



VOL. 71 NO. 3



ISSN 0027-0296

**MARCH 2018**

**MONTHLY**

**CLIMATIC**

**DATA**

**FOR THE WORLD**

**PREPARED IN COOPERATION WITH THE  
WORLD METEOROLOGICAL ORGANIZATION**

**"I certify that this is an official publication of the National Oceanic and Atmospheric Administration and is compiled from information received at the National Centers for Environmental Information, Asheville, North Carolina 28801**

**Director  
National Centers for Environmental Information**

**noaa**

**National  
Oceanic and  
Atmospheric Administration**

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

**National Centers  
for Environmental Information  
Asheville, North Carolina**

# PREFACE

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

## REFERENCE NOTES

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

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

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

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

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

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

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

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

## SURFACE DATA TABLES

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

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

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

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

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

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

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

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

## UPPER AIR DATA TABLES

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

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

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

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

The contents of this publication may be reprinted or otherwise used freely, with proper credit to the National Centers for Environmental Information, Asheville, North Carolina, USA.

## PUBLICATION STAFF

**Sherri Nave, 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

# MARCH 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. |
| <b>EUROPE</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>NORWAY</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 01001 JAN MAYEN            | 7056N    | 00840W    | 10        |           | 1016.1       | 1017.3         | -2.3        | 3.8    | 3.9            | .3     | 6             | 16    | -39    | 1        |          |          |
| 01008 SVALBARD LUFTHAVN    | 7815N    | 01528E    | 29        |           | 1015.9       | 1019.7         | -12.7       | 3.1    | 1.6            | -3     | 3             | 6     | -14    | 2        |          |          |
| 01025 TROMSO/LANGNES       | 6941N    | 01855E    | 10        |           | 1009.5       | 1010.7         | -5.0        | -2.7   | 3.3            | -7     | 10            | 83    | 14     | 4        |          |          |
| 01026 TROMSO               | 6939N    | 01856E    | 115       |           | 996.2        | 1010.8         | -5.0        |        | 3.3            |        | 14            | 90    |        | 4        | 149      |          |
| 01028 BJORNOYA             | 7431N    | 01901E    | 16        |           | 1013.1       | 1015.2         | -6.8        | .8     | 2.8            | -7     | 7             | 28    | 0      | 4        |          |          |
| 01098 VARDØ                | 7022N    | 03106E    | 15        |           | 1006.5       | 1008.3         | -4.5        | -9     | 3.3            | -9     | 28            | 125   | 91     | 6        |          |          |
| 01152 BODO VI              | 6716N    | 01422E    | 13        |           | 1009.5       | 1011.1         | -2.6        | -2.0   | 3.7            | -7     | 10            | 59    | -9     | 3        |          |          |
| 01212 ONA II               | 6252N    | 00632E    | 15        |           | 1008.2       | 1010.0         | 1.7         |        | 4.5            |        | 0             | 0     |        | 0        |          |          |
| 01238 FOKSTUA II           | 6207N    | 00917E    | 974       |           | 894.4        | 1009.1         | -8.6        |        | 2.7            |        | 5             | 12    |        | 2        |          |          |
| 01241 ORLAND III           | 6342N    | 00936E    | 7         |           | 1009.7       | 1010.8         | -1.1        | -2.5   | 4.1            | -1.2   | 8             | 44    | -24    | 2        |          |          |
| 01317 BERGEN/FLORENDA      | 6023N    | 00520E    | 36        |           | 1005.8       | 1010.3         | .8          | -2.5   | 4.4            | -1.3   | 14            | 73    | -97    | 2        |          |          |
| 01384 OSLO/GARDERMOEN      | 6012N    | 01105E    | 204       |           |              |                | -4.9        | -2.6   |                |        | 4             | 18    | -35    | 1        |          |          |
| 01403 UTSIRA FYR           | 5918N    | 00453E    | 56        |           | 1002.7       | 1009.8         | .9          |        | 4.7            |        | 8             | 38    |        | 2        |          |          |
| 01415 STAVANGER/SOLA       | 5853N    | 00538E    | 9         |           | 1008.8       | 1009.9         | 1.0         | -1.7   | 4.5            | -1.4   | 8             | 35    | -40    | 2        |          |          |
| 01465 TORUNGEN FYR         | 5824N    | 00848E    | 15        |           | 1009.7       | 1011.2         | -.7         |        | 4.7            |        | 6             | 27    |        | 2        |          |          |
| 01492 OSLO-BLINDERN        | 5957N    | 01043E    | 96        |           | 1000.2       | 1012.5         | -2.3        | -2.1   | 3.5            | -9     | 3             | 14    | -33    | 1        | 167      | 133      |
| <b>SWEDEN</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 02119 KVIKKJOKK ARRENJARKA | 6653N    | 01801E    | 317       |           | 972.4        | 1012.3         | -11.2       |        |                |        | 9             | 21    |        | 2        |          |          |
| 02126 GUNNARN              | 6500N    | 01742E    | 277       |           | 975.9        | 1012.1         | -9.8        |        | 2.4            |        | 11            | 41    |        | 4        |          |          |
| 02197 HAPARANDA            | 6549N    | 02406E    | 15        |           | 1009.3       | 1011.2         | -7.6        |        | 2.8            |        | 8             | 31    |        | 3        |          |          |
| 02226 OSTERSUND FROSON     | 6312N    | 01430E    | 376       |           | 965.3        | 1012.1         | -7.1        | -3.5   | 2.9            | -1.0   |               |       |        |          | 165      |          |
| 02287 HOLMON               | 6349N    | 02052E    | 8         |           | 1010.4       | 1011.4         | -6.4        |        | 3.3            |        | 9             | 34    |        | 3        |          |          |
| 02366 TIMRA/MIDLANDA       | 6231N    | 01727E    | 8         |           | 1011.8       | 1012.4         | -6.1        | -3.0   | 3.0            | -1.2   |               |       |        |          |          |          |
| 02407 MALUNG A             | 6040N    | 01342E    | 305       |           | 974.7        | 1012.6         | -6.6        |        | 2.9            |        | 6             | 30    |        | 2        |          |          |
| 02418 KARLSTAD FLYGPLATS   | 5927N    | 01320E    | 107       |           | 998.7        | 1012.1         | -3.0        | -1.9   | 3.7            | -1.1   |               |       |        |          | 162      | 122      |
| 02485 STOCKHOLM            | 5921N    | 01804E    | 52        |           | 1005.8       | 1013.1         | -1.6        | -1.7   |                |        | 3             | 14    | -12    | 1        | 166      | 123      |
| 02550 JONKOPING/AXAMO      | 5745N    | 01405E    | 224       |           | 982.8        | 1010.9         | -2.9        | -2.0   | 4.2            | -8     |               |       |        |          |          |          |
| 02589 GOTSKA SANDON        | 5824N    | 01912E    | 17        |           | 1008.7       | 1010.8         | -.2         |        | 4.8            |        | 6             | 22    |        | 3        |          |          |
| 02590 VISBY                | 5740N    | 01821E    | 51        |           | 1004.5       | 1010.8         | -1.1        | -1.2   | 4.6            | -8     | 7             | 24    | -8     | 3        | 128      | 97       |
| <b>FINLAND</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 02801 KILPISJARVI          | 6903N    | 02047E    | 478       |           | 950.9        | 1013.2         | -13.0       |        | 2.1            |        | 7             | 27    |        | 3        |          |          |
| 02805 KEVO                 | 6945N    | 02702E    | 107       |           | 997.1        | 1011.4         | -13.0       |        | 2.2            |        | 5             | 19    |        | 3        | 137      |          |
| 02836 SODANKYLA            | 6722N    | 02639E    | 179       |           | 988.0        | 1011.4         | -10.4       | -1.9   | 2.3            |        | 5             | 16    | -9     | 1        | 168      |          |
| 02935 JYVASKYLA            | 6224N    | 02541E    | 145       |           | 993.3        | 1011.4         | -7.3        | -2.6   | 3.1            |        | 7             | 32    | -3     | 2        | 137      |          |
| 02942 NIINISALO            | 6151N    | 02228E    | 136       |           | 995.9        | 1011.5         | -6.4        | -2.7   | 3.4            |        | 6             | 25    | -8     | 2        |          |          |
| 02963 JOKIOINEN            | 6049N    | 02330E    | 104       |           | 998.1        | 1011.5         | -5.8        | -2.3   | 3.3            |        | 5             | 16    | -9     | 1        | 168      | 126      |

# SURFACE

# MARCH 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. |
| <b>UNITED KINGDOM</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>03005 LERWICK</b>                | 6008N    | 00111W    | 84        |           | 997.3        | 1007.5         | 2.8         | -1.0   | 6.1            |        | 17            | 93    | -21    | 1        | 90       | 106      |
| <b>03026 STORNOWAY AIRPORT</b>      | 5813N    | 00619W    | 15        |           | 1001.8       | 1003.7         | 4.6         | -.5    | 6.8            |        | 13            | 72    | -32    | 1        | 125      | 119      |
| 03066 KINLOSS                       | 5739N    | 00334W    | 7         |           | 1004.1       | 1004.8         | 3.6         | -1.5   | 6.4            |        | 11            | 43    | -3     | 2        | 107      | 103      |
| 03091 DYCE                          | 5712N    | 00213W    | 69        |           | 997.0        | 1005.1         | 3.6         | -.9    | 6.5            |        | 13            | 118   | 60     | 5        | 83       | 74       |
| 03100 TIREE                         | 5630N    | 00653W    | 12        |           | 1000.7       | 1002.3         | 4.7         | -1.1   | 7.0            |        | 14            | 67    | -29    | 1        | 143      | 132      |
| <b>03162 ESKDALEMUIR</b>            | 5519N    | 00312W    | 242       |           | 974.9        | 1003.9         | 2.3         | -1.2   | 6.1            |        | 14            | 107   | -30    | 1        | 66       | 78       |
| 03171 LEUCHARS                      | 5624N    | 00252W    | 12        |           | 1003.0       | 1004.2         | 3.8         |        | 6.7            |        | 11            | 97    |        | 5        | 89       | 75       |
| 03257 LEEMING                       | 5418N    | 00132W    | 40        |           | 999.2        | 1003.3         | 4.3         | -1.0   | 6.7            |        | 15            | 72    | 26     | 5        | 71       | 68       |
| <b>03302 VALLEY</b>                 | 5315N    | 00432W    | 11        |           | 999.8        | 1001.2         | 5.4         | -1.0   | 7.6            |        | 13            | 88    | 23     | 4        | 108      | 89       |
| <b>03377 WADDINGTON</b>             | 5310N    | 00031W    | 70        |           | 994.1        | 1002.6         | 4.9         | -.5    | 7.2            |        | 14            | 74    | 25     | 5        | 78       | 72       |
| 03414 SHAWBURY                      | 5248N    | 00240W    | 76        |           | 993.0        | 1001.9         | 4.5         |        | 7.1            |        | 14            | 88    |        | 5        | 60       | 60       |
| 03502 ABERPORTH                     | 5208N    | 00434W    | 134       |           | 984.5        | 1000.7         | 5.0         | -.9    | 7.4            |        | 13            | 91    | 30     | 5        | 101      | 89       |
| 03590 WATTISHAM                     | 5207N    | 00058E    | 89        |           | 991.5        | 1002.5         | 5.0         |        | 7.2            |        | 14            | 82    |        | 5        | 66       | 60       |
| 03740 LYNEHAM                       | 5130N    | 00159W    | 147       |           | 983.7        | 1001.5         | 4.8         | -.6    | 7.5            |        | 15            | 91    | 32     | 5        | 67       | 59       |
| 03772 HEATHROW                      | 5129N    | 00027W    | 25        |           | 998.9        | 1002.0         | 6.4         |        | 7.7            |        | 18            | 85    |        | 5        | 70       | 65       |
| <b>03808 CAMBORNE</b>               | 5013N    | 00519W    | 88        |           | 989.6        | 1000.2         | 6.2         |        | 8.2            |        | 21            | 148   |        | 5        | 114      | 105      |
| 03862 HURN                          | 5047N    | 00150W    | 11        |           | 1000.0       | 1001.2         | 5.8         | -.2    | 8.0            |        | 18            | 124   | 58     | 5        | 74       | 61       |
| <b>IRELAND</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>03953 VALENTIA OBSERVATORY</b>   | 5156N    | 01015W    | 30        |           | 996.7        | 999.7          | 5.6         | -2.2   | 7.4            | -1.3   | 19            | 131   | 9      | 4        |          |          |
| 03955 CORK AIRPORT                  | 5151N    | 00829W    | 162       |           | 980.3        | 1000.1         | 4.4         | -1.8   | 7.6            | -.5    | 15            | 143   | 46     | 5        | 92       | 85       |
| 03956 JOHNSTOWN CASTLE              | 5217N    | 00629W    | 63        |           | 992.8        | 1000.4         | 4.9         |        | 7.5            |        | 17            | 170   |        |          |          |          |
| 03962 SHANNON AIRPORT               | 5242N    | 00855W    | 20        |           | 997.9        | 1000.3         | 5.2         | -1.8   | 7.3            | -1.0   | 12            | 54    | -17    | 2        | 108      | 105      |
| 03967 CASEMENT AERODROME            | 5318N    | 00626W    | 97        |           | 989.6        | 1001.0         | 4.5         |        | 7.1            |        | 17            | 69    |        |          | 82       | 80       |
| 03969 DUBLIN AIRPORT                | 5326N    | 00615W    | 85        |           | 990.9        | 1001.3         | 4.3         | -1.9   | 7.2            | -.4    | 19            | 100   | 47     | 5        | 82       | 75       |
| 03973 CONNAUGHT AIRPORT             | 5354N    | 00849W    | 209       |           | 975.4        | 1001.0         | 3.9         |        | 6.9            |        | 16            | 64    |        |          | 82       | 90       |
| 03976 BELMULLET                     | 5414N    | 01000W    | 10        |           | 999.3        | 1000.5         | 5.5         | -1.5   | 7.4            | -.8    | 16            | 87    | -9     | 3        |          |          |
| <b>03980 MALIN HEAD</b>             | 5522N    | 00720W    | 25        |           | 999.1        | 1001.6         | 5.0         | -1.3   | 7.0            | -.8    | 15            | 67    | -19    | 2        |          |          |
| <b>ICELAND</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 04013 STYKKISHOLMUR                 | 6505N    | 02244W    | 8         |           | 1008.8       | 1010.5         | 1.2         | 2.0    | 5.2            | .4     | 5             | 25    | -46    | 1        |          |          |
| 04030 REYKJAVIK                     | 6408N    | 02156W    | 61        |           | 1002.6       | 1009.2         | 2.3         | 1.8    | 4.9            | -.2    | 9             | 25    | -56    | 1        | 152      |          |
| 04063 AKUREYRI                      | 6541N    | 01805W    | 27        |           |              | 1012.4         | .6          | 1.9    | 5.0            | .2     | 10            | 49    | 6      | 4        | 88       |          |
| 04082 AKURNES                       | 6418N    | 01513W    | 21        |           |              | 1010.6         | 2.0         |        | 5.5            |        | 14            | 135   |        | 3        |          |          |
| <b>GREENLAND</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 04211 MITTARFIK UPERNAVIK (UPERNAV) | 7247N    | 05608W    | 129       |           |              | 1022.4         |             |        |                |        |               |       |        |          |          |          |
| 04220 AASIAAT (EGEDSMINDE)          | 6842N    | 05251W    | 43        |           |              | 1020.9         | -13.9       | 2.4    | 1.8            |        | 4             | 13    | -5     |          |          |          |
| <b>04250 NUK (GODTHAAB)</b>         | 6410N    | 05145W    | 84        |           |              | 1016.9         | -6.4        | 1.6    | 2.8            |        | 3             | 8     | -42    |          |          |          |
| 04312 STATION NORD AWS              | 8136N    | 01641W    | 36        |           |              | 1025.6         | -26.5       | 3.6    | .5             |        | 7             | 29    |        |          |          |          |
| <b>04320 DANMARKSHAVN</b>           | 7646N    | 01840W    | 12        |           |              | 1024.8         | -23.5       | -.1    | .6             |        | 5             | 22    | 6      |          |          |          |

# SURFACE

# MARCH 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. |
| 04339 ITTOQQORTOORMIIT (SCORESBYSU)    | 7029N    | 02157W    | 69        |           |              | 1021.6         | -11.4       |        | 1.8            |        | 9             | 79    | 53     |          |          |          |
| 04360 TASILAQ (AMMASSALIK)             | 6536N    | 03738W    | 52        |           |              | 1014.1         | -4.9        | 3.3    | 3.2            |        | 7             | 23    | -75    |          |          |          |
| 04390 PRINS CHRISTIAN SUND             | 6003N    | 04310W    | 88        |           |              | 1012.1         | -2.8        | .9     | 3.3            |        |               |       |        |          |          |          |
| <b>DENMARK AND FAROE ISLANDS</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 06011 TORSHAVN                         | 6201N    | 00646W    | 61        |           |              | 1008.0         | 3.8         | .0     | 6.3            |        | 17            | 85    | -52    |          |          |          |
| 06030 AALBORG                          | 5706N    | 00951E    | 13        |           |              | 1009.9         | -.3         | -2.2   | 4.9            |        | 5             | 21    |        |          |          |          |
| 06186 KOEBENHAVN/LANDBOHOEJSKOLEN      | 5541N    | 01233E    | 7         |           |              | 1009.4         | .7          |        | 5.2            |        | 11            | 64    |        |          |          |          |
| 06190 ROENNE                           | 5504N    | 01445E    | 17        |           |              | 1009.3         | .4          | -1.5   | 5.2            |        | 14            | 54    |        |          |          |          |
| <b>NETHERLANDS</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 06235 DE KOOY                          | 5256N    | 00447E    | 2         |           | 1004.1       | 1004.2         | 3.8         | -.8    | 6.9            | -.4    | 11            | 40    | -11    | 3        | 163      | 137      |
| 06260 DE BILT                          | 5206N    | 00511E    | 4         |           | 1003.9       | 1004.2         | 4.7         | -.3    | 6.9            | -.3    | 14            | 60    | -5     | 3        | 132      | 125      |
| 06280 EELDE/GRONINGEN AP EELDE         | 5307N    | 00635E    | 4         |           | 1004.7       | 1005.2         | 3.6         | -.5    | 6.5            | -.6    | 7             | 47    | -10    | 2        | 146      | 145      |
| 06310 VLISSINGEN                       | 5127N    | 00336E    | 10        |           | 1002.3       | 1003.3         | 4.5         | -.8    | 7.2            | -.4    | 14            | 87    | 31     | 5        | 110      | 100      |
| 06380 BEEK/MAASTRICHT AP/MAASTRICHT    | 5055N    | 00547E    | 116       |           |              | 1004.1         | 5.1         | -.1    | 7.0            | -.3    | 13            | 61    | -1     | 3        | 108      | 111      |
| <b>BELGIUM</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 06447 UCCLE                            | 5048N    | 00421E    | 104       |           | 990.9        | 1003.1         | 5.4         | -.3    | 7.0            | -.5    | 16            | 71    | -2     | 3        | 83       | 78       |
| <b>LUXEMBOURG</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 06590 LUXEMBOURG/LUXEMBOURG            | 4937N    | 00613E    | 376       |           | 959.8        | 1005.0         | 3.7         |        | 6.7            |        | 14            | 47    | -23    | 2        | 78       | 67       |
| <b>SWITZERLAND &amp; LIECHTENSTEIN</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 06601 BASEL-BINNINGEN                  | 4733N    | 00735E    | 317       |           | 967.5        | 1005.7         | 5.2         |        | 6.7            |        | 10            | 48    |        |          | 75       | 65       |
| 06610 PAYERNE                          | 4649N    | 00657E    | 491       |           | 947.5        | 1006.1         | 3.9         |        | 6.5            |        | 15            | 76    |        |          | 80       | 55       |
| 06660 ZUERICH-METEOSCHWEIZ             | 4723N    | 00834E    | 569       |           | 939.8        | 1006.0         | 3.8         | -.3    | 6.2            | .1     | 14            | 66    | -4     | 3        | 92       | 78       |
| 06680 SAENTIS                          | 4715N    | 00921E    | 2502      |           | 737.1        |                | -6.7        | .4     | 3.1            | .4     | 18            | 228   | 19     | 4        | 78       | 53       |
| 06700 GENEVE-COINTRIN                  | 4615N    | 00608E    | 420       |           | 956.8        | 1006.0         | 5.3         | .3     | 7.0            | .7     | 18            | 105   | 31     | 4        | 93       | 72       |
| 06717 GRAND ST. BERNARD                | 4552N    | 00710E    | 2479      |           | 738.6        |                | -7.3        |        | 3.1            |        | 20            | 181   |        |          | 102      | 70       |
| 06720 SION                             | 4613N    | 00720E    | 482       |           | 948.5        | 1005.7         | 6.0         |        | 5.9            |        | 9             | 31    |        |          | 132      | 75       |
| 06770 LUGANO                           | 4600N    | 00858E    | 276       |           | 969.9        | 1006.0         | 7.1         | .1     | 7.3            | .7     | 15            | 141   | 31     | 4        | 167      | 102      |
| <b>FRANCE</b>                          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 07005 ABBEVILLE                        | 5008N    | 00150E    | 77        |           | 994.0        | 1002.7         | 5.8         |        | 7.6            |        | 11            | 70    |        |          | 76       |          |
| 07015 LILLE                            | 5034N    | 00306E    | 52        |           | 997.5        | 1003.2         | 5.6         |        | 7.4            |        | 14            | 67    |        |          | 79       |          |
| 07020 LA HAGUE                         | 4943N    | 00156W    | 12        |           | 1000.2       | 1001.2         | 7.5         |        | 7.6            |        | 20            | 108   |        | 5        |          |          |
| 07027 CAEN                             | 4911N    | 00027W    | 67        |           | 994.1        | 1002.2         | 6.5         | -.1    | 8.3            |        | 17            | 61    | 5      | 2        | 76       | 55       |
| 07037 ROUEN                            | 4923N    | 00111E    | 156       |           | 984.5        | 1002.9         | 5.6         |        | 8.3            |        | 20            | 110   |        |          | 58       |          |
| 07072 REIMS-PRUNAY                     | 4912N    | 00409E    | 95        |           | 992.4        | 1004.0         | 5.6         |        | 7.6            |        | 11            | 50    |        |          | 90       |          |
| 07110 BREST                            | 4827N    | 00425W    | 99        |           | 989.2        | 1001.0         | 6.9         | -.5    | 8.7            |        | 25            | 136   | 32     | 2        | 75       | 60       |
| 07117 PLOUMANAC'H PERROS GUIREC        | 4850N    | 00328W    | 58        |           | 993.8        | 1000.8         | 7.6         |        | 8.6            |        | 22            | 93    |        |          |          |          |

# SURFACE

# MARCH 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. |
| <b>07130 RENNES</b>                | 4804N    | 00144W    | 43        |           | 997.6        | 1002.1         | 7.3         |        | 8.7            |        | 19            | 89    |        | 6        | 89       |          |
| 07139 ALENCON                      | 4826N    | 00006E    | 144       |           | 985.4        | 1002.9         | 6.3         |        | 8.2            |        | 24            | 84    |        |          | 66       |          |
| 07149 PARIS-ORLY                   | 4843N    | 00223E    | 90        |           | 992.6        | 1003.5         | 6.8         |        | 7.8            |        | 15            | 79    |        | 5        | 85       |          |
| 07168 TROYES                       | 4820N    | 00401E    | 118       |           | 989.8        | 1004.1         | 6.5         |        | 7.7            |        | 15            | 94    |        |          | 109      |          |
| 07181 NANCY-OCHEY                  | 4835N    | 00558E    | 351       |           | 963.7        | 1004.9         | 4.6         |        | 7.0            |        | 16            | 76    |        |          |          |          |
| <b>07190 STRASBOURG-ENTZHEIM</b>   | 4833N    | 00738E    | 153       |           | 987.1        | 1005.5         | 5.2         | -4     | 7.0            |        | 12            | 35    | -1     | 2        | 99       | 81       |
| 07207 POINTE DU TALUT              | 4718N    | 00310W    | 43        |           | 996.9        | 1002.1         | 8.6         |        | 9.4            |        | 20            | 78    |        |          |          |          |
| 07222 NANTES                       | 4709N    | 00136W    | 27        |           | 999.5        | 1002.6         | 7.9         | .0     | 9.0            |        | 16            | 104   | 35     | 5        | 110      | 74       |
| 07240 TOURS                        | 4727N    | 00044E    | 112       |           | 990.0        | 1003.5         | 7.6         |        | 8.2            |        | 16            | 86    |        | 5        | 105      |          |
| 07255 BOURGES                      | 4704N    | 00222E    | 166       |           | 984.3        | 1004.3         | 7.5         | .8     | 7.8            |        | 18            | 99    | 39     | 2        | 126      | 92       |
| 07280 DIJON                        | 4716N    | 00505E    | 227       |           | 977.7        | 1005.1         | 5.7         | -5     | 7.8            |        | 21            | 140   | 88     | 6        | 90       | 64       |
| 07299 BALE-MULHOUSE                | 4736N    | 00731E    | 271       |           | 972.8        | 1005.7         | 5.0         |        | 6.7            |        | 11            | 45    |        |          | 97       |          |
| 07314 CHASSIRON                    | 4603N    | 00125W    | 22        |           | 1001.0       | 1003.8         | 9.2         |        | 9.7            |        | 20            | 119   |        | 5        |          |          |
| 07335 POITIERS                     | 4635N    | 00018E    | 120       |           | 989.4        | 1003.9         | 7.7         |        | 8.5            |        | 18            | 88    |        | 5        | 124      |          |
| 07434 LIMOGES                      | 4552N    | 00111E    | 402       |           | 956.8        | 1004.7         | 6.5         |        | 7.7            |        | 22            | 146   |        |          | 98       |          |
| 07460 CLERMONT-FERRAND             | 4547N    | 00310E    | 330       |           | 965.8        | 1004.5         | 7.9         |        | 7.3            |        | 12            | 43    |        |          | 139      |          |
| 07471 LE PUY                       | 4505N    | 00346E    | 833       |           | 908.5        |                | 4.3         |        | 6.3            |        | 11            | 59    |        |          | 142      |          |
| 07481 LYON-SATOLAS                 | 4544N    | 00505E    | 248       |           | 976.4        | 1005.2         | 7.8         |        | 7.4            |        | 16            | 96    |        |          |          |          |
| 07510 BORDEAUX MERIGNAC            | 4450N    | 00041W    | 61        |           | 999.1        | 1004.9         | 9.4         |        | 9.2            |        | 20            | 113   | 37     | 5        | 139      |          |
| 07535 GOURDON                      | 4445N    | 00124E    | 261       |           | 974.3        | 1005.5         | 8.0         |        | 8.2            |        | 21            | 88    |        |          | 116      |          |
| 07560 MONT AIGOUAL                 | 4407N    | 00335E    | 1567      |           | 829.5        |                | -1.0        |        | 5.4            |        | 21            | 324   |        | 5        |          |          |
| 07577 MONTELMAR                    | 4435N    | 00444E    | 74        |           | 996.1        | 1005.0         | 9.0         |        | 7.9            |        | 13            | 133   |        | 5        | 128      |          |
| 07591 EMBRUN                       | 4434N    | 00630E    | 876       |           | 903.9        |                | 4.4         |        | 5.3            |        | 13            | 115   |        | 5        | 162      |          |
| 07607 MONT-DE-MARSAN               | 4355N    | 00030W    | 60        |           | 998.8        | 1005.9         | 9.2         |        | 8.9            |        | 22            | 112   |        | 5        | 134      |          |
| 07621 TARBES-OSSUN                 | 4311N    | 00000W    | 364       |           | 963.0        | 1006.2         | 7.7         |        | 7.8            |        | 14            | 101   |        |          | 134      |          |
| 07627 SAINT GIRONS                 | 4300N    | 00106E    | 412       |           | 957.3        | 1006.4         | 7.5         |        | 7.4            |        | 15            | 99    |        |          | 118      |          |
| <b>07630 TOULOUSE BLAGNAC</b>      | 4338N    | 00122E    | 154       |           | 988.0        | 1006.0         | 9.2         |        | 8.4            |        | 11            | 60    | 3      | 2        | 143      |          |
| 07643 MONTPELLIER                  | 4335N    | 00358E    | 8         |           | 1004.0       | 1005.0         | 10.8        |        | 8.6            |        | 8             | 102   |        | 5        | 183      |          |
| 07650 MARIGNANE                    | 4327N    | 00514E    | 32        |           | 1000.7       | 1004.5         | 11.0        |        | 8.7            |        | 11            | 47    | 4      | 2        | 199      |          |
| 07661 CAP CEPET                    | 4305N    | 00556E    | 136       |           | 989.3        | 1005.3         | 10.6        |        | 9.5            |        | 11            | 124   |        |          |          |          |
| 07690 NICE                         | 4339N    | 00712E    | 27        |           | 1000.9       | 1004.0         | 10.6        |        | 9.1            |        | 13            | 170   | 100    | 5        | 192      |          |
| 07747 PERPIGNAN                    | 4244N    | 00252E    | 47        |           | 999.8        | 1005.2         | 10.7        |        | 8.8            |        | 9             | 59    | 16     | 2        | 160      |          |
| 07761 AJACCIO                      | 4155N    | 00848E    | 9         |           | 1004.4       | 1005.5         | 11.3        |        | 10.2           |        | 14            | 160   | 102    | 5        | 169      |          |
| 07790 BASTIA                       | 4233N    | 00929E    | 12        |           | 1003.4       | 1004.8         | 10.6        |        | 9.6            |        | 13            | 107   |        |          |          |          |
| <b>SPAIN</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08001 LA CORUNA                    | 4322N    | 00825W    | 67        |           | 998.6        | 1006.6         | 10.5        | -8     | 9.5            | -6     | 24            | 194   | 108    | 6        | 125      | 84       |
| 08002 LA CORUNA/ALVEDRO            | 4318N    | 00823W    | 103       |           | 994.0        | 1006.4         | 9.5         |        | 9.3            |        | 24            | 228   |        | 6        |          |          |
| 08008 LUGO/ROZAS                   | 4307N    | 00727W    | 446       |           | 954.6        | 1007.4         | 7.0         |        | 8.3            |        | 27            | 305   |        | 6        | 97       | 70       |
| 08011 ASTURIAS/AVILES              | 4333N    | 00602W    | 130       |           | 990.1        | 1005.6         | 10.2        |        | 8.7            |        | 19            | 130   |        | 4        | 113      | 85       |
| 08014 GIJON-MUSEL                  | 4334N    | 00542W    | 6         |           | 1004.2       | 1004.9         | 11.4        |        | 9.0            |        | 15            | 128   |        | 5        | 115      | 90       |
| 08015 OVIEDO                       | 4321N    | 00552W    | 339       |           | 965.5        | 1005.6         | 9.4         | -2     | 8.4            | -4     | 18            | 165   | 79     | 6        | 139      | 100      |
| 08021 SANTANDER/PARAYAS            | 4326N    | 00349W    | 5         |           | 1005.5       | 1005.6         | 11.6        |        | 9.0            |        | 16            | 188   |        | 5        | 145      | 110      |
| 08023 SANTANDER                    | 4329N    | 00348W    | 59        |           | 998.6        | 1005.7         | 11.3        | .5     | 9.9            | .5     | 15            | 135   | 32     | 5        | 155      | 119      |
| 08025 BILBAO/SONDICA               | 4318N    | 00254W    | 42        |           | 1001.4       | 1006.1         | 11.3        |        | 8.4            |        | 16            | 112   |        | 3        | 104      | 90       |
| <b>08027 SAN SEBASTIAN/IGUELDO</b> | 4318N    | 00202W    | 259       |           | 975.2        | 1006.0         | 9.9         | .5     | 8.4            | -4     | 16            | 122   | -6     | 3        | 132      | 106      |

# SURFACE

# MARCH 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. |
| 08029 SAN SEBASTIAN/FUENTERRABIA | 4321N    | 00148W    | 8         |           | 1005.2       | 1005.7         | 11.6        |        | 8.7            |        | 21            | 198   |        | 4        | 129      | 100      |
| 08042 SANTIAGO/LABACOLLA         | 4254N    | 00826W    | 370       |           | 963.7        | 1007.3         | 7.3         |        | 8.9            |        | 24            | 268   |        | 4        | 100      | 70       |
| 08044 PONTEVEDRA                 | 4226N    | 00837W    | 108       |           |              |                | 9.6         |        | 10.0           |        | 24            | 347   |        | 6        | 122      | 65       |
| 08045 VIGO/PEINADOR              | 4214N    | 00838W    | 256       |           | 977.5        | 1008.4         | 8.7         | -1.6   | 9.7            | -1     | 25            | 325   | 142    | 5        |          |          |
| 08048 ORENSE                     | 4220N    | 00752W    | 147       |           | 989.4        | 1007.0         | 9.7         |        | 9.7            |        | 22            | 241   |        | 5        | 91       | 60       |
| 08053 PONFERRADA                 | 4234N    | 00636W    | 550       |           | 943.3        | 1007.9         | 7.3         |        | 7.6            |        | 22            | 144   |        | 5        | 124      | 80       |
| 08055 LEON/VIRGEN DEL CAMINO     | 4235N    | 00539W    | 916       |           | 901.4        | 1007.1         | 4.5         |        | 6.7            |        | 15            | 85    |        | 5        | 181      | 90       |
| 08075 BURGOS/VILLAFRIA           | 4221N    | 00338W    | 890       |           | 904.3        | 1007.0         | 5.6         | -2     | 7.1            | .1     | 19            | 124   | 80     | 5        | 110      | 70       |
| 08080 VITORIA                    | 4253N    | 00243W    | 513       |           | 947.0        | 1007.2         | 8.0         |        | 7.9            |        | 20            | 82    |        | 4        | 147      | 115      |
| 08084 LOGRONO/AGONCILLO          | 4227N    | 00220W    | 363       |           | 964.0        | 1006.8         | 9.3         | .0     | 7.5            | .0     | 9             | 44    | 14     | 4        | 184      | 106      |
| 08085 PAMPLONA/NOAIN             | 4246N    | 00138W    | 459       |           | 954.5        | 1008.1         | 7.9         |        | 7.5            |        | 20            | 90    |        | 4        | 120      | 75       |
| 08130 ZAMORA                     | 4131N    | 00544W    | 667       |           | 931.5        | 1009.2         | 8.0         |        | 7.6            |        | 17            | 96    |        | 5        | 173      | 90       |
| 08140 VALLADOLID/VILLANUBLA      | 4143N    | 00451W    | 846       |           | 910.2        | 1008.2         | 5.7         |        | 6.9            |        | 17            | 103   |        | 6        | 154      | 80       |
| 08141 VALLADOLID                 | 4139N    | 00446W    | 735       |           | 922.7        | 1008.1         | 7.2         | -6     | 7.4            | .6     | 16            | 116   | 84     | 6        | 179      | 93       |
| 08148 SORIA                      | 4146N    | 00228W    | 1082      |           | 883.8        | 1007.0         | 5.5         |        | 6.6            |        | 22            | 109   |        | 5        | 163      | 95       |
| 08160 ZARAGOZA/AEROPUERTO        | 4140N    | 00100W    | 263       |           | 976.4        | 1007.0         | 10.6        | .4     | 7.8            | .0     | 9             | 38    | 16     | 5        | 205      | 101      |
| <b>08202 SALAMANCA/MATACAN</b>   | 4057N    | 00530W    | 794       |           | 916.7        | 1008.7         | 6.6         | -7     | 7.4            | -1     | 16            | 102   | 75     | 6        | 183      | 97       |
| 08210 AVILA                      | 4039N    | 00442W    | 1131      |           | 880.0        | 1008.7         | 5.4         |        | 6.3            |        | 14            | 74    |        | 6        | 167      | 85       |
| 08213 SEGOVIA                    | 4057N    | 00407W    | 1006      |           | 893.5        | 1008.6         | 5.8         |        | 6.9            |        | 16            | 87    |        | 6        | 132      | 75       |
| <b>08215 NAVACERRADA</b>         | 4047N    | 00401W    | 1894      |           | 801.3        | 1009.9         | -1.4        |        | 5.3            |        | 24            | 377   |        | 6        | 81       | 55       |
| 08219 MADRI-COLMENAR             | 4039N    | 00344W    | 1004      |           | 893.8        | 1008.0         | 6.1         |        | 6.9            |        | 16            | 196   |        | 6        | 165      |          |
| 08221 MADRID/BARAJAS             | 4030N    | 00335W    | 633       |           | 940.6        | 1008.5         | 9.2         | -1     | 7.8            | .3     | 16            | 139   | 110    | 6        | 166      | 83       |
| 08222 MADRID, RETIRO             | 4025N    | 00341W    | 667       |           | 931.3        | 1008.7         | 8.8         | -1.2   | 7.6            | .5     | 18            | 141   | 108    | 6        |          |          |
| 08223 MADRID/CUATRO VIENTOS      | 4023N    | 00347W    | 690       |           | 929.0        | 1008.8         | 8.5         |        | 7.5            |        | 16            | 136   |        | 6        | 175      | 85       |
| 08224 MADRID/GETAFE              | 4018N    | 00343W    | 620       |           | 936.8        | 1008.6         | 8.8         |        | 7.6            |        | 17            | 125   |        | 6        | 174      | 85       |
| 08227 MADRID/TORREJON            | 4029N    | 00327W    | 612       |           | 937.3        | 1008.7         | 8.5         |        | 8.1            |        | 15            | 124   |        | 6        | 167      | 95       |
| 08231 CUENCA                     | 4004N    | 00208W    | 946       |           | 899.9        | 1009.0         | 6.9         |        | 7.3            |        | 20            | 152   |        | 6        | 127      | 65       |
| 08235 TERUEL                     | 4021N    | 00107W    | 902       |           | 904.4        | 1007.8         | 7.3         |        | 6.4            |        | 9             | 33    |        | 5        | 198      | 95       |
| 08261 CACERES                    | 3928N    | 00620W    | 405       |           | 964.0        | 1010.0         | 10.2        | -1.1   | 9.1            | .4     | 21            | 231   | 189    | 6        | 197      | 85       |
| 08272 TOLEDO                     | 3953N    | 00403W    | 516       |           | 948.5        | 1008.9         | 9.8         |        | 8.2            |        | 15            | 107   |        | 6        | 198      | 90       |
| <b>08280 ALBACETE/LOS LLANOS</b> | 3857N    | 00151W    | 704       |           | 928.1        | 1009.6         | 8.9         | .4     | 7.8            | .6     | 14            | 50    | 21     | 5        | 187      | 93       |
| 08284 VALENCIA/AEROPUERTO        | 3930N    | 00028W    | 69        |           | 1000.0       | 1007.3         | 13.8        | 1.0    | 7.7            | -1.6   | 4             | 17    | -20    | 3        | 228      | 111      |
| 08285 VALENCIA                   | 3929N    | 00023W    | 11        |           |              |                | 15.3        |        |                |        | 4             | 19    |        | 3        | 202      | 100      |
| 08286 CASTELLON                  | 3957N    | 00004W    | 35        |           | 1001.5       | 1006.7         | 14.1        |        | 8.2            |        | 4             | 9     |        | 2        | 238      | 115      |
| 08330 BADAJOZ/TALAVERA LA REAL   | 3853N    | 00650W    | 192       |           | 988.0        | 1010.8         | 12.0        | -1     | 10.6           | .6     | 18            | 160   | 113    | 5        | 197      | 94       |
| 08348 CIUDAD REAL                | 3859N    | 00355W    | 629       |           | 937.4        | 1010.5         | 9.7         | .1     | 8.8            | .4     | 17            | 139   | 98     | 6        | 164      | 82       |
| 08359 ALICANTE                   | 3822N    | 00030W    | 82        |           | 999.0        | 1008.7         | 14.6        | .9     | 8.7            | -1.1   | 7             | 19    | -6     | 3        | 233      | 104      |
| 08360 ALICANTE/EL ALTET          | 3817N    | 00033W    | 43        |           | 1005.2       | 1008.9         | 14.2        |        | 8.8            |        | 7             | 21    |        |          | 219      |          |
| 08383 HUELVA                     | 3717N    | 00655W    | 20        |           | 1010.2       | 1012.6         | 13.7        |        | 12.3           |        | 15            | 139   |        | 5        | 201      | 90       |
| 08391 SEVILLA/SAN PABLO          | 3725N    | 00554W    | 34        |           | 1008.6       | 1012.3         | 13.6        |        | 11.8           |        | 17            | 139   |        | 5        | 195      | 90       |
| 08397 MORON DE LA FRONTERA       | 3709N    | 00537W    | 88        |           | 1002.3       | 1012.9         | 12.6        |        | 11.5           |        | 22            | 225   |        | 6        | 158      | 75       |
| <b>08410 CORDOBA/AEROPUERTO</b>  | 3751N    | 00451W    | 92        |           | 1001.0       | 1012.0         | 12.2        | -9     | 11.3           | 1.0    | 20            | 216   | 161    | 6        | 181      | 94       |
| 08417 JAEN                       | 3747N    | 00348W    | 582       |           | 944.3        | 1011.9         | 10.4        |        | 9.1            |        | 23            | 266   |        | 6        | 169      | 80       |
| 08419 GRANADA/AEROPUERTO         | 3711N    | 00347W    | 570       |           | 946.0        | 1012.3         | 10.9        |        | 9.7            |        | 22            | 191   |        | 6        | 153      | 70       |
| 08420 GRANADA/BASE AEREA         | 3708N    | 00337W    | 692       |           | 932.2        | 1012.4         | 9.7         |        | 8.5            |        | 22            | 187   |        | 6        | 152      | 80       |
| 08429 MURCIA/ALCANTARILLA        | 3757N    | 00114W    | 75        |           | 1000.5       | 1009.4         | 14.8        |        | 7.9            |        | 3             | 11    |        | 2        | 212      | 105      |



