNG, NU	6609N	06543W	23		1010.9	1015.2	-11.3		1.9		5	30				
71827 LA GRANDE RIVIERE A,	5338N	07742W	195		989.6	1014.5	-7.7		3.5		13	43		1		
71832 NAGAGAMI (AUT), ONT	4944N	08409W	264		984.1	1017.5	-8.1		3.4		10	48				
71834 GERALDTON A, ONT	4946N	08655W	349		974.0	1017.9	-8.4		3.3		12	42				
71842 SIOUX LOOKOUT A, ONT	5007N	09154W	390		970.7	1019.0	-8.9	-3.7	3.1		1	3	-45	0		
71868 HUDSON BAY, SASK	5249N	10210W	358		974.5	1019.9	-10.3		2.7		4	34				
71869 PRINCE ALBERT A, SK	5313N	10540W	428		966.4	1020.3	-9.4	-1.9	2.8		7	30	14	5		
71884 YARMOUTH RCS, NS	4383N	06608E	36		1010.2	1014.7	4.2	2.3	7.2		13	158	70			
71894 ESTEVAN POINT CS, BC	4923N	12630W	7		1015.7	1016.6	8.5		10.5		18	395		2		
71900 HOPEDALE (AUT), NFLD	5527N	06013W	12		1009.4	1010.7	-4.5		4.0		12	95				
71906 KUUJUAQ A, QUE	5806N	06825W	44		1010.2	1015.5	-10.4	-2.1	2.7		5	20	-27	1		
71907 INUKJUAQ A, QUE	5828N	07805W	28		1010.6	1013.6	-10.2	-3.1	2.8		7	20	-24	1		
71915 CORAL HARBOUR A,	6411N	08321W	64		1008.2	1016.6	-17.3	-1	1.7		7	21	2	4		
71923 ENNADAI LAKE (AUT), NU	6107N	10050W	353		975.6	1022.1	-21.0		1.1			2				
71945 FORT NELSON A, BC	5850N	12230W	389		968.6	1016.9	-10.3	3.0	2.6		10	40	19	5		
71952 BURNS LAKE CAMPBELL SCIENTIF	5423N	12550W	713		929.9	1015.4	-.5	2.5	5.6		9	48	0			
71956 GORE BAY CLIMATE, ONT	4553N	08234W	187		993.1	1016.5	-8	19.1	4.9		12	73	69			
71964 WHITEHORSE A, YT	6042N	13500W	706		926.5	1012.9	-5.1	4.9	3.9							
71966 DAWSON, YT	6403N	13900W	370		968.7	1016.1	-14.5		2.0		5	28		3		
71984 PAULATUK, NWT	6921N	12400W	6		1018.1	1019.0	-14.2		1.8		2	6				
71989 MOULD BAY CS, NWT	7614N	11920W	2		1021.1	1022.8	-25.3		.8			4		2		
71990 MACMILLAN PASS, NWT	6314N	13000W	1379		851.6	1015.1	-12.3		2.4		9	37				
MEXICO																
76225 CHIHUAHUA, CHIH.	2838N	10600W	1433		862.4	1012.9	13.2		7.7		1	3		3	219	120
76243 PIEDRAS NEGRAS, COAH.	2842N	10030W	250		992.0	1012.6	14.9		12.1		2	11		2	138	65
76256 EMPALME, SON.	2757N	11040W	12		1013.8	1015.2	21.8		13.2		0	0		0	246	90
76305 LORETO, BCS	2601N	11120W	7		1013.5	1014.3	23.7		15.6		0	0		0	246	95
76311 CHOIX, SIN.	2644N	10810W	238		985.5	1012.7	21.7		18.5		0	0		0	169	70
76323 HIDALGO DEL PARRAL,	2656N	10540W	1661		827.6	1019.6	13.7		6.8		2	41		3	225	95
76342 MONCLOVA, COAH.	2653N	10120W	615		949.9	1020.8	15.8		13.2		5	21		1	180	65
76382 TORREON, COAH.	2532N	10320W	1124		890.7	1014.5	17.1		13.0		1	3		1	214	100

SURFACE

NOVEMBER 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.
76390 SALTILLO, COAH.	2522N	10100W	1790		823.6	1015.1	13.0		10.3		2	5		2	201	80
76393 MONTERREY, N.L.	2544N	10010W	515		962.6	1017.3	16.9		14.9		7	9		0	115	70
76402 CIUDAD CONSTITUCION, BCS	2457N	11140W	48		1009.0	1014.6	23.5		15.6		0	0		2	234	95
76405 LA PAZ, BCS	2410N	11010W	18		1012.3	1014.4	23.6		20.1		0	0		0	252	100
76423 DURANGO, DGO.	2403N	10430W	1872		815.9	1014.7	13.1		8.2		1	13		3	226	85
76458 COLONIA JUAN CARRASCO MAZATL	2312N	10620W	4		1012.2	1012.7	24.6	.9	21.3	-1.5	1	5	-18	0	274	114
76471 SOMBRERETE, ZAC.	2338N	10330W	2351		769.8	1011.6	13.5		9.1		2	21		3	219	85
76491 CIUDAD VICTORIA,	2344N	09908W	355		980.5	1019.8	17.4		17.7		5	25		1	131	80
76499 SOTO LA MARINA,	2346N	09812W	21		1014.5	1016.9	19.7		17.0		6	34		1	109	60
76525 ZACATECAS, ZAC. (LA BUFA, ZA	2247N	10230W	2612		747.6	1012.9	11.8	-.5	7.1	.2	3	26	15	5	210	87
76539 SAN LUIS POTOSI,	2211N	10050W	1883		815.7	1015.0	14.4		10.7		5	49		5	167	70
76548 TAMPICO, TAMP	2212N	09751W	25		1017.6	1018.6	21.1	-1.5	19.8	-1.6	3	12	-22	1	104	70
76556 TEPIC, NAY.	2131N	10450W	915		911.7	1012.5	20.9		18.7		2	62		3	221	85
76577 GUANAJUATO, GTO.	2100N	10110W	1999		804.8	1015.1	17.6	1.5	12.8	1.7	5	50	35	5	154	61
76581 RIO VERDE, S.L.P.	2156N	09959W	983		906.1	1016.2	17.9		18.5		4	22		4	166	75
76585 MATLAPA, S.L.P.	2119N	09849W	132		1001.6	1020.0	19.9		20.1		8	79		5	128	80
76593 PROGRESO, YUC.	2118N	08939W			1015.1	1015.3	25.3		26.1		4	51		5	217	90
76612 GUADALAJARA, JAL.	2040N	10320W	1551		847.0	1013.3	16.9		17.6		3	384		5	197	80
76634 TULANCINGO, HGO.	2005N	09822W	2181		786.2	1016.3	14.4		12.8		8	71		6	203	90
76640 TUXPAN,VER.	2057N	09724W	28		1017.6	1018.8	21.1		24.1		8	33		1		
76644 AEROP.INTERNACIONAL MERIDA,	2059N	08939W	9		1013.9	1015.2	26.0	1.6	28.6	4.5	6	42	0	4	222	105
76647 VALLADOLID, YUC.	2041N	08812W	27				25.3		25.4		7	104		5	175	75
76654 MANZANILLO, COL.	1903N	10410W	3		1012.0	1012.4	26.5		27.4		5	166		5	205	85
76656 CIUDAD GUZMAN, JAL.	1943N	10320W	1515		851.4	1015.5	17.4		13.4		7	122		4	180	70
76665 MORELIA, MICH.	1942N	10110W	1913		811.1	1013.9	15.9	-.1	13.8	2.2	7	98	83	6	193	102
76675 TOLUCA, MEX.	1917N	09941W	2720		738.7	1014.0	11.5		8.6		7	48		5	180	85
76680 MEXICO (CENTRAL),	1924N	09911W	2303		775.9	1011.7	16.0	1.1	13.1	3.5	6	31	25	5	179	90
76683 TLAXCALA, TLAX.	1919N	09815W	2248		783.5	1015.8	14.9		11.0		6	46		2	212	95
76685 PUEBLA, PUE.	1903N	09810W	2179		787.1	1012.0	15.4		10.0		7	102		6	212	80
76687 JALAPA, VER.	1933N	09655W	1389		866.3	1012.6	19.5		19.5		17	120		3	146	90
76692 HACIENDA YLANG YLANG VERACRU	1909N	09607W	16		1013.8	1015.6	24.5	.0	23.8	-2	2	7	-47	1	161	90
76695 CAMPECHE, CAMP.	1951N	09033W	5		1014.1	1014.7	25.4		29.1		4	180		6	215	85
76698 FELIPE CARRILLO PUERTO, Q.RO	1942N	08754W	12		1013.7	1014.9	26.5		28.1		7	137		5	150	70
76726 CUERNAVACA, MOR.	1853N	09914W	1618		839.7	1010.7	19.1		14.0		8	81		5	136	50
76737 ORIZABA, VER.	1851N	09706W	1259		878.3	1015.6	18.2		17.6		7	87		3	156	105
76741 COATZACOALCOS, VER.	1808N	09425W	22		1011.5	1013.4	25.1		28.3		10	167		6	145	100
76750 CHETUMAL, Q.R.	1829N	08818W	7		1013.7	1014.7	26.8		29.1		7	63		2	216	110
76762 CHILPANCIINGO, RO.	1733N	09930W	1265		876.4	1012.5	21.2		18.5		5	51		5	209	90
76805 ACAPULCO, GRO.	1650N	09956W	3		1011.7	1012.1	27.6	.1	30.0	.2	4	84	34	5	243	95
76833 SALINA CRUZ, OAX.	1610N	09511W	2				28.2	.8			1	2	-22	1	187	70
76840 ARRIAGA, CHIS.	1614N	09354W	48		1006.3	1013.2	28.0		30.6		2	45		2		
76845 SN. CRISTOBAL LAS CASAS, CHI	1645N	09238W	2116		795.5	1015.5	15.5		1.6		4	27		1	179	95
76848 COMITAN, CHIS.	1645N	09208W	1646		838.6	1008.8	18.0		15.0		5	52		5	227	100
76855 PUERTO ANGEL, OAX.	1541N	09629W	46		1008.1	1012.9	26.5		29.2		2	39		1	254	85
76903 TAPACHULA, CHIS	1455N	09215W	118		998.4	1011.8	28.0		29.5		6	95		4		

SURFACE

NOVEMBER 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.
BERMUDA 78016 BERMUDA INTERNATIONAL AIRPOR	3222N	06440W	130		1019.0	1018.6	22.1		20.4		19	209			151	
BAHAMAS 78073 NASSAU AIRPORT NEW PROVIDENC	2503N	07728W	7		1016.2	1017.0	26.3	2.5	27.1	4.0	4	23	-33	1	254	114
CUBA 78310 CABO SAN ANTONIO, 78325 CASA BLANCA, 78355 CAMAGUEY 78369 PUNTA DE MAISI,	2152N 2310N 2124N 2015N	08457W 08221W 07751W 07409W	8 50 122 10		1015.1 1009.9 1002.8 1013.5	1016.1 1015.7 1016.2 1014.4	25.6 25.2 25.4 27.6		25.7 24.9 24.9 27.3		13 11 4 11	66 90 5 60		2 4		
CAYMAN ISLANDS 78384 OWEN ROBERTS AIRPORT GRAND C	1917N	08121W	3			1014.3	28.2	3.7	31.3		8	61	-27	0		
JAMAICA 78388 MONTEGO BAY/SANGSTER 78397 KINGSTON/NORMAN MANLEY	1830N 1756N	07755W 07647W	8 14		1013.3 1013.2	1013.4 1013.4	27.4 28.0		28.9 27.6		6 6	53 40		2 4	268 260	
DOMINICAN REPUBLIC 78458 PUERTO PLATA 78479 PUNTA CANA 78486 SANTO DOMINGO	1945N 1834N 1826N	07033W 06822W 06953W	5 12 14		1013.7 1013.1 1013.1	1014.7 1015.1 1014.7	26.8 26.6 27.7		28.5 27.5 28.8		12 7 9	250 28 105		1 3		
PUERTO RICO AND US POSS 78526 SAN JUAN/INT.,	1825N	06559W	4		1014.4	1014.5	27.1	.4	27.5		13	144	-6	3		
BELIZE 78583 BELIZE/PHILLIP GOLDSTON INTL	1732N	08818W	5				26.3	.9			12	192	10	2	165	65
EL SALVADOR 78650 ACAJUTLA	1334N	08950W	15		1007.9		29.5	2.0	31.3		53	102	38			
NICARAGUA 78741 MANAGUA A.C.SANDINO	1209N	08610W	56		1004.3	1010.4	27.4		20.1		2	9		1	278	125
COSTA RICA 78767 PUERTO LIMON	1000N	08303W	5		1011.2	1011.4	29.7	4.6	.0		16	294	-73	2	141	96

SURFACE

NOVEMBER 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.
GUADELOUPE 78897 LE RAISET, GUADELOUPE	1616N	06131W	11		1013.2	1014.1	25.8	-.5	27.5		23	334	114	4	163	
MARTINIQUE 78925 LE LAMENTIN	1436N	06100W	8		1012.4	1013.3	26.8	.5	27.2	-1.3	20	210	-14	3	186	81
BARBADOS 78954 GRANTLEY ADAMS	1304N	05929W	56		1004.7	1012.4	26.9		28.1		15	106		2	227	65
TRINIDAD AND TOBAGO 78970 PIARCO INT. AIRPORT,	1037N	06121W	15		1009.0	1011.5	27.0	1.1	29.4	1.2	13	161	-66	1	221	112
CURACAO AND BONAIRE 78988 HATO AIRPORT, CURACAO	1212N	06858W	9		1010.5	1011.4	27.9	.2	28.8	-6	11	42	-54	1	263	115
COLOMBIA 80001 SAN ANDRES (ISLA)/SESQUICENT	1235N	08143W	6		1011.3	1011.4	28.3	1.0	30.2	-1	21	179	-117	5	205	108
80002 PROVIDENCIA (ISLA)/EL EMBRUJ	1322N	08121W	6				28.2		30.8		16	89		5	241	130
S AMERICA																
COLOMBIA 80009 SANTA MARTA/SIMON BOLIVAR	1108N	07414W	14		1001.4	1001.9	28.8	1.0	30.0	1.4	3	6	-38	5	251	
80028 BARRANQUILLA/ERNESTO CORTISS	1053N	07447W	30		1005.8	1009.3	27.7	.3	31.0	1.1	4	88	9	5	215	110
80084 APARTADO/LOS CEDROS	0749N	07642W	20				27.3		30.4		19	486		4	181	95
80091 BARRANCABERMEJA/YARIGUIES	0701N	07348W	134				28.0	.7	31.1	2.4	18	437	166	5	139	85
80094 BUCARAMANGA/PALONEGRO	0706N	07312W	1189		881.2		21.6		24.2		7	50	-61	5	123	
80097 CUCUTA/CAMILO DAZA	0756N	07231W	317		940.9	1012.7	26.7	.0	27.0	.8	3	22	-95	5		
80099 ARAUCA/SANTIAGO PEREZ	0704N	07044W	128		989.3	1003.7	27.6	.7	31.2	2.4	3	46	-45	5	218	104
80112 RIONEGRO/J.M.CORDOVA	0608N	07526W	2142		789.7		16.8		16.6		21	220		5	102	70
80139 PUERTO CARRENO/A.GUAUQUEA	0610N	06730W	55		1002.1	1008.6	29.4	1.4	30.0	2.9	2	78	-25	5	193	90
80144 QUIBDO/EL CARANO	0543N	07637W	53				26.1	.1	29.8	.6	26	828	133	5	84	76
80210 PEREIRA/MATECANA	0449N	07544W	1342		865.0		21.5	.6	22.3	3.0	18	279	1	5	137	88
80214 IBAGUE/PERALES	0426N	07509W	928				23.5	.5	25.7	2.8	12	87	-81	5	131	92
80222 BOGOTA/ELDORADO	0442N	07409W	2547		752.5		14.5	1.1	12.7	.0	7	95	7	5		
80234 VILLAVICENCIO/VANGUARDIA	0410N	07337W	431		959.5	1008.6	29.6	4.5	25.9	.7	19	243	-160	5	147	105
80259 CALI/ALFONSO BONILLA ARAGON	0333N	07623W	969		904.5		23.4		22.7		12	107	10	5	133	85
80315 NEIVA/BENITO SALAS	0258N	07518W	443		957.4	1006.9	28.0	1.1	25.8	.6	12	177	-31	5	159	97