# SURFACE

# MARCH 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. |
| 08430 MURCIA                        | 3800N    | 00110W    | 62        |           | 1001.8       | 1009.1         | 15.2        |        | 7.8            |        | 4             | 13    |        | 2        | 236      | 105      |
| 08433 MURCIA/SAN JAVIER             | 3747N    | 00048W    | 5         |           |              |                | 14.6        | 2.0    |                |        | 4             | 14    | -12    | 2        | 210      | 120      |
| 08449 ROTA                          | 3639N    | 00621W    | 23        |           | 1011.1       | 1013.8         | 14.1        |        | 12.5           |        | 21            | 259   |        |          | 177      |          |
| 08451 JEREZ DE LA FRONTERA AEROPUE  | 3645N    | 00604W    | 28        |           | 1010.1       | 1013.5         | 13.4        | -2     | 12.7           | 1.3    | 19            | 258   | 206    | 6        | 162      | 70       |
| 08452 CADIZ, OBS.                   | 3632N    | 00617W    | 9         |           | 1013.1       | 1014.2         | 14.6        |        | 12.2           |        | 22            | 183   |        | 5        |          |          |
| 08482 MALAGA/AEROPUERTO             | 3640N    | 00429W    | 16        |           | 1011.6       | 1012.4         | 14.7        | .7     | 11.1           | .4     | 14            | 193   | 134    | 6        | 146      | 68       |
| 08487 ALMERIA/AEROPUERTO            | 3651N    | 00223W    | 21        |           | 1007.7       | 1010.2         | 14.4        | -2     | 11.6           | .6     | 10            | 55    | 36     | 5        | 225      | 106      |
| <b>GIBRALTAR</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08495 GIBRALTAR                     | 3609N    | 00521W    | 5         |           | 1013.0       | 1013.7         | 14.9        | .3     | 12.2           | 1.2    | 21            | 313   | 0194   | 5        | 166      | 085      |
| <b>PORTUGAL</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08509 LAJES (ACORES)                | 3846N    | 02706W    | 54        |           | 1008.8       | 1015.3         | 15.2        |        | 14.1           |        | 17            | 102   |        | 3        | 175      | 170      |
| 08512 PONTA DELGADA/NORDELA (ACORE) | 3744N    | 02542W    | 72        |           | 1006.5       | 1016.3         | 14.9        |        | 11.8           |        | 15            | 9     |        | 3        |          |          |
| 08535 LISBOA/GEOF                   | 3843N    | 00909W    | 95        |           | 999.7        | 1011.1         | 12.7        | -1.0   | 11.7           | .5     | 18            | 217   | 148    | 6        | 174      | 84       |
| 08570 CASTELO BRANCO                | 3950N    | 00729W    | 386       |           | 964.6        | 1010.3         | 9.6         |        | 9.4            |        | 20            | 296   |        |          |          |          |
| 08575 BRAGANCA                      | 4148N    | 00644W    | 692       |           | 938.5        | 1018.8         | 8.8         | .8     | 5.7            | -1.8   | 22            | 260   | 201    | 6        |          |          |
| <b>GERMANY</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 10015 HELGOLAND                     | 5411N    | 00754E    | 8         |           | 1006.0       | 1006.4         | 2.1         |        | 6.1            |        | 8             | 37    |        | 3        | 97       | 80       |
| 10020 LIST/SYLT                     | 5501N    | 00825E    | 29        |           | 1003.9       | 1007.3         | 1.1         |        | 5.9            |        | 7             | 31    |        | 2        | 84       | 70       |
| 10028 ST PETER-ORDING               | 5420N    | 00836E    | 11        |           | 1005.5       | 1006.9         | 1.4         |        | 6.0            |        | 6             | 41    |        | 3        | 108      | 100      |
| 10035 SCHLESWIG                     | 5432N    | 00933E    | 48        |           | 1001.5       | 1007.5         | 1.5         | -1.3   | 5.9            | -6     | 9             | 57    | -4     | 3        | 78       | 76       |
| 10046 KIEL-HOLTENAU                 | 5423N    | 01009E    | 31        |           | 1004.0       | 1007.5         | 1.7         |        | 6.0            |        | 8             | 46    |        |          | 89       | 80       |
| 10055 WESTERMARKELSDORF             | 5432N    | 01104E    | 9         |           | 1006.9       | 1007.9         | 1.1         |        | 5.8            |        | 11            | 71    |        |          | 80       | 70       |
| 10091 ARKONA                        | 5441N    | 01326E    | 42        |           | 1003.2       | 1008.5         | .4          |        | 5.5            |        | 11            | 51    |        | 5        | 85       | 70       |
| 10113 NORDERNEY                     | 5343N    | 00709E    | 16        |           | 1003.9       | 1005.9         | 2.5         |        | 6.3            |        | 8             | 39    |        | 2        | 131      | 105      |
| 10129 BREMERHAVEN                   | 5332N    | 00835E    | 11        |           | 1005.7       | 1006.4         | 2.7         |        | 6.2            |        | 10            | 39    |        | 3        | 113      | 110      |
| 10131 CUXHAVEN                      | 5352N    | 00842E    | 12        |           | 1005.1       | 1006.6         | 2.2         |        | 6.2            |        | 10            | 38    |        | 2        | 107      | 95       |
| 10142 ITZEHOE                       | 5359N    | 00934E    | 26        |           | 1004.0       | 1007.1         | 1.7         |        | 5.9            |        | 7             | 42    |        |          | 102      | 90       |
| 10147 HAMBURG-FUHLBUETTEL           | 5338N    | 00959E    | 16        |           | 1005.1       | 1007.0         | 2.0         | -1.7   | 5.9            | -7     | 8             | 42    | -14    | 2        | 115      | 111      |
| 10156 LUEBECK-BLANKENSEE            | 5349N    | 01042E    | 17        |           | 1005.4       | 1007.5         | 1.1         |        | 5.7            |        | 8             | 67    |        |          | 107      | 95       |
| 10161 BOLTENHAGEN                   | 5400N    | 01112E    | 17        |           | 1005.6       | 1007.6         | 1.3         |        | 5.8            |        | 11            | 61    |        | 5        | 107      | 95       |
| 10162 SCHWERIN                      | 5339N    | 01123E    | 68        |           | 1000.0       | 1007.4         | 1.4         |        | 5.5            |        | 9             | 74    |        | 5        | 119      | 110      |
| 10170 ROSTOCK-WARNEMUENDE           | 5411N    | 01205E    | 10        |           | 1006.2       | 1007.8         | 1.2         | -1.9   | 5.6            | -9     | 11            | 71    | 31     | 5        | 112      | 104      |
| 10180 BARTH                         | 5420N    | 01243E    | 7         |           | 1007.7       | 1008.2         | .2          |        | 5.4            |        | 13            | 82    |        |          | 112      | 100      |
| 10184 GREIFSWALD                    | 5406N    | 01324E    | 6         |           | 1007.5       | 1008.3         | .4          |        | 5.3            |        | 10            | 65    |        |          | 117      | 95       |
| 10193 UECKERMUENDE                  | 5345N    | 01404E    | 2         |           | 1008.0       | 1008.2         | .4          |        | 5.4            |        | 10            | 51    |        | 5        | 128      | 95       |
| 10200 EMDEN-FLUGPLATZ               | 5323N    | 00714E    | -2        |           | 1005.8       | 1005.6         | 2.9         |        | 6.3            |        | 8             | 44    |        |          | 123      | 110      |
| 10224 BREMEN                        | 5303N    | 00848E    | 5         |           | 1005.6       | 1006.3         | 3.0         |        | 6.1            |        | 8             | 31    |        | 1        | 117      | 110      |
| 10249 BOIZENBURG                    | 5324N    | 01041E    | 46        |           | 1001.4       | 1007.1         | 1.7         |        | 5.7            |        | 8             | 66    |        | 5        | 112      | 100      |
| 10261 SEEHAUSEN                     | 5254N    | 01144E    | 23        |           | 1004.3       | 1007.2         | 1.6         |        | 5.8            |        | 8             | 50    |        |          | 131      | 120      |
| 10264 MARNITZ                       | 5319N    | 01156E    | 87        |           | 996.6        | 1007.4         | 1.0         |        | 5.5            |        | 10            | 56    |        | 4        | 123      | 115      |
| 10270 NEURUPPIN                     | 5254N    | 01249E    | 45        |           | 1001.9       | 1007.5         | 1.3         |        | 5.5            |        | 10            | 36    |        | 4        | 142      | 120      |

# SURFACE

# MARCH 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. |
| 10291 ANGERMUENDE         | 5302N    | 01400E    | 55        |           | 1001.1       | 1008.0         | .8          |        | 5.4            |        | 8             | 53    |        | 5        | 121      | 90       |
| 10305 LINGEN              | 5231N    | 00718E    | 26        |           | 1002.5       | 1005.4         | 4.0         |        | 6.6            |        | 12            | 53    |        | 3        | 128      | 120      |
| 10309 AHAUS               | 5204N    | 00656E    | 47        |           | 999.2        | 1005.0         | 4.2         |        | 6.6            |        | 14            | 66    |        |          | 112      | 105      |
| 10312 BELM                | 5219N    | 00810E    | 104       |           | 992.9        | 1005.7         | 3.3         |        | 6.5            |        | 10            | 42    |        |          | 121      | 115      |
| 10315 MUENSTER/OSNABRUECK | 5208N    | 00742E    | 53        |           | 998.8        | 1005.3         | 4.2         |        | 6.6            |        | 11            | 48    |        |          | 124      | 110      |
| 10321 DIEPHOLZ            | 5235N    | 00821E    | 43        |           | 1000.6       | 1005.9         | 3.2         |        | 6.2            |        | 7             | 25    |        | 1        | 121      | 115      |
| 10325 BAD SALZUFLEN       | 5206N    | 00845E    | 139       |           | 989.0        | 1005.8         | 3.4         |        | 6.1            |        | 12            | 41    |        | 2        | 136      | 130      |
| 10338 HANNOVER            | 5228N    | 00941E    | 59        |           | 999.0        | 1006.3         | 2.8         | -1.2   | 6.1            | -6     | 9             | 35    | -13    | 2        | 122      | 117      |
| 10348 BRAUNSCHWEIG        | 5218N    | 01027E    | 88        |           | 996.4        | 1006.5         | 2.8         |        | 5.9            |        | 10            | 35    |        | 2        | 133      | 120      |
| 10359 GARDELEGEN          | 5231N    | 01124E    | 48        |           | 1001.3       | 1007.2         | 2.0         |        | 5.8            |        | 9             | 49    |        | 4        | 118      | 110      |
| 10361 MAGDEBURG           | 5206N    | 01135E    | 85        |           | 996.4        | 1006.9         | 2.6         |        | 5.9            |        | 12            | 46    |        | 4        | 125      | 105      |
| 10365 GENTHIN             | 5223N    | 01210E    | 39        |           | 1002.6       | 1007.1         | 1.9         |        | 5.8            |        | 9             | 47    |        | 4        | 119      | 100      |
| 10379 POTSDAM             | 5223N    | 01304E    | 100       |           | 994.9        | 1007.3         | 1.6         | -2.1   | 5.7            | -5     | 11            | 53    | 15     | 5        | 123      | 99       |
| 10382 BERLIN-TEGEL        | 5234N    | 01319E    | 37        |           | 1002.9       | 1007.5         | 2.0         |        | 5.3            |        | 8             | 49    |        |          | 120      | 100      |
| 10384 BERLIN-TEMPELHOF    | 5228N    | 01324E    | 50        |           | 1001.5       | 1007.6         | 2.0         |        | 5.5            |        | 10            | 46    |        | 4        | 119      | 95       |
| 10385 BERLIN-SCHOENEFELD  | 5223N    | 01332E    | 48        |           | 1001.2       | 1007.5         | 1.5         |        | 5.4            |        | 7             | 38    |        |          | 118      |          |
| <b>10393 LINDENBERG</b>   | 5213N    | 01407E    | 112       |           | 994.6        | 1007.5         | 1.4         | -2.0   | 5.3            | -9     | 6             | 46    | 10     | 5        | 125      | 102      |
| 10396 MANSCHNOW           | 5233N    | 01433E    | 16        |           | 1006.3       | 1007.9         | 1.2         |        | 5.7            |        | 8             | 44    |        |          | 128      | 100      |
| 10400 DUESSELDORF         | 5118N    | 00646E    | 45        |           | 999.7        | 1004.6         | 5.2         |        | 6.7            |        | 13            | 51    |        |          | 110      | 100      |
| 10410 ESSEN-BREDENEY      | 5124N    | 00658E    | 161       |           | 986.4        | 1004.7         | 4.6         | -5     | 6.7            | -2     | 12            | 67    | -8     | 3        | 120      | 118      |
| 10418 LUEDENSCHIED        | 5115N    | 00739E    | 392       |           | 958.1        | 1005.0         | 2.8         |        | 6.2            |        | 14            | 87    |        |          | 117      | 120      |
| 10424 WERL                | 5134N    | 00753E    | 86        |           | 994.7        | 1005.2         | 4.5         |        | 6.4            |        | 12            | 61    |        |          | 131      | 125      |
| 10427 KAHLER ASTEN        | 5111N    | 00829E    | 859       |           | 904.0        |                | -1.0        |        | 5.3            |        | 12            | 70    |        | 1        | 94       | 100      |
| 10430 BAD LIPPSPRINGE     | 5147N    | 00850E    | 158       |           | 986.2        | 1005.6         | 3.5         |        | 6.3            |        | 11            | 42    |        | 2        | 117      | 110      |
| 10442 ALFELD              | 5157N    | 00948E    | 145       |           | 988.5        | 1006.4         | 2.6         |        | 6.0            |        | 9             | 39    |        |          | 120      | 120      |
| 10444 GOETTINGEN          | 5130N    | 00957E    | 175       |           | 985.6        | 1006.3         | 2.9         |        | 6.1            |        | 14            | 42    |        | 3        | 119      | 110      |
| 10449 LEINEFELDE          | 5124N    | 01019E    | 356       |           | 963.4        | 1006.4         | 1.7         |        | 5.8            |        | 10            | 46    |        | 3        | 119      | 105      |
| 10453 BROCKEN             | 5148N    | 01037E    | 1153      |           | 870.6        |                | -3.9        |        | 4.6            |        | 18            | 112   |        | 2        | 99       | 105      |
| 10460 ARTERN              | 5123N    | 01118E    | 166       |           | 986.2        | 1006.6         | 2.5         |        | 5.8            |        | 10            | 40    |        | 4        | 120      | 110      |
| 10469 LEIPZIG-SCHKEUDITZ  | 5126N    | 01214E    | 141       |           | 990.1        | 1006.9         | 2.0         |        | 5.8            |        | 10            | 46    |        |          | 144      | 135      |
| 10474 WITTENBERG          | 5153N    | 01239E    | 106       |           | 994.0        | 1007.2         | 1.8         |        | 5.7            |        | 9             | 37    |        | 3        | 120      | 100      |
| 10480 OSCHATZ             | 5118N    | 01306E    | 152       |           | 988.6        | 1007.2         | 1.9         |        | 5.4            |        | 7             | 39    |        |          | 129      | 110      |
| 10488 DRESDEN-KLOTZSCHE   | 5108N    | 01345E    | 232       |           | 978.6        | 1007.1         | 1.9         |        | 5.4            |        | 8             | 34    |        | 3        | 133      | 115      |
| 10496 COTTBUS             | 5146N    | 01419E    | 70        |           | 998.7        | 1007.3         | 1.8         |        | 5.3            |        | 7             | 32    |        | 3        | 122      | 95       |
| 10499 GOERLITZ            | 5110N    | 01457E    | 240       |           | 978.1        | 1007.6         | 1.2         | -2.0   | 5.5            | -6     | 8             | 41    | 3      | 4        | 137      | 114      |
| 10505 AACHEN-ORSBACH      | 5046N    | 00710E    | 233       |           | 976.0        | 1004.2         | 4.5         |        | 6.9            |        | 12            | 65    |        |          | 90       | 80       |
| 10506 NUERBURG-BARWEILER  | 5022N    | 00652E    | 488       |           | 946.4        | 1005.0         | 2.6         |        | 6.1            |        | 9             | 36    |        |          | 100      | 90       |
| 10513 KOELN/BONN          | 5052N    | 00710E    | 100       |           | 992.8        | 1005.0         | 5.0         |        | 6.5            |        | 14            | 70    |        | 4        | 106      | 95       |
| 10519 BONN-ROLEBER        | 5044N    | 00712E    | 162       |           | 985.4        | 1004.9         | 4.7         |        | 6.8            |        | 11            | 63    |        |          | 115      | 105      |
| 10520 ANDERNACH           | 5025N    | 00725E    | 77        |           | 996.0        | 1005.3         | 4.7         |        | 6.6            |        | 11            | 42    |        |          | 103      | 110      |
| 10526 BAD MARIENBERG      | 5040N    | 00758E    | 555       |           | 939.9        | 1005.4         | 1.5         |        | 6.0            |        | 13            | 81    |        |          | 98       | 90       |
| 10532 GIESSEN             | 5035N    | 00842E    | 195       |           | 980.7        | 1005.6         | 3.4         |        | 6.3            |        | 12            | 51    |        | 3        | 101      | 90       |
| 10537 NEU ULRICHSTEIN     | 5045N    | 00901E    | 352       |           | 963.3        | 1005.9         | 2.3         |        | 6.0            |        | 12            | 51    |        |          | 109      |          |
| 10542 BAD HERSFELD        | 5051N    | 00944E    | 273       |           | 973.1        | 1006.1         | 2.5         |        | 6.0            |        | 14            | 46    |        | 2        | 98       | 95       |
| 10544 WASSERKUPPE         | 5030N    | 00957E    | 925       |           | 896.8        |                | -1.2        |        | 5.1            |        | 15            | 91    |        | 4        | 98       | 95       |
| 10548 MEININGEN           | 5034N    | 01023E    | 453       |           | 951.8        | 1006.5         | 1.5         |        | 5.8            |        | 15            | 55    |        |          | 92       | 85       |

# SURFACE

# MARCH 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. |
| 10554 ERFURT-BINDERSLEBEN     | 5059N    | 01058E    | 322       |           | 967.3        | 1006.5         | 1.8         |        | 5.8            |        | 9             | 43    |        | 4        | 123      | 110      |
| 10557 NEUHAUS A.R.            | 5030N    | 01108E    | 851       |           | 905.6        |                | -1.4        |        | 5.2            |        | 16            | 72    |        |          |          |          |
| 10564 SCHLEIZ                 | 5034N    | 01148E    | 502       |           | 946.1        | 1006.7         | .9          |        | 5.5            |        | 12            | 45    |        |          | 112      | 105      |
| 10567 GERA-LEUMNITZ           | 5053N    | 01208E    | 312       |           | 969.0        | 1006.8         | 1.7         |        | 5.6            |        | 9             | 48    |        | 5        | 125      | 110      |
| 10577 CHEMNITZ                | 5048N    | 01252E    | 420       |           | 956.2        | 1006.8         | 1.4         |        | 5.4            |        | 6             | 48    |        | 4        | 125      | 115      |
| 10578 FICHELBERG              | 5026N    | 01257E    | 1215      |           | 865.2        |                | -3.9        | -1.5   | 4.6            | -1     | 12            | 68    | -19    | 3        | 89       | 86       |
| 10582 ZINNWALD-GEORGENFELD    | 5044N    | 01345E    | 882       |           | 903.0        |                | -2.7        |        | 4.8            |        | 10            | 53    |        |          | 94       | 90       |
| 10591 LICHTENHAIN-MITTELNDORF | 5056N    | 01413E    | 352       |           | 968.3        | 1007.3         | 1.0         |        | 5.1            |        | 9             | 43    |        |          | 126      | 115      |
| 10609 TRIER-PETRISBERG        | 4945N    | 00640E    | 273       |           | 972.1        | 1005.1         | 4.3         | -6     | 6.6            | -1     | 13            | 42    | -22    | 2        | 93       | 82       |
| 10616 HAHN                    | 4957N    | 00716E    | 503       |           | 945.0        | 1005.3         | 2.3         |        | 6.2            |        | 9             | 53    |        |          | 84       | 75       |
| 10628 GEISENHEIM              | 4959N    | 00757E    | 123       |           | 992.0        | 1005.6         | 4.8         | -8     | 6.7            | .0     | 13            | 39    | 1      | 3        | 89       | 74       |
| 10635 KLEINER FELDBERG/TAUNUS | 5013N    | 00827E    | 805       |           | 907.8        |                | -1          |        | 5.5            |        | 15            | 66    |        | 2        | 87       | 85       |
| 10637 FRANKFURT/M-FLUGHAFEN   | 5003N    | 00836E    | 113       |           | 992.9        | 1005.6         | 4.8         |        | 6.5            |        | 11            | 40    |        | 3        | 101      | 85       |
| 10648 MICHELSTADT-VIELBRUNN   | 4943N    | 00906E    | 455       |           | 951.1        | 1005.9         | 2.6         |        | 6.0            |        | 9             | 66    |        |          | 85       | 70       |
| 10655 WUERZBURG               | 4946N    | 00958E    | 272       |           | 973.5        | 1006.4         | 3.7         |        | 6.3            |        | 10            | 46    |        | 4        | 103      | 85       |
| 10658 BAD KISSINGEN           | 5014N    | 01005E    | 282       |           | 972.0        | 1006.3         | 2.9         |        | 6.0            |        | 13            | 56    |        | 3        | 97       | 90       |
| 10675 BAMBERG                 | 4953N    | 01055E    | 243       |           | 977.0        | 1006.4         | 3.1         |        | 6.1            |        | 15            | 46    |        | 3        | 103      | 90       |
| 10685 HOF                     | 5019N    | 01153E    | 568       |           | 938.7        | 1006.8         | .7          |        | 5.5            |        | 13            | 42    |        | 2        | 106      | 90       |
| 10686 WUNSIEDEL-SCHOENBRUNN   | 5001N    | 01158E    | 623       |           | 932.0        | 1006.8         | .2          |        | 5.2            |        | 9             | 42    |        |          | 104      | 90       |
| 10688 WEIDEN                  | 4940N    | 01211E    | 439       |           | 954.0        | 1006.8         | 2.0         |        | 5.6            |        | 13            | 40    |        | 3        | 109      | 90       |
| 10708 SAARBRUECKEN/ENSHEIM    | 4913N    | 00707E    | 322       |           | 966.6        | 1005.3         | 3.9         |        | 6.6            |        | 14            | 76    |        | 4        | 91       | 75       |
| 10724 WEINBIET                | 4923N    | 00807E    | 557       |           | 938.8        | 1005.5         | 2.6         |        | 6.2            |        | 12            | 35    |        |          | 92       | 75       |
| 10729 MANNHEIM                | 4931N    | 00833E    | 100       |           | 993.5        | 1005.7         | 5.2         |        | 7.1            |        | 13            | 47    |        | 3        | 95       | 75       |
| 10731 RHEINSTETTEN            | 4858N    | 00819E    | 118       |           | 991.2        | 1005.5         | 5.3         |        | 6.9            |        | 10            | 32    |        |          | 105      | 90       |
| 10738 STUTTGART-ECHTERDINGEN  | 4841N    | 00914E    | 396       |           | 958.5        | 1005.5         | 4.3         |        | 6.2            |        | 9             | 18    |        | 1        | 126      | 95       |
| 10742 OEHRINGEN               | 4913N    | 00931E    | 277       |           | 972.6        | 1005.8         | 4.6         |        | 6.5            |        | 9             | 45    |        | 2        | 98       | 75       |
| 10747 KAISERBACH-CRONHUETTE   | 4855N    | 00941E    | 490       |           | 947.3        | 1006.1         | 2.4         |        | 5.9            |        | 11            | 59    |        |          | 106      |          |
| 10761 WEISSENBURG             | 4901N    | 01058E    | 424       |           | 953.4        | 1006.4         | 2.9         |        | 6.2            |        | 5             | 22    |        | 1        | 127      | 100      |
| 10763 NUERNBERG               | 4930N    | 01103E    | 319       |           | 967.9        | 1006.4         | 3.3         | -6     | 6.1            | -1     | 12            | 39    | -7     | 3        | 115      | 93       |
| 10776 REGENSBURG              | 4903N    | 01206E    | 371       |           | 961.8        | 1006.4         | 3.1         |        | 6.0            |        | 9             | 43    |        | 3        | 107      | 85       |
| 10788 STRAUBING               | 4850N    | 01234E    | 360       |           | 963.1        | 1006.6         | 3.0         |        | 6.0            |        | 9             | 44    |        |          | 109      | 90       |
| 10791 GROSSER ARBER           | 4907N    | 01308E    | 1446      |           | 840.8        |                | -3.3        |        | 4.3            |        |               |       |        |          |          |          |
| 10803 FREIBURG                | 4800N    | 00751E    | 300       |           | 976.9        | 1005.6         | 5.3         |        | 6.8            |        | 14            | 41    |        | 2        | 97       | 75       |
| 10805 LAHR                    | 4822N    | 00750E    | 157       |           | 986.4        | 1005.5         | 5.5         |        | 7.0            |        | 13            | 32    |        | 2        | 103      | 85       |
| 10815 FREUDENSTADT            | 4827N    | 00825E    | 801       |           | 911.5        |                | 1.6         |        | 5.8            |        | 14            | 106   |        | 2        | 103      | 85       |
| 10836 STOETTEN                | 4840N    | 00952E    | 737       |           | 918.6        | 1006.0         | 1.5         |        | 5.8            |        | 9             | 48    |        | 2        | 99       | 80       |
| 10852 AUGSBURG                | 4826N    | 01056E    | 477       |           | 949.1        | 1006.3         | 2.8         |        | 6.1            |        | 5             | 25    |        | 2        | 108      | 85       |
| 10863 WEIHENSTEPHAN           | 4824N    | 01142E    | 479       |           | 948.9        | 1006.4         | 2.8         |        | 6.1            |        | 8             | 30    |        | 3        | 116      | 90       |
| 10870 MUENCHEN, FLUGHAFEN     | 4822N    | 01149E    | 453       |           | 952.7        | 1006.4         | 3.0         | -4     | 6.0            | .1     | 7             | 27    | -20    | 2        | 115      | 90       |
| 10875 MUEHLDOF                | 4817N    | 01230E    | 410       |           | 957.6        | 1006.7         | 2.7         |        | 6.0            |        | 9             | 39    |        | 2        | 106      | 85       |
| 10895 FUERSTENZELL            | 4833N    | 01321E    | 480       |           | 949.1        | 1006.8         | 2.4         |        | 5.9            |        | 9             | 46    |        |          | 116      | 80       |
| 10908 FELDBERG/SCHWARZWALD    | 4753N    | 00800E    | 1493      |           | 835.7        |                | -1.6        |        | 4.7            |        | 21            | 140   |        | 3        | 95       | 85       |
| 10929 KONSTANZ                | 4741N    | 00911E    | 447       |           | 952.8        | 1005.9         | 4.6         | -1     | 6.3            | -1     | 11            | 49    | -2     | 3        | 101      | 81       |
| 10946 KEMPTEN                 | 4743N    | 01020E    | 705       |           | 923.1        | 1006.0         | 2.6         |        | 5.6            |        | 14            | 52    |        | 2        | 101      | 75       |
| 10948 OBERSTDORF              | 4724N    | 01017E    | 812       |           | 911.4        |                | 1.4         |        | 5.4            |        | 18            | 87    |        | 2        | 85       | 65       |
| 10961 ZUGSPITZE               | 4725N    | 01059E    | 2962      |           | 694.3        |                | -9.8        | .4     | 2.4            | .1     | 22            | 148   | -38    | 3        | 124      | 81       |

# SURFACE

# MARCH 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. |
| <b>10962 HOHENPEISSENBERG</b>  | 4748N    | 01101E    | 986       |           | 891.2        |                | 1.4         | -2     | 5.2            | .0     | 9             | 33    | -31    | 1        | 108      | 79       |
| <b>AUSTRIA</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>11012 KREMSMUENSTER</b>     | 4803N    | 01408E    | 389       |           | 960.1        | 1007.2         | 2.5         |        | 5.6            |        | 15            | 40    |        | 2        | 115      | 90       |
| 11035 WIEN/HOHE WARTE          | 4815N    | 01622E    | 200       |           | 982.1        | 1007.5         | 3.5         |        | 5.9            | -4     | 7             | 51    | 10     | 4        | 106      | 84       |
| 11120 INNSBRUCK-FLUGHAFEN      | 4716N    | 01121E    | 584       |           | 935.4        | 1005.4         | 4.2         |        | 5.7            |        | 11            | 41    |        | 3        | 136      | 90       |
| <b>11146 SONNBLICK</b>         | 4703N    | 01257E    | 3111      |           | 680.6        | 2897 Z         | -10.3       |        | 2.2            | -1     | 18            | 143   | -91    | 4        | 124      | 87       |
| 11150 SALZBURG-FLUGHAFEN       | 4748N    | 01300E    | 450       |           | 952.9        | 1006.2         | 3.1         |        | 6.1            | .1     | 18            | 79    | 13     | 4        | 111      | 85       |
| 11155 FEUERKOGEL               | 4749N    | 01343E    | 1621      |           | 823.3        | 1366 Y         | -2.2        |        | 4.1            |        | 19            | 78    |        | 2        | 126      | 95       |
| 11212 VILLACHERALPE            | 4636N    | 01340E    | 2160      |           | 770.1        | 1376 Y         | -6.0        |        | 3.7            |        | 12            | 66    |        | 2        | 115      | 70       |
| 11231 KLAGENFURT-FLUGHAFEN     | 4639N    | 01420E    | 476       |           | 950.4        | 1007.4         | 2.9         |        | 5.8            | .1     | 13            | 85    | 31     | 5        | 115      | 75       |
| 11240 GRAZ-THALERHOF-FLUGHAFEN | 4700N    | 01526E    | 347       |           | 963.7        | 1007.7         | 2.0         |        | 6.0            | -2     | 8             | 60    | 11     | 4        | 91       | 65       |
| <b>CZECH REPUBLIC</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 11423 PRIMDA                   | 4940N    | 01240E    | 748       |           | 917.9        |                | -5          |        | 5.4            |        | 10            | 36    |        | 3        | 86       | 80       |
| <b>11464 MILESOVKA</b>         | 5033N    | 01356E    | 836       |           | 907.7        |                | -1.8        |        | 4.9            |        | 8             | 49    |        | 4        | 99       | 80       |
| 11487 KOCELOVICE               | 4928N    | 01350E    | 522       |           | 944.6        | 1007.7         | .8          |        | 5.5            |        | 8             | 29    |        | 3        | 85       | 70       |
| 11518 PRAHA/RUZYNE             | 5006N    | 01415E    | 380       |           | 963.0        | 1007.5         | 1.3         | -1.8   | 5.4            | -5     | 5             | 32    | 4      | 4        | 93       | 75       |
| 11520 PRAHA-LIBUS              | 5001N    | 01427E    | 303       |           | 970.5        | 1007.6         | 2.1         |        | 5.4            |        | 6             | 29    |        | 3        | 92       | 75       |
| 11603 LIBEREC                  | 5046N    | 01501E    | 405       |           | 958.8        | 1007.8         | .5          |        | 4.8            |        | 8             | 56    |        | 4        | 113      | 110      |
| 11659 PRIBYSLAV                | 4935N    | 01546E    | 536       |           | 943.2        | 1008.0         | .4          |        | 5.5            |        | 4             | 14    |        | 1        | 87       | 75       |
| 11723 BRNO/TURANY              | 4909N    | 01642E    | 246       |           | 977.9        | 1008.0         | 2.4         | -1.4   | 5.5            | -4     | 4             | 22    | -2     | 3        | 103      | 85       |
| 11782 OSTRAVA/MOSNOV           | 4941N    | 01807E    | 260       |           | 976.6        | 1008.6         | 1.6         | -1.6   | 5.2            | -7     | 6             | 24    | -10    | 2        | 110      | 98       |
| 11787 LYSA HORA                | 4933N    | 01827E    | 1327      |           | 854.3        |                | -4.5        |        | 4.3            |        | 8             | 38    |        | 1        | 85       | 85       |
| <b>SLOVAKIA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 11826 PIESTANY                 | 4837N    | 01750E    | 164       |           | 988.1        | 1008.3         | 2.7         |        | 5.7            |        | 6             | 31    |        | 3        | 86       | 65       |
| 11858 HURBANOV                 | 4752N    | 01812E    | 124       |           | 993.3        | 1008.6         | 3.4         | -2.0   | 6.0            | -4     | 10            | 62    | 36     | 5        | 103      | 77       |
| 11903 SLIAC                    | 4839N    | 01909E    | 315       |           | 970.2        | 1008.7         | 1.9         | -1.2   | 5.5            | -3     | 13            | 52    | 11     |          | 75       | 60       |
| <b>11934 POPRAD/TATRY</b>      | 4904N    | 02015E    | 696       |           | 925.6        | 1073.9         | -1.5        | -2.2   | 4.6            | -3     | 5             | 34    | 7      | 4        | 115      | 79       |
| 11968 KOSICE                   | 4840N    | 02113E    | 231       |           | 980.7        | 1009.1         | 2.0         |        | 5.6            |        | 8             | 47    |        | 4        | 78       | 55       |
| <b>POLAND</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>12120 LEBA</b>              | 5445N    | 01732E    | 6         |           | 1009.0       | 1009.4         | .0          |        | 5.0            |        | 10            | 36    |        | 3        |          |          |
| 12160 ELBLAG                   | 5410N    | 01926E    | 43        |           | 986.5        | 1009.7         | -1.2        |        | 4.7            |        | 7             | 34    |        | 4        | 150      | 140      |
| 12205 SZCZECIN                 | 5324N    | 01437E    | 7         |           | 1007.3       | 1008.2         | .5          | -2.5   | 5.0            | -1.2   | 8             | 43    | 11     | 4        | 140      | 130      |
| 12295 BIALYSTOK                | 5306N    | 02310E    | 151       |           | 991.2        | 1010.3         | -1.1        | -1.3   | 4.5            | -8     | 6             | 23    | -8     | 2        | 144      |          |
| 12330 POZNAN                   | 5225N    | 01651E    | 84        |           | 997.4        | 1008.4         | 1.1         | -1.6   | 5.1            | -9     | 8             | 29    | 2      | 4        | 121      | 111      |
| 12375 WARSZAWA-OKECIE          | 5210N    | 02058E    | 106       |           | 996.2        | 1009.5         | .9          | -1.0   | 4.9            | -9     | 4             | 19    | -7     | 2        | 96       | 90       |
| <b>12385 SIEDLCE</b>           | 5215N    | 02215E    | 155       |           | 990.4        | 1009.9         | -2          |        | 4.8            |        | 5             | 22    |        | 2        | 153      |          |
| 12424 WROCLAW II               | 5106N    | 01653E    | 124       |           | 993.1        | 1008.1         | 1.9         | -1.3   | 5.3            | -9     | 5             | 28    | 2      | 3        | 131      | 122      |
| 12497 WLODAWA                  | 5133N    | 02332E    | 179       |           | 987.7        | 1010.2         | -6          |        | 4.9            |        | 6             | 26    |        | 3        | 111      | 95       |
| 12566 KRAKOW                   | 5005N    | 01948E    | 237       |           | 979.2        | 1009.1         | .7          | -1.7   | 5.3            | -6     | 7             | 19    | -15    | 2        |          |          |

# SURFACE

# MARCH 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. |
| <b>HUNGARY</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 12843 BUDAPEST/PESTSZENTLORINC | 4726N    | 01911E    | 139       |           | 991.3        | 1008.4         | 3.8         | -1.8   | 6.4            | -.2    | 10            | 79    | 50     | 6        | 98       | 72       |
| 12882 DEBRECEN                 | 4729N    | 02136E    | 109       |           | 995.3        | 1008.6         | 3.3         | -1.8   | 6.5            | -.3    | 10            | 72    | 38     | 5        |          |          |
| 12925 NAGYKANIZSA              | 4627N    | 01658E    | 141       |           | 991.1        | 1008.4         | 4.1         |        | 6.8            |        | 15            | 110   |        | 5        |          |          |
| 12942 PECS/POGANY              | 4600N    | 01814E    | 203       |           | 983.8        | 1008.5         | 3.8         | -1.8   | 6.4            | -.2    | 14            | 106   | 68     | 6        | 113      | 77       |
| 12982 SZEGED                   | 4615N    | 02006E    | 83        |           | 998.6        | 1008.8         | 3.9         | -1.7   | 6.9            | .0     | 15            | 83    | 54     | 6        | 99       | 70       |
| <b>SERBIA AND MONTENEGRO</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 13168 NOVI SAD RIMSKI SANCEVI  | 4520N    | 01951E    | 87        |           | 998.2        | 1008.7         | 5.0         |        | 6.9            |        | 17            | 92    |        | 5        | 96       | 60       |
| 13274 BEOGRAD                  | 4448N    | 02028E    | 132       |           | 992.3        | 1008.3         | 6.6         | -.5    | 7.2            | .7     | 15            | 65    | 16     | 4        |          |          |
| 13388 NIS                      | 4320N    | 02154E    | 202       |           | 985.1        | 1009.9         | 6.8         |        | 7.4            |        | 17            | 153   |        | 6        | 99       | 65       |
| 13463 PODGORICA-GRAD           | 4226N    | 01917E    | 50        |           | 1002.5       | 1008.4         | 10.2        |        | 9.8            |        | 21            | 462   |        | 6        | 113      | 65       |
| <b>SLOVENIA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 14008 KREDARICA                | 4623N    | 01351E    | 2515      |           | 735.3        | 2897 Z         | -6.8        |        | 3.3            |        | 17            | 168   |        | 5        | 79       | 55       |
| 14015 LJUBLJANA/BEZIGRAD       | 4604N    | 01431E    | 299       |           | 971.8        | 1007.8         | 4.6         |        | 6.8            |        | 12            | 122   |        | 4        | 96       | 75       |
| <b>CROATIA</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 14236 ZAGREB/GRIC              | 4549N    | 01559E    | 162       |           | 988.1        | 1007.9         | 5.7         |        | 6.6            |        | 12            | 73    |        | 4        | 91       | 70       |
| 14445 SPLIT/MARJAN             | 4331N    | 01626E    | 128       |           | 990.4        | 1005.7         | 10.5        |        | 8.9            |        | 15            | 145   |        | 5        | 116      | 65       |
| <b>BOSNIA AND HERZEGOVINA</b>  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 14542 BANJA LUKA               | 4447N    | 01713E    | 156       |           | 989.3        | 1008.4         | 5.4         |        | 6.8            |        | 18            | 116   |        | 4        | 106      | 85       |
| 14557 TUZLA                    | 4433N    | 01842E    | 307       |           | 972.3        | 1009.0         | 6.3         |        | 6.6            |        | 16            | 89    |        | 5        | 100      | 75       |
| 14648 MOSTAR                   | 4321N    | 01748E    | 108       |           | 995.3        | 1007.2         | 9.5         |        | 9.7            |        | 18            | 306   |        | 5        | 106      | 65       |
| 14652 BJELASNICA               | 4343N    | 01816E    | 2070      |           | 781.4        | 1377.0         | -3.9        |        | 4.6            |        | 17            | 160   |        | 5        | 58       | 45       |
| 14654 SARAJEVO-BJELAVE         | 4352N    | 01826E    | 638       |           | 933.5        | 1007.7         | 5.3         | .2     | 6.8            | 1.0    | 18            | 110   | 40     | 5        | 114      | 91       |
| <b>ROMANIA</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 15023 SUCEAVA                  | 4738N    | 02615E    | 352       |           | 965.7        | 1009.4         | -4          |        | 5.4            |        | 9             | 64    |        | 5        | 109      | 80       |
| 15085 BISTRITA                 | 4709N    | 02431E    | 367       |           | 964.4        | 1009.2         | 3.1         | .0     | 6.4            | .4     | 18            | 69    | 35     | 5        | 85       | 58       |
| 15090 IASI                     | 4710N    | 02738E    | 104       |           | 1002.1       | 1011.6         | 1.1         | -1.9   | 6.1            | -1.1   | 11            | 77    | 46     | 5        | 141      | 111      |
| 15120 CLUJ-NAPOCA              | 4647N    | 02334E    | 414       |           | 959.3        | 1009.4         | 3.2         | -.9    | 6.7            | .6     | 10            | 42    | 20     | 5        | 97       | 59       |
| 15247 TIMISOARA                | 4546N    | 02115E    | 88        |           | 997.9        | 1008.6         | 4.6         | -1.2   | 7.2            | .2     | 15            | 80    | 43     | 6        | 110      | 71       |
| 15260 SIBIU                    | 4548N    | 02409E    | 444       |           | 955.4        | 1009.2         | 4.3         | .5     | 6.4            | .2     | 10            | 49    | 18     | 5        | 65       | 47       |
| 15280 VARFU OMU                | 4527N    | 02527E    | 2509      |           | 738.2        | 2921 Z         | -6.1        | 1.9    | 3.9            | .8     | 13            | 75    | 8      | 4        | 78       | 58       |
| 15292 CARANSEBES               | 4525N    | 02215E    | 242       |           | 979.8        | 1009.4         | 5.0         |        | 6.9            |        | 16            | 71    |        | 4        | 79       | 55       |
| 15310 GALATI                   | 4529N    | 02802E    | 71        |           | 1002.2       | 1011.0         | 2.7         | -1.3   | 6.7            | .2     | 10            | 44    | 17     | 4        | 103      | 73       |
| 15350 BUZAU                    | 4509N    | 02649E    | 97        |           | 999.0        | 1011.2         | 2.9         |        | 6.7            |        | 11            | 84    |        | 6        | 95       | 60       |
| 15360 SULINA                   | 4510N    | 02944E    | 9         |           | 1009.1       | 1010.5         | 2.3         | -1.6   | 6.8            | -.4    | 8             | 28    | 13     | 5        | 108      | 94       |
| 15420 BUCURESTI BANEASA        | 4430N    | 02608E    | 91        |           | 999.1        | 1010.4         | 3.3         | -1.5   | 6.6            | -1.1   | 11            | 75    | 37     | 5        | 100      | 72       |

# SURFACE

# MARCH 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. |
| 15450 CRAIOVA                | 4419N    | 02352E    | 195       |           | 986.4        | 1010.2         | 3.8         | -.9    | 6.8            | -.2    | 15            | 99    | 58     | 5        | 151      | 107      |
| 15480 CONSTANTA              | 4413N    | 02839E    | 14        |           | 1008.9       | 1010.7         | 4.5         | -.1    | 7.5            | .3     | 9             | 56    | 30     | 5        | 102      | 77       |
| <b>BULGARIA</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 15502 VIDIN                  | 4359N    | 02251E    | 595       |           | 1005.5       | 1009.5         | 4.1         |        | 7.1            |        | 16            | 135   |        | 6        | 116      | 85       |
| 15552 VARNA                  | 4312N    | 02757E    | 43        |           | 1005.4       | 1010.3         | 6.2         | .6     | 7.6            | .3     | 15            | 71    | 37     | 5        | 116      | 96       |
| 15614 SOFIA (OBSERV.)        | 4239N    | 02323E    | 595       |           | 939.2        | 1009.5         | 5.7         | .9     | 6.6            | .7     | 20            | 78    | 41     | 5        | 120      | 88       |
| 15730 KURDJALI               | 4139N    | 02523E    | 331       |           | 970.2        | 1009.5         | 7.6         |        | 9.1            |        | 13            | 117   |        | 5        | 134      | 85       |
| <b>ITALY</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 16008 S. VALENTINO ALLA MUTA | 4645N    | 01032E    | 1461      |           | 840.4        |                | -1.3        |        | 4.1            |        | 8             | 26    | -2     | 3        |          |          |
| 16022 PAGANELLA              | 4609N    | 01102E    | 2129      |           | 772.3        |                | -4.3        |        | 3.9            |        | 11            | 59    | 19     | 5        | 106      |          |
| 16033 DOBBIACO               | 4644N    | 01213E    | 1226      |           | 866.4        |                | 9.0         |        | 4.7            |        | 0             | 0     | -40    | 0        |          |          |
| 16052 PIAN ROSA              | 4554N    | 00742E    | 3488      |           | 648.9        |                | -11.9       |        | 1.9            |        | 0             | 0     |        | 0        | 124      | 72       |
| 16061 BRIC DELLA CROCE       | 4502N    | 00743E    | 710       |           | 922.0        |                | 4.5         |        | 7.0            |        | 10            | 63    | 12     | 4        | 103      | 74       |
| 16088 BRESCIA/GHEDI          | 4525N    | 01017E    | 97        |           | 994.1        | 1006.0         | 7.1         |        | 7.6            |        | 13            | 97    | 34     | 5        |          |          |
| 16098 TREVISO/ISTRANA        | 4541N    | 01206E    | 42        |           | 1001.2       | 1006.0         | 7.8         |        | 8.8            |        | 14            | 119   | 50     | 5        |          |          |
| <b>16110 TRIESTE</b>         | 4539N    | 01345E    | 4         |           | 1005.4       | 1006.0         |             |        | 8.4            |        | 14            | 87    | 11     | 4        | 122      | 86       |
| <b>16134 MONTE CIMONE</b>    | 4411N    | 01042E    | 2173      |           | 768.7        |                | -2.4        |        | 4.6            |        | 11            | 40    | -13    | 3        | 86       | 72       |
| 16148 CERVIA                 | 4413N    | 01218E    | 10        |           | 1004.6       | 1006.0         | 6.5         |        | 8.2            |        | 13            | 79    | 22     | 5        | 132      |          |
| 16153 CAPO MELE              | 4357N    | 00811E    | 221       |           | 978.2        | 1005.0         | 9.0         |        | 8.9            |        | 11            | 159   | 91     | 5        | 158      | 96       |
| 16158 PISA/S. GIUSTO         | 4341N    | 01023E    | 6         |           | 1004.4       | 1005.0         | 9.4         |        | 9.5            |        | 14            | 180   | 103    | 6        | 136      | 90       |
| 16179 FRONTONE               | 4331N    | 01244E    | 574       |           | 937.4        |                | 6.2         |        | 7.2            |        | 17            | 170   | 79     | 5        |          |          |
| 16206 GROSSETO               | 4244N    | 01103E    | 7         |           | 1004.2       | 1005.0         | 9.9         |        | 9.1            |        | 13            | 78    | 22     | 4        |          |          |
| 16224 VIGNA DI VALLE         | 4205N    | 01213E    | 266       |           | 974.2        | 1006.0         | 9.2         |        | 9.5            |        | 10            | 94    | 18     | 4        | 143      | 86       |
| <b>16232 TERMOLI</b>         | 4200N    | 01500E    | 44        |           | 1000.0       | 1005.0         |             |        | 9.4            |        | 7             | 30    | 4      | 4        | 138      | 90       |
| 16245 PRATICA DI MARE        | 4139N    | 01227E    | 21        |           | 1003.2       | 1006.0         | 11.9        |        | 11.7           |        | 16            | 195   | 123    | 6        |          |          |
| 16252 CAMPOBASSO             | 4134N    | 01439E    | 807       |           | 913.4        |                | 6.4         |        | 8.1            |        | 16            | 102   | 52     | 5        | 131      | 94       |
| 16253 GRAZZANISE             | 4103N    | 01404E    | 10        |           | 1005.1       | 1006.0         | 11.3        |        | 11.3           |        | 16            | 174   | 102    | 5        | 112      | 70       |
| 16258 MONTE S. ANGELO        | 4142N    | 01557E    | 848       |           | 907.2        |                | 6.1         |        | 7.1            |        | 8             | 50    | 2      | 4        |          |          |
| 16280 PONZA                  | 4055N    | 01257E    | 185       |           | 983.1        | 1005.0         | 11.6        |        | 12.1           |        | 14            | 97    | 45     | 4        | 113      |          |
| 16310 CAPO PALINURO          | 4001N    | 01516E    | 185       |           | 985.1        | 1007.0         | 12.4        |        | 11.3           |        |               |       |        |          | 121      | 71       |
| 16325 MARINA DI GINOSA       | 4026N    | 01653E    | 12        |           | 1005.3       | 1007.0         | 12.3        |        | 11.3           |        | 8             | 48    | 5      | 4        |          |          |
| 16344 MONTE SCURO            | 3920N    | 01624E    | 1677      |           | 821.7        |                | 2.9         |        | 6.1            |        | 19            | 231   | 162    | 6        | 82       |          |
| 16360 S. MARIA DI LEUCA      | 3949N    | 01821E    | 112       |           | 993.7        | 1007.0         | 12.1        |        | 11.7           |        | 8             | 40    | -23    | 2        | 152      |          |
| 16400 USTICA                 | 3842N    | 01311E    | 243       |           | 978.6        | 1007.0         |             |        | 12.2           |        | 7             | 26    | -9     | 2        | 143      | 77       |
| 16420 MESSINA                | 3812N    | 01533E    | 54        |           | 1001.4       | 1008.0         | 14.4        |        | 11.6           |        | 14            | 155   | 72     | 5        | 162      | 95       |
| 16429 TRAPANI BIRGI          | 3755N    | 01230E    | 9         |           | 1007.3       | 1008.0         | 13.5        |        | 13.0           |        | 9             | 61    | 17     | 4        | 155      | 82       |
| 16450 ENNA                   | 3734N    | 01417E    | 1001      |           | 893.4        |                | 18.2        |        | 6.7            |        | 10            | 86    |        | 5        |          |          |
| 16459 CATANIA SIGONELLA      | 3724N    | 01455E    | 29        |           | 1005.4       | 1009.0         | 13.4        |        | 11.1           |        | 7             | 50    | 20     | 5        |          |          |
| 16480 COZZO SPADARO          | 3641N    | 01508E    | 51        |           | 1001.5       | 1007.6         | 14.7        |        | 13.5           |        | 9             | 62    | 30     | 5        | 234      |          |
| 16522 CAPO CACCIA            | 4034N    | 00810E    | 204       |           | 981.5        | 1005.7         | 11.9        |        | 11.4           |        | 15            | 100   |        | 5        | 161      | 85       |
| 16546 DECIMOMANNU            | 3921N    | 00858E    | 24        |           | 1003.7       | 1006.0         | 12.6        |        | 13.2           |        | 18            | 112   | 61     | 5        |          |          |
| <b>GREECE</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |

# SURFACE

# MARCH 2018

| STATION                        | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|--------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS<br>1 MM  | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 16622 THESSALONIKI (AIRPORT)   | 4031N    | 02258E    | 8         |           | 1008.8       | 1008.8         | 12.2        | 2.6    | 9.0            | .2     | 9             | 57    | 12     | 4        | 174      | 118      |
| <b>16641 KERKYRA (AIRPORT)</b> | 3937N    | 01955E    | 4         |           | 1008.0       | 1008.6         | 13.8        | 1.7    | 11.6           | 1.5    | 12            | 103   | 5      | 3        | 148      | 128      |
| 16648 LARISSA (AIRPORT)        | 3938N    | 02225E    | 74        |           | 1000.3       | 1008.8         | 12.2        | 2.7    | 9.1            | .4     | 6             | 26    | -10    | 2        | 181      | 115      |
| 16716 ATHINAI (AIRPORT)        | 3754N    | 02344E    | 28        |           | 1005.1       | 1010.1         | 15.5        | 3.1    | 11.0           | 1.1    | 1             | 6     | -38    | 1        | 193      | 106      |
| 16719 ZAKINTHOS AIRPORT        | 3747N    | 02054E    | 4         |           | 1010.0       | 1010.2         | 14.2        | 1.3    | 12.9           | 2.0    | 6             | 33    | -56    | 1        | 176      | 80       |
| <b>16723 SAMOS (AIRPORT)</b>   | 3742N    | 02655E    | 7         |           | 1010.1       | 1011.4         | 15.6        | 3.4    | 13.3           | 3.0    | 1             | 15    | -70    | 2        |          |          |
| 16726 KALAMATA (AIRPORT)       | 3704N    | 02201E    | 8         |           | 1010.4       | 1011.0         | 13.9        | 1.5    | 10.9           | .8     | 7             | 33    | -39    | 1        | 194      | 105      |
| <b>16746 SOUDA (AIRPORT)</b>   | 3529N    | 02407E    | 151       |           | 992.8        | 1010.7         | 16.0        | 3.4    | 12.5           | 2.2    | 2             | 15    | -65    | 1        | 225      | 127      |
| 16754 HERAKLION (AIRPORT)      | 3520N    | 02511E    | 39        |           | 1006.7       | 1011.4         | 16.5        | 2.9    | 12.1           | 1.7    | 2             | 8     | -49    | 1        | 189      | 107      |
| <b>TURKEY</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 17022 ZONGULDAK                | 4127N    | 03148E    | 137       |           | 994.6        | 1010.7         | 11.2        | 3.7    | 9.1            | 2.2    | 16            | 166   | 77     | 0        | 89       | 70       |
| 17026 SINOP                    | 4202N    | 03510E    | 32        |           | 1006.8       | 1010.6         | 9.6         |        | 9.6            |        | 15            | 113   |        | 0        | 70       | 55       |
| 17030 SAMSUN                   | 4117N    | 03618E    | 4         |           | 1011.7       | 1012.1         | 11.5        | 3.5    | 9.2            | 1.0    | 13            | 119   | 64     | 0        | 91       | 105      |
| 17034 GIRE SUN                 | 4055N    | 03823E    | 37        |           | 1008.6       | 1013.2         | 11.9        | 3.8    | 9.2            | 1.3    | 15            | 129   | 41     | 0        |          |          |
| <b>17040 RIZE</b>              | 4102N    | 04031E    | 9         |           | 1012.2       | 1012.5         | 12.1        | 4.2    | 10.6           | 2.6    | 15            | 193   | 46     | 0        | 115      | 100      |
| 17045 ARTVIN                   | 4111N    | 04149E    | 628       |           | 941.1        | 1012.2         | 11.0        |        | 7.1            |        | 9             | 45    |        | 0        | 123      | 80       |
| 17050 EDIRNE                   | 4140N    | 02634E    | 51        |           | 1003.0       | 1009.1         | 9.5         | 1.9    | 9.3            | 1.6    | 19            | 148   | 93     | 0        | 115      | 80       |
| 17056 TEKIRDAG                 | 4059N    | 02733E    | 3         |           | 1010.3       | 1010.7         | 9.9         |        | 10.2           |        | 14            | 77    |        | 0        | 104      | 85       |
| 17064 ISTANBUL BOLGE (KARTAL)  | 4054N    | 02909E    | 99        |           | 1008.1       | 1010.2         | 11.5        |        | 9.9            |        | 16            | 103   |        | 0        |          |          |
| 17069 ADAPAZARI                | 4047N    | 03025E    | 30        |           | 1006.6       | 1010.2         | 12.4        |        | 10.2           |        | 16            | 114   |        | 0        | 119      | 100      |
| 17070 BOLU                     | 4044N    | 03136E    | 743       |           | 925.0        | 1011.2         | 8.3         |        | 7.1            |        | 15            | 102   |        | 0        | 102      | 75       |
| <b>17074 KASTAMONU</b>         | 4122N    | 03347E    | 800       |           | 918.6        | 1011.3         | 7.5         | 2.9    | 7.7            | 1.9    | 13            | 106   | 74     | 0        | 104      | 65       |
| 17080 CANKIRI                  | 4036N    | 03337E    | 751       |           | 924.2        | 1011.4         | 9.2         |        | 7.8            |        | 12            | 58    |        | 0        | 155      | 100      |
| 17084 CORUM                    | 4033N    | 03457E    | 776       |           | 922.2        | 1011.7         | 9.2         | 4.0    | 8.3            | 2.4    | 12            | 79    | 43     | 0        | 130      | 75       |
| 17086 TOKAT                    | 4018N    | 03634E    | 608       |           | 940.8        | 1011.4         | 11.9        |        | 7.3            |        | 13            | 80    |        | 0        | 138      | 80       |
| 17088 GUMUSHANE                | 4028N    | 03928E    | 1219      |           | 877.1        | 1013.7         | 8.7         |        | 5.6            |        | 11            | 66    |        | 0        | 130      | 75       |
| <b>17090 SIVAS</b>             | 3945N    | 03701E    | 1285      |           | 868.7        | 1013.3         | 8.6         | 5.6    | 6.1            | .9     | 12            | 70    | 24     | 0        | 139      | 90       |
| 17092 ERZINCAN                 | 3942N    | 03931E    | 1154      |           | 876.5        | 1012.4         | 9.8         | 5.6    | 5.7            | .4     | 9             | 62    | 23     | 0        | 122      | 75       |
| 17096 ERZURUM                  | 3957N    | 04110E    | 1758      |           | 821.1        | 1013.7         | 4.9         | 6.5    | 5.5            | 1.3    | 9             | 40    | 11     | 0        | 173      | 105      |
| 17098 KARS                     | 4033N    | 04305E    | 1795      |           | 818.8        | 1013.4         | 4.7         | 7.2    | 4.7            | .7     | 8             | 49    | 23     | 0        | 160      | 100      |
| 17099 AGRI                     | 3944N    | 04303E    | 1632      |           | 833.2        | 1014.4         | 6.0         |        | 5.8            |        | 13            | 85    |        | 0        | 135      | 95       |
| 17112 CANAKKALE                | 4008N    | 02624E    | 6         |           | 1009.0       | 1009.7         | 12.0        | 3.7    | 10.6           | 1.9    | 13            | 58    | -3     | 0        | 20       | 10       |
| 17116 BURSA                    | 4011N    | 02904E    | 100       |           | 998.0        | 1009.9         | 13.2        | 4.8    | 10.2           | 2.3    | 14            | 125   | 61     | 0        | 112      | 85       |
| 17130 ANKARA/CENTRAL           | 3957N    | 03253E    | 891       |           | 909.6        | 1011.3         | 10.0        | 3.9    | 7.3            | 1.4    | 14            | 85    | 49     | 0        | 122      | 70       |
| 17140 YOZGAT                   | 3949N    | 03448E    | 1298      |           | 866.1        | 1011.6         | 7.5         |        | 6.5            |        | 14            | 148   |        | 0        | 120      | 75       |
| 17150 BALIKESIR                | 3937N    | 02755E    | 103       |           | 999.1        | 1011.5         | 11.8        | 3.4    | 10.2           | 1.9    | 15            | 101   | 46     | 0        | 161      | 110      |
| 17155 KUTAHYA                  | 3925N    | 02958E    | 969       |           | 900.9        | 1011.0         | 9.8         |        | 7.6            |        | 13            | 91    |        | 0        | 161      | 115      |
| 17160 KIRSEHIR                 | 3909N    | 03410E    | 1007      |           | 897.2        | 1011.3         | 9.6         |        | 7.4            |        | 13            | 88    |        | 0        | 141      | 85       |
| <b>17170 VAN</b>               | 3827N    | 04319E    | 1669      |           | 831.1        | 1013.7         | 8.2         | 7.1    | 5.2            | .6     | 6             | 37    | -5     | 0        | 211      | 115      |
| 17188 USAK                     | 3841N    | 02924E    | 919       |           | 906.6        | 1011.5         | 9.3         | 3.0    | 7.4            | .8     |               |       |        |          |          |          |
| 17190 AFYON                    | 3845N    | 03032E    | 1034      |           | 893.7        | 1010.5         | 9.9         | 4.6    | 6.5            | .5     | 7             | 50    | 11     | 0        | 151      | 85       |
| 17193 NEVSEHIR                 | 3837N    | 03442E    | 1260      |           | 872.2        | 1012.5         | 10.0        |        | 6.1            |        | 10            | 57    |        | 0        | 157      | 95       |
| 17199 MALATYA/BOLGE            | 3821N    | 03819E    | 948       |           | 905.6        | 1013.0         | 12.0        |        | 6.9            |        | 6             | 27    |        | 0        | 120      | 70       |
| 17202 ELAZIG                   | 3836N    | 03917E    | 902       |           | 901.5        | 1013.3         | 11.2        |        | 6.7            |        | 5             | 38    |        | 0        | 203      | 120      |
| 17203 BINGOL                   | 3852N    | 04030E    | 1177      |           | 885.6        | 1018.0         | 10.3        |        | 6.9            |        | 10            | 72    |        | 0        | 154      | 90       |

# SURFACE

# MARCH 2018

| STATION                               | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|---------------------------------------|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|                                       |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUINTILE | TOTAL    | % of AV. |
| 17204 MUS                             | 3844N    | 04131E    | 1320      |           | 867.3        | 1014.4         | 9.4         |        | 6.0            |        | 9             | 61    |        | 0        | 158      | 105      |
| 17210 SIIRT                           | 3755N    | 04157E    | 896       |           | 912.4        | 1013.4         | 13.7        | 5.4    | 8.0            | 1.6    | 6             | 47    | -55    | 0        | 182      | 105      |
| 17220 IZMIR/GUZELYALI                 | 3826N    | 02710E    | 29        |           | 1007.2       | 1010.6         | 16.0        | 4.4    | 10.4           | 1.2    | 7             | 52    | -24    | 0        | 186      | 90       |
| 17234 AYDIN                           | 3751N    | 02751E    | 56        |           | 1005.0       | 1011.6         | 15.1        |        | 10.6           |        | 9             | 90    |        | 0        | 147      | 75       |
| 17237 DENIZLI                         | 3747N    | 02905E    | 425       |           | 961.4        | 1010.7         | 14.0        |        | 8.7            |        | 8             | 72    |        | 0        | 142      | 80       |
| <b>17240 ISPARTA</b>                  | 3745N    | 03033E    | 997       |           | 899.8        | 1013.2         | 9.2         | 3.2    | 7.2            | 1.1    | 8             | 69    | 15     | 0        | 147      | 80       |
| 17244 KONYA                           | 3758N    | 03233E    | 1032      |           | 895.5        | 1012.0         | 10.0        | 4.1    | 6.8            | .8     | 5             | 28    | 0      | 0        |          |          |
| 17250 NIGDE                           | 3758N    | 03441E    | 1210      |           | 877.0        | 1011.9         | 10.6        | 5.5    | 5.4            | .0     | 8             | 51    | 18     | 0        | 192      | 105      |
| 17255 KAHRAMANMARAS                   | 3736N    | 03656E    | 572       |           | 947.4        | 1013.3         | 14.2        | 3.9    | 9.1            | 1.6    | 6             | 59    | -37    | 0        | 180      | 95       |
| 17260 GAZIANTEP                       | 3705N    | 03722E    | 705       |           | 916.3        | 1013.2         | 12.7        |        | 8.1            |        | 6             | 32    |        | 0        | 193      | 105      |
| 17265 ADIYAMAN                        | 3745N    | 03817E    | 672       |           | 936.7        | 1013.7         | 13.8        |        | 8.5            |        | 4             | 18    |        | 0        | 143      | 75       |
| 17270 SANLIURFA                       | 3708N    | 03846E    | 549       |           | 949.9        | 1013.0         | 15.5        | 4.8    | 8.7            | -.9    | 1             | 13    | -58    | 0        | 209      | 100      |
| 17280 DIYARBAKIR                      | 3753N    | 04012E    | 687       |           | 935.8        | 1013.5         | 12.4        | 3.8    | 8.8            | 1.4    | 5             | 13    | -57    | 0        | 250      | 140      |
| 17282 BATMAN                          | 3753N    | 04107E    | 545       |           | 943.1        | 1013.5         | 12.5        |        | 8.9            |        | 3             | 41    |        | 0        | 188      | 95       |
| 17285 HAKKARI                         | 3734N    | 04346E    | 1728      |           | 825.4        | 1012.4         | 8.8         | 6.9    | 5.0            | .4     | 7             | 87    | -44    | 0        | 195      | 105      |
| 17292 MUGLA                           | 3713N    | 02822E    | 646       |           | 937.6        | 1012.4         | 10.9        | 2.4    | 8.9            | 1.2    | 10            | 103   | -18    | 0        | 107      | 55       |
| 17300 ANTALYA                         | 3652N    | 03044E    | 64        |           | 1006.3       | 1011.8         | 16.1        | 3.4    | 11.6           | 1.6    | 4             | 158   | 57     | 0        |          |          |
| 17340 MERSIN                          | 3648N    | 03438E    | 3         |           | 1012.5       | 1013.2         | 17.6        | 4.5    | 11.8           | .5     | 1             | 15    | -42    | 0        | 210      | 100      |
| 17351 ADANA/BOLGE                     | 3659N    | 03521E    | 27        |           | 1010.2       | 1012.9         | 16.8        |        | 12.7           |        | 3             | 34    |        | 0        | 210      | 110      |
| 17370 ISKENDERUN                      | 3635N    | 03610E    | 4         |           | 1013.1       | 1013.5         | 18.4        |        | 1.3            |        | 8             | 41    |        | 0        | 213      | 110      |
| <b>17375 FINIKE</b>                   | 3618N    | 03009E    | 2         |           | 1011.8       | 1012.0         | 16.1        |        | 11.5           |        | 5             | 95    |        | 0        | 209      | 95       |
| <b>RUSSIAN FEDERATION (EUROPE)</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 22113 MURMANSK                        | 6858N    | 03303E    | 51        |           | 1002.8       | 1009.3         | -8.0        | -1.5   | 3.1            | -2     | 16            | 50    | 31     | 5        | 67       |          |
| <b>22165 KANIN NOS</b>                | 6839N    | 04318E    | 49        |           | 1001.3       | 1007.6         | -10.0       | -2.3   |                |        | 2             | 27    | 0      | 0        | 47       |          |
| <b>22217 KANDALAKSHA</b>              | 6709N    | 03221E    | 25        |           | 1007.2       | 1010.5         | -9.8        | -2.1   | 2.5            | -.7    | 6             | 16    | -12    | 5        | 170      |          |
| 22235 KRASNOSCEL'E                    | 6721N    | 03703E    | 156       |           | 989.3        | 1010.0         | -13.1       |        | 2.0            |        | 6             | 16    |        |          | 194      |          |
| 22471 MEZEN'                          | 6552N    | 04413E    | 19        |           | 1006.5       | 1009.0         | -12.9       |        | 2.1            |        |               | 17    |        | 3        | 161      |          |
| 22520 KEM'-PORT                       | 6459N    | 03448E    | 8         |           | 1009.2       | 1010.2         | -9.4        |        | 2.5            |        | 7             | 19    |        | 3        | 199      |          |
| <b>22550 ARHANGEL'SK</b>              | 6433N    | 04035E    | 4         |           | 1009.1       | 1010.2         | -12.0       | -6.0   | 2.2            | -1.2   | 9             | 46    | 19     | 5        | 174      |          |
| 22619 PADANY                          | 6316N    | 03325E    | 128       |           | 994.3        | 1011.1         | -9.6        |        | 2.5            |        | 9             | 48    |        | 5        | 161      |          |
| 22641 ONEGA                           | 6354N    | 03807E    | 13        |           | 1009.0       | 1010.6         | -10.7       | -5.0   | 2.3            | -1.2   | 8             | 44    | 15     | 5        | 196      |          |
| 22676 SURA                            | 6335N    | 04538E    | 62        |           | 1001.4       | 1009.7         | -12.9       |        | 2.1            |        | 9             | 44    |        | 5        |          |          |
| 22768 SHENKURSK                       | 6206N    | 04254E    | 45        |           | 1005.5       | 1010.9         | -10.7       |        | 2.3            |        | 9             | 33    |        | 4        | 179      |          |
| <b>22802 SORTAVALA</b>                | 6143N    | 03043E    | 19        |           | 1009.0       | 1011.4         | -7.3        | -2.8   | 2.7            | -1.1   | 7             | 30    | -3     | 3        | 161      | 131      |
| 22820 PETROZAVODSK                    | 6149N    | 03416E    | 110       |           | 997.1        | 1011.2         | -8.2        | -3.8   | 2.8            | -.9    | 9             | 41    | 9      | 4        | 158      | 134      |
| <b>22837 VYTEGRA</b>                  | 6101N    | 03627E    | 56        |           | 1004.2       | 1011.6         | -8.8        | -4.2   | 2.5            | -1.3   | 8             | 28    | -4     | 3        | 170      | 143      |
| <b>26063 ST.PETERSBURG (VOEJKOVO)</b> | 5958N    | 03018E    | 6         |           | 1010.8       | 1011.6         | -4.4        | -2.2   | 3.4            | -.9    | 9             | 36    | 2      | 5        | 124      | 99       |
| 26157 GDOV                            | 5844N    | 02750E    | 40        |           | 1006.7       | 1011.9         | -4.0        |        | 3.6            |        | 4             | 20    |        |          |          |          |
| 26275 STARAYA RUSSA                   | 5801N    | 03119E    | 25        |           | 1009.0       | 1012.2         | -4.3        |        | 3.4            |        | 7             | 16    |        |          | 137      | 100      |
| 26359 PUSKINSKIE GORY                 | 5701N    | 02854E    | 108       |           | 999.1        | 1011.9         | -3.3        |        | 3.5            |        | 4             | 12    |        |          |          |          |
| <b>26781 SMOLENSK</b>                 | 5445N    | 03204E    | 239       |           | 982.6        | 1012.7         | -4.4        | -1.5   | 3.3            | -1.0   | 8             | 27    | -17    |          | 114      | 93       |
| 26997 TRUBCHEVSK                      | 5235N    | 03346E    | 178       |           | 990.4        | 1013.1         | -4.9        |        | 3.2            |        | 14            | 51    |        | 4        |          |          |
| 27037 VOLOGDA                         | 5919N    | 03955E    | 130       |           | 996.1        | 1013.0         | -10.0       | -5.4   | 2.1            | -1.6   | 5             | 9     | -17    | 1        | 196      | 146      |
| <b>27051 TOT'MA</b>                   | 5953N    | 04245E    | 134       |           | 994.8        | 1012.3         | -10.3       | -5.0   | 2.2            | -1.4   | 5             | 24    | -8     | 3        | 151      | 123      |
| 27333 KOSTROMA                        | 5744N    | 04047E    | 126       |           | 997.4        | 1013.7         | -7.5        | -3.5   | 2.3            | -1.5   | 6             | 22    | -6     | 3        | 178      | 135      |