SURFACE

NOVEMBER 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.
80342 PASTO/ANTONIO NARINO	0125N	07716W			821.3		18.3	.2	18.3	1.2	21	319	142	5	121	80
80370 IPIALES/SAN LUIS	0049N	07738W	2961		716.2	1028.9	12.5	1.2	11.9	.8	17	163	48	5	96	82
80398 LETICIA/VASQUEZ COBO	0410S	06957W	84		999.8	1009.2	26.6	.4	31.4	2.0	19	347	46	5	150	101
GUYANA																
81001 GEORGETOWN	0648N	05809W	2		1010.5	1011.0	28.0	.8	31.2	1.6	9	155	-30	3	197	94
SURINAME																
81225 ZANDERIJ	0527N	05512W	15		1009.2	1010.6	26.7				18	115				
FRENCH GUIANA																
81401 SAINT-LAURENT-DU-MARONI	0530N	05402W	9		1009.6	1010.2	26.4		29.1		16	165	6		161	77
81405 ROCHAMBEAU	0450N	05222W	9		1009.7	1010.7	26.9		28.9		18	219	66		178	79
81408 SAINT GEORGES DE L'OYAPOCK	0353N	05148W	7		1009.4	1010.2	26.7		29.2		17	246	104		151	72
81415 MARIPASOULA	0338N	05402W	104		998.7	1010.8	26.8		28.4		17	141	29		174	77
BRAZIL																
82024 BOA VISTA	0249N	06039W	90				29.6		28.3		7	42		3	188	95
82098 MACAPA	0002N	05103W	15		1007.6	1009.3	29.0	1.3	29.1		5	65	7	3	255	101
82106 SAO GABRIEL DA CACHOEIRA	0008S	06705W	90						31.0		23	397		6	138	90
82113 BARCELOS	0059S	06255W	40				27.5	1.1	32.6		15	241	227	5	151	94
82191 BELEM	0127S	04828W	10		1008.4	1009.0	27.6	1.2	31.2		18	246	135	6	220	108
82212 FONTE BOA	0232S	06610W	56		1002.6	1011.0			29.8		15	273		5	131	85
82246 BELTERRA	0238S	05457W	176		992.1	1011.7	27.5	1.8	31.9		5	71	-6	3	168	83
82280 SAO LUIZ	0232S	04418W	51		1004.0	1009.8			30.1		2	9	-1	4	217	89
82331 MANAUS	0308S	06001W	72				28.8	1.5	29.7		10	148	-35	2	141	101
82336 ITACOATIARA	0308S	05826W	40				28.1	1.3	30.0		10	165	120	3	127	105
82353 ALTAMIRA	0312S	05212W	74		997.8	1006.1			29.6		10	216	138	6	172	185
82397 FORTALEZA	0346S	03836W	26		1008.2	1011.3	28.3	1.1	27.5		2	3	-10	2	272	96
82400 FERNANDO DE NORONHA	0351S	03225W	56		1005.3	1011.9			28.6		4	13	0			
82410 BENJAMIN CONSTANT	0423S	07002W	65				27.1		30.8		16	218		3		
82445 ITAITUBA	0416S	05559W	45		1006.1	1011.2	28.5	1.0	31.9		10	162	34	3	160	92
82460 BACABAL	0415S	04447W	25		1008.9	1011.8			29.2		6	94		4		
82533 MANICORE	0549S	06118W	50				27.4		30.3		15	220		4		
82562 MARABA	0521S	04909W	95		1000.5						13	212	60	5		
82571 BARRA DO CORDA	0530S	04516W	153		991.8	1008.9	29.2	2.5	28.0		6	161	84	5	159	103
82578 TERESINA	0505S	04249W	74		1000.7	1008.9			26.8		4	10	-54	1		
82586 QUIXERAMOBIM	0512S	03918W	212		985.0	1011.4	28.9	2.1	25.0		1	1	-6	3	259	100
82598 NATAL	0546S	03512W	45		1006.9	1012.2	27.8		34.2		3	8		1	292	95
82678 FLORIANO	0646S	04301W	127		995.5	1009.3	29.6	-6	25.9		7	71	-20	2	203	104
82723 LABREA	0715S	06450W	60						31.4		11	86		0		
82765 CAROLINA	0720S	04728W	193		988.9	1012.8	26.6	.7	30.5		14	317	151	5		
82784 BARBALHA	0719S	03918W	409		965.3	1010.0	28.7	1.9	32.0		4	50	46	4	249	97

SURFACE

NOVEMBER 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.
82791 PATOS	0701S	03716W	249		979.7	1007.3	29.6		19.2		1	33		3	288	
82900 RECIFE	0803S	03455W	7		1012.2	1013.1	27.2	1.3	26.7		7	38	-9	3	229	86
82915 RIO BRANCO	0958S	06748W	160		992.1	1010.2	26.4	.7	30.3		18	228	22	4	117	91
82983 PETROLINA	0923S	04029W	370		968.8	1009.5	29.5	1.3	21.5		0	0	-50	0	273	108
83064 PORTO NACIONAL	1043S	04835W	239		982.1	1009.0	27.6	1.4	28.3		15	240	22	4	132	80
83096 ARACAJU	1055S	03703W	5		1013.2	1013.9	27.2	1.1	24.5		5	21	-25	2	267	102
83186 JACOBINA	1111S	04028W	485		957.6						5	43	-43	2		
83208 VILHENA AERO	1244S	06008W	612		941.8				26.8		18	169				
83229 SALVADOR	1301S	03831W	51		1009.3	1015.3	26.4	.9	27.6		9	73	-45	2	202	95
83235 TAGUATINGA	1224S	04626W	604		943.0	1009.3	25.9	1.4	23.8		18	273	32	4		
83236 BARREIRAS	1209S	04500W	439		961.3	1009.8	26.5	1.2			10	173	-2	3	174	93
83242 LENCOIS	1234S	04123W	439		963.8	1012.9	25.2	.9	23.5		7	103	-52	2	164	116
83288 BOM JESUS DA LAPA	1316S	04325W	440		961.6	1009.9	27.5	1.5	24.6		6	92	-49	2	208	109
83332 POSSE	1406S	04622W	826		920.0	1009.4	24.1	.6	23.4		16	251	28	3		
83344 VITORIA DA CONQUISTA	1457S	04053W	840		917.1	1014.2			24.0		12	158	34	4	131	89
83358 POXOREO (POXOREU)	1550S	05423W	450		968.0	1007.4			28.2		18	372		5	395	
83361 CUIABA	1533S	05607W	151		992.8	1012.9	27.9	.7	28.6		15	447	293	6	138	70
83377 BRASILIA	1547S	04756W	1159		885.8	1010.0	21.2	-.5	20.5		22	372	134	5	107	75
83423 GOIANIA	1640S	04915W	741		928.9	1009.4	24.5	.5	22.7		22	186	-34	2		
83437 MONTES CLAROS	1643S	04352W	646		940.0	1010.8	24.4	1.0	22.0		11	131	-80	2	159	99
83492 TEOFIL OTONI	1751S	04131W	356		974.2	1010.4			23.4		11	193	13	4		
83498 CARAVELAS	1744S	03915W	3		1014.3	1014.8	25.6	.5	27.7		11	181	5	3	192	80
83550 SAO MATEUS	1842S	03951W	25		1011.7	1014.6			27.4		17	237	74	4		
83565 PARANAIBA	1942S	05111W	331		962.9	1009.9			27.0		15	241	88	5	183	82
83579 ARAXA	1934S	04656W	1004		901.5	1012.0			21.3		16	438	230	6	126	72
83587 BELO HORIZONTE	1956S	04356W	850		912.4	1011.7	22.4	.2	18.8		14	255	28	3	145	80
83592 CARATINGA	1948S	04209W	609		946.0	1013.6	23.0	.4	21.8		7	85	-103	1	155	99
83623 VOTUPORANGA	2025S	04959W	503		952.2	1010.5	24.6		27.9		11	179		4		
83630 FRANCA	2033S	04726W	1026				22.2	3.4	20.8		18	295	94	5	57	51
83648 VITORIA	2019S	04020W	36		1011.9	1016.1	25.4	1.0	26.4		12	145	-25	2	146	95
83676 CATANDUVA	2108S	04858W	536		947.9	1010.0	24.5	-.1	23.5		9	158	25	4	128	60
83698 CAMPOS	2145S	04120W	11		1015.8	1017.2	25.0		25.4		14	141		3		
83726 SAO CARLOS	2201S	04753W	856		918.8	1014.6	22.5	1.4	21.0		9	86	-74	1	110	112
83738 RESENDE	2229S	04428W	440		965.8				22.1		17	256		4		
83766 LONDRINA	2323S	05111W	566		948.8	1012.8	24.1	2.0	21.4		7	124	-31	3	218	112
83781 SAO PAULO	2330S	04637W	792		925.1	1013.5	21.5	1.2	19.6		11	102	-43	3	123	85
83827 FOZ DO IGUAU (AEROPORTO)	2531S	05435W	180		983.2	1010.5	25.1		22.5		11	130				
83836 IRATI	2528S	05038W	837		915.6	1011.9	19.9		19.4		5	77		2	173	95
83842 CURITIBA	2525S	04916W	924		912.8	1015.2	19.5	1.3	17.9		5	22	-101	1	106	70
83897 FLORIANOPOLIS	2735S	04834W	2		1015.0	1015.3	23.2	1.7	21.6		15	109	-20	2	184	106
83967 PORTO ALEGRE	3001S	05113W	47		1007.8	1013.4	22.8	1.5	20.5		10	125	21	4	250	116
83980 BAGE	3120S	05406W	242		984.0	1011.7	22.0	1.9	18.4		3	103	-9	3	232	105
83997 ST.VITORIA DO PALMAR	3331S	05321W	24		1011.5	1016.0	19.9	1.7	18.0		6	80	-15	3	220	93
BOLIVIA																
85041 COBIJA	1102S	06847W	235		982.4	1008.7	27.0		29.6		20	207		3		

SURFACE

NOVEMBER 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.
85043 RIBERALTA	1100S	06607W	141		993.4	1009.5	27.3		30.0		18	203		3		
85104 SAN JOAQUIN	1304S	06449W	140		991.9	1007.9	27.3		30.0		16	145		2		
85109 SAN RAMON	1318S	06442W	140		992.2	1008.1	27.3		30.1		20	168		0		
85114 MAGDALENA	1320S	06407W	140		992.2	1008.4	27.3		30.2		19	184		3		
85123 SANTA ANA	1346S	06526W	144		991.6	1008.0	27.3		29.3		21	431		6		
85140 REYES	1419S	06723W	140		987.5	1008.2	27.1		28.3		14	332		0		
85141 RURRENABAQUE	1428S	06734W	204		984.3	1007.4	27.5		31.5		14	228		3		
85152 SAN BORJA	1452S	06652W	194		985.4	1008.0	27.2		29.2		16	370		6		
85153 SAN IGNACIO DE MOXOS	1455S	06536W	160		989.4	1007.6	27.0		29.5		17	400		6		
85154 TRINIDAD	1449S	06455W	155		990.8	1008.5	27.1		28.8		19	443		5		
85175 ASCENCION DE GUARAYOS	1543S	06306W	247		982.0	1011.0	27.0		28.0		12	87		2		
85195 SAN JAVIER	1616S	06228W	534		948.9	1008.6	25.1		26.2		13	223		5		
85196 CONCEPCION	1609S	06201W	497		953.1	1011.6	25.7		26.9		12	161		4		
85201 LA PAZ/ALTO	1631S	06811W	4058		629.3		10.5		6.9		14	41		3		
85207 SAN IGNACIO DE VELASCO	1623S	06058W	413		962.5	1009.2	26.5		26.7		13	121		3		
85210 SAN MATIAS	1620S	05823W	124		1000.9	1011.7	28.1		30.6		17	287				
85223 COCHABAMBA	1725S	06611W	2548		748.5		21.1		11.5		13	76		5		
85242 ORURO	1758S	06704W	3072		654.6		13.9		8.8		3	25		3		
85244 VIRU-VIRU	1738S	06308W	373		966.2	1008.5	26.4		25.2		14	101		0		
85245 SANTA CRUZ/EL TROMPILLO	1748S	06311W	418		960.6	1008.0	25.5		24.6		13	198		4		
85247 SAN JOSE DE CHIQUITOS	1748S	06044W	284		975.9	1012.2	27.5		27.6		12	235		5		
85264 VALLEGRANDE	1828S	06406W	1998		802.0		17.8		16.6		13	57		0		
85268 ROBORE	1819S	05946W	276		978.9	1011.3	26.9		28.9		12	204		5		
85289 PUERTO SUAREZ	1859S	05749W	134		992.7	1007.7	27.3		31.2		12	144		4		
85293 POTOSI	1933S	06544W	3935		636.5		11.6		8.6		5	31		0		
85312 MONTEAGUDO	1947S	06355W	992		888.8		22.6		20.9		9	67		0		
85315 CAMIRI	2000S	06332W	798		920.0	1007.1	24.2		20.9		19	24		0		
85345 VILLAMONTES	2115S	06327W	398		964.0	1009.8			23.5		10	70		0		
85364 TARIJA	2133S	06442W	1854		812.4		20.6		16.6		12	112		5		
85365 YACUIBA	2157S	06339W	645		936.0	1009.0	23.7		24.0		10	99		3		
CHILE																
85406 ARICA	1821S	07020W	55		1009.9	1014.3	20.4	1.3	15.4	-5	0	T	T	5	230	100
85418 IQUIQUE	2032S	07011W	48		1008.6	1014.2	19.9	1.5	15.6	.4	0	T	T	5	282	100
85442 ANTOFAGASTA	2326S	07027W	140		998.3	1014.6	17.5	.6	14.0	-5	0	T	-1	4	272	100
85469 ISLA DE PASCUA	2710S	10920W	69		1016.7	1021.9	20.8		18.3		9	35		2	245	110
85488 LA SERENA	2955S	07112W	146		998.4	1015.3	15.2	.9	13.9	.7	0	T	-1	3	241	115
85574 PUDAHUEL	3323S	07047W	474		959.8	1013.8	19.4		9.7		0	T		1		
85577 QUINTA NORMAL	3326S	07041W	520		955.1	1014.4	19.3		10.6		0	T		3	300	110
85585 JUAN FERNANDEZ	3337S	07849W	30		1016.5	1020.1	15.0		11.9		12	53		5	203	115
85629 CURICO	3458S	07113W	220		989.2	1014.8	17.8	1.9	10.2	-2.6	2	6	-17	2	305	110
85672 CHILLAN	3635S	07202W	148								6	93	53	5		
85682 CONCEPCION	3646S	07304W	148		1016.1	1017.0	14.5	1.0	12.8	1.0	8	32	-9	3		
85743 TEMUCO	3846S	07238W	93		1007.1	1017.5	12.5	-2	11.6	.1	12	61	2	4		
85766 VALDIVIA	3938S	07305W	19		1015.4	1017.4	12.1	-6	11.5	.2	12	120	47	5	213	95
85782 OSORNO	4036S	07303W	58								12	76	18	4		