# SURFACE

# MARCH 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. |
| 27459 NIZHNIJ NOVGOROD            | 5616N    | 04400E    | 157       |           | 994.3        | 1014.6         | -7.4        |        | 2.3            |        | 9             | 32    |        | 4        | 220      | 150      |
| <b>27595 KAZAN'</b>               | 5536N    | 04917E    | 116       |           | 1000.5       | 1015.9         | -8.2        | -3.2   | 2.3            | -1.3   | 8             | 38    | 12     | 4        | 196      | 131      |
| <b>27612 MOSKVA</b>               | 5550N    | 03737E    | 156       |           | 994.0        | 1013.9         | -5.1        | -2.9   | 2.7            | -1.4   | 7             | 31    | -3     |          |          |          |
| <b>27648 ELAT'MA</b>              | 5457N    | 04146E    | 136       |           | 997.8        | 1015.2         | -7.7        | -3.7   | 2.4            | -1.4   | 7             | 31    | 1      | 4        | 178      | 127      |
| 27675 PORETSKOE                   | 5511N    | 04620E    | 136       |           | 998.2        | 1016.0         | -9.6        |        | 2.2            |        | 6             | 18    |        | 3        | 201      | 145      |
| 27707 SUHINICHI                   | 5406N    | 03521E    | 238       |           | 983.5        | 1013.7         | -5.9        |        | 2.9            |        | 8             |       |        |          |          |          |
| 27823 PAVELETS                    | 5347N    | 03915E    | 209       |           | 988.2        | 1015.1         | -8.0        | -3.7   | 2.6            | -1.5   | 7             | 33    | 6      | 4        | 166      | 124      |
| 27857 ZAMETCHINO                  | 5329N    | 04238E    | 131       |           | 999.3        | 1016.3         | -8.9        |        | 2.7            |        | 9             | 46    |        | 4        | 168      | 125      |
| 27995 SAMARA (BEZENCHUK)          | 5259N    | 04926E    | 46        |           | 1011.5       | 1017.9         | -10.0       |        | 2.7            |        | 9             | 45    |        | 5        | 189      | 170      |
| 34110 BOGORODITSKOE-FENINO        | 5110N    | 03721E    | 226       |           | 985.2        | 1014.1         | -6.1        |        | 3.2            |        |               |       |        |          |          |          |
| 34123 VORONEZ                     | 5142N    | 03913E    | 149       |           | 995.5        | 1014.6         | -5.9        |        |                |        |               |       |        |          |          |          |
| 34152 BALASHOV                    | 5133N    | 04309E    | 159       |           | 995.9        | 1016.4         | -7.2        |        | 3.1            |        | 12            | 67    |        | 5        |          |          |
| <b>34163 OKTJABR'SKIJ GORODOK</b> | 5138N    | 04527E    | 201       |           | 991.4        | 1017.5         | -9.2        |        | 2.8            |        | 12            | 56    |        | 6        | 164      | 116      |
| 34186 ERSHOV                      | 5122N    | 04818E    | 111       |           | 1003.4       | 1017.9         | -9.5        |        | 2.9            |        | 8             | 30    |        | 4        | 186      | 110      |
| 34579 VERHNIJ BASKUNCHAK          | 4813N    | 04644E    | 34        |           | 1012.3       | 1016.9         | -3.5        |        | 4.2            |        | 10            | 39    |        | 5        |          |          |
| 34720 TAGANROG                    | 4712N    | 03854E    | 32        |           | 1009.4       | 1013.4         | .8          |        | 5.8            |        | 14            | 78    |        |          | 95       | 75       |
| 34740 GIGANT                      | 4631N    | 04121E    | 79        |           | 1004.3       | 1014.1         | 1.8         |        | 6.4            |        | 11            | 67    |        | 5        | 77       | 50       |
| <b>34866 YASHKUL'</b>             | 4611N    | 04521E    | -7        |           | 1016.6       | 1015.8         | 1.6         | .0     | 5.9            | .4     | 10            | 39    | 27     |          |          |          |
| 34880 ASTRAHAN'                   | 4617N    | 04759E    | -21       |           | 1019.0       | 1016.3         | 1.0         | -3     | 5.2            | .1     | 6             | 17    | 1      | 4        |          |          |
| 34949 STAVROPOL'                  | 4507N    | 04205E    | 452       |           | 599.4        | 1014.1         | 3.5         |        | 6.6            |        | 18            | 88    |        |          | 93       |          |
| 37001 ANAPA                       | 4453N    | 03717E    | 32        |           | 1008.2       | 1012.2         | 7.1         |        | 8.2            |        | 10            | 65    |        | 5        | 94       | 60       |
| 37061 BUDENNOVSK                  | 4447N    | 04408E    | 136       |           | 998.5        | 1015.4         | 3.7         |        | 6.8            |        | 11            | 60    |        |          | 87       |          |
| 37107 KRASNAYA POLYANA            | 4341N    | 04012E    | 569       |           | 946.3        | 1013.1         | 7.7         |        | 8.4            |        | 20            | 309   |        | 5        | 86       | 70       |
| 37126 SHADZHATMAZ                 | 4344N    | 04240E    | 2056      |           | 787.2        | 1043.7         | -1          |        | 4.3            |        | 13            | 60    |        |          | 115      |          |
| 37228 VLADIKAVKAZ                 | 4303N    | 04439E    | 703       |           | 930.8        | 1014.0         | 5.0         |        | 6.4            |        | 12            | 93    |        | 6        | 100      | 90       |
| 37470 DERBENT                     | 4204N    | 04818E    | -18       |           | 1017.0       | 1014.7         | 6.2         |        | 8.0            |        | 9             | 60    |        | 5        | 53       | 40       |
| 37472 MAHACHKALA                  | 4250N    | 04733E    | 32        |           | 1016.8       | 1014.5         | 5.7         | 1.6    | 4.7            | -2.2   | 24            | 39    | 16     | 1        | 101      | 96       |
| 37663 AHTY                        | 4128N    | 04745E    | 1015      |           | 896.3        | 1043.1         | 7.0         |        | 6.1            |        | 10            | 62    |        | 6        | 172      | 90       |
| <b>ARMENIA</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 37682 AMASIA                      | 4047N    | 04350E    | 1876      |           | 809.2        | 1480 Y         | 3.0         |        | 7.0            |        | 14            | 117   |        | 6        | 121      | 75       |
| 37717 SEVAN OZERO                 | 4034N    | 04500E    | 1917      |           | 804.6        | 1465 Y         | 4.3         |        | 6.0            |        | 12            | 71    |        | 5        | 165      | 85       |
| 37781 ARAGAC H/M                  | 4029N    | 04411E    | 3223      |           | 684.1        | 3090 Z         | -6.8        |        | 3.2            |        | 11            | 42    |        | 1        | 54       | 30       |
| 37789 YEREVAN/YEREVAN-ARABKIR     | 4008N    | 04428E    | 1140      |           | 887.6        | 1432 Y         | 11.3        | 5.5    | 8.4            | 2.9    | 6             | 43    | 11     | 4        |          |          |
| <b>AZERBAIJAN</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 37661 SHAKI                       | 4113N    | 04710E    | 641       |           | 940.0        | 1014.7         | 9.5         | 4.6    | 8.4            | 2.1    |               | 158   | 96     |          |          |          |
| 37735 GANDJA                      | 4043N    | 04625E    | 311       |           | 977.3        | 1014.3         | 10.7        | 4.5    | 8.9            | 2.5    | 7             | 40    | 8      |          | 129      |          |
| 37747 EVLAKH AIRPORT              | 4037N    | 04709E    | 15        |           | 1012.5       | 1014.3         | 11.0        | 3.7    | 9.4            | 1.8    | 7             | 78    | 56     |          | 97       | 75       |
| 37860 MASHTAGA                    | 4032N    | 05000E    | 28        |           | 1011.9       | 1015.3         | 7.7         | 2.4    | 8.3            | .7     | 7             | 24    | -1     | 2        | 83       | 72       |
| 37936 NAXCIVAN                    | 3912N    | 04525E    | 885       |           | 912.9        | 1013.7         | 11.6        | 6.2    | 8.8            | 3.4    | 6             | 40    | 11     |          |          |          |
| <b>37989 ASTARA</b>               | 3827N    | 04853E    | -22       |           | 1017.5       | 1014.9         | 9.8         | 3.1    | 11.0           | 2.0    | 6             | 40    | -59    |          | 85       | 77       |
| <b>BELARUS</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |

# SURFACE

# MARCH 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. |
| 26554 VERHNEDVINSK         | 5549N    | 02757E    | 132       |           | 994.8        | 1011.6         | -2.9        |        | 3.6            |        | 5             | 18    |        | 1        | 141      |          |
| 26666 VITEBSK              | 5510N    | 03013E    | 176       |           | 990.0        | 1012.2         | -3.3        | -1.2   | 3.4            | -1.0   | 8             | 29    | -10    | 2        |          |          |
| 26825 GRODNO               | 5336N    | 02403E    | 134       |           | 991.6        | 1010.3         | -1.5        |        | 4.6            |        | 7             | 20    |        | 2        |          |          |
| 26850 MINSK                | 5356N    | 02738E    | 231       |           | 983.5        | 1011.9         | -2.6        | -1.2   | 3.9            | -7     | 11            | 46    | 4      | 4        | 118      | 92       |
| 26863 MOGILEV              | 5357N    | 03004E    | 192       |           | 987.8        | 1012.2         | -4.2        | -2.3   | 3.8            | -8     | 12            | 48    | 12     | 4        |          |          |
| 26941 BARANOVICHI          | 5307N    | 02600E    | 193       |           | 986.7        | 1011.1         | -1.7        |        | 4.1            |        | 8             | 18    |        | 1        |          |          |
| 26951 SLUTSK               | 5302N    | 02733E    | 162       |           | 991.0        | 1011.4         | -2.1        |        | 4.3            |        | 13            | 41    |        | 4        |          |          |
| 33008 BREST                | 5207N    | 02341E    | 146       |           | 992.5        | 1010.8         | -2          | -1.3   | 4.8            | -5     | 5             | 24    | -7     | 2        | 114      | 86       |
| 33019 PINSK                | 5207N    | 02607E    | 142       |           | 993.1        | 1010.9         | -1.0        |        | 4.6            |        | 10            | 37    |        | 4        | 112      | 85       |
| 33036 MOZYR                | 5157N    | 02910E    | 190       |           | 987.9        | 1011.7         | -2.6        |        | 4.0            |        | 13            | 74    |        | 6        |          |          |
| <b>33038 VASILEVICHI</b>   | 5215N    | 02950E    | 142       |           | 994.1        | 1012.1         | -2.8        | -2.4   | 3.8            | -1.3   | 13            | 67    | 34     | 5        | 112      | 88       |
| 33041 GOMEL                | 5224N    | 03057E    | 126       |           | 996.1        | 1012.0         | -2.9        | -2.1   | 3.7            | -1.1   | 11            | 58    | 26     | 5        | 133      | 102      |
| <b>ESTONIA</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 26038 TALLINN              | 5923N    | 02435E    | 34        |           | 1007.1       | 1011.4         | -3.1        | -9     | 3.9            | -6     | 7             | 23    | -6     | 3        | 182      | 144      |
| 26214 VILSANDI             | 5823N    | 02149E    | 6         |           | 1010.3       | 1011.0         | -1.7        | -7     | 4.4            | -5     | 5             | 19    | -11    | 2        | 152      | 113      |
| <b>26242 TARTU</b>         | 5818N    | 02644E    | 68        |           | 1002.5       | 1011.5         | -3.6        | -1.2   | 3.5            | -8     | 5             | 20    | -6     | 2        | 156      | 117      |
| <b>GEORGIA</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 37395 KUTAISI              | 4216N    | 04238E    | 114       |           | 1000.1       | 1013.6         | 12.6        |        | 10.9           |        | 3             | 142   |        | 2        |          |          |
| 37545 TBILISI              | 4145N    | 04446E    | 427       |           | 963.7        | 1014.3         | 10.2        |        | 8.8            |        | 5             | 22    |        | 0        |          |          |
| 37621 BOLNISI              | 4127N    | 04433E    | 534       |           | 951.2        | 1014.4         | 9.3         |        | 7.3            |        |               | 27    |        | 2        |          |          |
| <b>KAZAKHSTAN</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 34398 ZHALPAKTAL           | 4940N    | 04929E    | 10        |           | 1016.5       | 1017.6         | -7.8        | -4.0   | 3.3            | -9     | 9             | 41    | 24     |          | 180      | 122      |
| 34691 NOVYJ USHTOGAN       | 4754N    | 04848E    | -10       |           | 1017.5       | 1016.2         | -2.2        |        | 4.0            |        | 6             | 24    |        |          |          |          |
| <b>LATVIA</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>26406 LIEPAJA</b>       | 5629N    | 02101E    | 7         |           | 1010.3       | 1010.9         | -1.6        | -1.4   | 4.6            | -6     | 6             | 15    | -21    |          | 157      | 121      |
| 26424 DOBELE               | 5637N    | 02319E    | 44        |           | 1005.7       | 1011.1         | -2.2        |        | 4.2            |        | 5             | 14    |        |          | 153      | 115      |
| 26544 DAUGAVPILS           | 5552N    | 02637E    | 122       |           | 999.0        | 1011.6         | -2.5        | -7     | 3.8            | -7     | 3             | 10    | -24    |          | 152      | 124      |
| <b>LITHUANIA</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 26509 KLAIPEDA             | 5544N    | 02104E    | 7         |           | 1009.8       | 1010.7         | -1.0        | -1.3   | 4.6            | -7     | 5             | 19    | -20    |          | 169      | 139      |
| 26524 SIAULIAI             | 5556N    | 02319E    | 107       |           | 997.5        | 1011.2         | -2.1        | -1.1   | 4.2            | -6     | 3             | 13    | -19    |          | 142      | 114      |
| 26531 BIRZAI               | 5612N    | 02446E    | 62        |           | 1003.4       | 1011.2         | -2.3        | -1.1   | 4.2            | -5     | 3             | 17    | -17    |          | 172      |          |
| 26629 KAUNAS               | 5453N    | 02350E    | 77        |           | 1001.2       | 1011.0         | -1.8        | -1.4   | 4.3            | -7     | 8             | 23    | -12    |          | 168      | 131      |
| 26730 VILNIUS              | 5438N    | 02506E    | 162       |           | 991.6        | 1011.3         | -2.1        | -1.5   | 3.9            | -9     | 8             | 21    | -18    |          | 155      | 132      |
| <b>REPUBLIC OF MOLDOVA</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 33748 CORNESTI             | 4720N    | 02805E    | 232       |           | 982.3        | 1011.2         | .9          |        | 6.0            |        | 12            | 108   |        | 6        |          |          |
| 33815 CHISINAU             | 4701N    | 02859E    | 173       |           | 989.4        | 1010.6         | .8          | -2.0   | 5.5            | -2     | 15            | 103   | 68     | 6        | 127      | 102      |

# SURFACE

# MARCH 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. |
| 33829 TIRASPOL                | 4654N    | 02936E    | 40        |           | 1006.4       | 1011.6         | 1.0         |        | 6.0            |        | 17            | 91    |        | 6        | 113      | 90       |
| 33883 KOMRAT                  | 4618N    | 02838E    | 133       |           | 993.9        | 1010.7         | 1.9         |        | 6.1            |        | 15            | 76    |        | 5        |          |          |
| <b>UKRAINE</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 33177 VOLODYMYR-VOLYNS'KYI    | 5050N    | 02419E    | 194       |           | 986.1        | 1010.5         | -1.1        |        | 5.1            |        | 10            | 43    |        | 4        |          |          |
| 33213 OVRUCH                  | 5119N    | 02847E    | 170       |           | 989.9        | 1011.3         | -2.2        | -2.1   | 4.4            |        | 15            | 74    | 40     | 5        |          |          |
| 33275 SUMY                    | 5051N    | 03440E    | 181       |           | 989.7        | 1012.9         | -4.4        | -3.3   | 3.6            |        | 12            | 67    | 29     | 5        |          |          |
| 33301 RIVNE                   | 5035N    | 02608E    | 231       |           | 981.9        | 1010.8         | -1.8        | -2.1   | 4.9            |        | 9             | 35    | 9      | 4        |          |          |
| <b>33317 SHEPETIVKA</b>       | 5010N    | 02702E    | 278       |           | 976.3        | 1010.7         | -1.4        |        | 5.0            |        | 14            | 58    |        | 5        | 123      | 95       |
| 33345 KIEV                    | 5024N    | 03034E    | 167       |           | 990.4        | 1011.5         | -1.9        | -2.6   | 4.5            | -6     | 15            | 81    | 42     | 5        |          |          |
| <b>33377 LUBNY</b>            | 5000N    | 03301E    | 158       |           | 992.1        | 1012.1         | -2.6        | -2.5   | 4.2            |        | 18            | 110   | 68     | 6        |          |          |
| 33393 L'VIV                   | 4949N    | 02357E    | 323       |           | 970.4        | 1010.3         | -7          | -1.9   | 4.9            | -5     | 9             | 48    | 5      | 4        | 121      | 108      |
| 33415 TERNOPIL'               | 4932N    | 02540E    | 329       |           | 970.2        | 1010.9         | -1.5        | -1.5   | 5.1            |        | 9             | 35    | 3      | 3        |          |          |
| 33429 KHMEL'NYTS'KYI          | 4926N    | 02659E    | 350       |           | 967.6        | 1010.9         | -1.4        | -1.8   | 5.0            |        | 11            | 52    | 20     | 5        |          |          |
| 33506 POLTAVA                 | 4936N    | 03433E    | 160       |           | 992.1        | 1012.3         | -2.8        | -2.7   | 4.5            | -6     | 16            | 104   | 69     | 6        | 95       | 72       |
| 33526 IVANO-FRANKIVS'K        | 4858N    | 02424E    | 280       |           | 976.0        | 1010.6         | -7          | -2.1   | 5.4            |        | 10            | 52    | 18     | 5        |          |          |
| 33562 VINNYTSIA               | 4914N    | 02836E    | 298       |           | 974.2        | 1011.2         | -1.9        | -2.1   | 4.9            | -2     | 12            | 57    | 23     | 5        | 119      | 104      |
| <b>33587 UMAN'</b>            | 4846N    | 03014E    | 216       |           | 920.1        | 1011.5         | -1.5        | -1.9   | 4.8            | -5     | 13            | 66    | 28     | 5        |          |          |
| 33631 UZHGOROD                | 4838N    | 02216E    | 124       |           | 994.5        | 1009.4         | 3.0         | -1.7   | 5.9            | -1     | 13            | 52    | 4      | 3        | 115      | 81       |
| 33658 CHERNIVTSI              | 4822N    | 02554E    | 246       |           | 980.2        | 1010.8         | -2          | -1.9   | 5.6            | .1     | 9             | 74    | 38     | 5        | 110      | 89       |
| 33711 KIROVOHRAD              | 4831N    | 03212E    | 171       |           | 990.1        | 1011.6         | -1.5        | -2.0   | 4.9            |        | 15            | 71    | 44     | 6        |          |          |
| 33761 LIUBASHIVKA             | 4751N    | 03016E    | 183       |           | 988.5        | 1011.3         | -1.1        | -2.2   | 5.4            |        | 19            | 89    | 56     | 5        |          |          |
| 33777 VOZNESENS'K             | 4734N    | 03120E    | 34        |           | 1007.3       | 1011.6         | .3          |        | 5.6            |        | 18            | 92    |        | 5        |          |          |
| 33791 KRYVYI RIH              | 4802N    | 03313E    | 124       |           | 995.9        | 1011.4         | -1.3        | -2.6   | 5.0            |        | 15            | 85    | 57     | 6        | 102      | 85       |
| 33837 ODESA                   | 4626N    | 03046E    | 42        |           | 1006.1       | 1011.4         | 1.2         | -1.4   | 6.2            | .1     | 16            | 91    | 60     | 5        | 88       | 70       |
| 33889 IZMAIL                  | 4522N    | 02851E    | 30        |           | 1006.9       | 1010.7         | 2.6         | -1.4   | 6.6            | .2     | 8             | 42    | 10     | 4        | 114      | 80       |
| 33902 KHERSON                 | 4638N    | 03234E    | 54        |           | 1004.6       | 1011.3         | 1.5         | -1.1   | 6.2            |        | 17            | 61    | 35     | 5        | 106      | 75       |
| <b>33915 ASKANIYA-NOVA</b>    | 4627N    | 03353E    | 30        |           | 1007.5       | 1011.3         | 1.8         | -4     | 5.9            | .0     | 11            | 35    | 10     | 4        | 100      | 71       |
| 34300 KHARKIV                 | 4958N    | 03608E    | 155       |           | 993.4        | 1013.1         | -3.5        | -3.2   | 4.1            | -9     | 14            | 96    | 69     | 6        | 96       | 89       |
| 34415 IZIUM                   | 4911N    | 03718E    | 78        |           | 1003.2       | 1013.1         | -2.0        |        | 4.5            |        | 14            | 120   |        | 6        |          |          |
| 34504 DNIPROPETROVS'K         | 4836N    | 03458E    | 143       |           | 993.5        | 1011.8         | -1.5        | -2.3   | 4.9            |        | 16            | 145   | 111    | 6        | 104      | 85       |
| 34607 PRYSHYB                 | 4716N    | 03520E    | 88        |           | 1000.8       | 1011.9         | .7          |        | 5.6            |        | 13            | 50    |        | 5        |          |          |
| 34712 MARIUPOL'               | 4702N    | 03730E    | 70        |           | 1003.9       | 1012.7         | .7          |        | 5.8            |        | 9             | 62    |        | 5        |          |          |
| <b>ISRAEL</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 40153 HAR-KNAAN (ZEFAT)       | 3258N    | 03530E    | 934       |           | 908.5        |                | 13.9        |        | 8.6            |        | 3             | 25    |        | 1        |          |          |
| 40179 BET DAGAN               | 3200N    | 03449E    | 35        |           | 1010.3       | 1014.0         | 18.3        | 3.5    | 12.9           |        | 2             | 6     | -54    | 0        | 286      | 122      |
| 40180 BEN-GURION INT. AIRPORT | 3200N    | 03454E    | 49        |           | 1009.5       | 1014.3         | 18.9        |        | 12.5           |        | 2             | 5     |        | 1        |          |          |
| <b>40199 EILAT</b>            | 2933N    | 03457E    | 12        |           | 1010.8       | 1013.3         | 24.1        | 4.3    | 10.0           |        | 0             | 0     | -4     | 2        |          |          |
| <b>JORDAN</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 40250 H-4 'IRWAISHED'         | 3230N    | 03812E    | 683       |           | 935.0        | 1012.0         | 18.1        |        | 11.3           |        | 0             | 0     |        | 1        | 223      | 90       |
| 40265 MAFRAQ                  | 3222N    | 03615E    | 683       |           | 937.4        | 1015.8         | 16.0        |        | 9.2            |        | 1             | 2     |        | 1        | 248      | 110      |
| 40296 GHOR SAFI               | 3102N    | 03528E    | -350      |           |              |                | 23.7        |        |                |        | 0             | 0     |        |          | 242      | 105      |

# SURFACE

# MARCH 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. |
| 40310 MA'AN                       | 3010N    | 03547E    | 1069      |           | 894.2        | 1498 Y         | 17.3        | 5.1    | 9.6            | 3.1    | 0             | 0     | -6     | 1        | 237      | 90       |
| <b>ASIA</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>RUSSIAN FEDERATION (ASIA)</b>  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 20046 POLARGMO IM. E.T. KRENKELJA | 8037N    | 05803E    | 22        |           | 1016.1       | 1019.3         | -24.4       | .8     | .7             | -2     | 5             | 16    | -10    |          | 104      |          |
| 20069 OSTROV VIZE                 | 7930N    | 07659E    | 10        |           | 1014.1       | 1016.1         | -27.3       | -.4    | .6             | -1     | 4             | 6     | -7     | 2        | 156      |          |
| 20087 OSTROV GOLOMJIANNYJ         | 7933N    | 09037E    | 8         |           | 1014.6       | 1015.7         | -27.0       |        | .6             |        | 3             | 6     |        | 2        | 141      |          |
| 20292 GMO IM.E.K. FEDOROVA        | 7743N    | 10410E    | 15        |           | 1012.5       | 1014.4         | -27.4       | .9     | .6             | .0     | 9             | 19    | 3      |          | 140      |          |
| 20476 MYS STERLEGOVA              | 7525N    | 08854E    | 11        |           | 1010.0       | 1011.4         | -31.1       |        | .4             |        |               | 2     |        |          |          |          |
| 20667 IM. M.V. POPOVA             | 7320N    | 07003E    | 7         |           | 1007.8       | 1008.6         | -25.3       |        | .8             |        |               | 3     |        |          | 196      |          |
| 20674 OSTROV DIKSON               | 7330N    | 08024E    | 47        |           | 1001.5       | 1007.9         | -26.1       | -2.7   | .1             | -9     | 6             | 50    | 27     |          | 111      |          |
| 20744 MALYE KARMAKULY             | 7222N    | 05242E    | 15        |           | 1006.7       | 1008.6         | -17.6       | -4.2   | 1.3            | -8     | 3             | 8     | -21    |          | 159      |          |
| 20891 HATANGA                     | 7159N    | 10220E    | 33        |           | 1006.9       | 1011.6         | -30.1       | -3.1   | .5             | -2     | 2             | 7     | -8     | 1        | 227      |          |
| 21432 OSTROV KOTEL'NYJ            | 7600N    | 13750E    | 8         |           | 1017.2       | 1019.3         | -28.6       | -.4    | .5             | -1     |               | 3     | -4     |          | 139      |          |
| 21802 SASKYLAH                    | 7158N    | 11400E    | 18        |           | 1011.7       | 1013.9         | -31.2       |        | .4             |        | 8             | 18    |        |          |          |          |
| 21908 DZALINDA                    | 7008N    | 11350E    | 62        |           | 1005.4       | 1014.1         | -28.6       |        | .6             |        | 7             | 14    |        |          | 181      |          |
| 21921 KJUSJUR                     | 7041N    | 12720E    | 33        |           | 1011.9       | 1016.5         | -28.8       |        | .6             |        | 4             | 7     |        |          |          |          |
| 21931 JUBILEJNAJA                 | 7046N    | 13610E    | 24        |           | 1014.3       | 1017.8         | -28.5       |        | .1             |        | 3             | 11    |        |          |          |          |
| 21946 CHOKURDAH                   | 7037N    | 14750E    | 61        |           | 1011.1       | 1019.8         | -30.9       | -2.8   | .4             | -2     | 1             | 5     | -3     |          |          |          |
| 21982 OSTROV VRANGELJA            | 7059N    | 17820E    | 5         |           | 1012.5       | 1015.4         | -18.4       | 6.4    | 1.5            | .7     | 4             | 14    | 5      |          | 120      |          |
| 23022 AMDERMA                     | 6945N    | 06142E    | 49        |           | 999.0        | 1006.3         | -21.9       |        | 1.0            |        | 6             | 39    |        |          | 156      |          |
| 23032 MARESALE                    | 6943N    | 06648E    | 25        |           | 1002.1       | 1005.6         | -24.0       |        | .9             |        | 5             | 27    |        |          | 150      |          |
| 23058 ANTIPAJUTA                  | 6905N    | 07651E    | 3         |           | 1004.9       | 1005.4         | -25.3       |        | .8             |        | 7             | 24    |        |          |          |          |
| 23078 NORIL'SK                    | 6934N    | 08826E    | 60        |           | 1000.0       | 1009.0         | -23.2       |        | .9             |        | 11            | 26    |        | 3        | 119      |          |
| 23205 NAR'JAN-MAR                 | 6738N    | 05302E    | 12        |           | 1005.0       | 1006.5         | -17.8       | -5.9   | 1.4            | -1.2   | 8             | 24    | 4      | 3        | 176      |          |
| 23242 NOVYJ PORT                  | 6741N    | 07253E    | 12        |           | 1003.8       | 1005.5         | -22.9       |        | .9             |        | 8             | 22    |        |          | 113      |          |
| 23256 TAZOVSKOE                   | 6728N    | 07844E    | 8         |           | 1002.0       | 1005.8         | -22.6       |        | 1.0            |        | 10            | 47    |        |          | 184      |          |
| 23274 IGARKA                      | 6728N    | 08634E    | 31        |           | 1004.8       | 1008.7         | -20.9       |        | 1.1            |        | 15            | 48    |        | 5        | 162      |          |
| 23324 PETRUN'                     | 6626N    | 06046E    | 62        |           | 997.9        | 1006.2         | -18.6       |        | 1.3            |        | 9             | 30    |        | 3        | 170      |          |
| 23330 SALEHARD                    | 6632N    | 06640E    | 16        |           | 1003.3       | 1005.5         | -21.1       | -4.7   | 1.0            | -8     | 13            | 36    | 18     |          | 177      |          |
| 23383 AGATA                       | 6653N    | 09328E    | 278       |           | 975.9        | 1013.8         | -23.6       |        | .9             |        | 11            | 26    |        | 4        |          |          |
| 23405 UST'-CIL'MA                 | 6526N    | 05216E    | 68        |           | 997.2        | 1007.7         | -14.9       | -6.2   | 1.7            | -1.2   | 13            | 32    | 3      | 4        | 136      |          |
| 23445 NADYM                       | 6528N    | 07240E    | 19        |           | 971.0        | 972.7          | -19.4       |        | 1.3            |        | 10            | 41    |        |          |          |          |
| 23472 TURUHANSK                   | 6547N    | 08756E    | 38        |           | 1003.8       | 1009.5         | -17.4       | -.9    | 1.4            | -2     | 14            | 38    | 8      | 4        | 165      |          |
| 23552 TARKO-SALE                  | 6455N    | 07749E    | 27        |           | 1003.6       | 1007.2         | -18.1       | -1.9   | 1.4            | -3     | 13            | 40    | 16     | 6        | 148      |          |
| 23631 BEREZOVO                    | 6356N    | 06503E    | 32        |           | 1001.5       | 1005.9         | -16.3       | -5.1   | 1.5            | -8     | 11            | 49    | 27     | 5        | 181      |          |
| 23662 TOL'KA                      | 6359N    | 08205E    | 33        |           | 1004.0       | 1008.6         | -16.2       |        | 1.4            |        | 13            | 28    |        |          | 142      |          |
| 23678 VERHNEIMBATSK               | 6309N    | 08757E    | 46        |           | 1005.5       | 1011.6         | -13.4       |        | 2.1            |        | 14            | 48    |        | 5        |          |          |
| 23711 TROICKO-PECHERSKOE          | 6242N    | 05612E    | 139       |           | 990.3        | 1008.5         | -13.1       | -5.6   | 1.9            | -1.0   | 14            | 52    | 20     | 5        | 141      |          |
| 23724 NJAKSIMVOL'                 | 6226N    | 06052E    | 51        |           | 1000.3       | 1007.0         | -12.6       | -4.6   | 1.8            | -9     | 9             | 33    | 11     |          | 154      |          |
| 23734 OKTJABR'SKOE                | 6227N    | 06603E    | 72        |           | 996.7        | 1006.2         | -12.6       |        | 1.8            |        | 15            | 61    |        |          | 173      |          |
| 23867 LAR' YAK                    | 6106N    | 08015E    | 57        |           | 1002.5       | 1009.9         | -10.9       |        | 2.4            |        | 10            | 46    |        |          | 175      |          |
| 23884 BOR                         | 6136N    | 09001E    | 58        |           | 1005.6       | 1013.2         | -11.3       | 1.0    | 2.1            | .0     | 8             | 44    | 19     | 5        | 123      | 81       |

# SURFACE

# MARCH 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. |
| 23891 BAJKIT          | 6140N    | 09622E    | 262       |           | 983.1        | 1015.8         | -13.8       | .5     | 1.8            | .2     | 9             | 30    | 9      | 4        | 132      | 80       |
| 23914 CHERDYN'        | 6024N    | 05631E    | 207       |           | 983.5        | 1010.2         | -10.2       | -3.8   | 2.2            | -9     | 15            | 59    | 24     | 5        | 153      | 106      |
| 23921 IVDEL'          | 6041N    | 06027E    | 95        |           | 996.2        | 1008.5         | -10.0       | -3.3   | 1.8            | -7     | 5             | 15    | -3     | 3        | 164      | 102      |
| 23933 HANTY-MANSIJSK  | 6101N    | 06902E    | 46        |           | 1001.8       | 1007.6         | -12.0       | -2.9   | 2.0            | -6     | 14            | 58    | 37     |          | 135      | 78       |
| 23955 ALEKSANDROVSKOE | 6026N    | 07752E    | 48        |           | 1003.6       | 1009.9         | -10.0       | .4     | 2.3            | -1     | 7             | 36    | 21     |          | 184      | 108      |
| 23966 VANZIL'-KYNAK   | 6021N    | 08405E    | 99        |           | 999.4        | 1012.4         | -11.2       |        | 2.3            |        | 9             | 52    |        |          | 135      | 90       |
| 23986 SEVERO-ENISEJSK | 6023N    | 09320E    | 519       |           | 950.1        | 1015.3         | -11.8       |        | 2.1            |        | 10            | 38    |        | 5        |          |          |
| 24125 OLENEK          | 6830N    | 11220E    | 220       |           | 983.8        | 1013.7         | -23.8       | -1.6   | .8             | -1     | 7             | 17    | 6      |          |          |          |
| 24136 SUHANA          | 6837N    | 11820E    | 77        |           | 1005.4       | 1015.3         | -26.8       |        | .6             |        | 4             | 8     |        |          | 225      |          |
| 24143 DZARDZAN        | 6844N    | 12400E    | 39        |           | 1011.2       | 1016.5         | -24.0       | -.3    | .8             | .0     | 6             | 13    | 0      |          |          |          |
| 24266 VERHOJANSK      | 6733N    | 13320E    | 137       |           | 999.6        | 1019.0         | -29.8       | .0     | .5             | .0     | 3             | 5     | 1      |          | 258      |          |
| 24329 SHELAGONTSY     | 6615N    | 11410E    | 236       |           | 984.1        | 1016.7         | -25.6       | -.6    | .9             | -.1    | 2             | 7     | -1     |          | 221      |          |
| 24343 ZHIGANSK        | 6646N    | 12320E    | 92        |           | 1003.9       | 1016.7         | -23.4       | -.5    | .9             | .0     | 5             | 20    | 8      |          | 225      |          |
| 24382 UST'-MOMA       | 6627N    | 14310E    | 196       |           | 991.8        | 1019.3         | -29.0       |        | .5             |        | 1             | 4     |        |          | 261      |          |
| 24507 TURA            | 6416N    | 10010E    | 168       |           | 988.5        | 1014.1         | -17.7       | 1.2    | 1.4            | .1     | 5             | 25    | 14     | 5        | 169      |          |
| 24606 KISLOKAN        | 6335N    | 10350E    | 211       |           | 986.6        | 1014.8         | -17.7       |        | 1.4            |        | 7             | 20    |        | 5        | 196      |          |
| 24641 VILJUJSK        | 6346N    | 12130E    | 111       |           | 1001.7       | 1016.9         | -19.6       | -.1    | 1.1            | .0     | 6             | 13    | 5      |          | 214      |          |
| 24661 SEGEN-KYUEL'    | 6400N    | 13010E    | 208       |           | 988.0        | 1016.6         | -23.6       |        | .7             |        | 2             | 8     |        |          |          |          |
| 24671 TOMPO           | 6357N    | 13550E    | 402       |           | 964.2        | 1019.4         | -27.2       |        | .5             |        | 3             | 8     |        |          | 249      |          |
| 24688 OJMJAKON        | 6315N    | 14300E    | 741       |           | 920.0        | 1019.8         | -28.9       | 3.5    | .6             | .2     | 3             | 11    | 6      |          | 244      |          |
| 24713 NAKANNO         | 6253N    | 10820E    | 246       |           | 983.0        | 1015.8         | -17.9       |        | 1.5            |        | 4             | 13    |        |          | 185      |          |
| 24738 SUNTAR          | 6209N    | 11730E    | 133       |           | 998.0        | 1016.5         | -16.7       | 1.6    | 1.6            | .4     | 3             | 11    | 4      |          | 203      |          |
| 24790 SUSUMAN         | 6247N    | 14810E    | 655       |           | 930.0        | 1016.6         | -23.4       |        | .8             |        | 2             | 6     |        | 1        | 200      |          |
| 24817 ERBOGACEN       | 6116N    | 10800E    | 291       |           | 979.3        | 1016.5         | -15.0       | 1.6    | 1.6            | .2     | 2             | 14    | 3      |          | 212      | 109      |
| 24908 VANAVARA        | 6020N    | 10210E    | 260       |           | 982.8        | 1017.0         | -13.4       | 1.7    | 1.9            | .3     | 4             | 11    | -3     | 2        | 195      | 105      |
| 24959 JAKUTSK         | 6201N    | 12940E    | 101       |           | 1002.9       | 1016.7         | -20.7       | .9     | 1.0            | .0     | 1             | 4     | -2     |          | 265      |          |
| 24966 UST'-MAJYA      | 6023N    | 13420E    | 170       |           | 993.1        | 1016.1         | -21.6       | -1.1   | 1.0            | .0     | 2             | 7     | 0      |          | 246      | 107      |
| 24967 TEGYULTYA       | 6028N    | 13000E    | 171       |           | 995.3        | 1018.9         | -22.9       |        | .4             |        | 2             | 10    |        |          |          |          |
| 25062 MYS BILLINGSA   | 6953N    | 17540E    | 3         |           | 1015.7       | 1016.1         | -22.8       |        | 1.1            |        |               | 6     |        |          |          |          |
| 25138 OSTROVNOE       | 6807N    | 16410E    | 94        |           | 1002.7       | 1015.3         | -25.9       |        | .6             |        | 4             | 18    |        |          | 157      |          |
| 25206 SREDNE-KOLYMSK  | 6727N    | 15340E    | 21        |           | 1013.4       | 1017.7         | -26.8       |        | .6             |        | 3             | 12    |        |          |          |          |
| 25248 ILIRNEJ         | 6715N    | 16750E    | 353       |           | 967.9        | 1016.7         | -27.0       | 1.9    | .7             | .1     | 5             | 13    | 6      |          |          |          |
| 25282 MYS VANKAREM    | 6750N    | 17050W    | 5         |           | 1014.1       | 1014.8         | -18.5       |        | 1.5            |        | 2             | 5     |        |          | 47       |          |
| 25356 EN' MUVEEM      | 6623N    | 17320E    | 77        |           | 1001.4       | 1012.0         | -19.2       |        | 1.4            |        | 13            | 51    |        |          | 122      |          |
| 25378 EGVEKINOT       | 6621N    | 17900W    | 26        |           | 1008.7       | 1011.7         | -13.2       |        | 2.1            |        | 14            | 128   |        |          |          |          |
| 25399 MYS UELEN       | 6610N    | 16950W    | 3         |           | 1012.7       | 1013.6         | -12.2       | 8.4    | 2.4            | 1.2    | 4             | 12    | -11    |          | 83       |          |
| 25400 ZYRYANKA        | 6544N    | 15050E    | 43        |           | 1012.0       | 1018.0         | -26.2       | -.6    | .6             | -.1    | 3             | 10    | 1      |          | 190      |          |
| 25428 OMOLON          | 6514N    | 16030E    | 264       |           | 979.2        | 1015.3         | -27.1       |        | .7             |        | 7             | 20    |        |          | 169      |          |
| 25503 KORKODON        | 6445N    | 15350E    | 98        |           | 1002.9       | 1016.6         | -24.8       |        | .7             |        | 4             | 10    |        |          | 185      |          |
| 25551 MARKOVO         | 6441N    | 17020E    | 26        |           | 1007.0       | 1010.3         | -18.7       | 3.7    | 1.5            | .5     | 17            | 99    | 80     |          | 109      |          |
| 25563 ANADYR'         | 6447N    | 17730E    | 61        |           | 1000.6       | 1008.7         | -14.4       | 6.0    | 2.2            | .9     | 17            | 87    | 66     |          | 93       |          |
| 25705 SREDNIKAN       | 6227N    | 15210E    | 260       |           | 980.0        | 1015.8         | -24.3       |        | .8             |        | 13            | 38    |        |          | 165      |          |
| 25745 KAMENSKOE       | 6228N    | 16612E    | 40        |           | 1004.0       | 1009.4         | -17.6       |        | 1.5            |        | 13            | 42    |        | 5        | 104      |          |
| 25927 BROHOVO         | 5939N    | 15410E    | 5         |           | 1006.2       | 1006.9         | -15.9       |        | 1.9            |        | 14            | 62    |        | 0        | 144      |          |
| 28009 KIRS            | 5922N    | 05213E    | 169       |           | 990.2        | 1012.2         | -10.0       |        | 2.1            |        | 8             | 30    |        | 3        |          |          |
| 28064 LEUSI           | 5937N    | 06543E    | 72        |           | 999.3        | 1008.4         | -9.6        | -2.9   | 2.1            | -.7    | 6             | 46    | 29     | 5        | 154      | 88       |

## SURFACE

MARCH 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. |
| 28138 BISER            | 5831N    | 05851E    | 463       |           | 952.8        | 1011.9         | -11.2       | -4.1   | 2.0            | -9     | 15            | 56    | 14     | 4        | 155      | 97       |
| 28224 PERM'            | 5801N    | 05618E    | 171       |           | 990.4        | 1012.6         | -8.9        |        | 2.1            |        | 11            | 44    |        |          | 180      | 125      |
| 28275 TOBOL'SK         | 5809N    | 06815E    | 50        |           | 1004.1       | 1010.5         | -8.9        | -9     | 2.2            | -6     | 9             | 43    | 28     | 5        | 173      | 98       |
| 28418 SARAPUL          | 5628N    | 05344E    | 133       |           | 997.5        | 1014.8         | -9.1        |        | 2.5            |        | 9             | 41    |        | 5        | 213      | 140      |
| 28434 KRASNOUFIMSK     | 5639N    | 05747E    | 206       |           | 987.5        | 1014.2         | -10.2       | -3.2   | 2.0            | -1.1   | 8             | 33    | 13     | 5        | 198      | 130      |
| 28493 TARA             | 5654N    | 07423E    | 73        |           | 1003.9       | 1013.4         | -8.6        | -1     | 2.3            | -4     | 7             | 28    | 13     | 5        | 184      | 103      |
| 28552 SADRINSK         | 5604N    | 06339E    | 89        |           | 1002.2       | 1013.7         | -8.2        | -2.0   | 2.3            | -8     | 7             | 38    | 24     | 5        | 204      | 103      |
| 28573 ISHIM            | 5606N    | 06926E    | 82        |           | 1003.0       | 1013.8         | -9.6        |        | 2.5            |        | 8             | 38    |        |          | 222      |          |
| 28666 MAKUSINO         | 5515N    | 06718E    | 140       |           | 996.3        | 1014.4         | -9.5        |        | 2.6            |        | 4             | 34    |        | 6        | 203      | 100      |
| 28698 OMSK             | 5501N    | 07323E    | 122       |           | 1000.0       | 1015.9         | -9.1        | -9     | 2.5            | -4     | 9             | 27    | 13     |          | 203      | 110      |
| 28704 CULPANOVO        | 5430N    | 05025E    | 78        |           | 1006.6       | 1016.8         | -11.7       |        | 2.1            |        | 7             | 38    |        | 5        | 192      | 125      |
| 28722 UFA-DIOMA        | 5443N    | 05550E    | 104       |           | 1002.9       | 1016.6         | -10.0       | -4.0   | 2.1            | -1.3   | 10            | 46    | 18     |          | 196      | 126      |
| 28748 TROIJK           | 5405N    | 06137E    | 192       |           | 991.4        | 1016.3         | -9.6        |        | 2.3            |        | 6             | 21    |        | 4        | 210      |          |
| 29111 SREDNY VASJUGAN  | 5913N    | 07814E    | 69        |           | 1002.4       | 1011.4         | -8.8        |        | 2.4            |        | 10            | 50    |        |          | 156      |          |
| 29231 KOLPASEVO        | 5819N    | 08257E    | 75        |           | 1004.3       | 1014.3         | -9.7        | -2     | 2.4            | -1     | 7             | 29    | 12     |          | 159      | 90       |
| 29263 ENISEJSK         | 5827N    | 09209E    | 79        |           | 1005.8       | 1016.6         | -9.3        | .9     | 2.7            | .4     | 3             | 7     | -10    | 1        | 167      | 104      |
| 29282 BOGUCANY         | 5823N    | 09727E    | 133       |           | 999.9        | 1017.3         | -8.8        | 2.3    | 2.5            | .4     | 2             | 6     | -4     | 3        | 179      | 109      |
| 29313 PUDINO           | 5732N    | 07922E    | 97        |           | 1001.6       | 1014.2         | -9.7        |        | 2.3            |        | 8             | 27    |        |          | 189      |          |
| 29328 BAKCHAR          | 5705N    | 08155E    | 110       |           | 1001.2       | 1015.6         | -9.3        |        | 2.5            |        | 7             | 20    |        |          | 154      |          |
| 29379 TASEEVO          | 5712N    | 09433E    | 168       |           | 996.8        | 1018.7         | -9.9        |        | 2.6            |        | 2             | 3     |        |          |          |          |
| 29571 MININO           | 5606N    | 09273E    | 234       |           | 988.2        | 1018.3         | -6.7        |        | 3.1            |        | 3             | 6     |        | 2        | 180      | 100      |
| 29594 TAJSHET          | 5557N    | 09800E    | 307       |           | 979.9        | 1019.1         | -6.0        |        | 3.2            |        | 5             | 20    |        |          | 208      |          |
| 29612 BARABINSK        | 5520N    | 07822E    | 120       |           | 1001.2       | 1016.8         | -9.6        | .0     | 2.4            | -3     | 5             | 13    | 0      |          | 203      | 109      |
| 29645 KEMEROVO CGMS    | 5515N    | 08613E    | 148       |           | 999.5        | 1018.7         | -7.8        |        | 2.7            |        | 6             | 20    |        |          | 178      |          |
| 29752 NENASTNAYA       | 5445N    | 08849E    | 1183      |           | 874.7        | 1040.6         | -8.3        |        | 2.5            |        | 18            | 133   |        | 4        | 146      | 90       |
| 29789 VERHNJAJA GUTARA | 5413N    | 09658E    | 984       |           | 896.1        | 1019.2         | -7.3        |        | 2.8            |        | 6             | 22    |        |          | 168      |          |
| 29866 MINUSINSK        | 5342N    | 09142E    | 254       |           | 987.5        | 1020.1         | -6.2        | .2     | 3.3            | .4     | 5             | 43    | 38     | 6        | 134      | 85       |
| 29939 BIJSK ZONAL'NAYA | 5241N    | 08457E    | 228       |           | 991.3        | 1020.1         | -5.4        |        | 3.3            |        | 12            | 81    |        | 5        |          |          |
| 30054 VITIM            | 5927N    | 11230E    | 190       |           | 993.2        | 1018.2         | -13.2       | 2.1    | 2.1            | .5     | 6             | 30    | 16     |          | 165      | 101      |
| 30089 DZHIKIMDA        | 5901N    | 12140E    | 175       |           | 995.0        | 1018.4         | -15.9       |        | 1.7            |        | 4             | 15    |        |          |          |          |
| 30230 KIRENSK          | 5746N    | 10800E    | 259       |           | 988.7        | 1019.4         | -12.1       | 1.8    | 2.0            | .3     | 3             | 7     | -2     |          | 178      | 101      |
| 30252 MAMAKAN          | 5749N    | 11410E    | 249       |           | 988.1        | 1020.6         | -12.9       |        | 2.1            |        | 2             | 15    |        |          | 172      |          |
| 30309 BRATSK           | 5617N    | 10140E    | 416       |           | 966.5        | 1019.4         | -7.6        | 2.3    | 2.7            | .5     | 1             | 5     | -5     |          | 195      | 107      |
| 30372 CHARA            | 5654N    | 11810E    | 711       |           | 929.5        | 1021.2         | -16.2       | 1.6    | 1.4            | .2     | 2             | 3     | -1     | 3        | 230      | 111      |
| 30385 UST'-NJUKZHA     | 5635N    | 12120E    | 426       |           | 962.6        | 1020.0         | -13.9       |        | 1.6            |        | 3             | 22    |        |          | 225      | 60       |
| 30433 NIZHNEANGARSK    | 5547N    | 10930E    | 487       |           | 960.2        | 1021.7         | -10.4       | 2.6    | 2.2            | .6     | 2             | 6     | -5     | 2        | 188      | 101      |
| 30521 ZHIGALOVO        | 5448N    | 10510E    | 426       |           | 967.5        | 1021.4         | -9.9        | 3.2    | 2.3            | .4     | 1             | 3     | -3     |          | 178      | 95       |
| 30554 BAGDARIN         | 5428N    | 11330E    | 903       |           | 908.1        | 1021.8         | -13.6       | 1.3    | 1.5            | .1     | 0             | T     | -2     | 0        | 251      | 115      |
| 30612 BALAGANSK        | 5400N    | 10300E    | 427       |           | 966.5        | 1021.5         | -10.4       |        | 2.6            |        | 4             | 11    |        |          | 192      |          |
| 30636 BARGUZIN         | 5337N    | 10930E    | 489       |           | 959.3        | 1021.4         | -9.1        |        | 2.3            |        | 2             | 7     |        | 5        | 195      | 91       |
| 30650 ROMANOVKA        | 5312N    | 11240E    | 923       |           | 906.9        | 1021.0         | -10.3       |        | 1.9            |        | 2             | 6     |        | 4        |          |          |
| 30673 MOGOCHA          | 5345N    | 11940E    | 625       |           | 939.9        | 1019.9         | -11.5       | 2.3    | 1.6            | .1     | 1             | 3     | -4     | 1        | 266      | 119      |
| 30710 IRKUTSK          | 5216N    | 10410E    | 469       |           | 961.6        | 1020.7         | -5.4        | 2.0    | 2.7            | .3     | 6             | 17    | 5      |          | 233      | 113      |
| 30758 CHITA            | 5205N    | 11320E    | 671       |           | 936.5        | 1019.9         | -7.1        | 3.3    | 2.1            | .4     | 2             | 6     | 3      | 4        | 262      | 110      |
| 30777 SRETENSK         | 5214N    | 11740E    | 525       |           | 953.2        | 1020.2         | -9.0        |        | 2.0            |        | 1             | 2     |        | 1        | 277      | 115      |
| 30844 HILOK            | 5121N    | 11020E    | 802       |           | 921.9        | 1021.6         | -7.8        |        | 2.3            |        | 3             | 6     |        | 4        |          |          |

# SURFACE

# MARCH 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. |
| 30879 NERCHINSKIJ ZAVOD         | 5119N    | 11930E    | 619       |           | 941.7        | 1019.8         | -8.6        | 2.7    | 2.1            | .3     | 1             | 10    | 3      | 4        | 277      | 115      |
| 30925 KJAHTA                    | 5022N    | 10620E    | 797       |           | 923.0        | 1020.7         | -4.5        |        | 2.8            |        | 4             | 17    |        | 5        | 246      | 107      |
| 30935 KRASNYY CHIKOJ            | 5022N    | 10840E    | 771       |           | 925.6        | 1020.6         | -8.5        |        | 2.5            |        | 5             | 15    |        | 6        | 223      | 95       |
| 30949 KYRA                      | 4934N    | 11150E    | 908       |           | 909.9        | 1021.4         | -6.7        | 1.5    | 2.2            | .4     | 3             | 14    | 12     | 6        | 277      | 107      |
| 30965 BORZYA                    | 5024N    | 11630E    | 676       |           | 936.1        | 1021.2         | -8.8        | 2.4    | 2.1            | .2     | 2             | 6     | 2      | 4        | 284      | 107      |
| 31004 ALDAN                     | 5837N    | 12520E    | 679       |           | 930.6        | 1017.6         | -15.3       | .3     | 1.7            | .3     | 15            | 46    | 19     |          | 168      | 88       |
| 31088 OHOTSK                    | 5922N    | 14310E    | 6         |           | 1008.0       | 1008.7         | -13.6       | -2     | 1.5            | -1     | 5             | 11    | 1      | 4        | 244      | 101      |
| 31137 TOKO                      | 5617N    | 13100E    | 850       |           | 910.1        | 1020.6         | -21.9       |        | 1.1            |        | 5             | 11    |        |          |          |          |
| 31152 NEL' KAN                  | 5739N    | 13600E    | 318       |           | 973.0        | 985.9          | -18.2       |        | 1.1            |        | 1             | 7     |        |          | 215      |          |
| 31168 AYAN                      | 5627N    | 13800E    | 8         |           | 1010.7       | 1011.7         | -11.4       | -8     | 1.4            | -4     | 2             | 4     | -22    |          | 224      | 107      |
| 31174 BOL'SHOJ SHANTAR          | 5450N    | 13730E    | 21        |           | 1011.4       | 1012.6         | -12.3       |        | 1.7            |        |               | 2     |        |          | 252      |          |
| 31253 BOMNAK                    | 5443N    | 12850E    | 357       |           | 969.3        | 1016.7         | -13.1       | -6     | 1.3            | -2     | 2             | 5     | -6     | 2        | 279      | 123      |
| 31329 EKIMCHAN                  | 5304N    | 13250E    | 542       |           | 946.9        | 1016.4         | -13.6       | .0     | 1.5            | -1     | 6             | 16    | 5      | 5        | 75       | 34       |
| 31369 NIKOLAEVSK-NA-AMURE       | 5309N    | 14040E    | 68        |           | 1006.3       | 1012.4         | -12.7       | -8     | 1.7            | -3     | 6             | 17    | -15    |          |          |          |
| 31416 IM POLINY OSIPENKO        | 5225N    | 13630E    | 73        |           | 1003.6       | 1012.8         | -9.9        | 1.4    | 1.8            | -1     | 4             | 16    | 6      |          | 251      | 107      |
| 31439 BOGORODSKOE               | 5223N    | 14020E    | 35        |           | 1008.5       | 1013.1         | -11.4       |        | 1.8            |        | 7             | 21    |        |          |          |          |
| 31478 SOFIJSKIJ PRIISK          | 5216N    | 13350E    | 902       |           | 902.9        | 1016.9         | -16.4       |        | 1.3            |        | 8             | 41    |        |          |          |          |
| 31707 EKATERINO-NIKOL'SKOE      | 4744N    | 13050E    | 73        |           | 1007.8       | 1017.2         | -5.7        | .6     | 2.4            | -1     | 4             | 17    | 7      |          | 252      | 106      |
| 31770 SOVETSKAYA GAVAN'         | 5100N    | 13950E    | 238       |           | 1009.5       | 1012.6         | -6.3        |        | 2.7            |        | 8             | 49    |        |          | 196      | 115      |
| 31873 DAL'NERECHENSK            | 4552N    | 13340E    | 101       |           | 1005.1       | 1018.2         | -4.8        |        | 2.6            |        | 6             | 26    |        |          |          |          |
| 31960 VLADIVOSTOK               | 4307N    | 13150E    | 183       |           | 995.1        | 1019.0         | -2.2        | .3     | 3.4            | -1     | 4             | 53    | 29     |          | 208      | 96       |
| 31961 TIMIRYAZEVSIIJ            | 4353N    | 13150E    | 37        |           | 1015.0       | 1019.7         | -3.0        |        | 3.2            |        | 3             | 28    |        | 5        | 222      | 105      |
| 31989 PREOBRAZHENIE             | 4254N    | 13350E    | 43        |           | 1012.5       | 1017.7         | -1          |        | 3.1            |        | 5             | 9     |        | 1        |          |          |
| 32027 POGIBI                    | 5213N    | 14130E    | 6         |           | 1010.6       | 1011.5         | -11.8       |        | 2.2            |        | 10            | 31    |        |          |          |          |
| 32061 ALEKSANDROVSK-SAHALINSKIJ | 5054N    | 14210E    | 31        |           | 1008.3       | 1012.3         | -7.7        | .7     | 2.6            | .1     | 10            | 51    | 30     | 5        | 188      | 102      |
| 32076 POGRANICHNOE              | 5024N    | 14340E    | 8         |           | 1010.5       | 1011.6         | -9.7        |        | 2.4            |        | 3             | 24    |        | 2        | 135      | 70       |
| 32098 PORONAJSK                 | 4913N    | 14300E    | 8         |           | 1011.3       | 1012.3         | -7.9        | -7     | 2.8            | .1     | 8             | 65    | 29     | 5        | 190      | 97       |
| 32099 MYS TERPENIYA             | 4839N    | 14440E    | 6         |           | 1010.9       | 1011.7         | -6.4        |        | 3.4            |        | 8             | 96    |        |          | 193      | 50       |
| 32150 JUZHNO-SAHALINSK          | 4657N    | 14240E    | 24        |           | 1009.5       | 1012.8         | -4.5        | 1.8    | 3.2            | .0     | 9             | 64    | 22     | 5        | 196      | 108      |
| 32165 JUZHNO-KURIL'SK           | 4401N    | 14550E    | 49        |           | 1008.3       | 1014.5         | -9          | 2.2    | 4.7            | .8     | 9             | 69    | 0      | 3        | 145      | 84       |
| 32213 MYS LOPATKA               | 5052N    | 15640E    | 47        |           | 1001.7       | 1008.1         | -3.7        |        | 4.0            |        | 4             | 20    |        | 1        | 119      | 95       |
| 32252 UST'-VOYAMPOLKA           | 5830N    | 15910E    | 7         |           | 1003.9       | 1004.8         | -5.3        | 7.8    | 2.7            | .5     | 7             | 29    | 17     | 5        | 61       | 34       |
| 32287 UST'-HAJRJUZOVO           | 5705N    | 15640E    | 8         |           | 1003.4       | 1004.4         | -7.9        |        | 2.8            |        | 11            | 48    |        | 6        | 106      | 55       |
| 32389 KLJUCHI                   | 5619N    | 16050E    | 29        |           | 1000.7       | 1004.1         | -7.1        | 2.3    | 2.2            | -2     | 12            | 54    | 13     | 4        | 177      | 109      |
| 32477 SOBOLEVO                  | 5418N    | 15550E    | 14        |           | 1003.5       | 1006.7         | -7.0        |        | 2.9            |        | 17            | 74    |        | 5        | 112      | 55       |
| 32509 SEMYACHIK                 | 5407N    | 15950E    | 27        |           | 1000.1       | 1003.6         | -4.3        |        | 2.9            |        | 9             | 102   |        | 4        | 198      | 115      |
| 32618 OSTROV BERINGA            | 5512N    | 16550E    | 18        |           | 1001.9       | 1004.1         | -1.4        | 1.4    | 4.5            | .3     | 11            | 47    | 1      | 3        | 90       | 92       |
| 35011 SOROCHINSK                | 5226N    | 05308E    | 123       |           | 1002.1       | 1018.5         | -10.0       |        | 2.6            |        | 8             | 26    |        | 4        |          |          |
| 36038 ZMEINOGORSK               | 5109N    | 08212E    | 355       |           | 975.8        | 1020.5         | -3.4        |        | 3.6            |        | 13            | 111   |        |          | 149      |          |
| 36064 YAJLJU                    | 5146N    | 08736E    | 480       |           | 960.2        | 1019.8         | -1.3        |        | 4.0            |        | 13            | 74    |        |          | 131      |          |
| 36096 KYZYL                     | 5143N    | 09430E    | 628       |           | 943.8        | 1022.8         | -6.8        |        | 2.9            |        | 3             | 7     |        | 5        | 194      | 90       |
| 36229 UST'-KOKSA                | 5017N    | 08537E    | 978       |           | 903.1        | 1019.7         | -1.8        |        | 3.8            |        | 8             | 98    |        |          | 160      |          |
| 36259 KOSH-AGACH                | 5001N    | 08841E    | 1759      |           | 818.2        | 1425 Y         | -3.8        |        | 2.8            |        | 1             | 2     |        |          | 206      |          |
| 36307 ERZIN                     | 5016N    | 09507E    | 1101      |           | 891.8        | 1047.0         | -12.8       |        | 2.2            |        | 1             | 3     |        | 0        |          |          |

**KAZAKHSTAN**

# SURFACE

# MARCH 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. |
| 28676 PETROPAVLOVSK        | 5447N    | 06907E    | 101       |           | 1002.4       | 1015.5         | -9.1        |        | 2.5            |        | 7             | 26    |        | 5        | 200      |          |
| 28766 BLAGOVESHCHENKA      | 5422N    | 06658E    | 151       |           | 997.1        | 1016.9         | -10.3       |        | 2.4            |        | 7             | 27    |        | 5        | 196      |          |
| 28879 KOKSHETAY            | 5317N    | 06923E    | 229       |           | 987.5        | 1017.1         | -8.2        | -8     | 2.8            | -3     | 3             | 18    | 8      | 5        | 189      | 96       |
| <b>28952 KOSTANAY</b>      | 5313N    | 06337E    | 170       |           | 997.5        | 1017.3         | -9.9        | -1.9   | 2.4            | -7     | 6             | 38    | 26     |          | 210      | 104      |
| 28966 RUZAEVKA             | 5249N    | 06658E    | 227       |           | 988.6        | 1018.0         | -9.9        |        | 2.8            |        | 9             | 52    |        |          |          |          |
| 28978 BALKASINO            | 5232N    | 06845E    | 398       |           | 967.4        | 1018.5         | -10.2       |        | 2.7            |        | 10            | 42    |        | 5        |          |          |
| <b>29807 IRTYSHSK</b>      | 5321N    | 07527E    | 94        |           | 1005.8       | 1017.9         | -8.4        | .7     | 2.9            | .0     | 8             | 25    | 14     |          |          |          |
| 35067 ESIL'                | 5153N    | 06620E    | 221       |           | 989.8        | 1018.3         | -9.0        |        | 2.9            |        | 9             | 41    |        | 6        |          |          |
| <b>35078 ATBASAR</b>       | 5149N    | 06822E    | 304       |           | 979.7        | 1019.1         | -10.0       | -1     | 2.0            | -8     |               | 71    | 56     |          |          |          |
| 35108 URALSK               | 5115N    | 05117E    | 37        |           | 1013.6       | 1018.4         | -9.2        | -4.2   | 2.7            | -1.1   |               | 26    | 6      | 0        | 189      | 115      |
| 35188 ASTANA               | 5108N    | 07122E    | 350       |           | 975.3        | 1019.8         | -7.2        | .9     | 3.1            | -1     | 10            | 35    | 21     | 5        |          |          |
| 35217 DZHAMBEJTY           | 5015N    | 05234E    | 32        |           | 1014.0       | 1018.2         | -8.1        |        | 3.2            |        | 11            | 43    |        |          |          |          |
| 35229 AKTOBE               | 5017N    | 05709E    | 219       |           | 990.5        | 1018.7         | -7.8        | -1.7   | 3.1            | -5     | 10            | 44    | 22     | 5        |          |          |
| 35357 BARSHINO             | 4941N    | 06931E    | 350       |           | 974.6        | 1019.3         | -7.6        |        | 2.7            |        | 4             | 33    |        |          | 148      |          |
| <b>35394 KARAGANDA</b>     | 4948N    | 07309E    | 553       |           | 951.1        | 1020.1         | -5.5        | 1.0    | 3.5            | .3     | 7             | 62    | 44     |          | 159      | 84       |
| 35406 TAIPAK               | 4903N    | 05152E    | 2         |           | 1017.5       | 1017.7         | -5.0        | -1.5   | 4.0            | -3     | 1             | 28    | 13     | 1        | 181      | 108      |
| <b>35416 UIL</b>           | 4904N    | 05441E    | 128       |           | 1005.3       | 1018.1         |             |        | 3.9            | -1     | 6             | 22    | 6      | 2        | 191      | 112      |
| 35426 TEMIR                | 4909N    | 05707E    | 234       |           | 988.7        | 1018.6         | -6.7        |        | 3.5            |        | 7             | 275   |        | 0        |          |          |
| 35532 MUGODZARSKAJA        | 4838N    | 05830E    | 398       |           | 968.1        | 1018.0         | -6.4        |        | 3.0            |        | 6             | 25    |        |          |          |          |
| <b>35576 KZYLZAR</b>       | 4818N    | 06939E    |           |           | 973.7        | 1017.8         | -4.1        | 2.9    | 4.4            | 1.0    | 5             | 192   | 177    |          |          |          |
| 35671 ZHEZKAZGAN           | 4748N    | 06743E    | 346       |           | 975.2        | 1018.5         | -3.1        |        | 4.3            |        | 7             | 24    |        |          | 137      |          |
| 35700 ATYRAU               | 4707N    | 05155E    | -22       |           | 1019.2       | 1016.8         | .0          | .1     | 4.4            | -3     | 3             | 12    | -1     |          |          |          |
| 35746 ARALSKOE MORE        | 4647N    | 06139E    | 62        |           | 1010.9       | 1017.6         | -1.7        | 1.1    | 4.7            | .5     | 4             | 15    | 2      | 4        | 139      | 70       |
| <b>35796 BALHASH</b>       | 4648N    | 07505E    | 350       |           | 975.6        | 1018.8         | 1.1         | 5.6    | 5.5            | 1.9    | 3             | 17    | 7      |          | 169      | 74       |
| <b>35849 KAZALINSK</b>     | 4546N    | 06207E    | 68        |           | 1008.8       | 1017.3         | 1.0         | 2.0    | 5.1            | .7     | 7             | 20    | 5      | 3        | 112      | 58       |
| <b>35925 SAM</b>           | 4524N    | 05607E    | 88        |           | 1005.4       | 1016.6         | 1.5         | 1.5    | 5.5            | .9     | 4             | 17    | 2      |          |          |          |
| 35953 DZHUSALY             | 4530N    | 06405E    | 103       |           | 1005.7       | 1018.6         | .0          |        | 6.1            |        | 8             | 32    |        | 5        |          |          |
| 36003 PAVLODAR             | 5218N    | 07656E    | 122       |           | 1005.0       | 1020.5         | -6.5        |        | 3.2            |        | 6             | 23    |        | 5        | 149      | 10       |
| <b>36177 SEMIPALATINSK</b> | 5025N    | 08018E    | 196       |           | 995.9        | 1020.8         | -3.6        | 3.6    | 3.7            | .5     | 10            | 31    | 15     | 5        | 159      | 80       |
| 36208 LENINOGORSK          | 5020N    | 08333E    | 811       |           | 923.4        | 1021.5         | -2.1        | 3.9    | 3.6            | .8     | 16            | 115   | 92     | 6        |          |          |
| 36428 BOL'SHE NARYMSKOE    | 4912N    | 08431E    | 401       |           | 971.1        | 1021.4         | -3.1        |        | 4.4            |        | 13            | 74    |        |          | 142      | 70       |
| <b>36535 KOKPEKTY</b>      | 4845N    | 08222E    | 512       |           | 958.7        | 1022.1         | -2.8        | 7.2    | 4.2            | 1.6    | 9             | 49    | 33     |          | 120      | 58       |
| <b>36859 ZHARKENT</b>      | 4410N    | 08004E    | 645       |           | 942.7        | 1017.9         | 9.7         | 5.7    | 7.0            | 1.9    | 4             | 16    | 4      |          | 162      | 79       |
| <b>36870 ALMATY</b>        | 4314N    | 07656E    | 851       |           | 918.6        | 1016.7         | 8.6         | 6.3    | 7.1            | 1.9    | 14            | 119   | 48     | 5        | 115      | 78       |
| 38062 KYZYLORDA            | 4451N    | 06530E    | 130       |           | 1000.9       | 1016.9         | 5.5         | 4.2    | 6.4            | 1.4    | 6             | 31    | 12     | 5        |          |          |
| 38069 CHILI                | 4410N    | 06645E    | 153       |           | 997.8        | 1016.4         | 7.0         |        | 6.1            |        | 3             | 16    |        | 3        |          |          |
| 38198 TURKESTAN            | 4316N    | 06813E    | 207       |           | 991.5        | 1016.4         | 9.4         | 3.7    | 8.1            | 2.2    | 7             | 29    | 1      |          | 160      | 80       |
| 38232 AKKUDUK              | 4258N    | 05407E    | 78        |           | 1005.4       | 1015.1         | 6.8         |        | 6.9            |        | 5             | 43    |        |          |          |          |
| 38328 SHYMKENT             | 4219N    | 06942E    | 604       |           | 945.4        | 1015.9         | 11.1        |        | 8.4            |        | 13            | 113   |        | 4        | 130      |          |
| 38334 AUL TURARA RYSKULOVA | 4229N    | 07018E    | 808       |           | 923.0        | 1016.3         | 10.0        |        | 7.7            |        | 15            | 146   |        | 3        | 115      |          |
| 38341 ZHAMBYL              | 4251N    | 07123E    | 655       |           | 940.4        | 1016.7         | 9.5         |        | 7.9            |        | 1             | 50    |        | 1        | 143      |          |
| 38343 KULAN                | 4257N    | 07245E    | 683       |           | 934.7        | 1016.7         | 8.5         |        | 7.9            |        | 11            | 72    |        | 4        |          |          |
| 38439 CHARDARA             | 4122N    | 06800E    | 275       |           | 983.7        | 1016.4         | 11.2        |        | 9.3            |        | 7             | 30    |        |          |          |          |
| <b>KYRGYZSTAN</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>36974 NARYN</b>         | 4126N    | 07600E    | 2041      |           | 797.3        | 1516 Y         | 2.5         | 5.0    | 4.9            | 1.4    | 6             | 17    | -2     | 3        |          |          |



# SURFACE

# MARCH 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. |
| 36982 TIAN-SHAN'          | 4153N    | 07814E    | 3639      |           | 652.8        | 1010.6         | -9.2        |        | 2.2            |        | 3             | 25    |        | 5        |          |          |
| 38345 TALAS               | 4231N    | 07213E    | 1218      |           | 878.2        | 1485 Y         | 7.6         |        | .7             |        | 11            | 72    |        | 6        |          |          |
| 38353 BISHKEK             | 4251N    | 07432E    | 760       |           | 929.5        | 1017.2         | 9.8         | 5.3    | 7.7            | 1.8    | 14            | 96    | 46     | 5        |          |          |
| 38616 KARA-SUU            | 4042N    | 07254E    | 868       |           | 918.3        | 1017.7         | 10.4        |        | 8.9            |        | 12            | 55    |        |          |          |          |
| <b>TURKMENISTAN</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 38388 EKEZHE              | 4102N    | 05746E    | 62        |           | 1008.6       | 1015.2         | 11.2        |        | 7.0            |        | 3             | 10    |        |          | 182      | 95       |
| 38392 DASHOGUZ            | 4150N    | 05959E    | 87        |           | 1005.1       | 1015.2         | 9.5         |        | 7.5            |        | 3             | 13    |        |          | 172      | 15       |
| <b>38507 TURKMENBASHI</b> | 4003N    | 05300E    | 82        |           | 1004.7       | 1014.8         | 9.4         | 2.4    | 8.9            | 2.2    | 3             | 23    | 4      |          | 129      | 75       |
| 38511 CHAGYL              | 4047N    | 05520E    | 115       |           | 1000.9       | 1014.9         | 10.6        |        | 7.9            |        | 6             | 23    |        |          | 143      | 5        |
| 38545 DARGANATA           | 4028N    | 06217E    | 142       |           | 998.2        | 1015.4         | 19.9        |        | 8.5            |        | 2             | 7     |        |          | 150      | 5        |
| 38656 ERBENT              | 3919N    | 05836E    | 87        |           | 1004.3       | 1014.9         | 14.6        | 5.4    | 8.7            | 2.7    | 5             | 11    | -11    |          |          |          |
| 38687 CHARDZHEV           | 3905N    | 06336E    | 190       |           | 992.3        | 1015.2         | 14.8        | 5.2    | 8.9            | 1.5    | 4             | 10    | -15    |          | 156      | 79       |
| <b>38750 ESENGYLY</b>     | 3728N    | 05338E    | -22       |           | 1017.8       | 1015.0         | 13.8        | 4.6    | 11.3           | 3.2    | 3             | 6     | -24    |          | 154      | 93       |
| <b>38763 GYZYLARBAT</b>   | 3859N    | 05617E    | 92        |           | 1004.1       | 1014.3         | 14.2        | 5.4    | 10.2           | 2.9    | 5             | 12    | -12    |          | 137      | 76       |
| 38880 ASHGABAT KESHI      | 3755N    | 05808E    | 312       |           | 977.6        | 1014.4         | 14.2        | 4.5    | 10.5           | 2.7    | 9             | 22    | -17    |          | 102      | 70       |
| <b>38895 BAJRAMALY</b>    | 3736N    | 06211E    | 240       |           | 987.7        | 1015.2         | 16.1        | 5.5    | 10.4           | 3.3    | 4             | 15    | -19    |          | 116      | 69       |
| <b>38915 KOYTENDAG</b>    | 3731N    | 06601E    | 265       |           | 983.7        | 1014.7         | 19.1        | 6.7    | 9.1            | .8     | 5             | 18    | -25    |          |          |          |
| 38974 SARAGT              | 3632N    | 06113E    | 275       |           | 982.0        | 1014.4         | 17.0        | 6.4    | 10.4           | 2.4    |               | 36    | -4     |          |          |          |
| <b>UZBEKISTAN</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 38178 AK-BAJTAL           | 4309N    | 06420E    | 234       |           | 997.7        | 1015.8         | 7.0         | 2.9    | 5.8            | .6     | 3             | 12    | -5     | 2        | 112      | 58       |
| <b>38262 CHIMBAJ</b>      | 4257N    | 05949E    | 66        |           | 1008.4       | 1016.5         | 6.8         | 3.9    | 6.7            | 1.5    | 3             | 14    | -7     | 3        | 144      | 85       |
| 38396 URGENCH             | 4134N    | 06034E    | 101       |           | 1003.5       | 1015.8         | 9.5         |        | 7.6            |        | 2             | 21    |        | 4        |          |          |
| 38403 BUZAUBAJ            | 4145N    | 06228E    | 98        |           | 1002.9       | 1014.2         | 10.2        |        | 4.7            |        | 6             | 17    |        | 3        |          |          |
| <b>38413 TAMDY</b>        | 4144N    | 06437E    | 237       |           | 989.3        | 1017.9         | 11.1        | 4.3    | 6.9            | 1.3    | 3             | 5     | -15    | 1        | 127      | 69       |
| <b>38457 TASHKENT</b>     | 4116N    | 06916E    | 488       |           | 958.6        | 1015.5         | 14.2        | 5.6    | 8.7            | 2.2    | 7             | 66    | -6     | 3        | 113      | 68       |
| 38611 NAMANGAN            | 4059N    | 07135E    | 474       |           | 962.1        | 1017.7         | 13.0        |        | 9.0            |        | 9             | 41    |        | 4        | 115      | 65       |
| 38618 FERGANA             | 4022N    | 07145E    | 577       |           | 948.5        | 1015.7         | 12.3        | 3.9    | 10.0           | 2.5    | 11            | 39    | 13     | 4        | 112      | 73       |
| 38683 BUHARA              | 3943N    | 06437E    | 226       |           | 988.1        | 1015.0         | 13.8        |        | 7.7            |        | 2             | 2     |        | 0        |          |          |
| 38696 SAMARKAND           | 3934N    | 06657E    | 724       |           | 932.3        | 1015.2         | 13.9        | 6.1    | 9.0            | 1.8    | 8             | 59    | -12    | 3        | 172      | 102      |
| 38812 KARSHI              | 3848N    | 06543E    | 376       |           | 970.1        | 1013.8         | 16.0        |        | 9.1            |        | 4             | 9     |        | 0        |          |          |
| 38927 TERMEZ              | 3714N    | 06716E    | 310       |           | 978.5        | 1014.6         | 17.7        | 6.1    | 9.9            | 1.5    | 4             | 21    | -16    | 1        | 216      | 115      |
| <b>SAUDI ARABIA</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 40356 TURAIIF             | 3141N    | 03844E    | 855       |           | 917.6        | 1498 Y         | 17.9        |        | 7.8            |        | 0             | 0     |        |          | 280      |          |
| 40357 ARAR                | 3054N    | 04108E    | 555       |           | 950.3        | 1012.1         | 21.5        |        | 11.2           |        | 0             | 0     |        |          |          |          |
| 40360 GURIAT              | 3124N    | 03717E    | 509       |           | 955.3        | 1013.1         | 18.7        |        | 6.6            |        | 0             | T     |        |          |          |          |
| <b>40361 AL-JOUF</b>      | 2947N    | 04006E    | 689       |           | 937.9        | 1012.6         | 22.0        |        | 5.5            |        | 0             | 0     |        |          |          |          |
| 40362 RAFHA               | 2937N    | 04329E    | 449       |           | 962.1        | 1012.0         | 22.8        |        | 5.5            |        | 0             | T     |        |          |          |          |
| 40373 AL-QAISUMAH         | 2819N    | 04608E    | 358       |           | 972.5        | 1013.1         | 24.1        |        | 10.0           |        | 0             | T     |        |          |          |          |
| 40375 TABUK               | 2823N    | 03636E    | 778       |           | 926.3        | 1011.2         | 22.1        |        | 4.9            |        | 0             | 0     |        |          | 294      |          |
| <b>40394 HAIL</b>         | 2726N    | 04141E    | 1015      |           | 902.5        | 1517 Y         | 22.0        |        | 6.9            |        | 0             | 0     |        |          | 284      |          |
| 40400 AL-WEJH             | 2612N    | 03629E    | 24        |           | 1008.5       | 1011.3         | 24.5        |        | 19.4           |        | 0             | 0     |        |          | 294      |          |