SURFACE

NOVEMBER 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.
85799 PUERTO MONTT	4126S	07306W	90		1006.7	1016.9	11.2	-4	10.6	-5	12	123	112	4	177	105
85864 COYHAIQUE	4536S	07206W	311		974.4	1011.3	10.5	-5	8.4	-3	10	79	23		224	100
85874 BALMACEDA	4555S	07142W	522		948.8	1010.7	9.0	-2	7.4	.1	7	45	17	5		
85934 PUNTA ARENAS	5300S	07051W	43		994.2	999.3	8.8	.6	7.2	-3	6	11	-20	1	230	110
PARAGUAY																
86068 MARISCAL ESTIGARRIBIA	2201S	06036W	167		989.4	1008.5	26.4	-1.3	25.7	5.7	8	237	154	5	194	
86086 LA VICTORIA	2217S	05756W	88		1000.4	1009.3	27.7	.7	25.7	2.6	10	481	331	6	219	
86097 PEDRO JUAN CABALLERO	2335S	05544W	652		946.9	1010.8	24.0		22.5		8	160		2	193	
86128 POZO COLORADO	2327S	05852W	99		997.9	1009.1	26.2		24.9		10	262		5	221	
86134 CONCEPCION	2325S	05718W	74		1000.6	1009.2	26.3	.3	25.9	3.6	8	263	102	5	233	
86170 GRAL. BRUGUEZ	2445S	05850W	89		997.6	1007.8	25.7		25.8		9	205		4	249	
86185 SAN PEDRO	2404S	05705W	80		997.7	1007.0	25.5		24.0		8	199		4	222	
86192 SAN ESTANISLAO	2440S	05626W	183		991.2	1012.7	26.7		23.5		9	137		4		
86218 AEROPUERTO SILVIO PETTIROSSI	2515S	05731W	101		1000.7	1010.2	25.8	.9	23.9	3.3	7	271	119	5	261	
86221 PARAGUARI	2538S	05708W	116		997.4	1010.8	25.7		24.0		7	200		5	244	
86233 VILLARRICA	2546S	05626W	161		991.0	1009.8	25.2	1.0	23.8	3.0	9	202	30	4	229	
86234 CORONEL OVIEDO	2528S	05624W	159		992.4	1010.6	24.9		20.5		8	295		5	248	
86246 AEROPUERTO INT. GUARANI	2521S	05427W	236		982.5	1010.8	24.9		22.7		11	135		3	247	
86255 PILAR	2651S	05819W	59		1003.1	1009.7	25.0	.3	23.7	2.8	7	252	95	5	185	
86260 SAN JUAN BAUTISTA MISIONES	2640S	05709W	126		995.4	1010.1	24.0	.7	21.6	2.8	7	224	45	4	243	
86285 CAPITAN MEZA	2656S	05512W	263		979.7	1009.9	23.6		23.8		10	270		5	199	
86297 ENCARNACION	2720S	05550W	91		988.2	1011.3	24.3	1.6	21.2	1.6	8	290	129	5	239	
URUGUAY																
86330 ARTIGAS	3023S	05630W	123		997.5	1004.5	22.6	1.2	19.2	2.7	7	238	111	5	263	101
86350 RIVERA	3053S	05532W	242		985.4	1013.1	21.7		17.9		5	155		4	241	95
86360 SALTO	3123S	05757W	33				22.3	1.6			6	142	13	4	248	98
86430 PAYSANDU	3220S	05802W	61								5	96		3	165	60
86440 MELO	3222S	05611W	100		1000.9	1006.8	20.8	1.9	18.3	2.0	6	121	18	4	265	113
86460 PASO DE LOS TOROS	3248S	05631W	75		1004.2	1013.4	21.4	1.4			4	278	170	5		
86490 MERCEDES	3315S	05804W	22		1010.3	1012.4	21.0	1.2	16.9	2.1	9	98	7	4	222	88
86560 COLONIA	3427S	05750W	22		1009.5	1012.1	20.7	1.2			8	81	-27	3	207	86
86565 ROCHA	3429S	05418W	18		1010.5	1012.7	18.9	1.3	18.2	1.8	8	107	24	4	221	95
86580 CARRASCO	3450S	05600W	32		1009.7	1013.6	19.2	.9	16.0	1.2	10	74	-20	3		
ARGENTINA																
87007 LA QUIACA OBSERVATORIO	2206S	06536W	3462		670.1	3090 Z	14.7	2.7	7.1	.0	6	27	-3	3	305	
87016 ORAN AERO	2309S	06419W	357		967.1	1007.3	24.7	-1	23.7	2.6	7	116	24	4	157	90
87022 TARTAGAL AERO	2239S	06349W	450		958.2	1008.2	24.1		22.1		6	70			83	
87046 JUJUY AERO	2423S	06505W	921		909.2	1483 Y	22.4		18.9		5	30		2	193	90
87047 SALTA AERO	2451S	06529W	1238		876.9	1488 Y	20.3	.0	17.3	2.0	7	62	-3	4	194	113
87065 RIVADAVIA	2410S	06254W	205		984.4		25.3	-1.3	23.7		11	156	80	6		
87078 LAS LOMITAS	2442S	06035W	130		994.5	1009.4	26.1	.0	23.8	4.3	8	178	71	5	209	80

SURFACE

NOVEMBER 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.
87097 IGUAZU AERO	2544S	05428W	270		979.8	1010.5	24.7		23.0		10	119		3	215	135
87121 TUCUMAN AERO	2651S	06506W	450		958.4	1008.6	23.8		20.5		7	86			208	
87129 SANTIAGO DEL ESTERO AERO.	2746S	06418W	199		986.4	1009.1	24.7	.0	20.1	2.4	8	115	48	5	199	93
87148 PRESIDENCIA ROQUE SAENZ PENA	2644S	06029W	93		996.2	1006.7	24.7		23.2		5	144			260	105
87155 RESISTENCIA AERO	2727S	05903W	53		1004.0	1010.0	24.5		23.2		9	214		4	199	95
87162 FORMOSA AERO	2612S	05814W	60		1002.6	1009.5	25.8	1.3	24.8	3.3	7	245	74	4	251	98
87163 B.DE IRIGOYEN AERO	2615S	05339W	815		921.2	1503 Y	20.5		18.8		11	153			223	
87178 POSADAS AERO.	2722S	05558W	131		995.9	1010.2	25.1	1.4	21.8	1.9	8	251	95	4	184	
87217 LA RIOJA AERO.	2923S	06649W	438		958.8	1006.4	25.7	.3	18.3	2.4	4	21	-22	2	242	96
87222 CATAMARCA AERO.	2836S	06546W	454		955.3	1005.9	25.8		16.7		9	73		4	212	90
87244 VILLA DE MARIA DEL RIO SECO	2954S	06341W	341		972.2	1011.1	22.2	.2	18.3	1.2	7	95	0	3		
87257 CERES AERO	2953S	06157W	88		998.8	1009.0	23.0	.5	18.8	.9	6	164	60	5	272	102
87270 RECONQUISTA AERO	2911S	05942W	53		1004.7	1010.8	23.9	1.3	21.1	1.0	7	267	137	5	263	102
87289 PASO DE LOS LIBRES AERO	2941S	05709W	70		1003.3	1011.4	23.4	1.1	20.0	1.7	6	189	46	4	251	123
87305 JACHAL	3015S	06845W	1175		942.0	1008.7	23.3		11.9		2	4		4	314	100
87320 CHAMICAL AERO	3022S	06617W	467		956.7	1008.3	24.5	.5	18.7	4.7	4	114	57	5	273	
87328 VILLA DOLORES AERO	3157S	06508W	569		946.1	1009.9	22.4	-1	15.7	2.4	10	123	57	5	308	
87344 CORDOBA AERO	3119S	06413W	484		955.1	1011.2	21.2	.4	16.0	.8	12	130	23	4	262	109
87349 PILAR OBSERVATORIO	3140S	06353W	338		973.2	1011.9	21.7	1.2	16.8	2.1	11	93	-1	3	266	100
87374 PARANA AERO	3147S	06029W	78		1003.3	1012.0	21.5	.6	17.3	.7	9	307	192	5	236	86
87393 MONTE CASEROS AERO	3016S	05739W	54		1003.1	1009.4	23.5	1.5	19.4	1.4	6	135	-10	3		
87395 CONCORDIA AERO	3118S	05801W	38		1007.6	1012.0	22.7	1.3	17.9	.8	5	168	28	4	226	
87418 MENDOZA AERO	3250S	06847W	705		930.8	1009.1	21.4	-3	12.6	1.3	5	13	-2	3	310	105
87436 SAN LUIS AERO	3316S	06621W	713		930.0	1009.3	21.5	.1	14.5	2.9	10	133	56	4	314	105
87448 VILLA REYNOLDS AERO	3344S	06523W	486		955.8	1011.1	20.4	.5	14.4	.9	13	97	16	4	246	92
87453 RIO CUARTO AERO	3307S	06414W	421		962.9	1011.1	20.4	.5	14.9	1.2	15	193	72	5	230	
87467 MARCOS JUAREZ AERO	3242S	06209W	114		996.8	1010.0	21.0	.5	17.1	.9	9	265	166	6	221	90
87480 ROSARIO AERO	3255S	06047W	25		1009.0	1011.9	21.3	1.0	17.0	.6	10	234	136	6	204	76
87497 GUALEGUAYCHU AERO	3300S	05837W	23		1008.9	1011.4	21.0	.7	16.8	.6	5	131	30	4	171	70
87506 MALARGUE AERO	3530S	06935W	1426		856.3	1488 Y	16.4	.8	7.0	-7	3	21	-1	4	296	
87509 SAN RAFAEL AERO	3435S	06824W	748		927.3	1011.0	19.4	-1	10.7	-4	5	41	-3	3	245	87
87532 GENERAL PICO AERO	3542S	06345W	145		995.1	1012.0	19.9	.3	13.8	-1	7	107	7	3	188	
87534 LABOULAYE AERO	3408S	06322W	137		995.9	1011.8	20.8	.9	15.3	.7	8	76	-31	3	279	101
87544 PEHUAJO AERO	3552S	06154W	87		1002.8	1013.1	19.1	.5	15.8	.5	7	63	-44	2	283	107
87548 JUNIN AERO	3433S	06055W	82		1002.3	1011.8	19.6	.6	14.9	-1	7	117	8	3	236	90
87576 EZEIZA AERO	3449S	05832W	20		1010.6	1013.0	20.7	1.7	15.6	.5	8	214	116	6	200	
87593 LA PLATA AERO	3458S	05754W	21		1011.3	1014.0	19.1	.8	16.8	1.0	8	165	72	5	245	109
87623 SANTA ROSA AERO	3634S	06416W	191		990.2	1012.5	19.1	-2	13.2	-3	7	90	-11	3	223	82
87640 BOLIVAR AERO	3612S	06104W	94		1000.3	1011.7	18.5		15.7		8	92			249	
87641 AZUL AERO	3650S	05953W	147		996.2	1013.5	17.5		14.2		12	191			248	100
87645 TANDIL AERO	3714S	05915W	175		993.1	1013.7	16.5		13.6		13	174		5	207	85
87648 DOLORES AERO	3621S	05744W	10		1010.6	1011.7	18.4	1.0	15.6	.4	7	74	-12	3	228	96
87688 TRES ARROYOS	3820S	06015W	115		997.8	1011.4	16.8		13.2		11	148		5		
87692 MAR DEL PLATA AERO	3756S	05735W	21		1011.3	1013.9	16.3	.4	14.7	.7	10	140	65	5	162	
87715 NEUQUEN AERO	3857S	06808W	271		980.9	1012.3	19.3	.0	9.2	1.1	5	46	37	6	281	100
87750 BAHIA BLANCA AERO	3844S	06210W	83		1003.4	1013.2	17.6	-8	13.1	1.2	11	123	62	5	265	100

SURFACE

NOVEMBER 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.
87765 BARILOCHE AERO	4109S	07110W	845		918.0	1474 Y	10.4	-2	7.2	-.7	8	51	27	5		
87784 SAN ANTONIO OESTE AERO	4047S	06506W	20		1008.1	1010.5	18.7	-.1	9.6	-.5	4	14	-4	1	270	
87791 VIEDMA AERO	4051S	06301W	7		1011.3	1012.1	17.4		11.3		4	32		4	261	95
87803 ESQUEL AERO	4256S	07109W	799		920.5	1012.2	10.8	-.4	7.1	.6	8	59	40	6	262	
87823 P.MADRYN AERO	4244S	06504W	136		994.5	1010.5	16.3		11.2		4	14			248	
87828 TRELEW AERO	4312S	06516W	43		1005.8	1010.9	17.4	.2	9.0	1.6	3	9	-5	2	266	93
87852 PERITO MORENO AERO	4631S	07101W	429		957.4	1007.7	11.6		6.3		1	7				
87860 COMODORO RIVADAVIA AERO	4547S	06730W	58		1002.2	1007.6	16.2	.3	7.9	.8	3	19	9	5	275	118
87896 PUERTO DESEADO AERO	4744S	06555W	81		996.4		13.7	.9	9.1	.9	3	24	15	5	227	
87904 EL CALAFATE AERO	5016S	07203W	204		979.2	1003.4	11.3		5.6		0	0			300	
87909 SAN JULIAN AERO	4919S	06745W	62		997.6	1005.0	13.7		6.3		3	14		4	262	
87925 RIO GALLEGOS AERO	5137S	06917W	20		998.7	1001.0	11.4	.3	5.9	-1.0	1	4	-17	1	270	
87934 RIO GRANDE B.A.	5348S	06745W	22		995.0	997.7	8.8		7.3		2	10		1	265	145
87938 USHUAIA AERO	5448S	06819W	57		988.3	995.1	8.1	.3	6.5	-1.0	9	23	-11	1	191	
ISLANDS																
88889 MOUNT PLEASANT AIRPORT	5149S	05827W	73		993.0	1001.4	8.9		7.7							
88900 BIRD ISLAND, SOUTH GEORGIA	5400S	03803W	2		995.4	995.6	2.1		6.2						77	
88903 GRYTVIKEN,	5416S	03630W	3		992.8	993.0	4.7		5.8							
ANTARCTICA																
ARGENTINA (ANTARCTIC)																
88963 BASE ESPERANZA	6324S	05659W	24		976.8	979.8	-.5	1.2	4.7		4	24	-41	0	146	
88968 BASE ORCADAS	6044S	04444W	8		983.8	985.3	.1	1.4	5.2		18	68	24	3	60	100
89034 BASE BELGRANO II	7752S	03437W	256		951.2	982.7	-5.0		3.8		3	20			131	
89053 BASE JUBANY	6214S	05838W	11		980.2	981.5	.5		5.4		8	26			86	
89055 BASE MARAMBIO (CENTRO MET. A	6414S	05643W	208		954.6	978.8	-2.9		4.5						94	
89066 BASE SAN MARTIN	6807S	06708W	7		974.3	975.2	-.8		4.3		7	13			107	
AUSTRALIA (ANTARCTIC)																
89564 MAWSON	6736S	06252E	16		981.6	983.5	-7.4		1.8						301	118
89571 DAVIS	6835S	07758E	23		979.7	982.7	-6.6		2.5						259	114
89578 EAGLE	7625S	07701E	2824		679.5		-45.0									
89611 CASEY	6617S	11030E	42		972.9	978.2	-4.8		3.1						74	35
89615 WILKINS RUNWAY EAST	6640S	11131E	755		888.8	976.0	-10.7		2.1							
89767 G3	7054S	06952E	84		973.5											
89809 CASEY SKIWAY SOUTH	6617S	11045E	399		932.1	979.8	-7.3		2.7							
CHILE (ANTARCTIC)																
89056 CENTRO MET. ANTARTICO PDTE.	6211S	05859W	48		976.3	981.1	-.7		5.4	.6	18	63		5		
89057 BASE ARTURO PRAT	6230S	05941W	5		980.2	980.8	-.2	.8	5.4	.7						