# SURFACE

# MARCH 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. |
| 40401 ALULA                               | 2629N    | 03807E    | 624       |           | 943.9        | 1011.7         | 25.7        |        | 5.9            |        | 0             | 0     |        |          |          |          |
| 40405 GASSIM                              | 2618N    | 04346E    | 648       |           | 940.1        | 1011.4         | 25.3        |        | 11.2           |        | 3             | 108   |        |          |          |          |
| 40417 K.F.I.A. (KING FAHAD INT. AI        | 2627N    | 04949E    | 22        |           | 1011.7       | 1013.1         | 24.0        |        | 10.9           |        | 0             | 0     |        |          |          |          |
| 40420 AL-AHSA                             | 2518N    | 04929E    | 179       |           | 992.2        | 1012.5         | 25.4        |        | 7.7            |        | 0             | T     |        |          |          |          |
| <b>40430 AL-MADINAH</b>                   | 2433N    | 03942E    | 654       |           | 939.7        | 1009.2         | 27.9        | 4.1    | 5.3            | -1.3   | 0             | 0     | -8     |          | 301      |          |
| 40437 KING KHALED INT. AIRPORT            | 2456N    | 04643E    | 614       |           | 944.8        | 1013.1         | 24.4        |        | 7.7            |        | 0             | T     |        |          | 268      |          |
| 40439 YENBO                               | 2408N    | 03804E    | 10        |           | 1008.6       | 1009.5         | 27.2        |        | 16.8           |        | 0             | 0     |        |          | 325      |          |
| <b>41024 JEDDAH (KING ABDUL AZIZ INT.</b> | 2142N    | 03911E    | 17        |           | 1008.2       | 1010.1         | 27.5        | 2.4    | 19.9           | 1.6    | 1             | 3     | 2      |          | 264      |          |
| 41030 MAKKAH                              | 2126N    | 03946E    | 240       |           | 982.3        | 1008.9         | 30.0        |        | 18.0           |        | 1             | 3     |        |          |          |          |
| 41036 AL-TAIF                             | 2129N    | 04033E    | 1478      |           | 856.3        | 1513 Y         | 22.2        | 2.5    |                |        | 2             | 1     | -13    | 2        | 303      |          |
| 41055 AL-BAHA                             | 2018N    | 04139E    | 1672      |           | 836.6        | 1511 Y         | 21.4        |        | 10.8           |        | 2             | 7     |        |          | 300      |          |
| 41061 WADI AL-DAWASSER AIRPORT            | 2030N    | 04515E    | 629       |           | 942.1        | 1010.6         | 26.1        |        | 14.8           |        | 1             | 10    |        |          | 306      |          |
| 41084 BISHA                               | 1959N    | 04238E    | 1167      |           | 885.3        | 1514 Y         | 23.5        |        | 9.9            |        | 4             | 31    |        |          | 288      |          |
| 41112 ABHA                                | 1814N    | 04239E    | 2093      |           | 795.5        | 1516 Y         | 18.5        |        | 9.5            |        | 3             | 30    |        |          | 307      |          |
| 41114 KHAMIS MUSHAIT                      | 1818N    | 04248E    | 2066      |           | 798.5        | 1512 Y         | 19.3        |        | 8.0            |        | 3             | 18    |        |          | 309      |          |
| 41128 NAJRAN                              | 1737N    | 04425E    | 1214      |           | 880.7        | 1518 Y         | 23.8        |        | 6.5            |        | 0             | 0     |        |          | 298      |          |
| 41136 SHARORAH                            | 1728N    | 04706E    | 725       |           | 931.1        | 1010.1         | 27.0        |        | 10.6           |        | 0             | T     |        |          | 313      |          |
| 41140 GIZAN                               | 1653N    | 04235E    | 7         |           | 1009.6       | 1010.4         | 29.2        |        | 26.5           |        | 0             | 0     |        |          |          |          |
| <b>IRAN, ISLAMIC REPUBLIC OF</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>40706 TABRIZ</b>                       | 3805N    | 04617E    | 1367      |           | 862.6        | 1012.9         | 10.9        | 6.0    | 6.5            | 1.2    | 7             | 52    | 5      |          | 203      | 118      |
| 40712 ORUMIEH                             | 3732N    | 04505E    | 1316      |           | 865.1        | 1011.9         | 11.0        | 6.5    | 6.1            | .7     | 5             | 50    | 0      |          | 226      | 134      |
| 40718 ANZALI                              | 3728N    | 04928E    | -26       |           | 1017.4       | 1014.5         | 11.0        | 2.4    | 11.2           | 1.4    | 6             | 26    | -83    |          | 81       | 95       |
| <b>40745 MASHHAD</b>                      | 3616N    | 05938E    | 999       |           | 901.5        | 1013.4         | 14.0        | 6.3    | 9.1            | 2.0    | 7             | 45    | -7     |          | 158      | 99       |
| 40754 TEHRAN-MEHRABAD                     | 3541N    | 05119E    | 1204      |           | 879.8        | 1010.1         | 16.9        | 6.8    | 4.9            | -6     | 2             | 5     | -32    |          | 232      | 114      |
| 40766 KERMANSHAH                          | 3416N    | 04707E    | 1322      |           | 869.0        | 1014.1         | 13.4        | 5.7    | 5.2            | -1.0   | 1             | 3     | -85    |          | 208      | 116      |
| 40800 ESFAHAN                             | 3228N    | 05140E    | 1550      |           | 844.8        | 1010.7         | 16.5        | 6.1    | 4.0            | -1.1   | 1             | 2     | -16    |          | 290      | 120      |
| 40831 ABADAN                              | 3022N    | 04815E    | 6         |           | 1012.4       | 1013.2         | 24.1        | 4.8    | 10.6           | -1     | 0             | T     | -18    |          | 276      | 124      |
| <b>40841 KERMAN</b>                       | 3015N    | 05658E    | 1754      |           | 824.9        | 1011.5         | 15.1        | 3.0    | 2.6            | -2.7   | 0             | T     | -32    |          | 303      | 144      |
| <b>40848 SHIRAZ</b>                       | 2932N    | 05232E    | 1481      |           | 852.5        | 1012.1         | 16.5        | 4.7    | 5.1            | -1.6   | 2             | 3     | -45    |          | 307      | 130      |
| 40856 ZAHEDAN                             | 2928N    | 06053E    | 1370      |           | 863.2        | 1010.3         | 19.0        | 4.5    | 4.8            | -1.7   | 1             | 4     | -9     |          | 279      | 126      |
| <b>BAHRAIN</b>                            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>41150 BAHRAIN (INT. AIRPORT)</b>       | 2616N    | 05039E    | 2         |           | 1013.2       | 1013.4         | 24.6        | 3.4    | 16.1           | -8     | 0             | 0     | -13    | 0        | 324      | 136      |
| <b>UNITED ARAB EMIRATES</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 41217 ABU DHABI INTER. AIRPORT            | 2426N    | 05439E    | 27        |           | 1009.8       | 1012.6         | 24.7        | 2.7    | 15.6           | .0     | 1             | 2     | -22    | 2        | 298      | 109      |
| <b>OMAN</b>                               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 41241 KHASAB AIRPORT                      | 2610N    | 05614E    | 29        |           | 1008.6       | 1008.9         | 26.3        |        | 14.7           |        | 0             | 0     |        | 0        |          |          |
| 41242 DIBA                                | 2537N    | 05615E    | 10        |           | 1010.9       | 1013.3         | 24.7        |        | 17.6           |        | 0             | 0     |        | 0        |          |          |
| 41244 BURAIMI                             | 2414N    | 05547E    | 372       |           | 961.4        | 1007.3         | 25.7        |        | 8.5            |        | 1             | 2     |        | 0        |          |          |
| 41246 SOHAR MAJIS                         | 2428N    | 05638E    | 2         |           | 1011.8       | 1012.1         | 25.4        |        | 19.9           |        | 1             | 3     |        | 0        |          |          |

# SURFACE

# MARCH 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. |
| 41252 IBRI                | 2325N    | 05631E    | 327       |           | 975.4        | 1013.5         | 26.5        |        | 7.9            |        | 0             | 0     |        | 0        |          |          |
| 41253 RUSTAQ              | 2324N    | 05725E    | 322       |           | 975.5        | 1013.5         | 26.0        |        | 12.8           |        | 2             | 16    |        | 0        |          |          |
| <b>41254 SAIQ</b>         | 2304N    | 05738E    | 1986      |           | 805.7        | 1024.5         | 15.6        |        | 5.0            |        | 1             | 22    |        | 0        |          |          |
| 41255 NIZWA               | 2251N    | 05732E    | 462       |           | 960.4        | 1014.5         | 26.2        |        | 8.8            |        | 1             | 2     |        | 0        |          |          |
| 41256 SEEB, INT'L AIRPORT | 2335N    | 05817E    | 15        |           | 1011.4       | 1011.7         | 26.2        |        | 18.5           |        | 0             | 0     |        | 0        |          | 336      |
| 41257 SAMAIL              | 2318N    | 05756E    | 417       |           | 963.7        | 1014.2         | 26.7        |        | 9.3            |        | 1             | 2     |        | 0        |          |          |
| 41259 JABAL SHAMS         | 2307N    | 05709E    | 2764      |           | 713.7        | 714.0          | 6.4         |        | 2.1            |        | 0             | 0     |        | 0        |          |          |
| 41262 FAHUD               | 2220N    | 05629E    | 168       |           | 992.5        | 1012.8         | 26.5        |        | 8.1            |        | 6             | 0027  |        | 0        |          |          |
| 41263 BAHLA               | 2259N    | 05718E    | 592       |           | 954.4        | 1014.5         | 26.2        |        | 7.4            |        | 01            | 1     |        | 0        |          |          |
| 41264 ADAM AIRPORT        | 2223N    | 05731E    | 328       |           | 975.7        | 1014.2         | 26.5        |        | 9.8            |        | 1             | 6     |        | 0        |          |          |
| 41265 IBRA                | 2244N    | 05830E    | 469       |           | 954.4        | 1014.8         | 25.9        |        | 9.3            |        | 1             | 2     |        | 0        |          | 283      |
| 41268 SUR                 | 2232N    | 05928E    | 14        |           | 1006.7       | 1011.5         | 27.3        |        | 15.0           |        | 0             | 0     |        | 0        |          |          |
| 41270 RAS AL HADD         | 2218N    | 05948E    | 43        |           | 1007.2       | 1012.2         | 24.6        |        | 21.7           |        | 01            | 1     |        | 0        |          |          |
| 41287 JOBA                | 2051N    | 05815E    | 34        |           | 1008.5       | 1012.4         | 25.7        |        | 17.7           |        | 01            | 1     |        | 0        |          |          |
| <b>41288 MASIRAH</b>      | 2040N    | 05854E    | 19        |           | 1011.1       | 1013.2         | 26.0        |        | 21.9           |        | 0             | 0     |        | 0        |          |          |
| 41312 MINA SALALAH        | 1654N    | 05355E    | 25        |           | 1010.7       | 1014.6         | 25.4        |        | 20.5           |        | 0             | 0     |        | 0        |          |          |
| 41314 THUMRAIT            | 1740N    | 05401E    | 467       |           | 962.4        | 1015.7         | 25.2        |        | 9.0            |        | 0             | 0     |        | 0        |          |          |
| 41315 QAIROON HAIRITI     | 1715N    | 05405E    | 881       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>41316 SALALAH</b>      | 1702N    | 05405E    | 23        |           | 1010.6       | 1011.0         | 25.9        |        | 20.2           |        | 0             | 0     |        | 0        |          | 331      |
| <b>PAKISTAN</b>           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 41515 DROSH               | 3534N    | 07147E    | 1465      |           | 853.9        |                | 13.2        | 2.7    | 5.2            |        | 7             | 41    | -71    | 1        |          |          |
| <b>41560 PARACHINAR</b>   | 3352N    | 07005E    | 1726      |           | 827.5        |                | 9.9         | .3     | 7.6            |        | 14            | 202   | 75     | 5        |          |          |
| 41571 ISLAMABAD AIRPORT   | 3337N    | 07306E    | 508       |           | 954.7        | 1012.2         | 20.6        | 3.7    | 11.8           |        | 4             | 44    | -45    | 1        |          |          |
| 41594 SARGODHA            | 3203N    | 07240E    | 188       |           | 990.2        | 1011.4         | 22.9        |        | 14.1           |        | 5             | 28    |        | 3        |          |          |
| 41598 JHELUM              | 3256N    | 07343E    | 234       |           | 983.6        | 1010.3         | 22.8        | 3.3    | 13.3           |        | 2             | 9     | -51    | 1        |          |          |
| 41600 SIALKOT             | 3230N    | 07432E    | 256       |           | 981.6        | 1010.7         | 21.4        | 2.8    | 14.9           |        | 1             | 3     | -50    | 1        |          |          |
| <b>41620 ZHOB</b>         | 3121N    | 06928E    | 1407      |           | 858.2        |                | 17.9        | 4.0    | 6.8            |        | 3             | 17    | -31    | 1        |          |          |
| 41624 DERA ISMAIL KHAN    | 3149N    | 07055E    | 173       |           | 990.6        | 1010.5         | 23.3        | 3.4    | 18.2           |        | 5             | 53    | 19     | 4        |          |          |
| <b>41640 LAHORE CITY</b>  | 3133N    | 07420E    | 215       |           | 986.4        | 1010.5         | 24.0        | 3.5    | 15.3           |        | 4             | 19    | -22    | 2        |          |          |
| 41660 QUETTA AIRPORT      | 3015N    | 06653E    | 1589      |           | 843.2        |                | 16.0        | 4.9    | 6.3            |        | 5             | 49    | -6     | 3        |          |          |
| 41675 MULTAN              | 3012N    | 07126E    | 123       |           | 996.5        | 1010.8         | 24.8        | 3.8    | 15.5           |        | 1             | 2     | -17    | 1        |          |          |
| 41685 BARKHAN             | 2953N    | 06943E    | 1098      |           | 890.4        |                | 20.5        | 3.4    | 7.8            |        | 4             | 13    | -22    | 2        |          |          |
| 41710 NOKKUNDI            | 2849N    | 06245E    | 683       |           | 931.7        | 1006.3         | 25.1        | 5.0    | 5.0            |        | 0             | 0     | -7     | 2        |          |          |
| <b>41712 DAL BANDIN</b>   | 2853N    | 06424E    | 850       |           | 917.3        |                | 22.7        | 4.6    | 7.2            |        | 2             | 7     | -11    | 2        |          |          |
| 41715 JACOBABAD           | 2818N    | 06828E    | 56        |           |              | 1010.1         | 27.3        | 3.5    | 16.4           |        | 3             | 9     | -1     | 4        |          |          |
| 41718 KHANPUR             | 2839N    | 07041E    | 88        |           | 999.7        | 1009.9         | 25.6        | 4.1    | 15.8           |        | 0             | 0     | -5     | 3        |          |          |
| 41739 PANJGUR             | 2658N    | 06406E    | 981       |           | 903.2        |                | 22.1        | 3.9    | 8.7            |        | 3             | 3     | -12    | 2        |          |          |
| 41744 KHUZDAR             | 2750N    | 06638E    | 1232      |           | 876.0        |                | 21.4        | 4.4    | 7.4            |        | 1             | 2     | -25    | 1        |          |          |
| 41749 NAWABSHAH           | 2615N    | 06822E    | 38        |           | 1006.7       | 1010.0         | 27.8        | 4.0    | 14.4           |        | 0             | 0     | -3     | 3        |          |          |
| 41756 JIWANI              | 2504N    | 06148E    | 57        |           | 1005.6       | 1012.1         | 25.7        | 2.1    | 20.7           |        | 0             | 0     | -9     | 3        |          |          |
| <b>41759 PASNI</b>        | 2516N    | 06329E    | 6         |           | 1011.4       | 1012.0         | 24.7        |        | 22.0           |        | 0             | 0     | -16    | 3        |          |          |
| <b>41764 HYDERABAD</b>    | 2523N    | 06825E    | 30        |           | 1004.8       | 1009.7         | 28.6        |        | 16.6           |        | 0             | 0     |        | 0        |          |          |
| 41768 CHHOR               | 2531N    | 06947E    | 6         |           | 1009.1       | 1009.8         | 28.2        | 3.8    | 14.9           |        | 0             | 0     | -4     | 4        |          |          |
| 41780 KARACHI AIRPORT     | 2454N    | 06708E    | 22        |           | 1008.4       | 1011.3         | 27.9        | 3.4    | 18.7           |        | 0             | 0     | -11    | 4        |          |          |

## SURFACE

MARCH 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. |
| <b>BANGLADESH</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 41859 RANGPUR                     | 2544N    | 08914E    | 34        |           | 1005.8       | 1009.6         | 23.8        |        | 20.2           |        | 2             | 13    |        |          | 158      | 65       |
| 41883 BOGRA                       | 2451N    | 08922E    | 20        |           | 1007.4       | 1009.5         | 14.8        |        | 21.9           |        | 2             | 28    |        |          | 225      | 80       |
| 41891 SYLHET                      | 2454N    | 09153E    | 35        |           | 1006.6       | 1010.4         | 23.8        |        | 19.6           |        | 10            | 95    |        |          | 207      | 85       |
| 41907 ISHURDI                     | 2408N    | 08903E    | 14        |           | 1007.5       | 1009.0         | 24.4        |        | 21.7           |        | 4             | 47    |        |          | 243      | 95       |
| 41923 DHAKA                       | 2346N    | 09023E    | 9         |           | 1008.3       | 1009.2         | 26.5        |        | 21.2           |        | 2             | 3     |        |          | 228      | 85       |
| 41936 JESSORE                     | 2311N    | 08910E    | 7         |           | 1008.8       | 1009.5         | 25.5        |        | 24.8           |        | 4             | 12    |        |          | 181      | 70       |
| 41943 FENI                        | 2302N    | 09125E    | 8         |           | 1008.9       | 1009.5         | 25.3        |        | 24.8           |        | 1             | 16    |        |          | 193      | 80       |
| 41950 BARISAL                     | 2245N    | 09022E    | 4         |           | 1009.5       | 1009.7         | 25.8        |        | 25.5           |        | 1             | 9     |        |          | 226      | 85       |
| 41978 CHITTAGONG (PATENGA)        | 2216N    | 09149E    | 6         |           | 1009.4       | 1010.0         | 25.7        |        | 25.5           |        | 3             | 20    |        |          | 222      | 80       |
| 41992 COX'S BAZAR                 | 2126N    | 09156E    | 4         |           | 1009.7       | 1009.9         | 25.9        |        | 25.7           |        | 0             | 0     |        |          | 238      | 80       |
| <b>INDIA</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>42027 SRINAGAR</b>             | 3405N    | 07450E    | 1587      |           | 842.1        | 1508 Y         | 13.3        | 4.5    | 7.1            |        | 7             | 37    | -84    | 1        | 121      |          |
| 42071 AMRITSAR                    | 3138N    | 07452E    | 234       |           | 983.9        | 1010.7         | 21.0        | 2.3    | 16.2           |        | 2             | 5     | -43    | 1        | 230      | 105      |
| 42147 MUKTESHWAR KUMAON           | 2928N    | 07939E    | 2311      |           |              |                | 13.8        | 2.9    | 6.8            |        | 3             | 25    | -41    | 2        |          |          |
| <b>42165 BIKANER</b>              | 2800N    | 07318E    | 224       |           | 983.7        | 1008.8         | 27.8        | 4.4    | 9.9            |        | 0             | 0     | -10    | 2        |          |          |
| <b>42182 NEW DELHI/SAFDARJUNG</b> | 2835N    | 07712E    | 216       |           | 985.4        | 1009.8         | 24.8        | 2.5    | 14.8           |        | 0             | 0     | -15    | 1        | 243      | 102      |
| 42314 DIBRUGARH /MOHANBARI        | 2729N    | 09501E    | 111       |           | 998.7        | 1011.5         | 21.7        | .4     | 19.3           |        | 15            | 140   | 53     | 4        | 156      |          |
| 42339 JODHPUR                     | 2618N    | 07301E    | 224       |           | 985.1        | 1009.7         | 27.5        |        | 9.0            |        | 0             | 0     |        | 3        |          |          |
| 42404 DHUBRI                      | 2601N    | 08959E    | 36        |           |              |                | 24.7        |        | 21.7           |        | 5             | 75    |        | 4        |          |          |
| 42452 KOTA AERODROME              | 2509N    | 07551E    | 274       |           | 979.1        | 1009.6         | 27.0        | 1.4    | 9.9            |        | 0             | 0     | -3     | 3        |          |          |
| <b>42515 CHERRAPUNJI</b>          | 2515N    | 09144E    | 1313      |           |              |                | 17.6        | 1.1    | 14.6           |        | 6             | 114   | -126   | 2        | 217      |          |
| <b>42587 DALTONGANJ</b>           | 2403N    | 08404E    | 221       |           | 983.6        | 1009.4         | 26.6        | 2.0    | 12.9           |        | 01            | 1     | -13    | 2        |          |          |
| 42619 SILCHAR                     | 2445N    | 09248E    | 29        |           | 1007.7       | 1010.9         | 24.2        |        | 22.9           |        | 11            | 183   |        | 4        |          |          |
| 42647 AHMADABAD                   | 2304N    | 07238E    | 55        |           | 1004.1       | 1010.3         | 28.1        | .8     | 13.8           |        | 0             | 0     | 0      | 4        | 309      | 112      |
| <b>42671 SAGAR</b>                | 2351N    | 07845E    | 551       |           | 948.6        | 1008.9         | 26.9        | 1.6    | 10.3           |        | 0             | 0     | -4     | 2        |          |          |
| <b>42731 DWARKA</b>               | 2222N    | 06905E    | 11        |           | 1010.1       | 1011.4         | 25.9        | .8     | 24.8           |        | 0             | 0     | 0      |          |          |          |
| 42754 INDORE                      | 2243N    | 07548E    | 567       |           | 947.0        | 1008.9         | 27.1        | 1.8    | 10.7           |        | 0             | 0     | -1     | 3        | 285      | 99       |
| 42807 CALCUTTA/ALIPORE            | 2232N    | 08820E    | 6         |           | 1009.0       | 1009.7         | 29.3        | 1.7    | 27.5           |        | 0             | 0     | -35    | 1        | 205      | 91       |
| 42867 NAGPUR SONEGAON             | 2106N    | 07903E    | 310       |           | 975.9        | 1010.1         | 28.1        | .4     | 17.0           |        | 0             | 0     | -15    | 1        | 244      | 85       |
| 42909 VERAVAL                     | 2054N    | 07022E    | 8         |           | 1009.8       | 1010.7         | 26.9        | 2.0    | 23.0           |        | 0             | 0     | 0      | 5        |          |          |
| 42933 AKOLA                       | 2042N    | 07702E    | 282       |           | 977.7        | 1008.8         | 29.9        | 1.2    | 11.9           |        | 2             | 8     | 1      | 3        |          |          |
| 42971 BHUBANESHWAR                | 2015N    | 08550E    | 46        |           | 1004.7       | 1009.8         | 30.0        | 1.4    | 26.0           |        |               | 2     | -26    | 2        | 193      | 81       |
| <b>43041 JAGDALPUR</b>            | 1905N    | 08202E    | 553       |           | 949.5        | 1009.7         | 27.6        | .7     | 15.8           |        | 0             | 0     | -12    | 1        |          |          |
| 43057 BOMBAY / COLABA             | 1854N    | 07249E    | 11        |           | 1008.7       | 1009.9         | 28.0        | 1.1    | 27.5           |        | 0             | 0     | 0      | 5        | 211      | 77       |
| <b>43063 PUNE</b>                 | 1832N    | 07351E    | 559       |           | 948.0        | 1009.3         | 26.3        | .7     | 14.5           |        | 1             | 5     | 3      | 5        | 236      | 79       |
| <b>43128 HYDERABAD AIRPORT</b>    | 1727N    | 07828E    | 545       |           | 949.7        | 1008.9         | 29.3        | .9     | 16.5           |        | 01            | 1     | -15    | 3        | 232      | 88       |
| 43150 CWC VISHAKHAPATNAM/WALTAIR  | 1742N    | 08318E    | 66        |           | 1003.9       | 1011.3         | 28.7        |        | 27.6           |        | 0             | 0     |        |          | 194      | 75       |
| 43185 MACHILIPATNAM/FRANCHPET     | 1612N    | 08109E    | 3         |           | 1009.7       | 1010.1         | 28.9        | 1.4    | 28.8           |        | 0             | 0     | -7     | 4        | 227      |          |
| 43192 GOA/PANJIM                  | 1529N    | 07349E    | 60        |           | 1003.0       | 1009.8         | 28.2        | .5     | 28.7           |        | 1             | 27    | 26     | 5        | 241      | 83       |
| 43198 BELGAUM/SAMBRE              | 1551N    | 07437E    | 758       |           | 927.4        | 1008.1         | 26.8        | .3     | 15.9           |        | 1             | 4     | -6     | 3        |          |          |
| <b>43279 CHENNAI/MINAMBAKKAM</b>  | 1300N    | 08011E    | 16        |           | 1009.4       | 1011.2         | 28.9        | .5     | 28.3           |        | 1             | 4     | 0      | 5        | 270      | 92       |
| 43284 BAJPE                       | 1255N    | 07453E    | 102       |           | 997.9        | 1009.3         | 29.1        |        | 28.1           |        | 2             | 16    |        |          | 223      | 85       |
| <b>43295 BANGALORE</b>            | 1258N    | 07735E    | 921       |           | 909.3        | 1512 Y         | 26.7        | .6     | 14.4           |        | 3             | 48    | 32     | 5        | 235      | 87       |

# SURFACE

# MARCH 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. |
| 43314 KOZHIKODE          | 1115N    | 07547E    | 5         |           | 1009.2       | 1009.8         | 30.7        | 1.8    | 31.1           |        | 1             | 3     | -8     | 3        |          |          |
| 43333 PORT BLAIR         | 1140N    | 09243E    | 79        |           | 1002.0       | 1010.9         | 27.7        | 1.2    | 28.1           |        | 4             | 36    | 27     | 5        | 232      | 88       |
| 43363 PAMBAN             | 0916N    | 07918E    | 11        |           | 1008.7       | 1010.0         | 29.3        | .8     | 33.6           |        | 4             | 27    | 10     | 4        |          |          |
| 43369 MINICOY            | 0818N    | 07309E    | 2         |           | 1009.5       | 1009.7         | 29.1        | .7     | 32.0           |        | 4             | 0021  | 0000   | 6        | 237      | 84       |
| <b>MONGOLIA</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 44214 ULGI               | 4856N    | 08956E    | 1716      |           | 822.6        | 1018.4         | .3          | 7.0    | 2.5            | .4     | 0             | T     | -1     | 1        |          |          |
| <b>HONG KONG, CHINA</b>  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 45004 KOWLOON            | 2219N    | 11410E    | 66        |           | 1008.5       | 1016.2         | 20.3        | 1.5    | 17.5           | .1     | 2             | 26    | -42    | 2        | 196      | 204      |
| <b>DPR KOREA</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 47014 CHUNGGANG          | 4147N    | 12650E    | 331       |           | 980.9        | 1021.1         | 1.4         | 4.8    | 4.9            |        | 4             | 14    | -9     | 3        | 120      | 70       |
| 47016 HYESAN             | 4124N    | 12810E    | 715       |           | 932.2        | 1019.1         | -2.0        | 2.9    | 4.1            |        | 4             | 7     | -9     | 3        | 191      | 85       |
| 47025 KIMCHAEK           | 4040N    | 12910E    | 23        |           | 1016.0       | 1018.9         | 3.3         | 2.4    | 5.8            |        | 5             | 26    | 3      | 2        | 204      | 90       |
| 47055 WONSAN             | 3911N    | 12720E    | 36        |           | 1015.7       | 1020.2         | 7.2         | 4.3    | 5.9            |        | 4             | 56    | 5      | 1        | 158      | 70       |
| 47058 PYONGYANG          | 3902N    | 12540E    | 36        |           | 1016.1       | 1020.6         | 6.1         | 4.2    | 6.5            |        | 3             | 13    | -15    | 1        | 189      | 85       |
| 47069 HAEJU              | 3802N    | 12540E    | 81        |           | 1010.4       | 1020.1         | 5.7         | 2.9    | 6.6            |        | 4             | 13    | -19    | 2        | 96       | 45       |
| <b>REPUBLIC OF KOREA</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 47101 CHUNCHEON          | 3754N    | 12740E    | 78        |           | 1011.3       | 1020.7         | 7.3         | 3.5    | 6.5            | 1.4    | 6             | 33    | -11    | 3        | 203      | 96       |
| 47105 GANGNEUNG          | 3745N    | 12850E    | 26        |           | 1016.6       | 1019.8         | 9.2         | 3.8    | 5.6            | .2     | 10            | 94    | 23     | 4        | 211      | 109      |
| 47108 SEOUL              | 3734N    | 12650E    | 86        |           | 1009.9       | 1020.3         | 8.1         | 3.6    | 6.6            | 1.2    | 6             | 50    | 4      | 3        | 209      | 102      |
| 47112 INCHEON            | 3728N    | 12630E    | 69        |           | 1011.9       | 1020.4         | 6.9         | 3.0    | 7.2            | 1.7    | 9             | 79    | 39     | 5        | 205      | 95       |
| 47115 ULLEUNGDO          | 3729N    | 13050E    | 221       |           | 992.4        | 1019.5         | 6.9         | 2.2    | 6.3            | .2     | 7             | 141   | 72     | 5        | 216      | 135      |
| 47133 DAEJEON            | 3622N    | 12720E    | 72        |           | 1012.1       | 1020.6         | 8.7         | 3.8    | 7.9            | 2.2    | 9             | 108   | 50     | 5        | 203      | 103      |
| 47138 POHANG             | 3602N    | 12920E    | 4         |           | 1019.6       | 1020.1         | 10.2        | 3.3    | 7.5            | 1.5    | 8             | 154   | 91     | 6        | 222      | 113      |
| 47159 BUSAN              | 3506N    | 12900E    | 70        |           | 1011.2       | 1019.6         | 10.0        | 2.2    | 7.8            | 1.3    | 10            | 206   | 127    | 6        | 213      | 104      |
| 47165 MOKPO              | 3449N    | 12620E    | 39        |           | 1015.6       | 1020.3         | 8.6         | 2.6    | 9.8            | 2.9    | 9             | 153   | 99     | 6        | 196      | 102      |
| 47168 YEOSU              | 3444N    | 12740E    | 67        |           | 1011.7       | 1019.6         | 9.4         | 2.3    | 8.7            | 2.4    | 10            | 224   | 157    | 6        | 214      | 97       |
| 47184 JEJU               | 3331N    | 12630E    | 23        |           | 1017.5       | 1020.0         | 11.4        | 2.9    | 9.9            | 2.0    | 9             | 118   | 50     | 4        | 191      | 112      |
| <b>JAPAN</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 47401 WAKKANAI           | 4525N    | 14140E    | 12        |           | 1012.1       | 1013.6         | .1          | 1.6    | 4.6            | .5     | 13            | 96    | 42     | 5        | 143      | 98       |
| 47407 ASAHIKAWA          | 4345N    | 14220E    | 140       |           | 997.5        | 1015.2         | -1.1        | 2.4    | 4.5            | .6     | 12            | 78    | 22     | 5        | 120      | 77       |
| 47409 ABASHIRI           | 4401N    | 14410E    | 44        |           | 1008.7       | 1014.2         | .3          | 3.0    | 4.3            | .5     | 8             | 39    | -18    | 3        | 161      | 91       |
| 47412 SAPPORO            | 4304N    | 14120E    | 26        |           | 1011.9       | 1015.2         | 2.4         | 2.5    | 4.6            | .3     | 11            | 116   | 35     | 5        | 159      | 101      |
| 47418 KUSHIRO            | 4259N    | 14420E    | 40        |           | 1009.5       | 1014.5         | 1.1         | 2.8    | 5.0            | .8     | 5             | 123   | 61     | 6        | 174      | 87       |
| 47420 NEMURO             | 4320N    | 14530E    | 39        |           | 1011.1       | 1014.5         | .7          | 2.6    | 5.0            | .8     | 8             | 36    | -28    | 2        | 188      | 96       |
| 47421 SUTTSU             | 4248N    | 14010E    | 38        |           | 1011.3       | 1015.7         | 2.3         | 1.8    | 5.1            | .5     | 10            | 82    | 20     | 4        | 125      | 103      |
| 47426 URAKAWA            | 4210N    | 14240E    | 37        |           | 1010.6       | 1015.4         | 2.4         | 2.4    | 5.5            | .9     | 6             | 104   | 52     | 5        | 190      | 95       |
| 47430 HAKODATE           | 4149N    | 14040E    | 44        |           | 1010.7       | 1016.2         | 3.4         | 2.8    | 5.8            | 1.1    | 10            | 112   | 50     | 6        | 171      | 105      |
| 47570 WAKAMATSU          | 3729N    | 13950E    | 217       |           | 993.0        | 1019.3         | 5.2         | 2.7    | 6.1            | .5     | 5             | 75    | 3      | 4        | 188      | 133      |

# SURFACE

# MARCH 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. |
| 47575 AOMORI          | 4049N    | 14040E    | 4         |           | 1016.4       | 1016.9         | 4.6         | 3.1    | 5.7            | .8     | 11            | 75    | -7     | 3        | 151      | 105      |
| 47582 AKITA           | 3943N    | 14000E    | 22        |           | 1015.7       | 1018.4         | 5.2         | 2.4    | 6.4            | 1.1    | 10            | 131   | 34     | 5        | 119      | 86       |
| 47584 MORIOKA         | 3942N    | 14110E    | 155       |           | 998.6        | 1017.9         | 4.0         | 2.5    | 5.6            | .8     | 7             | 134   | 53     | 5        | 171      | 98       |
| 47590 SENDAI          | 3816N    | 14050E    | 44        |           | 1012.4       | 1017.7         | 7.5         | 3.3    | 6.3            | 1.1    | 7             | 127   | 59     | 5        | 211      | 113      |
| 47600 WAJIMA          | 3724N    | 13650E    | 15        |           | 1018.2       | 1019.0         | 7.5         | 2.5    | 7.0            | .6     | 11            | 177   | 48     | 5        | 178      | 136      |
| 47604 NIIGATA         | 3755N    | 13900E    | 7         |           | 1018.3       | 1019.0         | 7.5         | 2.5    | 6.9            | .8     | 9             | 111   | 8      | 3        | 175      | 129      |
| 47605 KANAZAWA        | 3635N    | 13630E    | 34        |           | 1014.8       | 1019.0         | 8.7         | 2.7    | 7.0            | .4     | 11            | 208   | 52     | 5        | 194      | 146      |
| 47610 NAGANO          | 3640N    | 13810E    | 420       |           | 968.0        | 1018.6         | 6.2         | 3.2    | 6.1            | .8     | 8             | 75    | 22     | 4        | 215      | 127      |
| 47624 MAEBASHI        | 3624N    | 13900E    | 114       |           | 1003.6       | 1017.4         | 10.2        | 3.7    | 6.0            | .6     | 9             | 90    | 41     | 5        | 232      | 115      |
| 47629 MITO            | 3623N    | 14020E    | 31        |           | 1013.4       | 1017.2         | 9.9         | 3.9    | 8.2            | 1.8    | 10            | 189   | 95     | 6        | 208      | 121      |
| 47636 NAGOYA          | 3510N    | 13650E    | 56        |           | 1011.1       | 1017.9         | 11.2        | 3.6    | 7.6            | 1.1    | 9             | 203   | 93     | 5        | 232      | 122      |
| 47648 CHOSHI          | 3544N    | 14050E    | 28        |           | 1013.6       | 1017.0         | 12.3        | 3.8    | 10.6           | 2.9    | 10            | 188   | 60     | 4        | 205      | 126      |
| 47651 TSU             | 3444N    | 13630E    | 18        |           | 1016.1       | 1018.3         | 10.6        | 3.1    | 7.4            | .5     | 9             | 186   | 83     | 5        | 228      | 128      |
| 47655 OMAEZAKI        | 3436N    | 13810E    | 47        |           | 1011.2       | 1016.8         | 12.4        | 3.1    | 10.7           | 2.7    | 9             | 198   | 32     | 4        | 206      | 108      |
| 47662 TOKYO           | 3541N    | 13940E    | 36        |           | 1014.1       | 1017.0         | 11.5        | 3.0    | 8.9            | 2.5    | 11            | 220   | 121    | 6        | 198      | 120      |
| 47675 OSHIMA          | 3445N    | 13920E    | 80        |           | 1007.9       | 1017.0         | 12.5        | 4.2    | 10.9           | 3.0    | 9             | 332   | 79     | 4        | 171      | 115      |
| 47678 HACHIOJIMA      | 3307N    | 13940E    | 156       |           | 999.1        | 1017.3         | 14.2        | 2.0    | 12.5           | 2.2    | 12            | 242   | -15    | 2        | 162      | 130      |
| 47740 SAIGO           | 3612N    | 13320E    | 32        |           | 1015.8       | 1019.3         | 8.4         | 2.2    | 8.2            | 1.2    | 9             | 180   | 70     | 5        | 193      | 124      |
| 47741 MATSUE          | 3527N    | 13300E    | 23        |           | 1016.4       | 1019.2         | 9.2         | 2.3    | 8.4            | .9     | 10            | 214   | 88     | 6        | 203      | 141      |
| 47746 TOTTORI         | 3529N    | 13410E    | 16        |           | 1017.4       | 1019.3         | 9.7         | 2.8    | 8.1            | 1.0    | 9             | 180   | 56     | 4        | 190      | 146      |
| 47750 MAIZURU         | 3527N    | 13510E    | 23        |           | 1018.9       | 1019.4         | 9.1         | 2.6    | 8.3            | 1.1    | 11            | 228   | 107    | 6        | 182      | 156      |
| 47765 HIROSHIMA       | 3424N    | 13220E    | 54        |           | 1012.5       | 1019.1         | 10.9        | 3.2    | 7.5            | .3     | 7             | 201   | 93     | 5        | 218      | 125      |
| 47772 OSAKA           | 3441N    | 13530E    | 83        |           | 1008.7       | 1018.8         | 11.5        | 2.9    | 8.2            | 1.3    | 9             | 137   | 35     | 5        | 224      | 140      |
| 47778 SHIONOMISAKI    | 3327N    | 13540E    | 76        |           | 1009.2       | 1017.5         | 13.0        | 2.4    | 10.6           | 2.3    | 9             | 184   | 24     | 4        | 216      | 115      |
| 47800 IZUHARA         | 3412N    | 12910E    | 19        |           | 1018.9       | 1019.4         | 11.1        | 2.4    | 9.4            | 1.7    | 9             | 353   | 222    | 6        | 182      | 111      |
| 47807 FUKUOKA         | 3335N    | 13020E    | 15        |           | 1017.2       | 1019.0         | 11.9        | 2.4    | 9.7            | 1.7    | 10            | 148   | 50     | 4        | 202      | 129      |
| 47815 OITA            | 3314N    | 13130E    | 13        |           | 1017.3       | 1019.0         | 10.9        | 2.1    | 9.3            | 1.4    | 9             | 150   | 52     | 5        | 209      | 124      |
| 47817 NAGASAKI        | 3244N    | 12950E    | 36        |           | 1014.3       | 1018.7         | 12.4        | 2.3    | 10.9           | 2.3    | 9             | 185   | 69     | 5        | 186      | 119      |
| 47827 KAGOSHIMA       | 3133N    | 13030E    | 32        |           | 1014.2       | 1018.0         | 14.5        | 3.1    | 11.7           | 2.0    | 7             | 159   | -1     | 3        | 181      | 119      |
| 47830 MIYAZAKI        | 3156N    | 13120E    | 15        |           | 1016.1       | 1017.9         | 13.4        | 2.3    | 11.4           | 1.8    | 8             | 180   | 24     | 3        | 206      | 119      |
| 47843 FUKUE           | 3242N    | 12850E    | 27        |           | 1015.5       | 1018.8         | 11.9        | 1.9    | 11.3           | 2.4    | 12            | 231   | 71     | 5        | 168      | 114      |
| 47887 MATSUYAMA       | 3351N    | 13240E    | 34        |           | 1014.5       | 1018.7         | 11.4        | 2.8    | 8.5            | 1.1    | 9             | 168   | 82     | 5        | 218      | 127      |
| 47891 TAKAMATSU       | 3419N    | 13400E    | 14        |           | 1017.8       | 1019.1         | 10.5        | 2.6    | 8.1            | .9     | 9             | 142   | 74     | 5        | 237      | 132      |
| 47893 KOCHI           | 3334N    | 13330E    | 3         |           | 1017.3       | 1017.9         | 12.9        | 2.8    | 9.9            | 2.0    | 9             | 226   | 66     | 4        | 221      | 117      |
| 47895 TOKUSHIMA       | 3404N    | 13430E    | 6         |           | 1018.0       | 1018.8         | 10.9        | 2.2    | 9.2            | 1.9    | 9             | 165   | 82     | 5        | 224      | 133      |
| 47909 NAZE            | 2823N    | 12930E    | 8         |           | 1016.7       | 1017.6         | 17.9        | 1.3    | 15.1           | 1.3    | 11            | 111   | -84    | 0        | 124      | 146      |
| 47918 ISHIGAKIJIMA    | 2420N    | 12410E    | 11        |           | 1015.2       | 1016.9         | 21.5        | 1.3    | 18.4           | -5     | 4             | 43    | -82    | 1        | 181      | 169      |
| 47927 MIYAKOJIMA      | 2448N    | 12510E    | 42        |           | 1012.3       | 1017.2         | 20.4        | 1.1    | 17.6           | -6     | 5             | 111   | -18    | 3        | 173      | 152      |
| 47936 NAHA            | 2612N    | 12740E    | 28        |           | 1011.5       | 1017.3         | 19.9        | 1.8    | 15.9           | .0     | 8             | 101   | -61    | 2        | 182      | 160      |
| 47945 MINAMIDAITOJIMA | 2550N    | 13110E    | 21        |           | 1014.5       | 1017.0         | 20.0        | 1.2    | 16.8           | .2     | 5             | 32    | -60    | 1        | 184      | 130      |
| 47971 CHICHIIJIMA     | 2706N    | 14210E    | 8         |           | 1016.1       | 1017.1         | 20.2        | 1.6    | 18.5           | 2.6    | 9             | 125   | 59     | 5        | 159      | 100      |
| 47991 MINAMITORISHIMA | 2417N    | 15350E    | 9         |           | 1014.8       | 1015.8         | 23.6        | 1.7    | 22.3           | 2.7    | 12            | 190   | 134    | 6        | 200      | 90       |
| <b>THAILAND</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48303 CHIANG RAI      | 1958N    | 09953E    | 393       |           | 965.9        | 1009.8         | 24.7        | .6     | 21.0           | 2.2    | 4             | 36    | 17     | 5        | 247      | 100      |
| 48327 CHIANG MAI      | 1847N    | 09859E    | 314       |           | 975.0        | 1010.1         | 27.9        | 1.5    | 19.7           | .8     | 4             | 11    | -2     | 4        | 274      | 98       |

## SURFACE

MARCH 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. |
| 48354 UDON THANI                | 1723N    | 10240E    | 178       |           | 990.3        | 1010.5         | 27.6        | .0     | 21.7           | -.5    | 1             | 1     | -35    | 1        |          |          |
| 48378 PHITSANULOK               | 1647N    | 10010E    | 46        |           | 1004.3       | 1009.5         | 29.1        | .1     | 25.9           | 1.5    | 0             | T     | -29    | 1        | 270      | 102      |
| <b>48400 NAKHON SAWAN</b>       | 1548N    | 10010E    | 35        |           | 1005.5       | 1009.5         | 30.1        | -.3    | 27.5           | 1.8    | 2             | 9     | -21    | 2        | 234      | 90       |
| 48431 NAKHON RATCHASIMA         | 1458N    | 10200E    | 187       |           | 989.0        | 1010.1         | 28.6        | .3     | 25.7           | 1.9    | 2             | 29    | -13    | 3        |          |          |
| 48453 BANGNA AGROMET            | 1339N    | 10036E    | 3         |           | 1009.7       | 1010.0         | 29.3        |        | 30.3           |        | 5             | 88    |        |          | 228      | 80       |
| 48455 BANGKOK                   | 1344N    | 10030E    | 4         |           | 1009.2       | 1009.7         | 29.5        | .8     | 30.9           | 1.3    | 4             | 76    | 47     | 5        | 184      | 68       |
| <b>48462 ARANYAPRATHET</b>      | 1342N    | 10230E    | 49        |           | 1004.7       | 1010.2         | 29.2        | -.1    | 27.3           | .8     | 2             | 83    | 37     | 5        |          |          |
| 48480 CHANTHA BURI              | 1237N    | 10200E    | 4         |           | 1009.5       | 1009.9         | 28.3        | .9     | 29.7           | 1.3    | 10            | 191   | 136    | 6        |          |          |
| <b>48500 PRACHUAP KHIRIKHAN</b> | 1150N    | 09950E    | 5         |           | 1009.7       | 1010.5         | 28.6        | 1.2    | 30.3           | 1.8    | 1             | 13    | -29    | 2        |          |          |
| 48517 CHUMPHON                  | 1029N    | 100911E   | 6         |           | 1009.5       | 1010.2         | 27.9        | .5     | 29.6           | 1.1    | 5             | 75    | 19     | 4        |          |          |
| 48565 PHUKET AIRPORT            | 0809N    | 09819E    | 9         |           | 1008.1       | 1009.0         | 29.2        | 1.0    | 29.1           | .8     | 4             | 88    | 28     | 4        |          |          |
| <b>48568 SONGKHLA</b>           | 0712N    | 10030E    | 7         |           | 1009.3       | 1010.1         | 28.3        | .0     | 29.9           | 1.1    | 1             | 1     | -36    | 1        |          |          |
| <b>VIET NAM</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48806 SON LA                    | 2120N    | 10350E    | 676       |           | 936.7        | 1013.5         | 20.2        |        | 16.9           |        | 8             | 84    |        | 5        | 179      | 100      |
| 48808 CAO BANG                  | 2240N    | 10610E    | 244       |           | 984.1        | 1013.8         | 20.6        |        | 20.0           |        | 8             | 52    |        | 3        | 13       |          |
| 48825 HA DONG                   | 2058N    | 10546E    | 8         |           | 1012.9       | 1013.8         | 22.5        |        | 22.1           |        | 3             | 38    |        | 3        | 92       |          |
| 48826 PHU LIEN                  | 2048N    | 10630E    | 116       |           | 1000.7       | 1014.3         | 20.9        |        | 22.2           |        | 7             | 73    |        | 1        | 93       |          |
| 48830 LANG SON                  | 2150N    | 10640E    | 263       |           | 983.5        | 1014.1         | 20.4        |        | 19.4           |        | 6             | 90    |        | 5        | 138      |          |
| 48840 THANH HOA                 | 1945N    | 10540E    | 5         |           | 1013.0       | 1013.6         | 21.7        |        | 22.9           |        | 2             | 6     |        | 1        | 112      | 190      |
| 48845 VINH                      | 1840N    | 10540E    | 6         |           | 1012.7       | 1013.4         | 22.1        |        | 23.6           |        | 3             | 25    |        | 1        | 99       | 135      |
| 48848 DONG HOI                  | 1729N    | 10630E    | 8         |           | 1013.4       |                | 22.2        |        | 23.6           |        | 3             | 42    |        | 2        | 89       | 50       |
| 48852 HUE                       | 1626N    | 10730E    | 10        |           | 1012.1       | 1013.1         | 23.0        |        | 24.7           |        |               |       |        |          |          |          |
| <b>48855 DA NANG</b>            | 1604N    | 10820E    | 7         |           | 1012.6       | 1013.4         | 24.4        |        | 24.8           |        |               |       |        |          | 163      | 85       |
| 48870 QUY NHON                  | 1346N    | 10910E    | 6         |           | 1011.8       | 1012.5         | 25.7        |        | 26.0           |        | 0             | T     |        | 2        | 251      |          |
| 48877 NHA TRANG                 | 1213N    | 10910E    | 4         |           | 1011.6       | 1012.1         | 26.2        |        | 16.0           |        | 2             | 29    |        | 2        | 274      | 110      |
| 48887 PHAN THIET                | 1056N    | 10800E    | 8         |           | 1010.3       | 1010.9         | 26.9        |        | 26.5           |        | 0             | T     |        | 1        | 298      | 95       |
| 48914 CA MAU                    | 0911N    | 10500E    | 2         |           | 1010.1       | 1010.3         | 28.1        |        | 28.5           |        |               |       |        |          | 242      |          |
| 48917 PHU QUOC                  | 1013N    | 10350E    | 4         |           | 1010.0       | 1010.1         | 27.9        |        | 30.8           |        | 18            | 0445  |        |          | 235      |          |
| <b>CHINA</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>50527 HAILAR</b>             | 4913N    | 11940E    | 611       |           | 939.1        | 1021.3         | -9.2        | 2.5    | 2.3            | .4     |               |       |        |          | 237      | 96       |
| <b>50745 QIQIHAR</b>            | 4723N    | 12350E    | 148       |           | 1000.1       | 1019.0         | -3.1        | 1.4    | 2.6            | .4     | 3             | 7     | 3      | 4        | 249      | 98       |
| 50963 TONGHE                    | 4558N    | 12840E    | 110       |           | 1005.3       | 1019.5         | -5.4        |        | 3.0            |        |               |       |        |          | 187      | 80       |
| <b>51076 ALTAY</b>              | 4744N    | 08805E    | 737       |           | 932.8        | 1021.4         | 2.6         | 8.0    | 5.2            | 2.1    | 7             | 25    | 17     | 5        | 148      | 61       |
| 51243 KARAMAY                   | 4536N    | 08451E    | 428       |           | 965.2        | 1019.4         | 8.2         |        | 5.9            |        | 2             | 5     |        | 4        | 166      | 75       |
| 51431 YINING                    | 4357N    | 08120E    | 664       |           | 940.2        | 1018.3         | 9.7         | 6.6    | 7.3            | 1.8    | 5             | 25    | 4      | 4        | 196      | 95       |
| <b>51463 WU LU MU QI</b>        | 4348N    | 08739E    | 947       |           | 910.0        | 1019.2         | 7.1         |        | 5.9            |        | 5             | 24    |        | 4        | 184      | 95       |
| 51644 KUQA                      | 4143N    | 08257E    | 1100      |           | 891.9        | 1014.8         | 10.9        |        | 4.2            |        | 0             | T     |        | 3        | 225      | 105      |
| 51656 KORLA                     | 4145N    | 08608E    | 933       |           | 911.2        | 1014.8         | 10.9        |        | 4.8            |        | 1             | 3     |        | 5        | 228      | 100      |
| <b>51709 KASHI</b>              | 3928N    | 07559E    | 1291      |           | 860.0        | 1013.3         | 12.5        | 4.8    | 4.0            | -.7    | 0             | T     | -5     | 2        | 155      | 81       |
| 51747 TAZHONG                   | 3900N    | 08340E    | 1099      |           | 889.2        | 1013.8         | 11.1        |        | 2.7            |        |               |       |        |          | 236      |          |
| <b>51777 RUOQIANG</b>           | 3902N    | 08810E    | 889       |           | 912.2        | 1014.2         | 11.8        | 4.8    | 3.6            | .7     | 0             | 0     | -1     | 4        | 233      | 99       |
| <b>51828 HOTAN</b>              | 3708N    | 07956E    | 1375      |           | 860.2        | 1011.1         | 14.6        | 5.8    | 3.0            | -.8    | 0             | 0     | -1     | 4        | 184      | 96       |
| <b>52203 HAMI</b>               | 4249N    | 09331E    | 739       |           | 928.9        | 1014.7         | 10.5        | 5.9    | 3.8            | 1.1    | 0             | T     | -1     | 2        | 239      | 88       |

# SURFACE

# MARCH 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. |
| 52267 EJIN QI          | 4157N    | 10100E    | 941       |           | 907.7        | 1016.5         | 9.0         |        | 2.8            |        | 0             | 0     |        | 3        | 246      | 90       |
| 52323 MAZONG SHAN      | 4148N    | 09702E    | 1770      |           | 822.1        |                | 3.6         |        | 2.7            |        | 0             | T     |        | 3        | 256      | 90       |
| 52418 DUNHUANG         | 4009N    | 09441E    | 1140      |           | 885.9        | 1015.3         | 10.0        |        | 3.1            |        | 0             | T     |        | 2        | 253      | 95       |
| 52495 BAYAN MOD        | 4045N    | 10430E    | 1329      |           | 866.8        | 1017.5         | 6.3         |        | 2.7            |        | 0             | T     |        | 3        | 244      | 90       |
| <b>52533 JIUQUAN</b>   | 3946N    | 09829E    | 1478      |           | 851.1        | 1016.8         | 7.5         | 5.9    | 3.0            | .4     | 0             | 0     | -4     | 1        | 247      | 102      |
| 52681 MINQIN           | 3838N    | 10300E    | 1367      |           | 862.3        | 1016.1         | 8.8         |        | 2.5            |        | 0             | T     |        | 2        | 275      | 105      |
| <b>52836 DOULAN</b>    | 3618N    | 09806E    | 3190      |           | 690.0        |                | 1.3         | 2.9    | 1.8            | .0     |               |       |        |          | 210      | 82       |
| 52866 XINING           | 3637N    | 10140E    | 2296      |           | 769.3        |                | 4.9         |        | 2.9            |        |               |       |        |          | 224      | 105      |
| 52983 YU ZHONG         | 3552N    | 10400E    | 1875      |           | 810.1        |                | 6.6         |        | 4.1            |        |               |       |        |          | 222      | 110      |
| <b>53068 ERENHOT</b>   | 4339N    | 11200E    | 966       |           | 904.9        | 1019.1         | 2.3         | 6.9    | 2.0            | .3     | 1             | 3     | 2      | 4        | 241      | 85       |
| 53336 HALIUT           | 4134N    | 10830E    | 1290      |           | 870.0        | 1017.4         | 5.5         |        | 2.7            |        | 1             | 2     |        | 3        | 200      | 75       |
| 53463 HOHHOT           | 4049N    | 11140E    | 1065      |           | 885.4        | 1018.7         | 5.7         |        | 2.9            |        | 2             | 6     |        | 3        | 189      | 75       |
| <b>53614 YINCHUAN</b>  | 3828N    | 10610E    | 1112      |           | 889.2        | 1015.8         | 9.8         | 7.1    | 3.7            | .1     | 2             | 4     | -1     | 3        | 239      | 98       |
| <b>53772 TAIYUAN</b>   | 3747N    | 11230E    | 779       |           | 927.4        | 1018.4         | 9.1         | 5.3    | 5.3            | 1.3    | 1             | 4     | -6     | 2        | 193      | 92       |
| 53845 YAN AN           | 3636N    | 10930E    | 959       |           | 882.9        | 1017.0         | 9.7         |        | 5.2            |        |               |       |        |          | 199      | 95       |
| 54026 JARUD QI         | 4434N    | 12050E    | 266       |           | 987.0        | 1020.2         | 1.1         |        | 2.3            |        | 2             | 7     |        | 4        | 256      | 95       |
| 54102 XILIN HOT        | 4357N    | 11600E    | 1004      |           | 900.7        | 1020.5         | -3          |        | 2.3            |        | 2             | 8     |        | 4        | 247      | 90       |
| 54161 CHANGCHUN        | 4354N    | 12510E    | 238       |           | 990.7        | 1020.7         | -6          |        | 3.4            |        |               |       |        |          | 224      | 95       |
| 54218 CHIFENG          | 4216N    | 11850E    | 572       |           | 940.6        | 1021.6         | 2.7         |        | 2.3            |        | 1             | 2     |        | 2        | 243      | 95       |
| 54292 YANJI            | 4252N    | 12930E    | 178       |           | 987.2        | 1019.7         | -1          | 1.9    | 3.2            | .4     | 3             | 23    | 16     | 5        | 195      | 84       |
| <b>54342 SHENYANG</b>  | 4144N    | 12331E    | 43        |           | 1014.3       | 1020.4         | 2.6         | 1.9    | 4.0            | .6     |               |       |        |          | 192      | 83       |
| <b>54511 BEIJING</b>   | 3956N    | 11610E    | 55        |           | 1015.9       | 1019.9         | 8.3         | 3.2    | 4.6            | .5     | 1             | 4     | -5     | 2        | 194      | 80       |
| 54823 JINAN            | 3636N    | 11700E    | 169       |           | 998.7        | 1019.5         | 11.3        |        | 7.0            |        | 3             | 20    |        | 4        | 197      | 100      |
| <b>54857 QINGDAO</b>   | 3604N    | 12020E    | 77        |           | 1010.8       | 1020.4         | 6.7         | 1.9    | 7.3            | 1.5    | 2             | 45    | 24     | 5        | 160      | 72       |
| 55228 SHIQUANHE        | 3230N    | 08005E    | 4280      |           | 604.3        |                | -2.7        |        | .9             |        | 1             | 4     |        | 5        | 251      | 80       |
| 55472 XAINZA           | 3057N    | 08838E    | 4670      |           | 574.9        |                | -4.5        |        | 1.0            |        | 1             | 6     |        | 6        | 193      | 75       |
| <b>55591 LHASA</b>     | 2940N    | 09108E    | 3650      |           | 651.6        |                | 5.5         | .9     | 2.4            | .4     | 3             | 7     | 5      | 5        | 236      | 96       |
| 56004 TUOTUOHE         | 3413N    | 09226E    | 4535      |           | 583.1        |                | -7.1        |        | 1.4            |        | 1             | 3     |        | 4        | 204      | 85       |
| 56029 YUSHU            | 3301N    | 09701E    | 3682      |           | 646.4        |                | -5          |        | 2.6            |        | 3             | 7     |        | 4        | 163      | 75       |
| 56046 DARLAG           | 3345N    | 09939E    | 3968      |           | 626.4        |                | -3.5        |        | 2.5            |        |               |       |        |          | 200      | 95       |
| 56079 RUO'ERGAI        | 3335N    | 10250E    | 3441      |           | 668.7        |                | -3          |        | 3.6            |        |               |       |        |          | 196      | 95       |
| 56106 SOG XIAN         | 3153N    | 09347E    | 4024      |           | 621.8        |                | -9          |        | 2.1            |        | 2             | 7     |        | 2        | 147      | 75       |
| <b>56137 QAMDO</b>     | 3109N    | 09710E    | 3307      |           | 680.3        |                | 4.5         | .2     | 3.2            | .3     | 2             | 10    | 2      | 3        | 172      | 91       |
| 56187 WENJIANG         | 3045N    | 10352E    | 555       |           | 951.2        | 1015.0         | 14.5        |        | 12.7           |        |               |       |        |          | 108      | 135      |
| 56444 DEQEN            | 2827N    | 09853E    | 3320      |           | 681.4        |                | 2.7         |        | 4.6            |        |               |       |        |          | 169      | 110      |
| <b>56571 XICHANG</b>   | 2754N    | 10210E    | 1599      |           | 837.4        |                | 16.9        | 1.0    | 7.0            | .1     | 3             | 16    | 4      | 4        | 225      | 86       |
| <b>56739 TENGCHONG</b> | 2507N    | 09829E    | 1649      |           | 830.8        |                | 13.0        | .3     | 9.4            | .5     | 6             | 23    | -16    | 3        | 246      | 111      |
| 56778 KUNMING          | 2501N    | 10240E    | 1892      |           | 810.5        |                | 14.4        | 1.8    | 8.9            | .9     | 4             | 45    | 29     | 5        | 242      | 91       |
| 56964 SIMAO            | 2246N    | 10050E    | 1303      |           | 869.7        | 1011.5         | 18.5        |        | 12.6           |        |               |       |        |          | 202      | 90       |
| <b>56985 MENGZI</b>    | 2323N    | 10320E    | 1302      |           | 867.9        | 1011.3         | 17.5        |        | 13.0           |        |               |       |        |          | 223      | 100      |
| <b>57083 ZHENGZHOU</b> | 3443N    | 11330E    | 111       |           | 1005.9       | 1019.4         | 12.2        | 4.3    | 8.7            | 2.4    |               |       |        |          | 171      | 95       |
| 57131 JINGHE           | 3426N    | 10858E    | 411       |           | 968.3        | 1016.8         | 13.2        |        | 8.5            |        |               |       |        |          | 179      | 140      |
| <b>57461 YICHANG</b>   | 3042N    | 11110E    | 134       |           | 987.4        | 1018.2         | 12.7        | 1.8    | 12.4           | 2.8    |               |       |        |          | 99       | 95       |
| 57494 WUHAN            | 3037N    | 11400E    | 23        |           | 1015.4       | 1018.3         | 12.9        |        | 12.1           |        | 12            | 136   |        | 5        | 101      | 80       |
| 57516 CHONGQING        | 2935N    | 10620E    | 260       |           | 983.8        | 1014.3         | 16.6        |        | 13.9           |        |               |       |        |          | 103      | 160      |
| 57687 CHANGSHA         | 2814N    | 11250E    | 68        |           | 1003.4       | 1017.9         | 13.9        |        | 12.2           |        |               |       |        |          | 112      | 145      |



# SURFACE

# MARCH 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. |
| <b>57745 ZHIJIANG</b>              | 2727N    | 10940E    | 273       |           | 985.0        | 1017.6         | 13.7        | 3.1    | 13.7           | 3.3    |               |       |        |          | 102      | 148      |
| 57816 GUIYANG                      | 2635N    | 10640E    | 1223      |           | 877.6        | 1014.0         | 13.8        |        | 11.7           |        |               |       |        |          | 95       | 130      |
| <b>57993 GANZHOU</b>               | 2552N    | 11500E    | 138       |           | 1000.9       | 1017.4         | 17.0        | 3.2    | 14.3           | 1.3    |               |       |        |          | 133      | 162      |
| 58027 XUZHOU                       | 3417N    | 11700E    | 42        |           | 1014.4       | 1019.6         | 11.7        |        | 8.9            |        | 3             | 43    |        | 4        | 182      | 100      |
| 58238 NANJING                      | 3200N    | 11840E    | 7         |           | 1015.0       | 1019.4         | 12.2        |        | 10.1           |        | 8             | 121   |        | 4        | 156      | 105      |
| <b>58362 SHANGHAI</b>              | 3124N    | 12120E    | 8         |           | 1019.3       | 1020.1         | 12.1        |        | 10.8           |        |               |       |        |          | 141      | 105      |
| <b>58606 NANCHANG</b>              | 2836N    | 11550E    | 50        |           | 1012.4       | 1018.2         | 14.5        | 3.6    | 12.6           | 1.8    |               |       |        |          | 124      | 132      |
| 58633 QU XIAN                      | 2858N    | 11850E    | 71        |           | 1008.5       | 1018.6         | 14.2        |        | 12.3           |        |               |       |        |          | 115      | 115      |
| 58666 DACHEN DAO                   | 2827N    | 12150E    | 84        |           | 1009.0       | 1019.6         | 12.0        |        | 12.5           |        |               |       |        |          | 110      | 95       |
| 58847 FUZHOU                       | 2605N    | 11910E    | 85        |           | 1008.4       | 1018.5         | 16.5        |        | 13.3           |        |               |       |        |          | 146      | 155      |
| 59211 BAISE                        | 2354N    | 10630E    | 177       |           | 992.7        | 1013.2         | 21.2        |        | 18.3           |        | 6             | 40    |        | 4        | 134      | 125      |
| <b>59287 GUANGZHOU</b>             | 2310N    | 11320E    | 42        |           | 1007.9       | 1016.3         | 19.4        | 1.7    | 18.2           | 1.1    | 4             | 56    | -29    | 2        | 127      | 172      |
| <b>59316 SHANTOU</b>               | 2324N    | 11640E    | 3         |           | 1016.5       | 1016.9         | 19.5        | 3.3    | 15.7           | .1     |               |       |        |          | 186      | 174      |
| <b>59431 NANNING</b>               | 2238N    | 10810E    | 126       |           | 996.9        | 1014.8         | 19.8        | 2.2    | 18.6           | 1.8    |               |       |        |          | 103      | 147      |
| <b>59758 HAIKOU</b>                | 2002N    | 11020E    | 24        |           | 1007.0       | 1014.6         | 22.2        | .9     | 21.4           | -6     |               |       |        |          | 212      | 150      |
| 59948 SANYA                        | 1814N    | 10930E    | 420       |           | 966.4        | 1014.7         | 20.3        |        | 21.4           |        | 4             | 85    |        | 5        | 154      | 85       |
| 59981 XISHA DAO                    | 1650N    | 11220E    | 5         |           | 1013.0       | 1013.7         | 25.3        |        | 24.9           |        | 2             | 11    |        | 4        | 238      | 90       |
| <b>AFRICA</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>MADEIRA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 08522 FUNCHAL                      | 3238N    | 01654W    | 58        |           | 1011.7       | 1018.6         | 17.7        | 1.4    | 14.2           | 1.2    | 10            | 133   | 69     | 5        | 227      | 125      |
| 08524 PORTO SANTO                  | 3304N    | 01621W    | 97        |           | 1008.7       | 1018.4         | 16.9        |        | 14.9           |        | 6             | 21    |        | 2        | 210      | 120      |
| <b>SPAIN (CANARY ISLANDS)</b>      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60001 HIERRO/AEROPUERTO            | 2749N    | 01753W    | 32        |           | 1015.9       | 1019.7         | 19.6        |        | 16.1           |        | 2             | 4     |        | 2        | 221      | 125      |
| 60005 LA PALMA/AEROPUERTO          | 2837N    | 01745W    | 31        |           | 1014.7       | 1018.3         | 19.2        |        | 15.8           |        | 2             | 29    |        | 4        | 181      | 110      |
| <b>60010 IZANA</b>                 | 2819N    | 01630W    | 2371      |           | 768.7        | 1016.1         | 7.6         |        | 4.6            |        | 01            | 1     |        | 2        | 349      | 130      |
| 60015 TENERIFE/LOS RODEOS          | 2828N    | 01619W    | 632       |           | 948.2        | 1019.4         | 14.5        |        | 13.2           |        | 4             | 21    |        | 1        | 198      | 110      |
| 60020 STA. CRUZ DE TENERIFE        | 2827N    | 01615W    | 36        |           | 1014.7       | 1018.9         | 19.7        | 1.1    | 14.1           | .9     |               |       |        |          | 270      | 126      |
| 60025 TENERIFE SUR                 | 2803N    | 01634W    | 77        |           | 1009.9       | 1018.9         | 19.7        |        | 15.1           |        | 01            | 1     |        | 2        | 284      | 135      |
| 60030 LAS PALMAS DE GRAN CANARIA/G | 2756N    | 01523W    | 47        |           | 1013.2       | 1018.7         | 19.3        | .9     | 13.7           | -1     | 0             | 0     | -9     | 1        | 265      | 126      |
| 60035 FUERTEVENTURA/AEROPUERTO     | 2827N    | 01352W    | 30        |           | 1015.2       | 1018.7         | 19.5        |        | 15.1           |        | 1             | 1     |        | 2        | 249      | 115      |
| 60040 LANZAROTE/AEROPUERTO         | 2857N    | 01336W    | 21        |           | 1016.2       | 1018.7         | 19.3        | .9     | 14.3           | .2     | 01            | 1     | -10    | 1        | 288      | 125      |
| <b>MOROCCO</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60101 TANGER (AERODROME)           | 3544N    | 00554W    | 21        |           | 1012.7       | 1015.2         | 14.3        | .3     | 12.9           |        | 21            | 261   | 190    | 6        | 134      | 55       |
| 60115 OUJDA                        | 3447N    | 00156W    | 470       |           | 959.2        | 1014.1         | 12.8        | .6     | 10.6           |        | 12            | 87    | 43     | 5        | 206      | 90       |
| 60120 KENITRA                      | 3418N    | 00636W    | 14        |           | 1015.7       | 1016.2         | 14.8        | .4     | 13.4           |        | 19            | 169   | 95     | 6        | 180      | 75       |
| 60135 RABAT-SALE                   | 3403N    | 00646W    | 84        |           | 1007.7       | 1016.6         | 14.4        | .2     | 12.7           |        | 19            | 328   | 268    | 0        | 157      | 40       |
| 60150 MEKNES                       | 3353N    | 00532W    | 576       |           | 951.3        | 1016.6         | 12.5        | -4     | 12.1           |        | 19            | 172   | 94     | 6        | 192      | 80       |
| 60155 CASABLANCA                   | 3334N    | 00740W    | 57        |           | 1010.3       | 1020.4         | 15.7        | 1.6    | 14.2           |        | 13            | 123   | 73     | 5        | 235      | 60       |

# SURFACE

# MARCH 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. |
| <b>60195 MIDELT</b>              | 3241N    | 00444W    | 1515      |           | 847.9        | 1495 Y         | 10.7        | .8     | 6.4            |        | 4             | 21    | 4      | 3        | 279      | 75       |
| 60230 MARRAKECH                  | 3137N    | 00802W    | 468       |           | 963.2        | 1016.6         | 15.4        | -.4    | 9.3            |        | 3             | 28    | -9     | 3        | 273      | 105      |
| <b>60265 OUARZAZATE</b>          | 3056N    | 00654W    | 1140      |           | 885.8        | 1485 Y         | 16.4        | 1.6    | 5.4            |        | 08            | 0099  | 0092   | 2        | 334      | 90       |
| <b>SPAIN (CEUTA AND MELILLA)</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60338 MELILLA                    | 3517N    | 00257W    | 55        |           | 1006.4       | 1012.9         | 16.2        | 1.5    | 11.8           | -2     | 6             | 32    | -5     | 3        | 234      | 124      |
| <b>ALGERIA</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60351 JIJEL-ACHOUAT              | 3648N    | 00553E    | 10        |           | 1008.5       | 1010.0         | 14.4        |        | 12.0           |        | 16            | 199   |        |          | 176      | 45       |
| 60355 SKIKDA                     | 3653N    | 00654E    | 3         |           | 1008.7       | 1009.4         | 15.2        | 2.0    | 11.1           |        | 10            | 81    | 6      | 3        | 173      | 45       |
| 60360 ANNABA                     | 3630N    | 00749E    | 4         |           | 1007.7       | 1008.7         | 13.5        | .6     | 11.7           |        | 11            | 57    | -10    | 3        | 179      | 45       |
| 60390 DAR-EL-BEIDA               | 3641N    | 00313E    | 29        |           | 1007.9       | 1011.3         | 14.1        | 1.3    | 12.3           |        | 16            | 118   | 45     | 5        | 184      | 50       |
| 60395 TIZI-OUZOU                 | 3642N    | 00403E    | 189       |           | 993.0        | 1011.3         | 13.6        |        | 11.5           |        | 18            | 187   |        |          | 155      | 40       |
| 60402 BEJAIA-AEROPORT            | 3643N    | 00504E    | 3         |           | 1009.2       | 1010.0         | 14.2        | 1.1    | 11.9           |        | 6             | 196   | 96     | 1        | 180      |          |
| 60403 GUELMA                     | 3628N    | 00728E    | 228       |           | 983.6        | 1010.4         | 13.0        |        | 11.4           |        | 11            | 84    |        |          | 176      | 45       |
| 60405 BOUCHEGOUF                 | 3630N    | 00743E    | 111       |           | 996.5        | 1009.6         | 13.6        |        | 11.0           |        | 12            | 85    |        |          |          |          |
| 60415 AIN-BESSAM                 | 3619N    | 00332E    | 748       |           | 925.2        | 1449 Y         | 10.5        |        | 9.2            |        | 15            | 99    |        |          | 186      | 50       |
| 60419 CONSTANTINE                | 3617N    | 00637E    | 694       |           | 930.8        | 1010.6         | 10.6        | 1.0    | 8.6            |        | 10            | 92    | 31     | 5        | 186      | 50       |
| 60421 OUM EL BOUAGHI             | 3552N    | 00707E    | 891       |           | 907.8        | 1437 Y         | 10.7        |        | 7.9            |        | 11            | 39    |        |          | 201      | 55       |
| 60423 SOUK AHRAS                 | 3617N    | 00758E    | 680       |           | 912.9        | 1415 Y         | 10.3        |        | 8.9            |        | 15            | 115   |        |          | 178      |          |
| 60425 CHLEF                      | 3613N    | 00120E    | 144       |           | 992.4        | 1011.8         | 13.6        | .3     | 12.3           |        | 18            | 126   | 87     | 6        | 181      | 45       |
| 60430 MILIANA                    | 3618N    | 00214E    | 721       |           | 929.0        | 1012.2         | 10.4        | -.9    | 9.6            |        | 18            | 211   | 99     | 5        | 162      | 40       |
| 60437 MEDEA                      | 3617N    | 00244E    | 1036      |           | 891.5        | 1426 Y         | 8.1         |        | 9.0            |        | 17            | 195   |        |          | 121      |          |
| 60444 BORDJ-BOU-ARRERIDJ         | 3604N    | 00446E    | 930       |           | 903.0        | 1455 Y         | 10.0        |        | 8.1            |        | 2             | 52    |        | 1        | 191      | 50       |
| 60445 SETIF                      | 3611N    | 00515E    | 1040      |           | 895.6        | 1443 Y         | 8.6         |        | 7.3            |        | 10            | 89    |        |          | 197      | 50       |
| 60452 ARZEW                      | 3549N    | 00016W    | 4         |           | 1011.2       | 1011.7         | 15.5        |        | 13.1           |        | 13            | 72    |        |          |          |          |
| 60468 BATNA                      | 3545N    | 00619E    | 826       |           | 915.9        | 1442 Y         | 10.7        | 2.5    | 7.7            |        | 9             | 39    | 1      | 4        | 204      | 55       |
| 60475 TEBESSA                    | 3525N    | 00807E    | 823       |           | 917.0        | 1449 Y         | 12.1        | 2.6    | 7.2            |        | 6             | 20    | -24    | 1        | 213      | 55       |
| 60490 ORAN-SENIA                 | 3538N    | 00036W    | 91        |           | 1001.6       | 1012.5         | 14.6        | 1.2    | 12.0           |        | 14            | 109   | 66     | 5        | 225      | 60       |
| 60507 MASCARA-GHRISS             | 3513N    | 00009E    | 513       |           | 953.1        | 1012.9         | 12.1        |        | 11.8           |        | 17            | 113   |        |          | 181      | 45       |
| 60511 TIARET                     | 3521N    | 00128E    | 978       |           | 900.7        | 1457 Y         | 9.1         |        | 8.9            |        | 17            | 134   |        |          | 185      | 50       |
| 60514 KSAR CHELLALA              | 3510N    | 00219E    | 801       |           | 921.8        | 1469 Y         | 11.2        |        | 8.8            |        | 10            | 56    |        |          | 195      | 50       |
| 60515 BOU-SAADA                  | 3520N    | 00412E    | 461       |           | 957.7        | 1011.4         | 14.5        |        | 9.8            |        | 5             | 20    |        |          | 177      | 45       |
| 60517 GHAZAOUET                  | 3506N    | 00152W    | 5         |           | 1012.1       | 1013.4         | 15.9        |        | 13.1           |        | 14            | 71    |        |          |          |          |
| 60518 BENI-SAF                   | 3518N    | 00121W    | 70        |           | 1003.0       | 1011.2         | 15.4        |        | 12.7           |        | 11            | 70    |        |          | 212      | 55       |
| 60520 SIDI-BEL-ABBES             | 3512N    | 00037W    | 476       |           | 956.2        | 1013.0         | 12.2        |        | 11.2           |        | 15            | 102   |        |          | 217      | 55       |
| 60525 BISKRA                     | 3448N    | 00544E    | 89        |           | 1000.4       | 1011.0         | 17.4        | 1.0    | 8.9            |        | 2             | 13    | 1      | 3        | 208      | 55       |
| 60531 TLEMEN-CEN-ZENATA          | 3501N    | 00128W    | 247       |           | 984.3        | 1013.4         | 13.9        |        | 11.2           |        | 11            | 80    |        |          | 216      | 55       |
| 60535 DJELFA                     | 3420N    | 00323E    | 1185      |           | 878.3        | 1455 Y         | 9.2         | .9     | 7.4            |        | 11            | 60    | 22     | 4        | 192      | 50       |
| 60536 SAIDA                      | 3452N    | 00009E    | 752       |           | 927.0        | 1468 Y         | 11.3        |        | 9.7            |        | 7             | 95    |        | 1        | 203      |          |
| 60540 EL-KHEITER                 | 3409N    | 00004E    | 1001      |           | 897.6        | 1451 Y         | 11.0        |        | 8.7            |        | 8             | 26    |        |          |          |          |
| 60545 LAGHOUAT                   | 3346N    | 00256E    | 763       |           | 924.9        | 1468 Y         | 14.7        |        | 6.7            |        | 1             | 2     |        |          | 224      | 60       |
| 60549 MECHERIA                   | 3335N    | 00017W    | 1150      |           | 888.6        | 1492 Y         | 11.6        |        | 8.5            |        | 5             | 30    |        |          | 214      | 55       |
| 60550 EL-BAYADH                  | 3340N    | 00100E    | 1347      |           | 861.2        | 1469 Y         | 8.8         |        | 6.6            |        | 12            | 65    |        |          | 211      | 55       |
| 60555 TOUGGOURT                  | 3307N    | 00608E    | 92        |           | 1000.7       | 1011.5         | 18.2        |        | 8.1            |        | 2             | 4     |        |          | 226      | 60       |