SURFACE

NOVEMBER 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.
89059 BASE BERNARDO O'HIGGINS	6319S	05641W	10		978.4	979.9	-1.3	.4	4.7	.4	4	16	-45	1	92	100
CHINA (ANTARCTIC)																
89058 GREAT WALL	6213S	05858W	10		979.3	981.4	.0		5.5							
89573 ZHONGSHAN	6922S	07622E	18		981.0	983.2	-7.3		2.3							
FINLAND (ANTARCTIC)																
89014 NORDENSKIOLD BASE	7303S	01323W			921.2	982.5	-9.5		2.2							
FRANCE (ANTARCTIC)																
89642 DUMONT D'URVILLE	6639S	14000E	43		977.6	983.0	-6.4		2.2						308	
GERMANY (ANTARCTIC)																
89002 NEUMAYER	7040S	00815W	50		974.2	979.5	-9.8		2.6						332	145
INDIA (ANTARCTIC)																
89514 MAITRI	7046S	01145E			962.9	979.1	-5.3									
ITALY (ANTARCTIC)																
89648 MID POINT	7232S	14550E	2509		709.5		-37.0									
89659 PRIESTLEY GLACIER	7338S	16030E	1924		758.3		-29.0									
89661 CAPE PHILLIPS	7331S	16940E	569		916.7	984.7	-11.1									
89666 CAPE ROSS	7643S	16250E	150		962.7	981.5	-7.9									
JAPAN (ANTARCTIC)																
89532 SYOWA	6900S	03935E	21		976.5	979.2	-6.7	-.3	3.1	.5					189	
NORWAY (ANTARCTIC)																
89504 TROLL	7201S	00223E	1284		833.8	982.4	-11.4		.9							
UKRAINE (ANTARCTIC)																
89063 VERNADSKY	6515S	06416W	11		975.5	976.6	-6		4.7		12	59			61	
UNITED KINGDOM (ANTARCTIC)																
89013 BLADRICK AWS	8246S	01303W	1968		760.4		-27.2		.5							
89022 HALLEY	7535S	02639W	35		978.4		-8.8									
89062 ROTHERA	6734S	06808W	33		970.6	974.6	-1.3		4.4						167	100
89065 FOSSIL BLUFF	7120S	06817W	69		965.7	973.4	-3.3		3.9							

SURFACE

NOVEMBER 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.
USA (ANTARCTIC)																
89009 AMUNDSEN-SCOTT	9000S	00000W	2835		680.4		-38.2	.2							611	100
89061 PALMER STATION	6446S	06405W	8		973.5	979.2	-.2		5.8							
89257 UNI. WI ID 8925- LIMBERT AWS	7525S	05957W	59		971.7	976.8	-10.3		2.6							
89262 UNI. WI ID 8926-LARSEN ICE S	6657S	06055W	45		973.7	979.1	-8.1		2.8							
89266 UNI. WI ID 8902 - BUTLER IS.	7212S	06009W	115		964.8	979.2	-9.5		2.6							
89272 UNI. WI ID 8917 - SKI-BLU	7447S	07029W	1589		795.7		-15.3		1.5							
89314 UNI. WI ID 21358 - THERESA	8436S	11540W	1463		812.9		-17.0		1.1							
89324 UNI. WI ID 8903 - BYRD STN	8000S	11920W	1530		800.9		-20.1									
89327 UNI. WI ID 8981- MOUNT SIPLE	7312S	12700W	230		946.7	975.4	-13.3									
89329 UNI. WI HARRY	8300S	12123W	945				-16.0									
89332 UNI. WI ID 21361- ELIZABETH	8237S	13700W	549		912.3	975.0	-14.9		1.5							
89345 UNI. WI ID 8900 - SIPLE DOME	8139S	14840W	620		893.1		-15.0									
89376 UNI. WI ID 8911 - GILL	7959S	17830W	55				-15.6									
89664 MCMURDO	7751S	16640E	24		977.0		-7.8	1.9								
89667 UNI. WI ID 8927-PEGASUS NORT	7757S	16630E	10		973.0	980.5	-11.7		1.9							
89734 UNI. WI ID 8982- DOME FUJI	7719S	03942E	3810		595.0		-41.3									
89744 UNI. WI ID 8918- RELAY STAT	7401S	04303E	3353		633.1		-38.0									
89828 UNI. WI ID 8989 - DOME C II	7507S	12320E	3250		640.8		-38.0									
89832 UNI. WI ID 8914 - D-10	6643S	13950E	243		951.1	981.1	-9.3		1.4							
89834 UNI. WI ID 8916 - D-47	6724S	13840E	1560		805.2		-20.2		.9							
89864 UNI. WI ID 8905 - MANUELA	7457S	16340E	80		971.3	981.1	-8.9		1.7							
89865 UNI. WI ID 8921 - WHITLOCK	7608S	16820E	274		948.5		-8.5									
89866 UNI. WI ID 8906- MARBLE PT.	7726S	16340E	84		967.7											
89868 UNI. WI ID 8913-SCHWERDTFEGE	7954S	16950E	60		973.4	980.3	-14.3		1.7							
89869 UNI. WI ID 8931 - MARILYN	7957S	16500E	75		973.6		-13.5									
89872 UNI. WI ID 8934 - FERRELL	7754S	17040E	45		975.4		-13.1									
89873 UNI. WI ID 8915 - ELAINE	8308S	17410E	60		973.0	980.5	-11.7		1.9							
89879 UNI. WI ID 8984-POSSESSION I	7153S	17110E	30		970.0		-4.6									
SOUTH AFRICA (ANTARTIC)																
89004 S.A.N.A.E. AWS	7142S	00248W	817		879.1	981.4	-12.1									
RUSSIAN FEDER. ANTARCTICA																
89050 BELLINGSHAUSEN AWS	6212S	05856W	16		979.4	981.3	-.7		5.3	18	71			79		
89512 NOVOLAZAREVSKAJA	7046S	01150E	119		964.5	979.2	-5.5		1.7	0	0			384		
89574 PROGRESS	6924S	07624E	15		981.2	983.0	-7.1		2.4	7	27			306		
89592 MIRNYJ	6633S	09301E	40		975.8	981.4	-7.7		2.5	5	36			303		
89606 VOSTOK	7827S	10650E	3488		623.3	967.6	-42.2		.1		2			696	160	
SW PACIFIC																

SURFACE

NOVEMBER 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.
MALAYSIA (PENIN. MALAYSIA)																
48601 PENANG/BAYAN LEPAS	0518N	10010E	4		1010.0	1009.6	27.7	1.2			15	223	-8	4		
48615 KOTA BHARU	0610N	10210E	5		1010.3	1009.7	26.8	.9	8.6	-19.7	19	573	-83	3		
48620 SITIAWAN	0413N	10040E	8		1010.0	1009.1	27.3		8.2		20	193		2		
48647 KUALA LUMPUR/SUBANG	0307N	10130E	27		1010.5	1008.0	27.6	1.5	22.0	-7.2	18	421	146	4		
48650 SEPANG	0306N	10130E	21		1010.1	1008.2	27.4		35.3		18	380		2		
48657 KUANTAN	0347N	10310E	16		1010.3	1008.5	26.6	1.3			25	357	14	3		
48665 MALACCA	0216N	10210E	9		1010.6	1009.6	27.4	1.3	10.4	-19.1	18	234	3	3		
SINGAPORE																
48698 SINGAPORE/CHANGI AIRPORT	0122N	10350E	16		1008.7	1010.5	27.3	1.0	30.3	.9	22	170	-82	1	115	89
USA (PACIFIC OCEAN NORTH)																
91165 LIHUE, KAUAI, HAWAII	2159N	15920W	32		1011.2	1016.5	24.9	.7	22.9		13	95	-43	3		
91182 HONOLULU, OAHU, HAWAII	2121N	15750W	5		1015.0	1015.6	25.2	.1	23.1		3	9	-67	1		
91190 KAHULUI AIRPORT, MAUI, HAWAII	2054N	15620W	20		1013.5	1016.0	25.3	1.0	24.2		3	36	-29	3		
91212 NWSO AGANA, GUAM, MARIANA IS	1328N	14440E	75		1002.3	1010.7	28.9	1.2	33.3		14	115	-93	1		
91285 HILO/GEN. LYMAN, HAWAII, HAW	1943N	15500W	11		1014.4	1015.8	23.9	.5	23.3		22	291	-77	2		
91334 CHUUK, ECI	0727N	15150E	4				28.3	.6				382	101	4		
91348 POHNPEI, CAROLINE IS.	0658N	15810E	38				27.9	.8				279	-120	1		
91366 KWAJALEIN/BUCHOLZ AAF, MARSH	0844N	16740E	8				28.6	.8				308	38	4		
91376 MAJUORO/MARSHALL IS. INTNL.	0705N	17120E	3				28.7	1.4				236	-89	2		
91413 YAP, CAROLINE IS.	0929N	13800E	16				28.5	1.2				306	76	4		
NEW CALEDONIA																
91577 KOUMAC (NLLE-CALEDONIE)	2034S	16417E	24								5	45	-18			
91592 NOUMEA (NLLE-CALEDONIE)	2217S	16627E	72		1005.2	1013.2	24.5	1.1	19.5		4	52	-10		268	107
DETACHED ISLANDS																
91753 HIIHIFO (ILE WALLIS)	1314S	17611W	27		1006.6	1009.8	27.7		30.6		22	397			196	
SAMOA AND AMERICAN SAMOA																
91765 PAGO PAGO/INT.AIRP.	1420S	17040W	6		1009.8	1010.1	28.1		30.6		19	302		6		
FRENCH POLY. (MARQUESAS IS)																
91925 ATUONA	0949S	13902W	53		1005.2	1011.2	26.5		25.3		9	35	-34		228	93
FRENCH POLY. (SOCIETY IS)																
91929 BORA-BORA	1627S	15145W	3		1011.8	1012.1	28.0		28.5		7	157			247	119
91938 TAHITI-FAAA	1733S	14937W	2		1012.1	1012.3	27.6		26.5		5	41	-121			

SURFACE

NOVEMBER 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.
FRENCH POLY. (TUAMOTU IS)																
91943 TAKAROA	1429S	14502W	3		1011.8	1012.1	27.9		27.4		9	104			243	
91948 RIKITEA	2308S	13458W	91		1005.9	1016.1	23.4		24.2		10	130	-101		151	85
FRENCH POLY. (AUSTRAL IS)																
91954 TUBUAI	2321S	14929W	3		1014.3	1015.0	23.4		22.6		4	92	-29		243	125
91958 RAPA	2737S	14420W	2		1015.3	1015.5	21.2		20.1		13	112			146	
NEW ZEALAND																
93110 AUCKLAND AERO AWS	3700S	17440E	7			1013.3	16.4		14.7		12	98		4		
93292 GISBORNE AERODROME AWS	3839S	17750E	5			1012.6	16.1	.3	13.7		14	85	29	4	243	
93309 NEW PLYMOUTH AWS	3901S	17410E	32			1012.9	14.5		14.6		11	74		2	254	
93420 PARAPARAUMU AERO AWS	4054S	17450E	7			1012.4	14.8		13.9		11	81		4	229	
93439 WELLINGTON AERO AWS	4120S	17440E	13			1012.0	14.8		12.9		14	99		5		
93615 HOKITIKA AERODROME AWS	4243S	17050E	45			1011.8	13.3		12.2		13	323		4	231	
93678 KAIKOURA	4225S	17340E	105			1011.1	13.6		11.9		8	154		6		
93747 TARA HILLS AWS	4431S	16950E	488			1011.5	11.4		9.3		10	124		5		
93781 CHRISTCHURCH AERO AWS	4329S	17230E	37			1011.2	13.4		11.9		13	103		5		
93845 INVERCARGILL AERO AWS	4625S	16820E	2			1010.2	12.4		11.3		14	151		5		
93947 CAMPBELL ISLAND AWS	5233S	16900E	19								13	102		2		
93994 RAOUL ISLAND, KERMADEC IS. A	2915S	17750W	49			1014.6	19.7		17.8		12	100		3	181	
AUSTRALIA																
94100 KALUMBURU	1418S	12630E	29		1006.2	1008.9	32.1		25.8							
94120 DARWIN AIRPORT	1225S	13050E	35		1005.3	1009.2	29.7		29.0		15	209	78	5	246	96
94131 TINDAL RAAF	1431S	13220E	135			993.4	1008.4		31.6		9	176				
94150 GOVE AIRPORT	1217S	13640E	54		1003.8	1009.8	29.5		28.0		0	0				
94170 WEIPA AERO	1241S	14150E	19		1007.5	1009.6	30.6		25.0		2	3				
94203 BROOME AIRPORT	1757S	12210E	17		1008.0	1009.0	29.5		27.0							
94238 TENNANT CREEK MET OFFICE	1938S	13410E	377			966.9	1008.5		31.2							
94260 BURKETOWN AIRPORT	1745S	13930E	6		1008.4	1009.1	31.3		25.8		3	80				
94274 GEORGETOWN AIRPORT	1818S	14330E	303			975.7	1009.2		30.7		4	14				
94287 CAIRNS AERO	1653S	14540E	8		1010.5	1011.4	28.4		24.5		5	31	-69	1		
94294 TOWNSVILLE AERO	1915S	14640E	9		1010.6	1011.6	28.3		23.7							
94299 WILLIS ISLAND	1618S	14950E	9		1010.2	1011.3	28.3		27.0		1	3	-28	1		
94300 CARNARVON AIRPORT	2453S	11340E	8		1012.3	1012.8	23.0		17.3							
94302 LEARMONTH AIRPORT	2214S	11400E	6		1010.8	1011.4	25.7		15.1							
94312 PORT HEDLAND AIRPORT	2022S	11830E	10		1007.8	1008.6	29.4		21.1							
94313 WITTENOOM	2215S	11820E	464		956.5	1007.2	31.6		7.7		0	0		1		
94317 NEWMAN AERO	2325S	11940E	526		950.1	1007.6	29.9		9.1							
94326 ALICE SPRINGS AIRPORT	2348S	13350E	547		949.8	1010.5	26.2		13.3							
94332 MOUNT ISA AERO	2041S	13920E	342		971.1	1008.9	30.7		14.8		3	51	27	1		

SURFACE

NOVEMBER 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.
94340 RICHMOND POST OFFICE	2044S	14300E	214				31.3				1	1		1		
94346 LONGREACH AERO	2326S	14410E	192		988.4	1010.0	29.5		12.8							
94367 MACKAY MO	2107S	14910E	33		1007.9	1012.1	27.1		23.7		3	16	-72	1		
94374 ROCKHAMPTON AERO	2323S	15020E	14		1010.6	1012.3	26.9		18.1							
94380 GLADSTONE RADAR	2351S	15110E	75		1004.0	1012.6			20.3							
94403 GERALDTON AIRPORT	2848S	11440E	37		1010.6	1014.1	19.8		14.1		0	T	-12	1		
94430 MEEKATHARRA AIRPORT	2637S	11830E	522		952.1	1009.6	26.0		8.5							
94461 GILES METEOROLOGICAL OFFICE	2502S	12810E	599		943.5	1009.3	27.7		10.4		4	25	3	4	315	102
94476 OODNADATTA AIRPORT	2733S	13520E	118		998.4	1011.8	25.8		10.4							
94510 CHARLEVILLE AERO	2625S	14610E	306		976.3	1010.6	27.2		11.0		5	48	6	4		
94517 ST GEORGE AIRPORT	2803S	14830E	200		988.3	1010.9	25.8		11.4							
94570 TEWANTIN RSL PARK	2623S	15300E	7		1012.1	1013.0	24.0		19.6		3	32				
94578 BRISBANE AERO	2723S	15300E	10		1011.7	1012.7	23.3		17.6		6	19	-90	1	322	125
94589 YAMBA PILOT STATION	2926S	15320E	30		1008.9	1012.2	22.5		19.4		8	48		2		
94601 CAPE LEEUWIN	3422S	11500E	14		1015.4	1017.1	16.6		12.7		6	17		1		
94602 ROTTNEST ISLAND	3201S	11530E	43		1009.9	1015.0	18.0		13.5		2	3				
94610 PERTH AIRPORT	3156S	11550E	20		1012.7	1015.1	19.1		11.7		3	5	-17	1	334	
94637 KALGOORLIE-BOULDER AIRPORT	3047S	12120E	370		970.6	1012.3	21.5		10.7		3	62	43	5		
94638 ESPERANCE	3350S	12150E	27		1012.1	1015.3	17.3		12.7							
94647 EUCLA	3141S	12850E	102		1003.3	1014.3	18.9		13.3		8	56		6		
94653 CEDUNA AMO	3208S	13340E	24		1012.2	1014.0	19.3		12.8		9	29	11	4		
94655 TARCOOLA AERO	3043S	13430E	125		999.4	1013.7	22.3		10.3							
94659 WOOMERA AERODROME	3109S	13640E	168		993.5	1012.9	22.0		9.6							
94672 ADELAIDE AIRPORT	3457S	13830E	8		1012.5	1013.5	18.3		11.0		7	35	13	5	279	100
94681 NURIOOTPA VITICULTURAL	3429S	13900E	276		981.1	1013.1	17.0		9.9		7	37	10	1		
94693 MILDURA AIRPORT	3414S	14200E	53		1006.2	1012.1	20.8		9.2		4	19	-2	3		
94707 CONDOBLIN AG RESEARCH STN	3304S	14710E	195				21.4				9	83		5		
94711 COBAR MO	3129S	14550E	264		981.2	1011.3	23.1		10.1		6	55	24	1		
94730 BATHURST AGRICULTURAL STATIO	3326S	14930E	713				16.9				9	89		4		
94740 GUNNEDAH SCS	3102S	15010E	307				22.9				6	80		4		
94750 NOWRA RAN AIR STATION AWS	3457S	15030E	122		999.1	1011.3	19.3		14.2		6	175	61	1		
94767 SYDNEY AIRPORT AMO	3356S	15110E	6		1011.3	1011.9	21.1		15.7		6	88	-13	3	238	98
94776 WILLIAMTOWN RAAF	3248S	15150E	10		1010.7	1011.6	21.1		16.2		4	78	2	3		
94786 PORT MACQUARIE AIRPORT AWS	3126S	15250E	5		1011.4	1012.0	20.7		17.8		7	69				
94802 ALBANY AIRPORT	3456S	11740E	71		1008.1	1016.4	15.2		12.4		9	43	-4	1		
94812 ROBE	3710S	13940E	4				15.5				7	42		4		
94814 STRATHALBYN RACECOURSE	3517S	13850E	58		1006.4	1013.3	17.4		10.7		7	44				
94821 MOUNT GAMBIER AERO	3744S	14040E	69		1004.7	1013.0	14.6		11.8							
94826 CAPE NELSON LIGHTHOUSE	3826S	14130E	47		1007.0	1012.5	15.2		12.7		9	27				
94827 NHILL AERODROME	3619S	14130E	140		995.8	1012.1	17.2		9.9		6	23				
94842 CAPE OTWAY LIGHTHOUSE	3851S	14330E	83		1002.3	1012.2	15.1		11.9		9	40		2		
94865 LAVERTON RAAF	3752S	14440E	20		1009.6	1012.1	16.8		12.1		10	67	18	5		
94866 MELBOURNE AIRPORT	3740S	14450E	132		998.1	1012.1	16.6		11.3		9	99	36	5	214	100
94893 WILSONS PROMONTORY LIGHTHOUS	3907S	14620E	97		999.0	1010.6	15.4		12.7		10	93		5		
94907 EAST SALE AIRPORT	3806S	14700E	8				16.0		13.3							
94910 WAGGA WAGGA AMO	3510S	14720E	221		986.3	1011.0	19.7		11.2		9	96	56	5		

SURFACE

NOVEMBER 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.
94926 CANBERRA AIRPORT	3518S	14910E	580		945.4	1011.5	17.5		10.9		11	82	18	1		
94937 MORUYA HEADS PILOT STATION	3555S	15000E	17				18.4				9	97		3		
94954 CAPE GRIM BAPS	4040S	14440E	94		1000.2	1011.2	13.4		12.0		9	37				
94967 CAPE BRUNY LIGHTHOUSE	4330S	14700E	55				13.3				12	52		1		
94975 HOBART AIRPORT	4250S	14730E	27		1006.6	1009.9	14.9		10.8		8	44	-2	3	175	81
94983 EDDYSTONE POINT	4100S	14820E	21		1007.9	1010.4	15.2		12.6		8	106		5		
95322 RABBIT FLAT	2011S	13000E	340		970.3	1007.8	31.3		15.6		6	40				
95482 BIRDSVILLE AIRPORT	2554S	13920E	47		1005.2	1010.5			12.1							
95492 THARGOMINDAH AIRPORT	2759S	14340E	132		995.8	1010.7	27.6		9.7		4	38				
95527 MOREE AERO	2929S	14950E	218		986.4	1011.3	24.2		11.6		6	68				
95529 MILES CONSTANCE STREET	2639S	15010E	305		977.5	1012.1	24.4		13.4		5	23				
95541 INVERELL (RAGLAN ST)	2947S	15100E	636				20.7				4	80				
95625 CUNDERDIN AIRFIELD	3137S	11710E	217		988.9	1014.0	20.5		9.7		0	T				
95640 WANDERING	3240S	11640E	275				17.2		10.7		3	14				
95646 FORREST	3050S	12800E	160		994.9	1013.4	21.3		12.1							
95670 RAYVILLE PARK	3347S	13810E	109		1000.5	1013.3	18.1		10.1		7	40				
95719 DUBBO AIRPORT AWS	3213S	14830E	285		978.8	1011.5	21.1		11.8							
95753 RICHMOND RAAF	3336S	15040E	21		1009.5	1011.8	20.9		15.2		7	93				
95784 TAREE AIRPORT AWS	3153S	15230E	12		1010.7	1011.8	20.6		16.8		11	87				
95805 CAPE BORDA AWS	3545S	13630E	158		995.2	1013.9	14.7		11.1							
95869 DENILQUIN AIRPORT AWS	3534S	14450E	96		1000.0	1011.1	20.3		9.5		6	22				
95908 THREDBO VILLAGE	3630S	14810E	1380				9.8									
95916 CABRAMURRA SMHEA	3556S	14820E	1483				10.4		8.8		12	269				
95940 PT PERPENDICULAR AWS	3505S	15040E	85		1001.7	1011.6	18.7		15.5		10	153				
95964 LOW HEAD	4103S	14640E	4		1010.2	1010.6	14.5		13.2		10	115				
AUSTRALIA (ADDITIONAL IS.)																
94995 LORD HOWE ISLAND AERO	3132S	15900E	7		1011.9	1012.7	20.5		18.2		14	142	22	1		
94996 NORFOLK ISLAND AERO	2902S	16750E	117		1000.6	1014.3	19.7		17.8		8	143	46	4		
94998 MACQUARIE ISLAND	5430S	15850E	8		1001.7	1002.7	6.1		8.2		14	48	-22	1	161	158
INDONESIA																
96001 SABANG/CUT BAU	0552N	09519E	126		996.8	1011.4	26.4		30.5		20	299			112	
96035 MEDAN/POLONIA	0334N	09841E	25		1009.2	1010.0	26.8		31.2		15	141			152	90
96073 SIBOLGA/PINANGSORI	0133N	09853E	3		1009.8	1010.5	26.0		4.2		23	574		2	92	70
96091 TANJUNG PINANG/KIJANG	0055N	10430E	18		1008.8	1011.1	26.6		30.5		21	322			104	120
96109 PEKAN BARU/SIMPANGTIGA	0028N	10120E	31		1005.6	1009.3	27.1		29.8		16	333		4	148	100
96145 TAREMPA	0312N	10610E	3		1009.5	1009.9	27.2		30.8		19	267			111	120
96163 PADANG/TABING	0053S	10020E	3		1010.5	1011.2	26.2		30.0		21	521		6	108	100
96171 RENGAT/JAPURA	0020S	10210E	46		1007.3	1009.7	26.9		30.3		20	434		6	115	130
96195 JAMBI/SULTAN TAHA	0138S	10330E	25		1007.0	1010.0	26.9		3.0			421			135	135
96221 PALEMBANG/ST. M. BADARUDIN I	0254S	10440E	10		1008.8	1010.2	27.2		30.7		20	330		0	137	55
96237 PANGKAL PINANG	0210S	10600E	33		1016.0	1010.0	26.8		27.6		19	261			96	110
96249 TANJUNG PANDAN/BULUH TUMBANG	0245S	10740E	44		1004.2	1010.3	26.2		2.7		24	0417		2	93	80
96253 BENGKULU/PADANG KEMILING	0353S	10220E	16		1008.0	1009.9	26.6		30.7		21	478			104	55

SURFACE

NOVEMBER 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.
96581 PONTIANAK/SUPADIO	0009S	10920E	3		1009.8	1010.5	26.6		30.0		20	329		2	164	110
96633 BALIKPAPAN/SEPINGGAN	0116S	11650E	3		1009.1	1009.5	27.5		32.1		15	120		3	82	75
96645 PANGKALAN BUN/ISKANDAR	0242S	11140E	25		1007.0				30.3		3			0	125	95
96685 BANJARMASIN/SYAMSUDIN NOOR	0326S	11440E	20		1007.6	1009.7	27.3		30.4		22	218		3	137	120
96739 CURUG/BUDIARTO	0614S	10630E	46		1006.1	1011.0	26.8		29.2		17	270		5	38	30
96749 JAKARTA/SOEKARNO-HATTA	0607S	10630E	8		1008.3	1009.6	27.6		25.2		2	8				
96791 CIREBON/JATIWANGI	0645S	10810E	50		1004.9	1010.0	28.4		28.7		12	149		2	123	90
96797 TEGAL	0651S	10900E	10		1009.8	1010.2	28.7		28.8		6	35		0	158	95
96805 CILACAP	0744S	10900E	6		1010.6	1011.3	27.4		30.5		21	681			123	85
96837 SEMARANG	0658S	11020E	3		1009.6	1009.7	29.1		29.7		20	127			193	180
96839 SEMARANG/AHMAD YANI	0659S	11020E	3		1009.5	1009.8	28.5		29.3		14	294			209	100
96925 SANGKAPURA (BAWEAN IS.)	0551S	11230E	3		1009.2	1009.7	28.2		31.0		19	311			189	110
96935 SURABAYA/JUANDA	0722S	11240E	3		1009.5	1009.8	29.4		29.4		10	188			183	90
97014 MENADO/ SAM RATULANGI	0132N	12450E	80		1000.6	1009.9	26.7		29.1		19	329		4	145	90
97072 PALU/MUTIARA	0041S	11940E	6			1011.4	27.9		29.0		7	440			165	145
97086 LUWUK/BUBUNG	0054S	12240E	2		1007.5	1009.6	28.9		29.6		13	79			201	60
97120 MAJENE	0230S	11900E			1006.5	1010.0	28.3		3.0		11	107			217	80
97146 KENDARI/WOLTER MONGINSIDI	0406S	12220E	50		1005.1	1011.1	29.4				11	280				
97192 BAU-BAU/BETO AMBARI	0528S	12230E	2		1005.3	1011.8	28.2		30.6		12	79			171	
97230 DENPASAR/NGURAH RAI	0845S	11510E	1		1010.0	1010.5	27.9		30.9		14	310		5	243	105
97240 MATARAM/SELAPARANG	0832S	11600E	3		999.6	1011.2	27.6		30.8		9	255			191	
97260 SUMBAWA BESAR/BRANGBIJI	0826S	11720E	3		1008.7	1009.2	28.5		30.7		12	160		4	253	110
97340 WAINGAPU/MAU HAU	0940S	12020E	12		1009.0	1010.1	28.7		29.7		7	129		5	187	95
97372 KUPANG/ELTARI	1010S	12340E	108		1006.1	1010.2	27.7		31.9		01	1		2		
97430 TERNATE/BABULLAH	0046N	12720E	23		1006.6	1010.6	27.7		26.0		15	240		4	193	115
97530 MANOKWARI/RENDANI	0053S	13400E	3		1008.4	1008.8	27.6		30.3		16	278		4	105	75
97560 BIAK/FRANS KAISIEPO	0111S	13600E	11		1011.1	1012.4	27.1		30.7		21	137			154	120
97600 SANANA	0205S	12600E	2		1009.2	1009.4	28.6		25.0		6	150		5	232	5
97686 WAMENA	0404S	13850E	1660		834.9	1007.6	19.4		.8		22	135		4	147	
97690 JAYAPURA/SENTANI	0234S	14020E	99		998.9	1008.4	27.3		2.9		6	202		2	94	
97724 AMBON/PATIMURA	0342S	12800E	12		1007.2	1009.0	27.5		29.7		6	27			191	95
97796 TIMIKA	0500S	13720E	3		1005.8	1010.6	27.0		30.1		19	264			96	
97900 SAUMLAKI/OLILIT	0759S	13110E	24		1010.2	1009.4	29.2		30.8		5	90		1	398	
97980 MERAUKE/MOPAH	0828S	14020E	3		1008.6	1009.0	28.7		28.4		3	16			237	140
BRUNEI DARUSSALAM																
96315 BRUNEI AIRPORT	0456N	11450E	22		1008.5	1010.4	27.9		31.6	1.4	21	275	-84	2	235	115
MALAYSIA (SABAH AND SARAWAK)																
96413 KUCHING	0129N	11020E	27		1010.1	1007.4	26.8				17	348		3		
96421 SIBU	0220N	11150E	31		1010.0	1006.4	26.7		33.1		22	362		4		
96441 BINTULU	0312N	11300E	5		1009.7	1007.0	26.8	.5	28.8		20	640	213	5		
96449 MIRI	0420N	11350E	18		1009.6	1007.7	27.6	2.1	47.4		16	179	-143	1		
96465 LABUAN	0518N	11510E	30		1009.8	1006.5	27.8		42.7	12.2	19	347		3		
96471 KOTA KINABALU	0556N	11600E	3		1009.8	1009.5	28.0				16	207		2		

SURFACE

NOVEMBER 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.
96481 TAWAU	0416N	11750E	20		1009.5	1007.6	27.0				18	215	65	5		
96491 SANDAKAN	0554N	11800E	13		1009.9	1008.7	27.8	1.0			18	299		3		
ISLANDS																
96996 COCOS ISLAND AERO	1211S	09650E	4		1012.2	1012.7	27.0		26.1							
PHILIPPINES																
98223 LAOAG	1811N	12030E	5		1011.4	1012.0	27.2		26.4		0	0		0	277	
98232 APARRI	1822N	12130E	3		1013.9	1014.2			29.8	1.4	3	72	-253			
98233 TUGUEGARAO	1737N	12140E	62		1007.3	1014.4	26.7		26.4		2	12			204	
98325 DAGUPAN	1603N	12020E	2		1012.0	1012.2	28.1	.7	29.8	1.7	0	T	-60	0	258	
98328 BAGUIO	1625N	12030E	1501		852.7	1010.1	19.4		18.2		2	18			237	
98330 CABANATUAN	1529N	12050E	32		1009.5	1012.7	30.0		28.1		1	2				
98430 SCIENCE GARDEN	1438N	12100E	46		1006.9	1011.8	28.0		28.1		2	7			202	
98444 LEGASPI	1308N	12340E	17		1010.0	1011.8	27.8	1.0	31.7	1.9	21	318	-161	0		
98550 TACLOBAN	1115N	12500E	3		1010.0	1010.3	27.4	.4	23.7	-6.0	24	362	83			
98644 TAGBILARAN	0936N	12350E	8		1007.7	1010.6	26.4		29.6		17	173				
98646 MACTAN	1018N	12350E	24		1007.8	1010.6	28.0	.1	27.6	-2.7	14	79	-52		170	
98653 SURIGAO	0948N	12530E	55		1007.6	1012.1	27.1	.3	29.8	-4	25	293	-85			
98755 HINATUAN	0822N	12620E	3		1009.8	1010.2	27.1		29.8		20	383				
98836 ZAMBOANGA	0654N	12200E	6		1009.3	1010.1	28.8	1.3	29.8	.3	5	24	-74			
98851 GENERAL SANTOS	0601N	12500E	133		1020.0	1010.0			28.1		8	46				
98851 GENERAL SANTOS	0601N	12500E	133		1020.0	1010.0			28.1		8	46				

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.

UPPER AIR

NOVEMBER 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 NOV 2018 3509N 03324E OB 2									ASIA - SAUDI ARABIA AL-QAISUMAH 40373 NOV 2018 2819N 04608E OB									ASIA - INDIA SRINAGAR 42027 NOV 2018 3405N 07450E OB 3												
030	23705	3	-60.2	30.6	9	80	270	6	030	23714	5	-60.1	28.9	5	80	270	8	030												
050	20551	1	-63.5	29.4	9	87	291	6	050	20587	5	-67.1	23.4	5	93	268	11	050	20567	9	-67.4	11.2	9	97	275	23				
100	16278	0	-61.5	28.3	9	91	289	14	100	16422	5	-67.3	19.8	5	98	262	28	100	16462	9	-70.6	10.4	9	97	270	31				
150	13750	0	-59.2	26.5	9	85	294	16	150	13946	5	-62.1	19.4	5	96	261	35	150	14015	9	-63.2	10.6	9	98	268	44				
200	11943	0	-57.8	17.8	9	77	309	15	200	12151	5	-57.1	14.1	5	94	260	34	200	12220	9	-55.9	10.5	9	98	268	48				
300	9326	0	-44.5	13.2	9	69	278	15	300	9495	5	-40.0	9.4	5	91	255	26	300	9539	9	-37.6	13.8	9	98	271	36				
500	5702	0	-16.8	18.7	9	81	266	9	500	5800	5	-12.6	18.0	5	91	250	15	500	5812	9	-10.1	19.9	9	96	277	18				
700	3093	0	-2	12.5	9	58	266	4	700	3151	5	3.4	9.8	5	84	244	9	700	3135	9	6.6	23.7	9	92	298	8				
850	1512	0	9.0	7.9	3	21	33	1	850	1543	5	13.2	9.8	5	50	236	3	850	1516	9	15.3	16.1	9	76	313	5				
998	* 162		17.7	7.7					977	* 358		19.2	5.9						982	*1587		20.5	8.1							
ASIA - INDIA LUCKNOW/AMAUSI 42369 NOV 2018 2645N 08053E OB 3									ASIA - INDIA GUWAHATI 42410 NOV 2018 2606N 09135E OB 3									ASIA - INDIA CALCUTTA/DUM DUM 42809 NOV 2018 2239N 08827E OB 3												
030									030									030												
050	20629	3	-68.1	26.7	3	80	278	10	050	20610	3	-64.4	12.3	3	92	268	10	050	20625		-65.2	11.5		58	273	3				
100	16536	2	-72.0	23.2	2	86	269	25	100	16529	2	-72.9	11.2	2	97	272	28	100	16579		-75.9	9.7		95	265	17				
150	14116	2	-62.8	23.0	2	79	266	33	150	14102	1	-63.7	12.5	2	99	267	40	150	14186		-65.6	11.1		98	262	30				
200	12283	2	-53.7	23.0	2	80	269	35	200	12296	1	-52.8	14.4	2	98	269	44	200	12386		-53.1	13.3		98	265	32				
300	9570	1	-35.0	15.8	1	90	277	31	300	9572		-34.6	17.3	2	98	277	35	300	9651		-32.7	18.4		97	278	25				
500	5807		-9.0						500	5813		-8.3	23.7	2	95	273	18	500	5855		-5.9	29.3		95	281	13				
700	3137		7.6	17.7		90	301	8	700	3118	1	5.2	17.4	2	49	266	3	700	3142		9.2	28.8		82	286	6				
850	1515		15.1	11.2		73	307	5	850	1508	1	13.9	6.9	2	12	118	1	850	1516		14.8	8.3		68	323	3				
999	* 128		21.4	7.7					1008	* 54		17.1	1.0					1012	* 6		24.9	6.7								
ASIA - INDIA NAGPUR SONEGAON 42867 NOV 2018 2106N 07903E OB 3									ASIA - INDIA BHUBANESHWAR 42971 NOV 2018 2015N 08550E OB 3									ASIA - INDIA BOMBAY / SANTACRUZ 43003 NOV 2018 1907N 07251E OB 3												
030									030									030												
050	20629		-61.8			21	5	1	050	20731	4	-63.6	28.4	5	94	85	5	050	20618		-66.6	10.1		4	86	1				
100	16593		-76.7			89	264	10	100	16633	2	-78.5	19.2	5	61	236	3	100	16593		-77.8	7.7		82	250	6				
150	14211		-66.7			98	256	22	150	14265	1	-56.6	18.2	5	91	233	14	150	14221		-67.0	8.9		91	247	17				
200	12419		-53.6	12.1		98	258	24	200	12467	1	-52.0	15.5	5	92	233	16	200	12431		-53.6	11.2		98	249	18				
300	9686		-31.5	17.7		95	277	18	300	9711	1	-29.6	18.7	3	87	243	12	300	9662		-32.1	16.2		90	266	11				
500	5881		-5.1	27.6		87	299	7	500	5880	1	-4.3	14.4	2	74	244	6	500	5885		-4.7	24.7		54	342	3				
700	3162		9.8	25.8		68	338	3	700	3151		10.5	12.1	2	27	290	1	700	3160		10.3	23.0		57	47	3				
850	1350		17.7	10.7		42	14	1	850	1510		18.9	5.6	2	60	30	4	850	1520		19.9	11.2		65	76	3				
978	* 310		22.3	6.9					1005	* 46		26.6	3.6					1009	* 14		28.0	8.8								

UPPER AIR

NOVEMBER 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 HYDERABAD AIRPORT 43128 NOV 2018 1727N 07828E OB 3									ASIA - INDIA GOA/PANJIM 43192 NOV 2018 1529N 07349E OB 3									ASIA - INDIA PORT BLAIR 43333 NOV 2018 1140N 09243E OB 3										
030									030									030										
050									050	20671	7	-66.5	44.0		7	74	53	5	050	20639	3	-67.0	44.4		3	85	50	5
100	16685	6	-78.0	49.7	6	43	254	1	100	16624	5	-79.6	44.5		5	4	322	1	100	16634		-81.5	43.5			46	1	1
150	14304	5	-65.5	36.5	5	86	226	6	150	14266	4	-67.2	31.5		4	81	225	4	150	14287		-66.9				39	229	1
200	12499	4	-51.7	22.0	4	88	219	7	200	12473	3	-52.7	18.4		3	86	232	4	200	12490		-51.9	14.0			31	247	1
300	9743	4	-30.2		4	51	218	2	300	9726	3	-30.5	46.5		3	40	226	1	300	9728		-29.0	39.8			36	31	1
500	5901	4	-2.7	31.8	4	57	48	1	500	5889	2	-3.2	21.8		2	76	34	3	500	5907		-3.8	14.1			51	28	1
700	3161	4	11.4	2.2	4	61	32	1	700	3165	2	10.1	.4		2	69	38	2	700	3188		10.3	4.2			46	39	1
850	1515	3	18.6	11.3	3	77	48	3	850	1516	2	20.0	14.0		2	72	45	2	850	1524		18.1	15.1			65	28	1
952	* 545		20.0	16.5					1003	* 60		24.3	22.6						1001	* 79		26.6	23.6					
ASIA - INDIA KOCHIN/WILLINGDON 43353 NOV 2018 0957N 07616E OB 3									ASIA - INDIA MINICOY 43369 NOV 2018 0818N 07309E OB 3									ASIA - INDIA THIRUVANANTHAPURAM 43371 NOV 2018 0829N 07657E OB 3										
030									030									030										
050	20572	2	-68.5	45.5	2	82	55	7	050									050	20696	8	-69.5	46.2		8	72	41	6	
100	16591	1	-82.0	45.0	1	36	24	1	100	16629	2	-80.8	48.5		2	33	65	1	100	16725	2	-80.5	46.5		2	38	37	1
150	14242	1	-67.5	29.4	1	13	331	1	150	14290	1	-65.4	31.7		1	17	59	1	150	14346		-65.0	29.0			36	60	1
200	12453	1	-53.2	14.4	1	14	81	1	200	12484	1	-51.4	16.2		1	35	70	1	200	12536		-50.5	14.5			45	23	1
300	9707	1	-30.2	38.5	1	36	29	1	300	9722	1	-29.2	38.7		1	64	50	2	300	9761		-28.2	37.1			73	41	2
500	5873	1	-4.5	13.8	1	78	42	3	500	5875	1	-3.7	13.5		1	81	46	3	500	5902		-2.7	9.3			83	33	2
700	3148	1	9.9	4.0	1	62	32	1	700	3153	1	10.8	2.7		1	62	37	1	700	3159		11.4	5.2			68	36	1
850	1507	1	18.3	15.5	1	56	35	1	850	1521	1	19.0	14.5		1	46	34	1	850	1510		19.3	17.1			75	50	1
1008	* 3		27.8	23.3					1009	* 2		28.1	24.8						1002	* 64		26.6	24.1					
ASIA - HONG KONG, CHINA KOWLOON 45004 NOV 2018 2219N 11410E OB 1									SW PACIFIC - INDONESIA MEDAN/POLONIA 96035 NOV 2018 0334N 09841E OB /																			
030	23777	1	-59.6	28.1	1	79	76	6	030	23682	9	-55.3			9	86	273	9										
050	20629	1	-66.2	24.0	0	28	109	1	050	20507	8	-70.3			8	0	92	25										
100	16596	0	-78.0	10.4	0	92	257	15	100	16556	7	-84.4			7	71	78	8										
150	14222	0	-66.1	11.1	0	97	259	28	150	14227	7	-68.0			7	83	91	12										
200	12421	0	-52.0	15.8	0	96	258	29	200	12440	7	-53.1			7	79	92	9										
300	9673	0	-31.4	20.6	0	94	264	25	300	9691	7	-30.1	4.7		7	67	89	4										
500	5872	0	-6.8	20.4	0	95	253	14	500	5858	1	-5.4	2.8		1	55	124	3										
700	3170	0	8.0	9.5	0	74	256	6	700	3139	0	9.6	3.7		0	33	165	2										
850	1546	0	14.6	3.0	0	50	105	3	850	1500	0	17.9	3.2															
1010	* 66		21.3	4.1					1009	* 25		24.6	1.6															

UPPER AIR

NOVEMBER 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

NOVEMBER 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	35746	C	ARALSKOE MORE	KAZAKHSTAN
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	38880	C	ASHGABAT KESHI	TURKMENISTAN
47582	C	AKITA	JAPAN	33915	C	ASKANIYA-NOVA	UKRAINE
38232	C	AKKUDUK	KAZAKHSTAN	08011	C	ASTURIAS/AVILES	SPAIN
42933	C	AKOLA	INDIA	65376	C	ATAKPAME	TOGO
72521	C	AKRON/AKRON-CANTON REG. OH.	USA	35078	C	ATBASAR	KAZAKHSTAN
35229	C	AKTOBE	KAZAKHSTAN	16716	C	ATHINAI (AIRPORT)	GREECE
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	74745	C	AUSTIN-BERGSTROM INTL AIRPOR	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
87750	C	BAHIA BLANCA AERO	ARGENTINA	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	10129	C	BREMERHAVEN	GERMANY
30612	C	BALAGANSK	RUSSIAN FEDERATION	16061	C	BRIC DELLA CROCE	ITALY
10675	C	BAMBERG	GERMANY	11723	C	BRNO/TURANY	CZECH REP
14542	C	BANJA LUKA	BOSNIA AND HERZEGOV	10453	C	BROCKEN	GERMANY
10180	C	BARTH	GERMANY	96315	C	BRUNEI AIRPORT	BRUNEI DARUSSALAM
06601	C	BASEL-BINNINGEN	SWITZERLAND & LIECH	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
44302	C	BAYAN-OVOO	MONGOLIA	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
82191	C	BELEM	BRAZIL	15350	C	BUZAU	ROMANIA
40180	C	BEN-GURION INT. AIRPORT	ISRAEL	48914	C	CA MAU	VIET NAM
13274	C	BEOGRAD	SERBIA AND MONTENEG	86268	C	CAAZAPA	PARAGUAY
64600	C	BERBERATI	CENTRAL AFRICAN REP	78310	C	CABO SAN ANTONIO,	CUBA
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	78355	C	CAMAGUEY	CUBA
72515	C	BINGHAMTON/BROOME CO., NY.	USA	17112	C	CANAKKALE	TURKEY
61075	C	BIRNI-N'KONNI	NIGER	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	03967	C	CASEMENT AERODROME	IRELAND
01028	C	BJORNOYA	NORWAY	83676	C	CATANDUVA	BRAZIL
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	16148	C	CERVIA	ITALY
82024	C	BOA VISTA	BRAZIL	07314	C	CHASSIRON	FRANCE
65510	C	BOBO-DIOULASSO	BURKINA FASO	10577	C	CHEMNITZ	GERMANY
01152	C	BODO VI	NORWAY	41768	C	CHHOR	PAKISTAN
31439	C	BOGORODSKOE	RUSSIAN FEDERATION	48303	C	CHIANG RAI	THAILAND
10249	C	BOIZENBURG	GERMANY	60425	C	CHLEF	ALGERIA
10161	C	BOLTENHAGEN	GERMANY	44259	C	CHOIBALSAN	MONGOLIA
31253	C	BOMNAK	RUSSIAN FEDERATION	93781	C	CHRISTCHURCH AERO AWS	N ZEALAND

STATION LIST RECENT DATA

47014	C	CHUNGGANG	DPR KOREA
96805	C	CILACAP	INDONESIA
72421	C	CINCINNATI/GREATER CINCINNAT	USA
96791	C	CIREBON/JATIWANGI	INDONESIA
08348	C	CIUDAD REAL	SPAIN
72328	C	CLARKSVILLE, TN	USA
07460	C	CLERMONT-FERRAND	FRANCE
15120	C	CLUJ-NAPOCA	ROMANIA
71358	C	CLYDE RIVER CLIMATE, NU	CANADA
76741	C	COATZACOALCOS, VER.	MEXICO
85041	C	COBIJA	BOLIVIA
85223	C	COCHABAMBA	BOLIVIA
70316	C	COLD BAY, AK	USA
76848	C	COMITAN, CHIS.	MEXICO
86134	C	CONCEPCION	PARAGUAY
03955	C	CORK AIRPORT	IRELAND
65344	C	COTONOU	BENIN
41992	C	COX'S BAZAR	BANGLADESH
85864	C	COYHAIQUE	CHILE
16480	C	COZZO SPADARO	ITALY
15450	C	CRAIOVA	ROMANIA
72325	C	CROSSVILLE, TN	USA
80097	C	CUCUTA/CAMILO DAZA	COLOMBIA
08231	C	CUENCA	SPAIN
83361	C	CUIABA	BRAZIL
28704	C	CULPANOVO	RUSSIAN FEDERATION
95625	C	CUNDERDIN AIRFIELD	AUSTRALIA
83842	C	CURITIBA	BRAZIL
72769	C	CUT BANK, MT CUT BANK MUNI A	USA
10131	C	CUXHAVEN	GERMANY
43150	CT	CWC VISHAKHAPATNAM/WALTAIR	INDIA
48855	C	DA NANG	VIET NAM
58666	C	DACHEN DAO	CHINA
47133	C	DAEJEON	REP KOREA
98325	C	DAGUPAN	PHILIPPINES
62467	C	DAHAB	EGYPT
61641	C	DAKAR/YOFF	SENEGAL
31873	C	DAL NERECHENSK	RUSSIAN FEDERATION
62805	C	DAMAZINE	SUDAN
04320	C	DANMARKSHAVN	GREENLAND
65351	C	DAPAON	TOGO
38545	C	DARGANATA	TURKMENISTAN
38392	C	DASHOGUZ	TURKMENISTAN
26544	C	DAUGAVPILS	LATVIA

89571	C	DAVIS	AUSTRALIA
71966	C	DAWSON, YT	CANADA
72429	C	DAYTON/. COX, OH.	USA
68538	C	DE AAR	SOUTH AFRICA
71222	C	DEASE LAKE AUT, BC	CANADA
12882	C	DEBRECEN	HUNGARY
16546	C	DECIMOMANNU	ITALY
65505	C	DEDOUGOU	BURKINA FASO
72787	C	DEER PARK, WA DEER PARK ARPT	USA
38734	C	DEHAVZ	TAJKISTAN
71573	C	DELHI CS, ONT	CANADA
17237	C	DENIZLI	TURKEY
56444	C	DEQEN	CHINA
41624	C	DERA ISMAIL KHAN	PAKISTAN
72546	C	DES MOINES/MUN., IA.	USA
72537	C	DETROIT/METROPOLITAN, MI.	USA
41923	C	DHAKA	BANGLADESH
42404	C	DHUBRI	INDIA
41242	C	DIBA	OMAN
72763	C	DICKINSON, ND	USA
10321	C	DIEPHOLZ	GERMANY
61085	C	DIFFA	NIGER
07280	C	DIJON	FRANCE
72770	C	DILLON, MT DILLON ARPT	USA
61666	C	DIORBEL	SENEGAL
17280	C	DIYARBAKIR	TURKEY
64453	C	DJAMBALA	CONGO
60535	C	DJELFA	ALGERIA
34504	C	DNIPROPETROVS'K	UKRAINE
16033	C	DOBBIACO	ITALY
63862	C	DODOMA	U REP TANZANIA
64401	C	DOLISIE	CONGO
89577	C	DOME A	AUSTRALIA
48848	C	DONG HOI	VIET NAM
65501	C	DORI	BURKINA FASO
61053	C	DOSSO	NIGER
64910	C	DOUALA OBS.	CAMEROON
10488	C	DRESDEN-KLOTZSCHE	GERMANY
41515	C	DROSH	PAKISTAN
95719	C	DUBBO AIRPORT AWS	AUSTRALIA
10400	C	DUESSELDORF	GERMANY
72745	C	DULUTH/INT., MN.	USA
89642	C	DUMONT D'URVILLE	FRANCE
52418	C	DUNHUANG	CHINA

STATION LIST RECENT DATA

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	71894	C	ESTEVAO POINT CS, BC	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
60540	C	EL-KHEITER	ALGERIA	10578	C	FICHTELBERG	GERMANY
27648	C	ELAT'MA	RUSSIAN FEDERATION	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	FORTE BOA	BRAZIL
72486	C	ELY/YELLAND, NV.	USA	71160	C	FORT RELIANCE (AUT), NWT	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
36307	C	ERZIN	RUSSIAN FEDERATION	37735	C	GANDJA	AZERBAIJAN
38750	C	ESENGYLY	TURKMENISTAN	65522	C	GAOUA	BURKINA FASO

STATION LIST RECENT DATA

10359	C	GARDELEGEN	GERMANY	02126	C	GUNNARN	SWEDEN
40405	C	GASSIM	SAUDI ARABIA	40360	C	GURIAT	SAUDI ARABIA
61099	C	GAYA	NIGER	42410	CT	GUWAHATI	INDIA
17260	C	GAZIANTEP	TURKEY	38763	C	GYZYLARBAT	TURKMENISTAN
26157	C	GDOV	RUSSIAN FEDERATION	40250	C	H-4 'IRWAISHED'	JORDAN
62752	C	GEDAREF	SUDAN	47678	C	HACHIJAJIMA	JAPAN
10628	C	GEISENHEIM	GERMANY	47069	C	HAEJU	DPR KOREA
87532	C	GENERAL PICO AERO	ARGENTINA	10616	C	HAHN	GERMANY
68828	C	GEORGE AIRPORT	SOUTH AFRICA	59758	C	HAIKOU	CHINA
10567	C	GERA-LEUMNITZ	GERMANY	17285	C	HAKKARI	TURKEY
60517	C	GHAZAOUET	ALGERIA	62733	C	HALFA EL GAIDIDA	SUDAN
40296	C	GHOR SAFI	JORDAN	10147	C	HAMBURG-FUHLBUETTEL	GERMANY
08495	C	GIBRALTAR	GIBRALTAR	10338	C	HANNOVER	GERMANY
10532	C	GIESSEN	GERMANY	02197	C	HAPARANDA	SWEDEN
34740	C	GIGANT	RUSSIAN FEDERATION	40153	C	HAR-KNAAN (ZEFAT)	ISRAEL
08014	C	GIJON-MUSEL	SPAIN	60563	C	HASSIR'MEL	ALGERIA
94461	C	GILES METEOROLOGICAL OFFICE	AUSTRALIA	20891	C	HATANGA	RUSSIAN FEDERATION
17034	C	GIRESUN	TURKEY	71361	C	HAY RIVER CLIMATE, NWT	CANADA
93292	C	GISBORNE AERODROME AWS	N ZEALAND	03772	C	HEATHROW	U KINGDOM
41140	C	GIZAN	SAUDI ARABIA	10015	C	HELGOLAND	GERMANY
71363	C	GJOA HAVEN CLIMATE, NU	CANADA	16754	C	HERAKLION (AIRPORT)	GREECE
72768	C	GLASGOW/INT., MT.	USA	72301	C	HICKORY, NC HICKORY RGNL ARP	USA
72522	C	GLENN FALLS, NY	USA	76323	C	HIDALGO DEL PARRAL,	MEXICO
20292	C	GMO IM.E.K. FEDOROVA	RUSSIAN FEDERATION	60001	C	HIERRO/AEROPUERTO	SPAIN
43192	CT	GOA/PANJIM	INDIA	71066	C	HIGH LEVEL A, ALTA	CANADA
71261	C	GODERICH, ONT	CANADA	91753	C	HIHIFO (ILE WALLIS)	DETACHED ISLANDS
10444	C	GOETTINGEN	GERMANY	91285	C	HILO/GEN. LYMAN, HAWAII, HAW	USA D ISLANDS
83423	C	GOIANIA	BRAZIL	98755	C	HINATUAN	PHILIPPINES
33041	C	GOMEL	BELARUS	47765	C	HIROSHIMA	JAPAN
63331	C	GONDAR	ETHIOPIA	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	71029	C	HOLMAN CS, NWT	CANADA
94150	C	GOVE AIRPORT	AUSTRALIA	70341	C	HOMER/MUNICIPAL	USA
08419	C	GRANADA/AEROPUERTO	SPAIN	62131	C	HON	LIBYA
71570	C	GREAT FALLS CLIMATE, MAN	CANADA	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
76612	C	GUADALAJARA, JAL.	MEXICO	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	87305	C	JACHAL	ARGENTINA
44232	C	HUTAG	MONGOLIA	08417	C	JAEN	SPAIN
41764	C	HYDERABAD	PAKISTAN	43041	C	JAGDALPUR	INDIA
47016	C	HYESAN	DPR KOREA	96745	C	JAKARTA/OBSERVATORY	INDONESIA
15090	C	IASI	ROMANIA	62161	C	JALO	LIBYA
80214	C	IBAGUE/PERALES	COLOMBIA	96195	C	JAMBI/SULTAN TAHA	INDONESIA
41252	C	IBRI	OMAN	01001	C	JAN MAYEN	NORWAY
23274	C	IGARKA	RUSSIAN FEDERATION	54026	C	JARUD QI	CHINA
87097	C	IGUAZU AERO	ARGENTINA	97690	C	JAYAPURA/SENTANI	INDONESIA
61972	C	ILE EUROPA	OCEAN ISLANDS	41024	C	JEDDAH (KING ABDUL AZIZ INT.	SAUDI ARABIA
25248	C	ILIRNEJ	RUSSIAN FEDERATION	47184	C	JEJU	REP KOREA
60640	C	ILLIZI	ALGERIA	60725	C	JENDOUBA	TUNISIA
31416	C	IM POLINY OSIPENKO	RUSSIAN FEDERATION	08451	C	JEREZ DE LA FRONTERA AEROPUE	SPAIN
20667	C	IM. M.V. POPOVA	RUSSIAN FEDERATION	41936	C	JESSORE	BANGLADESH
64459	C	IMPFONDO	CONGO	41598	C	JHELUM	PAKISTAN
60611	C	IN-AMENAS	ALGERIA	60351	C	JIJEL-ACHOUAT	ALGERIA
47112	C	INCHEON	REP KOREA	63402	C	JIMMA	ETHIOPIA
42754	C	INDORE	INDIA	54823	C	JINAN	CHINA
67323	C	INHAMBANE	MOZAMBIQUE	52533	C	JIUQUAN	CHINA
11120	C	INNSBRUCK-FLUGHAFEN	AUSTRIA	41756	C	JIWANI	PAKISTAN
72747	C	INT.FALLS/FALLS INT. MN.	USA	41287	C	JOBA	OMAN
71364	C	INUVIK CLIMATE, NWT	CANADA	42339	C	JODHPUR	INDIA
93845	C	INVERCARGILL AERO AWS	N ZEALAND	03956	C	JOHNSTOWN CASTLE	IRELAND
80370	C	IPIALES/SAN LUIS	COLOMBIA	02963	C	JOKIOINEN	FINLAND
71321	C	IQUALUIT CLIMATE, NU	CANADA	02550	C	JONKOPING/AXAMO	SWEDEN
85418	C	IQUIQUE	CHILE	85585	C	JUAN FERNANDEZ	CHILE
83836	C	IRATI	BRAZIL	21931	C	JUBILEJNAJA	RUSSIAN FEDERATION
30710	C	IRKUTSK	RUSSIAN FEDERATION	87046	C	JUJUY AERO	ARGENTINA
29807	C	IRTYSHSK	KAZAKHSTAN	78866	C	JULIANA AIRPORT,	NETHERLANDS ANTILLE
71074	C	ISACHSEN (AUT), NU	CANADA	87548	C	JUNIN AERO	ARGENTINA
28573	C	ISHIM	RUSSIAN FEDERATION	32165	C	JUZHNO-KURIL'SK	RUSSIAN FEDERATION
17370	C	ISKENDERUN	TURKEY	02935	C	JYVASKYLA	FINLAND
41571	C	ISLAMABAD AIRPORT	PAKISTAN	40417	C	K.F.I.A. (KING FAHAD INT. AI	SAUDI ARABIA
17240	C	ISPARTA	TURKEY	62810	C	KADOGLLI	SUDAN
82336	C	ITACOATIARA	BRAZIL	47827	C	KAGOSHIMA	JAPAN
04339	C	ITTOQQORTOORMIIT (SCORESBYSU	GREENLAND	10427	C	KAHLER ASTEN	GERMANY
10142	C	ITZEHOE	GERMANY	60735	C	KAIROUAN	TUNISIA
33526	C	IVANO-FRANKIVS'K	UKRAINE	16726	C	KALAMATA (AIRPORT)	GREECE
23921	C	IVDEL'	RUSSIAN FEDERATION	25745	C	KAMENSKOE	RUSSIAN FEDERATION
60010	C	IZANA	SPAIN RATION	22165	C	KANIN NOS	RUSSIAN FEDERATION
34415	C	IZIUM	UKRAINE	61679	C	KAOLACK	SENEGAL
33889	C	IZMAIL	UKRAINE	71299	C	KAPUSKASING CDA ON, ONT	CANADA
84088	C	IZOBAMBA	ECUADOR	38616	C	KARA-SUU	KYRGYZSTAN
47800	CT	IZUHARA	JAPAN	17074	C	KASTAMONU	TURKEY

STATION LIST RECENT DATA

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
10946	C	KEMPTEN	GERMANY	71332	C	KUGLUKTUK CLIMATE, NU	CANADA
97146	C	KENDARI/WOLTER MONGINSIDI	INDONESIA	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
41114	C	KHAMIS MUSHAIT	SAUDI ARABIA	15730	C	KURDJALI	BULGARIA
60476	C	KHENCHELLA	ALGERIA	47418	C	KUSHIRO	JAPAN
33429	C	KHMEL'NYTS'KYI	UKRAINE	17155	C	KUTAHYA	TURKEY
38954	C	KHOROG	TAJIKISTAN	71906	C	KUUIJUAQ A, QUE	CANADA
41744	C	KHUZDAR	PAKISTAN	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
03066	C	KINLOSS	U KINGDOM	35576	C	KZYLZAR	KAZAKHSTAN
17160	C	KIRSEHIR	TURKEY	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	10805	C	LAHR	GERMANY
30925	C	KJAHTA	RUSSIAN FEDERATION	08509	C	LAJES (ACORES)	PORTUGAL
21921	C	KJUSJUR	RUSSIAN FEDERATION	72240	C	LAKE CHARLES/MUN.,	USA
11231	C	KLAGENFURT-FLUGHAFEN	AUSTRIA	64551	C	LAMBARENE	GABON
10635	C	KLEINER FELDBERG/TAUNUS	GERMANY	48830	C	LANG SON	VIET NAM
32389	C	KLJUCHI	RUSSIAN FEDERATION	98223	C	LAOAG	PHILIPPINES
72326	C	KNOXVILLE/MUN., TN.	USA	16648	C	LARISSA (AIRPORT)	GREECE
11487	C	KOCELOVICE	CZECH REP	60030	C	LAS PALMAS DE GRAN CANARIA/G	SPAIN
06186	C	KOEBENHAVN/LANDBOHOEJSKOLEN	DENMARK AND FAROE I	94865	C	LAVERTON RAAF	AUSTRALIA
36535	C	KOKPEKTY	KAZAKHSTAN	07471	C	LE PUY	FRANCE
29231	C	KOLPASEVO	RUSSIAN FEDERATION	94302	C	LEARMONTH AIRPORT	AUSTRALIA
33883	C	KOMRAT	REP MOLDOVA	12120	C	LEBA	POLAND
10929	C	KONSTANZ	GERMANY	03257	C	LEEMING	U KINGDOM
25503	C	KORKODON	RUSSIAN FEDERATION	98444	C	LEGASPI	PHILIPPINES
11968	C	KOSICE	SLOVAKIA	10449	C	LEINEFELDE	GERMANY
42452	C	KOTA AERODROME	INDIA	83242	C	LENCOIS	BRAZIL
61293	C	KOUTIALA	MALI	08055	C	LEON/VIRGEN DEL CAMINO	SPAIN
45004	CT	KOWLOON	HONG KONG, CHINA	03005	C	LERWICK	U KINGDOM
38915	C	KOYTENDAG	TURKMENISTAN	80398	C	LETICIA/VASQUEZ COBO	COLOMBIA
43314	C	KOZHICODE	INDIA	03171	C	LEUCHARS	U KINGDOM

STATION LIST RECENT DATA

72422	C	LEXINGTON/BLUE GRASS, KY.	USA	64403	C	MAKABANA	CONGO
55591	C	LHASA	CHINA	08482	C	MALAGA/AEROPUERTO	SPAIN
11603	C	LIBEREC	CZECH REP	30252	C	MAMAKAN	RUSSIAN FEDERATION
10591	C	LICHTENHAIN-MITTELNDORF	GERMANY	78741	C	MANAGUA A.C.SANDINO	NICARAGUA
91165	C	LIHUE, KAUAI, HAWAII	USA	67341	C	MAPUTO/MAVALANE	MOZAMBIQUE
07015	C	LILLE	FRANCE	61080	C	MARADI	NIGER
07434	C	LIMOGES	FRANCE	37860	C	MASHTAGA	AZERBAIJAN
10305	C	LINGEN	GERMANY	44314	C	MATAD	MONGOLIA
08535	C	LISBOA/GEOF	PORTUGAL	89564	C	MAWSON	AUSTRALIA
72340	C	LITTLE ROCK/ADAMS FLD,	USA	52323	C	MAZONG SHAN	CHINA
33761	C	LIUBASHIVKA	UKRAINE	70231	C	MCGRATH, AK	USA
67743	C	LIVINGSTONE	ZAMBIA	89664	C	MCMURDO	USA
14015	C	LJUBLJANA/BEZIGRAD	SLOVENIA	60549	C	MECHERIA	ALGERIA
63612	C	LODWAR	KENYA	60437	C	MEDEA	ALGERIA
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	94866	C	MELBOURNE AIRPORT	AUSTRALIA
76305	C	LORETO, BCS	MEXICO	56985	C	MENGZI	CHINA
72295	C	LOS ANGELES /INT.,	USA	17340	C	MERSIN	TURKEY
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	11464	C	MILESOVKA	CZECH REP
71470	C	LUPIN CS, NU	CANADA	41258	C	MINA SULTAN QABOOS	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	47927	C	MIYAKOJIMA	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
82098	C	MACAPA	BRAZIL	72544	C	MOLINE/QUAD CITY,	USA
08219	C	MADRI-COLMENAR	SPAIN	63820	C	MOMBASA INTERNATIONAL	KENYA
47624	C	MAEBASHI	JAPAN	76342	C	MONCLOVA, COAH.	MEXICO
40265	CT	MAFRAQ	JORDAN	71309	C	MOOSONEE RCS, ONT	CANADA
61091	C	MAGARIA	NIGER	61265	C	MOPTI	MALI
37472	C	MAHACHKALA	RUSSIAN FEDERATION	08397	C	MORON DE LA FRONTERA	SPAIN
61096	C	MAINE-SOROA	NIGER	14648	C	MOSTAR	BOSNIA AND HERZEGOV
91376	C	MAJURO/MARSHALL IS. INTNL.	USA IA	71989	C	MOULD BAY CS, NWT	CANADA

STATION LIST RECENT DATA

63619	C	MOYALE	KENYA	07690	C	NICE	FRANCE
33036	C	MOZYR	BELARUS	17250	C	NIGDE	TURKEY
63971	C	MTWARA	U REP TANZANIA	02942	C	NIINISALO	FINLAND
10870	C	MUENCHEN, FLUGHAFEN	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	27459	C	NIZHNIJ NOVGOROD	RUSSIAN FEDERATION
08429	C	MURCIA/ALCANTARILLA	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
20476	C	MYS STERLEGOVA	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
47610	C	NAGANO	JAPAN	94681	C	NURIOOTPA VITICULTURAL	AUSTRALIA
47936	C	NAHA	JAPAN	04250	C	NUUK (GODTHAAB)	GREENLAND
63740	C	NAIROBI/KENYATTA AIRPORT	KENYA	91212	C	NWSO AGANA, GUAM, MARIANA IS	USA ND
41128	C	NAJRAN	SAUDI ARABIA	62790	C	NYALA	SUDAN
24713	C	NAKANNO	RUSSIAN FEDERATION	72427	C	OAK RIDGE, TN	USA
62002	C	NALUT	LIBYA	10948	C	OBERSTDORF	GERMANY
38611	C	NAMANGAN	UZBEKISTAN	33837	C	ODESA	UKRAINE
07181	C	NANCY-OCHEY	FRANCE	10742	C	OEHRINGEN	GERMANY
71311	C	NAPPAN AUTO, NS	CANADA	31088	C	OHOTSK	RUSSIAN FEDERATION
23205	C	NAR'JAN-MAR	RUSSIAN FEDERATION	47815	C	OITA	JAPAN
72327	C	NASHVILLE/METROPOLITAN, TN.	USA	24688	C	OJMJAKON	RUSSIAN FEDERATION
71813	C	NATASHQUAN A, QUE	CANADA	72353	C	OKLAHOMA CITY/W. ROGERS WORL	USA
91683	C	NAUSORI	FIJI	23734	C	OKTJABR'SKOE	RUSSIAN FEDERATION
08215	C	NAVACERRADA	SPAIN	71044	C	OLD CROW, YT	CANADA
41749	C	NAWABSHAH	PAKISTAN	24125	C	OLENEK	RUSSIAN FEDERATION
37936	C	NAXCIVAN	AZERBAIJAN	72792	C	OLYMPIA, WA.	USA
47909	C	NAZE	JAPAN	47655	C	OMAEZAKI	JAPAN
64700	C	NDJAMENA	CHAD	44215	C	OMNO-GOBI	MONGOLIA
80315	C	NEIVA/BENITO SALAS	COLOMBIA	25428	C	OMOLON	RUSSIAN FEDERATION
31152	C	NEL' KAN	RUSSIAN FEDERATION	28698	C	OMSK	RUSSIAN FEDERATION
47420	C	NEMURO	JAPAN	01212	C	ONA II	NORWAY
29752	C	NENASTNAYA	RUSSIAN FEDERATION	22641	C	ONEGA	RUSSIAN FEDERATION
30879	C	NERCHINSKIJ ZAVOD	RUSSIAN FEDERATION	94476	C	ODNADATTA AIRPORT	AUSTRALIA
10537	C	NEU ULRICHSTEIN	GERMANY	60490	C	ORAN-SENIA	ALGERIA
17193	C	NEVSEHIR	TURKEY	08048	C	ORENSE	SPAIN
42182	CT	NEW DELHI/SAFDARJUNG	INDIA	76737	C	ORIZABA, VER.	MEXICO
48877	C	NHA TRANG	VIET NAM	01241	C	ORLAND III	NORWAY
94827	C	NHILL AERODROME	AUSTRALIA	40712	C	ORUMIEH	IRAN, ISLAMIC REP
61052	C	NIAMEY-AERO	NIGER	47772	C	OSAKA	JAPAN

STATION LIST RECENT DATA

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	OUIDA	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	08053	C	PONFERRADA	SPAIN
78384	C	OWEN ROBERTS AIRPORT GRAND C	CAYMAN ISLANDS	11934	C	POPRAD/TATRY	SLOVAKIA
22619	C	PADANY	RUSSIAN FEDERATION	08524	C	PORTO SANTO	MADEIRA
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	11518	C	PRAHA/RUZYNE	CZECH REP
41560	C	PARACHINAR	PAKISTAN	31989	C	PREOBRAZHENIE	RUSSIAN FEDERATION
41759	C	PASNI	PAKISTAN	11423	C	PRIMDA	CZECH REP
82791	C	PATOS	BRAZIL	72507	C	PROVIDENCE/GREEN STATE, RI.	USA
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	84179	C	PUYO	ECUADOR
87544	C	PEHUAJO AERO	ARGENTINA	47058	C	PYONGYANG	DPR KOREA
96109	C	PEKAN BARU/SIMPANGTIGA	INDONESIA	41315	C	QAIROON HAIRITI	OMAN
67215	C	PEMBA	MOZAMBIQUE	56137	C	QAMDO	CHINA
48601	C	PENANG/BAYAN LEPAS	MALAYSIA	71357	C	QIKIQTARJUAQ CLIMATE, NU	CANADA
72532	C	PEORIA/GREATER PEORIA MUN.,	USA	54857	C	QINGDAO	CHINA
07747	C	PERPIGNAN	FRANCE	50745	C	QIQIHAR	CHINA
22820	C	PETROZAVODSK	RUSSIAN FEDERATION	58633	C	QU XIAN	CHINA
48887	C	PHAN THIET	VIET NAM	41660	C	QUETTA AIRPORT	PAKISTAN
72408	C	PHILADELPHIA/INT.,	USA	72797	C	QUILLAYUTE, WA.	USA
72278	C	PHOENIX/SKY HARBOR,	USA	48870	C	QUY NHON	VIET NAM
48565	C	PHUKET AIRPORT	THAILAND	60135	C	RABAT-SALE	MOROCCO
16052	C	PIAN ROSA	ITALY	40362	C	RAFHA	SAUDI ARABIA
84140	C	PICHILINGUE	ECUADOR	72306	C	RALEIGH/RALEIGH-DURHAM, NC.	USA
72656	C	PIERRE, SD, PIERRE RGNL ARPT	USA	41859	C	RANGPUR	BANGLADESH
86255	C	PILAR	PARAGUAY	93994	C	RAOUL ISLAND, KERMADEC IS. A	N ZEALAND
33019	C	PINSK	BELARUS	72662	C	RAPID CITY/REGIONAL AIRPORT,	USA

STATION LIST RECENT DATA

38851	C	RASHT	TAJIKISTAN	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
83738	C	RESENDE	BRAZIL	10035	C	SCHLESWIG	GERMANY
85140	C	REYES	BOLIVIA	98430	C	SCIENCE GARDEN	PHILIPPINES
10731	C	RHEINSTETTEN	GERMANY	72793	C	SEATTLE/S.-TACOMA,	USA
85043	C	RIBERALTA	BOLIVIA	10261	C	SEEHAUSEN	GERMANY
94340	C	RICHMOND POST OFFICE	AUSTRALIA	24661	C	SEGEN-KYUEL'	RUSSIAN FEDERATION
71307	C	RIDGETOWN RCS, ONT	CANADA	32509	C	SEMYACHIK	RUSSIAN FEDERATION
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
33301	C	RIVNE	UKRAINE	61976	C	SERGE-FROLOW (ILE TROMELIN)	OCEAN ISLANDS
17040	C	RIZE	TURKEY	60445	C	SETIF	ALGERIA
72411	C	ROANOKE/MUN., VA.	USA	23986	C	SEVERO-ENISEJSK	RUSSIAN FEDERATION
71490	C	ROBERTSON LAKE (AUT), NU	CANADA	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
44336	C	SAIKHAN-OVOO	MONGOLIA	11903	C	SLIAC	SLOVAKIA
08202	C	SALAMANCA/MATACAN	SPAIN	26951	C	SLUTSK	BELARUS
16723	C	SAMOS (AIRPORT)	GREECE	26781	C	SMOLENSK	RUSSIAN FEDERATION
08021	C	SANTANDER/PARAYAS	SPAIN	76845	C	SN. CRISTOBAL LAS CASAS, CHI	MEXICO

STATION LIST RECENT DATA

32477	C	SOBOLEVO	RUSSIAN FEDERATION	34720	C	TAGANROG	RUSSIAN FEDERATION
02836	C	SODANKYLA	FINLAND	91938	C	TAHITI-FAAA	FRENCH POLY.
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	26038	C	TALLINN	ESTONIA
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	07621	C	TARBES-OSSUN	FRANCE
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	51747	C	TAZHONG	CHINA
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	96797	C	TEGAL	INDONESIA
61901	C	ST. HELENA IS.	OCEAN ISLANDS	40754	C	TEHRAN-MEHRABAD	IRAN, ISLAMIC REP
04312	C	STATION NORD AWS	GREENLAND	17056	C	TEKIRDAG	TURKEY
71017	C	STEFANSSON ISLAND, NU	CANADA	35426	C	TEMIR	KAZAKHSTAN
02485	C	STOCKHOLM	SWEDEN	56739	C	TENGCHONG	CHINA
07190	C	STRASBOURG-ENTZHEIM	FRANCE	83492	C	TEOFILO OTONI	BRAZIL
10738	C	STUTTGART-ECHTERDINGEN	GERMANY	76556	C	TEPIC, NAY.	MEXICO
04013	C	STYKKISHOLMUR	ICELAND	16232	C	TERMOLI	ITALY
15023	C	SUCEAVA	ROMANIA	67261	C	TETE	MOZAMBIQUE
24136	C	SUHANA	RUSSIAN FEDERATION	94570	C	TEWANTIN RSL PARK	AUSTRALIA
15360	C	SULINA	ROMANIA	48946	C	THAKHEK	LAO PDR
33275	C	SUMY	UKRAINE	16622	C	THESSALONIKI (AIRPORT)	GREECE
24738	C	SUNTAR	RUSSIAN FEDERATION	43371	CT	THIRUVANANTHAPURAM	INDIA
22676	C	SURA	RUSSIAN FEDERATION	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	60607	C	TIMIMOUN	ALGERIA
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
12205	C	SZCZECIN	POLAND	76683	C	TLAXCALA, TLAX.	MEXICO
12982	C	SZEGED	HUNGARY	60531	C	TLEMCEN-ZENATA	ALGERIA
40706	C	TABRIZ	IRAN, ISLAMIC REP	67095	C	TOAMASINA	MADAGASCAR
98550	C	TACLOBAN	PHILIPPINES	28275	C	TOBOL'SK	RUSSIAN FEDERATION

STATION LIST RECENT DATA

17086	C	TOKAT	TURKEY	87938	C	USHUAIA AERO	ARGENTINA
08272	C	TOLEDO	SPAIN	32287	C	UST'-HAJRJUZOVO	RUSSIAN FEDERATION
24671	C	TOMPO	RUSSIAN FEDERATION	01403	C	UTSIRA FYR	NORWAY
50963	C	TONGHE	CHINA	33631	C	UZHHOROD	UKRAINE
71508	C	TORONTO CITY, ONT	CANADA	61995	C	VACOAS (MAURITIUS)	MAURITIUS
44225	C	TOSONTSENGEL	MONGOLIA	85766	C	VALDIVIA	CHILE
27051	C	TOT'MA	RUSSIAN FEDERATION	23966	C	VANZIL'-KYNAC	RUSSIAN FEDERATION
07240	C	TOURS	FRANCE	15552	C	VARNA	BULGARIA
94294	C	TOWNSVILLE AERO	AUSTRALIA	33038	C	VASILEVICH	BELARUS
16429	C	TRAPANI BIRGI	ITALY	26554	C	VERHNEDVINSK	BELARUS
16098	C	TREVISO/ISTRANA	ITALY	48112	C	VICTORIA POINT	MYANMAR
10609	C	TRIER-PETRISBERG	GERMANY	15502	C	VIDIN	BULGARIA
23711	C	TROICKO-PECHERSKOE	RUSSIAN FEDERATION	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	26666	C	VITEBSK	BELARUS
98233	C	TUGUEGARAO	PHILIPPINES	37228	C	VLADIKAVKAZ	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
23472	C	TURUHANSK	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
44292	C	ULAANBAATAR	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	72405	C	WASHINGTON/NAT., VA.	USA
44304	C	UNDERKHAAN	MONGOLIA	03590	C	WATTISHAM	U KINGDOM
89314	C	UNI. WI ID 21358 - THERESA	USA	10688	C	WEIDEN	GERMANY
68424	C	UPINGTON	SOUTH AFRICA	93439	C	WELLINGTON AERO AWS	N ZEALAND
71435	C	UPSALA (AUT), ONT	CANADA	56187	C	WENJIANG	CHINA
35108	C	URALSK	KAZAKHSTAN	10424	C	WERL	GERMANY
38396	C	URGENCH	UZBEKISTAN	72203	C	WEST PALM BEACH/ INT. FL.	USA
17188	C	USAK	TURKEY	92004	C	WEWAK W.O.	PAPUA N GUINEA

STATION LIST RECENT DATA

71964	C	WHITEHORSE A, YT	CANADA	98836	C	ZAMBOANGA	PHILIPPINES
72351	C	WICHITA FALLS/SHEPS AFB/WICH	USA	81225	C	ZANDERIJ	SURINAME
61902	C	WIDE AWAKE FIELD (ASCENSION	OCEAN ISLANDS	08160	C	ZARAGOZA/AEROPUERTO	SPAIN
11035	C	WIEN/HOHE WART	AUSTRIA	36859	C	ZHARKENT	KAZAKHSTAN
72513	C	WILKES-BARRE-SCRANTON, PA.	USA	57083	C	ZHENGZHOU	CHINA
72583	C	WINNEMUCCA/MUN., NV.	USA	24343	C	ZHIGANSK	RUSSIAN FEDERATION
10474	C	WITTENBERG	GERMANY	41620	C	ZHOB	PAKISTAN
12497	C	WLODAWA	POLAND	61695	C	ZIGUINCHOR	SENEGAL
47055	C	WONSAN	DPR KOREA	61090	C	ZINDER	NIGER
94659	C	WOOMERA AERODROME	AUSTRALIA	36038	C	ZMEINOGORSK	RUSSIAN FEDERATION
72510	C	WORCESTER, MA WORCESTER RGNL	USA	17022	C	ZONGULDAK	TURKEY
12424	C	WROCLAW II	POLAND	62007	C	ZUARA	LIBYA
51463	CT	WU LU MU QI	CHINA	06660	C	ZUERICH-METEOSCHWEIZ	SWITZERLAND & LIECH
10655	C	WUERZBURG	GERMANY	10961	C	ZUGSPITZE	GERMANY
57494	C	WUHAN	CHINA	25400	C	ZYRYANKA	RUSSIAN FEDERATION
10686	C	WUNSIEDEL-SCHOENBRUNN	GERMANY				
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				
70361	C	YAKUTAT, AK	USA				
94589	C	YAMBA PILOT STATION	AUSTRALIA				
53845	C	YAN AN	CHINA				
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				
72525	C	YOUNGSTOWN, OH.	USA				
17140	C	YOZGAT	TURKEY				
52983	C	YU ZHONG	CHINA				
56029	C	YUSHU	CHINA				
76525	C	ZACATECAS, ZAC. (LA BUFA, ZA	MEXICO				
14236	C	ZAGREB/GRIC	CROATIA				
40856	C	ZAHEDAN	IRAN, ISLAMIC REP				
16719	C	ZAKINTHOS AIRPORT	GREECE				

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