# SURFACE

# MARCH 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. |
| 60557 NAAMA          | 3316N    | 00018W    | 1166      |           | 882.2        | 1475 Y         | 11.4        |        | 6.8            |        | 7             | 26    |        |          | 215      |          |
| 60559 EL-OUED        | 3330N    | 00647E    | 69        |           | 1003.0       | 1010.8         | 18.7        | 2.6    | 9.0            |        | 1             | 2     | -7     | 2        | 179      | 60       |
| 60563 HASSIR'MEL     | 3256N    | 00317E    | 764       |           | 924.9        | 1474 Y         | 14.6        |        | 7.1            |        | 3             | 7     |        |          | 224      | 65       |
| 60566 GHARDAIA       | 3224N    | 00348E    | 469       |           | 959.4        | 1014.5         | 12.2        | -3.4   | 6.1            |        | 1             | 4     | -2     | 4        | 219      |          |
| 60571 BECHAR         | 3130N    | 00215W    | 816       |           | 920.3        | 1487 Y         | 17.8        | 2.0    | 5.9            |        | 0             | T     | -6     | 2        | 311      | 80       |
| 60580 OUARGLA        | 3156N    | 00524E    | 148       |           | 994.6        | 1011.8         | 19.2        |        | 5.9            |        | 0             | 0     |        |          | 247      | 65       |
| 60581 HASSI-MESSAOUD | 3140N    | 00609E    | 144       |           | 995.0        | 1012.0         | 19.5        | 2.6    | 6.7            |        | 0             | 0     | -7     | 2        | 266      |          |
| 60590 EL-GOLEA       | 3034N    | 00252E    | 403       |           | 966.6        | 1012.9         | 18.4        | 2.6    | 7.7            |        | 0             | 0     | -5     | 2        | 295      | 80       |
| 60602 BENI-ABBES     | 3008N    | 00210W    | 505       |           | 952.6        | 1010.9         | 20.3        | 2.4    | 5.8            |        | 0             | 0     | -1     | 3        | 306      | 80       |
| 60607 TIMIMOUN       | 2915N    | 00017E    | 317       |           | 975.7        | 1012.0         | 20.8        | 2.6    | 5.2            |        | 0             | 0     | -2     | 3        | 285      |          |
| 60611 IN-AMENAS      | 2803N    | 00938E    | 562       |           | 948.4        | 1011.8         | 20.3        | 3.3    | 4.4            |        | 0             | 0     | -3     | 3        | 306      | 80       |
| 60620 ADRAR          | 2753N    | 00011W    | 283       |           | 979.5        | 1012.0         | 21.0        | 1.6    | 3.0            |        | 0             | 0     | -2     | 4        | 296      | 65       |
| 60630 IN-SALAH       | 2714N    | 00230E    | 269       |           | 981.3        | 1012.1         | 21.8        | .8     | 4.0            |        | 0             | 0     | -1     | 3        | 302      | 80       |
| 60640 ILLIZI         | 2630N    | 00825E    | 544       |           | 950.3        | 1011.5         | 22.6        |        | 8.1            |        | 0             | 0     |        |          | 320      | 85       |
| 60656 TINDOUF        | 2742N    | 00810W    | 443       |           | 962.4        | 1013.4         | 19.7        |        | 7.7            |        | 0             | 0     |        |          | 321      | 85       |
| 60670 DJANET         | 2416N    | 00928E    | 970       |           | 904.8        | 1506 Y         | 21.2        | 1.5    | 5.0            |        | 0             | 0     | -2     | 3        | 326      | 85       |
| 60680 TAMANRASSET    | 2248N    | 00526E    | 1364      |           | 863.6        | 1514 Y         | 19.8        | 1.7    | 2.9            |        | 0             | 0     | -2     | 4        | 349      | 100      |
| <b>TUNISIA</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 60715 TUNIS-CARTHAGE | 3650N    | 01014E    | 4         |           | 1008.5       | 1009.0         | 15.5        | 2.3    | 10.7           |        | 8             | 62    | 15     | 5        | 195      | 98       |
| 60725 JENDOUBA       | 3629N    | 00848E    | 144       |           | 992.6        | 1009.7         | 13.3        | 1.5    | 10.8           |        | 12            | 61    | 8      | 5        | 164      | 85       |
| 60735 KAIROUAN       | 3540N    | 01006E    | 68        |           | 1001.7       | 1009.4         | 17.6        | 3.4    | 9.5            |        | 6             | 15    | -18    | 1        | 164      | 73       |
| 60745 GAFSA          | 3425N    | 00849E    | 314       |           | 973.7        | 1010.1         | 16.2        | 2.5    | 8.5            |        | 1             | 13    | -10    | 3        | 223      | 91       |
| <b>NIGER</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61017 BILMA          | 1841N    | 01255E    | 357       |           | 970.0        | 1011.0         | 25.8        |        | 7.5            |        |               |       |        |          | 275      | 90       |
| 61024 AGADEZ         | 1658N    | 00759E    | 502       |           | 953.8        | 1008.8         | 29.8        |        | 5.7            |        | 0             | 0     |        | 5        | 297      | 100      |
| 61036 TILLABERY      | 1412N    | 00127E    | 210       |           | 984.8        | 1007.9         | 32.5        |        | 8.1            |        | 0             | 0     |        | 5        | 276      | 100      |
| 61043 TAHOUA         | 1454N    | 00515E    | 391       |           | 964.8        | 1006.6         | 31.8        |        | 5.5            |        |               |       |        |          | 264      | 95       |
| 61045 GOURE          | 1359N    | 01018E    | 464       |           | 959.7        | 1008.0         | 29.7        |        | 7.5            |        | 7             | 50    |        | 0        | 305      |          |
| 61049 N'GUIGMI       | 1415N    | 01307E    | 286       |           |              |                | 30.3        |        | 5.4            |        |               |       |        |          | 278      | 105      |
| 61052 NIAMEY-AERO    | 1329N    | 00210E    | 227       |           | 983.5        | 1008.0         | 32.6        |        | 7.4            |        | 1             | 3     |        | 5        | 281      | 100      |
| 61053 DOSSO          | 1302N    | 00318E    | 213       |           | 982.6        | 1006.9         | 32.2        |        | 8.2            |        |               |       |        |          | 272      |          |
| 61075 BIRNI-N'KONNI  | 1348N    | 00515E    | 273       |           | 977.9        | 1007.8         | 32.2        |        | 7.4            |        |               |       |        |          | 283      | 105      |
| 61080 MARADI         | 1328N    | 00705E    | 373       |           | 967.2        | 1008.0         | 30.8        |        | 6.2            |        | 0             | 0     |        | 5        | 274      | 100      |
| 61085 DIFFA          | 1325N    | 01247E    | 305       |           |              |                | 29.4        |        | 8.5            |        |               |       |        |          |          |          |
| 61090 ZINDER         | 1347N    | 00859E    | 453       |           | 958.4        | 1008.0         | 30.3        |        | 4.1            |        | 0             | 0     |        | 5        | 293      | 105      |
| 61091 MAGARIA        | 1259N    | 00856E    | 403       |           | 964.6        | 1009.0         | 28.7        |        | 7.2            |        | 0             | 0     |        | 0        | 286      | 105      |
| 61096 MAINE-SOROA    | 1314N    | 01159E    | 338       |           | 970.7        | 1007.9         | 30.3        |        | 4.7            |        |               |       |        |          | 267      | 95       |
| 61099 GAYA           | 1153N    | 00327E    | 203       |           | 984.5        | 1012.0         | 36.0        |        | 12.0           |        | 1             | 2     |        | 4        | 248      | 95       |
| <b>MALI</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61230 NIORO DU SAHEL | 1514N    | 00921W    | 237       |           | 983.7        | 1010.8         | 30.3        | 2.1    | 6.4            |        | 0             | 0     | 0      | 0        | 259      | 94       |
| 61233 NARA           | 1510N    | 00717W    | 271       |           | 980.5        |                | 31.2        | 2.7    | 6.6            |        | 0             | 0     | -1     | 0        | 283      | 108      |

# SURFACE

# MARCH 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. |
| 61257 KAYES                                | 1426N    | 01126W    | 47        |           | 1003.5       | 1009.5         | 33.6        | 2.9    | 8.4            |        | 0             | 0     | 0      | 0        | 271      | 96       |
| 61265 MOPTI                                | 1431N    | 00406W    | 276       |           | 978.0        | 1007.9         | 31.1        | 1.9    | 7.6            |        | 0             | T     | -1     | 0        | 304      | 111      |
| <b>61270 KITA</b>                          | 1304N    | 00928W    | 334       |           | 972.4        | 1008.6         | 33.5        | 2.6    | 12.6           |        | 0             | 0     | -1     | 0        | 293      | 105      |
| 61272 SEGOU                                | 1324N    | 00609W    | 289       |           |              |                | 31.3        | 1.6    | 32.3           |        | 2             | 95    | 93     | 0        | 253      | 92       |
| 61277 SAN                                  | 1320N    | 00450W    | 284       |           | 976.8        | 1008.0         | 33.6        | 3.8    | 8.9            |        |               |       |        |          |          |          |
| 61285 KENIEBA                              | 1251N    | 01114W    | 132       |           | 993.6        | 1008.2         | 33.2        | 2.0    | 11.9           |        | 0             | 0     | -1     | 0        | 288      | 104      |
| 61291 BAMAKO/SENOU                         | 1232N    | 00757W    | 381       |           | 968.3        | 1001.0         | 31.3        | 1.1    | 10.7           |        | 0             | 0     | -1     | 0        | 275      | 103      |
| 61293 KOUTIALA                             | 1223N    | 00528W    | 367       |           | 967.8        | 1007.8         | 32.0        | 3.1    | 13.1           |        | 1             | 2     | -2     | 4        | 287      | 107      |
| 61296 BOUGOUNI                             | 1125N    | 00730W    | 351       |           | 969.7        | 1008.2         | 32.0        | 2.3    | 16.7           |        | 2             | 21    | 13     | 1        | 239      | 95       |
| <b>61297 SIKASSO</b>                       | 1121N    | 00541W    | 375       |           | 962.7        | 1008.0         | 31.7        | 2.2    | 12.9           |        | 2             | 35    | 23     | 1        | 286      | 121      |
| <b>MAURITANIA</b>                          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>61415 NOUADHIBOU</b>                    | 2056N    | 01702W    | 5         |           | 1015.4       | 1015.9         | 20.3        |        | 16.6           |        | 0             | 0     |        |          |          |          |
| <b>SENEGAL</b>                             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61600 SAINT-LOUIS                          | 1603N    | 01627W    | 4         |           | 1011.4       | 1011.9         | 24.5        |        | 11.6           | -3.0   | 0             | 0     | -1     | 0        | 243      | 88       |
| <b>61612 PODOR</b>                         | 1639N    | 01458W    | 7         |           | 1010.9       | 1011.7         | 29.8        |        | 9.6            | .4     |               | 4     | 3      | 0        | 272      |          |
| 61627 LINGUERIE                            | 1523N    | 01507W    | 21        |           |              |                | 31.4        |        | 12.6           | 1.9    | 0             | 0     |        | 0        | 223      | 80       |
| 61630 MATAM                                | 1539N    | 01315W    | 17        |           | 1008.9       | 1010.8         | 32.2        |        | 10.4           | .8     | 0             | 0     | -1     | 5        | 232      | 80       |
| <b>61641 DAKAR/YOFF</b>                    | 1444N    | 01730W    | 27        |           | 1009.0       | 1012.3         | 20.8        |        | 19.7           | .9     | 0             | 0     |        | 0        | 222      | 78       |
| 61666 DIOUREBEL                            | 1439N    | 01614W    | 9         |           | 1010.6       | 1011.6         | 29.5        |        | 17.3           | 5.2    | 0             | T     |        | 6        | 285      | 105      |
| 61679 KAOLACK                              | 1408N    | 01604W    | 7         |           | 1012.2       | 1013.0         | 31.2        |        | 18.6           |        | 0             | 0     | -1     | 4        | 172      | 59       |
| <b>61687 TAMBACOUNDA</b>                   | 1346N    | 01341W    | 50        |           | 1003.9       | 1009.4         | 34.1        |        | 9.9            | .3     | 0             | 0     | -1     | 0        |          |          |
| 61695 ZIGUINCHOR                           | 1233N    | 01616W    | 26        |           | 1008.4       | 1011.0         | 27.7        |        | 19.3           | 2.1    | 0             | 0     |        | 0        | 224      | 77       |
| 61697 CAP-SKIRRING                         | 1224N    | 01645W    | 16        |           | 1009.7       | 1011.1         | 23.8        |        | 20.7           |        | 0             | 0     |        |          | 222      | 85       |
| 61698 KOLDA                                | 1253N    | 01458W    | 10        |           | 1008.7       | 1009.8         | 31.0        |        | 17.7           | 3.6    | 0             | 0     | -1     | 0        | 223      | 83       |
| 61699 KEDOUGOU                             | 1234N    | 01213W    | 178       |           | 989.7        | 1008.0         | 33.9        |        | 15.4           |        |               |       |        |          | 247      | 91       |
| <b>GUINEA-BISSAU</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61766 BISSAU (AEROPORTO INT. OSVAL)        | 1153N    | 01539W    | 39        |           | 1005.7       | 1010.0         | 28.0        |        | 21.6           |        |               |       |        |          |          |          |
| <b>OCEAN ISLANDS</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>61901 ST. HELENA IS.</b>                | 1556S    | 00540W    | 436       |           | 965.1        | 1015.3         | 21.1        |        |                |        | 13            | 78    |        |          | 177      | 105      |
| 61968 ILES GLORIEUSES                      | 1130S    | 04712E    | 4         |           | 1008.9       | 1009.4         | 27.9        |        | 30.7           |        | 16            | 210   |        |          |          |          |
| 61970 ILE JUAN DE NOVA                     | 1700S    | 04242E    | 10        |           | 1008.2       | 1009.3         | 29.3        |        | 31.2           |        |               |       |        |          |          |          |
| <b>61972 ILE EUROPA</b>                    | 2218S    | 04018E    | 6         |           | 1010.0       | 1010.8         | 28.2        |        | 27.5           |        | 0             | T     |        |          |          |          |
| 61976 SERGE-FROLOW (ILE TROMELIN)          | 1548S    | 05430E    | 13        |           | 1007.9       | 1008.8         | 27.9        |        | 29.9           |        | 14            | 360   |        |          |          |          |
| 61980 SAINT-DENIS/GILLOT (REUNION)         | 2053S    | 05532E    | 20        |           | 1009.2       | 1010.7         | 26.7        |        | 26.5           |        | 17            | 530   |        | 6        | 196      |          |
| <b>61996 MARTIN DE VIVIES (ILE AMSTER)</b> | 3748S    | 07730E    | 29        |           | 1022.4       | 1025.9         | 18.1        |        | 16.0           |        | 9             | 63    | -19    |          | 170      | 127      |
| <b>61997 ALFRED FAURE (ILES CROZET)</b>    | 4618S    | 05130E    | 146       |           | 995.0        | 1012.8         | 7.7         |        |                |        | 20            | 217   |        |          |          |          |
| <b>61998 PORT-AUX-FRANCAIS (ILES KERG)</b> | 4918S    | 07012E    | 29        |           | 1007.7       | 1011.3         | 9.4         | 2.4    | 8.9            |        | 10            | 91    | 32     |          | 148      | 101      |
| <b>OCEAN ISLANDS (USA)</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |

# SURFACE

# MARCH 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        |           | 1003.0       | 1012.9         | 27.5        |        | 24.8           |        | 1             | 2     |        |          |          |          |
| <b>MAURITIUS</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61974 AGALEGA                      | 1026S    | 05645E    | 3         |           | 1008.9       | 1009.4         | 27.8        | .3     | 31.6           | .9     | 15            | 394   | 225    | 6        | 197      | 85       |
| 61986 ST. BRANDON (ST. RAPHAEL)    | 1627S    | 05937E    | 4         |           | 1009.6       | 1010.0         | 28.8        | 1.0    | 31.4           | 1.1    | 14            | 356   | 223    | 5        |          |          |
| 61988 RODRIGUES                    | 1941S    | 06325E    | 59        |           | 1005.7       | 1012.0         | 27.2        | .7     | 29.0           | 1.4    | 20            | 207   | 57     | 5        | 249      | 97       |
| 61990 PLAISANCE (MAURITIUS)        | 2026S    | 05741E    | 57        |           | 1005.7       | 1011.6         | 27.4        | 1.6    | 28.9           | 1.2    | 19            | 224   | 7      | 3        | 192      | 89       |
| 61995 VACOAS (MAURITIUS)           | 2018S    | 05730E    | 425       |           | 964.0        |                | 24.3        | 8.2    | 26.0           |        | 26            | 339   |        | 4        | 175      | 80       |
| <b>LIBYA</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 62002 NALUT                        | 3152N    | 01059E    | 621       |           | 941.1        | 1488 Y         | 17.7        |        | 7.2            |        | 2             | 5     |        | 2        | 287      | 110      |
| 62007 ZUARA                        | 3253N    | 01205E    | 3         |           | 1011.3       | 1011.7         | 18.8        |        | 11.7           |        | 2             | 7     |        | 2        | 253      | 105      |
| 62008 YEFREN                       | 3205N    | 01233E    | 691       |           | 932.9        | 1463 Y         | 16.8        |        | 8.1            |        | 3             | 61    |        |          | 258      |          |
| 62016 MISURATA                     | 3225N    | 01503E    | 32        |           | 1011.1       | 1014.1         | 18.0        |        | 11.3           |        | 1             | 14    |        | 3        | 255      | 105      |
| 62018 ABU NJAYM                    | 3034N    | 01543E    | 90        |           |              |                |             |        |                |        | 0             | 0     |        |          |          |          |
| 62019 SIRTE                        | 3112N    | 01635E    | 14        |           |              |                |             |        |                |        | 1             | 1     |        | 1        |          |          |
| 62062 TOBRUK                       | 3206N    | 02356E    | 51        |           | 1008.0       | 1014.0         | 18.5        |        |                |        | 1             | 5     |        |          |          |          |
| 62103 GHADAMES                     | 3008N    | 00930E    | 347       |           |              |                |             |        |                |        | 0             | 0     |        | 2        |          |          |
| 62120 GARIAT EL-SHARGHIA           | 3023N    | 01335E    | 497       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 62131 HON                          | 2907N    | 01557E    | 267       |           |              |                |             |        |                |        | 0             | 0     |        | 3        |          |          |
| 62161 JALO                         | 2902N    | 02134E    | 60        |           | 1006.7       | 1011.8         | 22.4        |        | 8.8            |        | 0             | 0     |        | 4        |          |          |
| 62212 GHAT                         | 2508N    | 01009E    | 699       |           |              |                |             |        |                |        |               |       |        |          | 261      |          |
| 62259 TAZERBO                      | 2548N    | 02108E    | 261       |           | 983.9        | 1013.9         | 23.5        |        | 8.0            |        | 0             | 0     |        | 4        | 205      | 70       |
| <b>EGYPT</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 62306 MERSA MATRUH                 | 3120N    | 02713E    | 28        |           | 1011.9       | 1015.4         | 17.9        | 2.8    | 12.1           | .6     | 0             | 0     |        | 0        |          |          |
| 62318 NOUZHA                       | 3112N    | 02957E    | 7         |           | 1014.1       | 1013.9         | 18.6        | 2.9    | 13.6           | 1.8    | 2             | 3     |        | 1        |          |          |
| 62337 EL ARISH                     | 3105N    | 03349E    | 32        |           | 1000.3       | 1014.3         | 18.3        | 3.3    |                |        | 0             | 0     |        | 0        |          |          |
| 62387 MINYA                        | 2805N    | 03044E    | 40        |           | 1008.8       | 1013.2         | 20.6        | 3.8    |                |        | 0             | 0     |        | 0        |          |          |
| 62417 SIWA                         | 2912N    | 02519E    | -13       |           | 1001.5       | 1001.4         | 21.2        | 3.9    |                |        | 0             | 0     |        | 0        |          |          |
| 62423 FARAFRA                      | 2703N    | 02759E    | 78        |           | 1003.0       | 1012.1         | 24.5        | 6.7    | 8.3            | .9     | 0             | 0     |        | 0        |          |          |
| 62435 KHARGA                       | 2527N    | 03032E    | 78        |           | 1003.0       | 1012.1         | 24.5        | 4.1    | 8.3            | -5     | 0             | 0     |        | 0        |          |          |
| 62467 DAHAB                        | 2829N    | 03430E    | 19        |           | 1009.2       | 1011.2         | 24.8        |        |                |        | 0             | 0     |        | 0        | 300      | 95       |
| 62476 SHALATIN                     | 2308N    | 03535E    | 21        |           | 1008.2       | 1010.7         | 24.7        |        |                |        | 0             | 0     |        | 0        | 307      | 90       |
| <b>SUDAN</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 62600 WADI HALFA                   | 2149N    | 03121E    | 190       |           | 990.3        | 1010.8         | 27.5        | 5.0    | 7.7            |        | 0             | 0     | -T     | 0        |          |          |
| 62640 ABU HAMED                    | 1932N    | 03319E    | 312       |           | 973.3        | 1008.3         | 29.4        | 3.5    | 8.0            |        | 0             | 0     | 0      | 1        |          |          |
| 62641 PORT SUDAN                   | 1935N    | 03713E    | 42        |           | 1006.3       | 1015.2         | 26.8        | 2.5    | 21.5           |        | 0             | 0     | -1     | 1        |          |          |
| 62650 DONGOLA                      | 1910N    | 03029E    | 226       |           | 982.7        | 1009.3         | 28.3        | 4.4    | 6.9            |        | 0             | 0     | -T     | 0        |          |          |
| 62660 KARIMA                       | 1833N    | 03151E    | 249       |           | 969.3        | 1010.2         | 29.3        | 3.3    | 7.2            |        | 0             | 0     | -T     | 1        | 314      | 75       |
| 62680 ATBARA                       | 1742N    | 03358E    | 347       |           | 968.7        | 1007.5         | 29.8        | 2.3    | 9.1            |        | 0             | 0     | -T     | 0        | 260      | 70       |
| 62721 KHARTOUM                     | 1536N    | 03233E    | 382       |           | 964.7        | 1007.0         | 30.9        | 2.2    | 9.5            |        | 0             | 0     | 0      | 0        |          |          |

# SURFACE

# MARCH 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. |
| <b>62730 KASSALA</b>               | 1528N    | 03624E    | 500       |           | 950.6        | 1005.2         | 32.2        | 3.0    | 9.6            |        | 0             | 0     | -1     | 1        | 291      | 75       |
| 62733 HALFA EL GAIDIDA             | 1519N    | 03536E    | 451       |           | 956.7        | 1006.1         | 28.4        | -.1    | 10.9           |        | 0             | 0     | -1     | 1        |          |          |
| 62750 ED DUEIM                     | 1400N    | 03220E    | 378       |           | 964.4        | 1006.5         | 30.6        | 1.9    | 7.9            |        | 0             | 0     | -1     | 1        | 227      | 60       |
| 62751 WAD MEDANI                   | 1424N    | 03329E    | 408       |           | 962.0        | 1007.0         | 29.6        | .9     | 8.2            |        | 0             | 0     | -T     | 0        | 287      | 80       |
| 62752 GEDAREF                      | 1402N    | 03524E    | 599       |           | 939.1        | 1004.3         | 32.6        | 2.3    | 10.3           |        | 0             | T     | -1     | 1        | 113      | 70       |
| <b>62760 EL FASHER</b>             | 1337N    | 02520E    | 733       |           | 928.6        | 1007.8         | 30.5        | 5.0    | 17.7           |        | 0             | 0     | -1     | 1        | 247      | 65       |
| <b>62762 SENNAR</b>                | 1333N    | 03337E    | 418       |           | 958.1        | 1004.5         | 28.2        | -.7    | 10.8           |        | 0             | 0     | -T     | 5        | 262      | 70       |
| <b>62770 GENINA</b>                | 1329N    | 02227E    | 805       |           | 920.5        | 1006.9         | 31.2        | 4.5    | 6.2            |        | 0             | 0     | -1     | 1        | 255      | 85       |
| 62771 EL OBEID                     | 1310N    | 03014E    | 574       |           | 943.5        | 1006.4         | 29.1        | 1.7    | 5.5            |        | 0             | 0     | -1     | 5        | 249      | 65       |
| 62772 AROMA                        | 1310N    | 03240E    | 381       |           | 964.0        | 1006.2         | 30.4        | .9     | 9.4            |        | 0             | 0     | -T     | 0        |          |          |
| <b>62781 EN NAHUD</b>              | 1242N    | 02826E    | 565       |           | 945.7        | 1008.2         | 29.4        | 1.7    | 4.5            |        | 0             | 0     | -1     | 0        |          |          |
| 62790 NYALA                        | 1203N    | 02453E    | 643       |           | 936.8        | 1007.3         | 29.2        | .9     | 5.1            |        | 0             | 0     | -1     | 0        |          |          |
| 62795 ABU NA'AMA                   | 1244N    | 03408E    | 445       |           | 956.1        | 1004.7         | 32.0        | 1.8    | 8.6            |        | 0             | 0     | -1     | 0        |          |          |
| 62803 RASHAD                       | 1152N    | 03103E    | 885       |           |              |                | 31.8        | 3.3    | 6.9            |        | 1             | 23    | 22     | 2        |          |          |
| 62805 DAMAZINE                     | 1147N    | 03423E    | 474       |           | 952.7        | 1004.0         | 30.9        | .2     | 18.1           |        | 0             | T     | -2     | 1        |          |          |
| 62809 BABANUSA                     | 1120N    | 02749E    | 453       |           | 957.3        | 1006.6         | 34.4        | 4.1    | 8.3            |        | 0             | 0     | -1     | 0        | 270      | 70       |
| 62810 KADOLLI                      | 1100N    | 02943E    | 499       |           |              |                | 34.6        | 4.1    | 8.6            |        | 0             | 0     | -3     | 5        | 230      | 60       |
| <b>ETHIOPIA</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 63331 GONDAR                       | 1233N    | 03725E    | 1967      |           | 807.7        | 1022.2         | 22.3        |        | 8.1            |        | 09            | 0030  |        |          | 86       |          |
| 63471 DIREDAWA                     | 0936N    | 04151E    | 1260      |           | 885.2        | 1016.0         | 25.1        |        | 14.9           |        | 2             | 171   |        | 2        | 161      |          |
| <b>UNITED REPUBLIC OF TANZANIA</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 63756 MWANZA                       | 0228S    | 03255E    | 1140      |           | 886.6        | 1502 Y         | 22.5        |        | 21.3           |        | 10            | 176   | 29     |          | 150      |          |
| <b>63832 TABORA AIRPORT</b>        | 0505S    | 03250E    | 1190      |           | 882.4        | 1495 Y         | 22.1        |        | 21.5           |        | 16            | 226   | 47     |          | 174      |          |
| <b>63862 DODOMA</b>                | 0610S    | 03546E    | 1120      |           | 889.6        | 1507 Y         | 22.3        |        | 21.6           |        | 13            | 177   | 67     | 5        | 186      |          |
| <b>63894 DAR ES SALAAM INT</b>     | 0652S    | 03912E    | 55        |           | 1004.2       | 1010.5         | 27.2        |        | 31.0           |        | 13            | 196   | 65     |          | 171      |          |
| <b>63962 SONGEA</b>                | 1041S    | 03535E    | 1067      |           | 895.1        | 1512 Y         | 21.5        |        | 21.6           |        | 19            | 164   | -80    | 1        | 188      |          |
| 63971 MTWARA                       | 1016S    | 04011E    | 113       |           | 997.4        | 1011.3         | 26.4        |        | 29.9           |        | 18            | 190   | -24    |          | 199      |          |
| <b>DEMO. REPUBLIC OF THE CONGO</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64210 KINSHASA/N'DJILI             | 0423S    | 01526E    | 312       |           | 1009.5       |                | 27.7        |        | 27.1           |        | 5             | 71    |        |          |          |          |
| <b>CONGO</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64400 POINTE-NOIRE                 | 0449S    | 01154E    | 17        |           | 1008.8       | 1010.7         | 28.5        |        | 30.0           |        | 6             | 127   |        | 2        | 253      | 130      |
| 64401 DOLISIE                      | 0412S    | 01242E    | 331       |           | 973.4        | 1010.0         | 27.0        |        |                |        |               |       |        |          |          |          |
| 64402 MOUYONDZI                    | 0400S    | 01357E    | 512       |           | 952.1        | 1009.0         | 25.6        |        | 26.0           |        | 4             | 176   |        | 2        |          |          |
| 64405 SIBITI                       | 0341S    | 01321E    | 530       |           | 949.4        |                | 27.0        |        | 26.0           |        | 10            | 218   |        | 3        |          |          |
| 64450 BRAZZAVILLE /MAYA-MAYA       | 0415S    | 01515E    | 319       |           | 974.2        | 1009.0         | 27.8        |        | 25.0           |        | 5             | 63    |        | 0        | 211      | 110      |
| 64452 M'POUYA                      | 0237S    | 01613E    | 313       |           |              |                | 27.8        |        | 27.0           |        | 10            | 267   |        | 4        |          |          |
| 64453 DJAMBALA                     | 0232S    | 01446E    | 791       |           |              |                | 24.7        |        | 23.3           |        | 10            | 133   |        | 0        | 165      |          |
| 64454 GAMBOMA                      | 0154S    | 01551E    | 476       |           |              |                | 26.9        |        | 26.3           |        | 9             | 197   |        | 3        | 174      |          |
| 64456 MAKOUA                       | 0001S    | 01539E    | 394       |           |              |                | 26.3        |        | 26.2           |        | 7             | 36    |        |          |          |          |

# SURFACE

# MARCH 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. |  |
| <b>64459 IMPFONDO</b>           | 0137N    | 01804E    | 335       |           | 973.1        | 1009.6         | 26.8        |        |                |        |               | 8     | 110    |          | 1        |          |  |
| 64460 SOUANKE                   | 0204N    | 01402E    | 550       |           |              |                | 23.8        |        |                |        |               | 5     | 49     |          |          |          |  |
| <b>GABON</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |
| 64500 LIBREVILLE                | 0027N    | 00925E    | 15        |           | 1009.2       | 1010.5         | 27.4        | .3     | 32.1           |        | 13            | 494   | 131    |          | 178      | 101      |  |
| 64501 PORT-GENTIL               | 0042S    | 00845E    | 4         |           | 1009.8       | 1010.7         | 28.1        | .8     | 31.6           |        | 17            | 255   | -11    |          | 172      | 112      |  |
| 64510 BITAM                     | 0205N    | 01129E    | 600       |           |              |                |             |        |                |        | 16            | 221   | 46     |          |          |          |  |
| 64551 LAMBARENE                 | 0043S    | 01014E    | 27        |           |              |                |             |        |                |        | 6             | 102   | -151   |          |          |          |  |
| 64556 MAKOKOU                   | 0034N    | 01252E    | 515       |           |              |                |             |        |                |        | 8             | 322   | 132    |          |          |          |  |
| 64560 LASTOURSVILLE             | 0050S    | 01243E    | 485       |           |              |                |             |        |                |        | 9             | 128   | -84    |          |          |          |  |
| <b>CENTRAL AFRICAN REPUBLIC</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |
| 64600 BERBERATI                 | 0415N    | 01548E    | 583       |           | 944.1        | 1007.7         | 25.2        |        | 23.5           |        | 8             | 117   |        |          |          |          |  |
| 64601 BOUAR                     | 0558N    | 01538E    | 1020      |           | 898.8        | 1504 Y         | 24.2        |        | 20.1           |        | 5             | 21    |        |          |          |          |  |
| 64650 BANGUI                    | 0424N    | 01831E    | 366       |           | 967.7        | 1008.2         | 27.0        |        | 26.7           |        | 11            | 144   |        |          | 208      |          |  |
| <b>CHAD</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |
| <b>64700 NDJAMENA</b>           | 1208N    | 01502E    | 295       |           | 973.6        | 1006.4         | 32.0        |        | 7.7            | -2     | 1             | 31    | 30     | 6        | 242      | 86       |  |
| 64750 SARH                      | 0909N    | 01823E    | 365       |           | 966.3        | 1006.1         | 32.4        |        | 17.3           | 1.5    | 0             | 0     | -9     | 6        | 239      | 98       |  |
| <b>EQUATORIAL GUINEA</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |
| 64810 MALABO                    | 0345N    | 00846E    | 56        |           | 1007.3       | 1010.3         | 27.2        |        | 30.7           |        | 10            | 139   |        |          |          |          |  |
| <b>CAMEROON</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |
| 64860 GAROUA                    | 0920N    | 01323E    | 244       |           | 980.2        | 1005.9         | 33.7        | 1.5    | 12.7           | .8     | 0             | 0     | -2     | 5        | 255      | 98       |  |
| <b>NIGERIA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |
| 65123 MINNA                     | 0937N    | 00632E    | 262       |           | 973.3        | 1004.7         | 31.7        | 1.5    | 21.2           | 1.9    | 1             | 6     | -5     | 4        | 244      | 111      |  |
| 65167 YOLA                      | 0914N    | 01228E    | 191       |           | 988.5        | 1009.9         | 33.5        |        | 16.7           | 4.4    | 0             | T     | -4     | 1        | 231      | 100      |  |
| <b>TOGO</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |
| 65351 DAPAON                    | 1052N    | 00015E    | 330       |           |              |                | 32.7        |        | 26.2           |        | 1             | 10    |        | 4        |          |          |  |
| 65352 MANGO                     | 1022N    | 00028E    | 146       |           | 985.3        | 1010.5         | 32.7        | 1.2    | 21.9           |        | 3             | 35    | 7      | 4        | 255      | 101      |  |
| 65355 NIAMTOUGOU                | 0946N    | 00106E    | 343       |           | 958.1        | 1008.9         | 29.0        |        | 21.9           |        | 3             | 35    |        | 4        | 255      |          |  |
| 65357 KARA                      | 0933N    | 00110E    | 341       |           | 970.6        | 1008.8         | 30.3        |        | 23.2           |        | 6             | 47    |        | 5        | 231      |          |  |
| 65361 SOKODE                    | 0859N    | 00109E    | 387       |           |              |                | 28.5        |        | 25.0           |        | 7             | 64    | -1     | 4        |          |          |  |
| 65376 ATAKPAME                  | 0735N    | 00107E    | 402       |           | 964.2        | 1009.8         | 27.5        | -4     | 25.6           |        | 7             | 124   | 41     | 5        | 221      | 104      |  |
| 65380 TABLIGBO                  | 0635N    | 00130E    | 44        |           |              |                | 29.0        | -2     | 30.3           |        | 5             | 51    | -49    | 2        |          |          |  |
| 65387 LOME                      | 0610N    | 00115E    | 25        |           | 1007.6       | 1009.8         | 28.9        | .4     | 31.3           |        |               |       |        |          |          |          |  |
| <b>BURKINA FASO</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |

# SURFACE

# MARCH 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. |
| <b>65501 DORI</b>               | 1402N    | 00002W    | 277       |           | 977.6        | 1008.1         | 32.0        |        | 9.2            |        | 0             | 0     |        | 4        | 293      | 100      |
| 65502 OUAHIGOUYA                | 1334N    | 00225W    | 337       |           | 970.6        | 1007.2         | 32.6        |        | 7.8            |        | 0             | 0     |        | 4        | 307      | 110      |
| 65503 OUAGADOUGOU               | 1221N    | 00131W    | 316       |           | 974.4        | 1007.8         | 32.5        |        | 12.4           |        | 1             | 12    |        | 4        | 281      | 100      |
| 65505 DEDOUGOU                  | 1228N    | 00329W    | 300       |           | 974.9        | 1007.7         | 33.1        |        | 11.4           |        | 1             | 6     |        | 4        | 294      | 115      |
| 65507 FADA N'GOURMA             | 1202N    | 00022E    | 309       |           | 973.7        | 1007.5         | 32.6        |        | 13.2           |        | 0             | 0     |        | 2        | 273      | 100      |
| 65510 BOBO-DIOULASSO            | 1110N    | 00419W    | 460       |           | 957.7        | 1007.8         | 31.2        |        | 17.5           |        | 3             | 56    |        | 5        | 269      | 115      |
| <b>65516 BOROMO</b>             | 1145N    | 00256W    | 271       |           | 977.8        | 1007.5         | 32.4        |        | 14.1           |        | 2             | 20    |        | 5        | 275      | 110      |
| 65518 PO                        | 1109N    | 00109W    | 322       |           | 971.7        | 1006.9         | 32.4        |        | 18.7           |        | 1             | 2     |        | 2        | 256      | 95       |
| 65522 GAOUA                     | 1020N    | 00311W    | 335       |           | 976.1        | 1008.2         | 30.3        |        | 22.9           |        | 4             | 103   |        | 6        | 271      | 100      |
| <b>COTE D'IVOIRE</b>            |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 65545 BONDOUKOU                 | 0803N    | 00247W    | 370       |           | 968.6        | 1009.8         | 27.8        | -4     | 25.7           | 2.4    | 8             | 53    | -39    | 1        | 222      | 105      |
| 65548 MAN                       | 0723N    | 00731W    | 340       |           | 973.6        |                | 26.4        | -3     | 26.6           | 2.6    | 8             | 141   | 32     | 4        | 223      | 106      |
| 65555 BOUAKE                    | 0744N    | 00504W    | 376       |           | 967.7        | 1009.5         | 26.9        | -9     | 26.5           | 3.5    | 5             | 82    | -1     | 3        | 218      | 108      |
| 65562 DIMBOKRO                  | 0639N    | 00442W    | 92        |           |              | 1012.8         | 28.4        | -7     | 31.9           | 5.2    | 8             | 201   | 190    | 5        | 224      | 110      |
| <b>COMOROS</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>67005 PAMANDZI (MAYOTTE)</b> | 1248S    | 04517E    | 7         |           | 1008.6       | 1009.4         | 27.8        |        | 30.4           |        | 15            | 395   |        |          | 174      |          |
| <b>MADAGASCAR</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>67095 TOAMASINA</b>          | 1807S    | 04924E    | 6         |           | 1008.8       | 1009.5         | 26.3        | .8     | 26.3           | -1.4   | 23            | 628   | 150    | 4        | 173      | 91       |
| <b>MOZAMBIQUE</b>               |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 67215 PEMBA                     | 1259S    | 04032E    | 101       |           | 999.6        | 1010.7         | 27.1        |        |                |        | 14            | 151   |        |          |          |          |
| 67217 LICHINGA                  | 1318S    | 03514E    | 1365      |           | 867.3        | 1536 Y         | 20.3        |        | 21.1           |        | 15            | 226   |        | 4        |          |          |
| 67223 MONTEPUEZ                 | 1308S    | 03902E    | 535       |           | 946.7        |                | 25.0        |        | 25.6           |        | 16            | 279   |        |          |          |          |
| 67237 NAMPULA                   | 1506S    | 03917E    | 441       |           | 960.6        | 1010.9         | 25.9        |        | 26.4           |        | 11            | 106   |        |          | 234      | 105      |
| 67261 TETE                      | 1611S    | 03335E    | 150       |           | 991.5        |                | 29.0        |        | 28.4           |        | 4             | 78    |        |          | 243      |          |
| 67283 QUELIMANE                 | 1753S    | 03653E    | 16        |           | 1009.4       | 1011.3         | 27.8        |        |                |        | 12            | 139   |        |          |          |          |
| 67295 CHIMOIO                   | 1907S    | 03328E    | 732       |           | 936.4        |                | 23.2        |        | 23.9           |        | 10            | 196   |        |          | 200      |          |
| 67297 BEIRA                     | 1948S    | 03454E    | 16        |           | 1009.5       | 1011.3         | 27.3        |        | 29.1           |        | 12            | 305   |        | 4        | 236      |          |
| 67315 VILANCULOS                | 2200S    | 03519E    | 21        |           | 1010.4       | 1012.1         | 27.5        |        | 28.4           |        | 5             | 44    |        |          |          |          |
| 67323 INHAMBANE                 | 2352S    | 03523E    | 15        |           | 1011.7       | 1013.3         | 27.2        |        | 26.9           |        | 7             | 38    |        | 1        | 258      |          |
| 67335 XAI XAI                   | 2503S    | 03338E    | 5         |           | 1009.3       | 1011.0         | 26.0        |        | 26.8           |        | 8             | 126   |        | 3        | 263      |          |
| 67341 MAPUTO/MAVALANE           | 2555S    | 03234E    | 44        |           |              |                | 26.8        |        |                |        | 6             | 98    |        |          |          |          |
| <b>SOUTH AFRICA</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>68174 PIETERSBURG</b>        | 2350S    | 02925E    | 1228      |           | 879.8        | 1524 Y         | 22.3        |        | 17.6           |        | 5             | 28    | -24    | 2        | 250      | 104      |
| 68242 MMABATHO                  | 2547S    | 02532E    | 1281      |           | 873.9        | 1521 Y         | 22.5        |        | 16.8           |        | 9             | 90    |        |          | 262      |          |
| <b>68424 UPINGTON</b>           | 2825S    | 02116E    | 851       |           | 917.9        | 1514 Y         | 25.5        |        | 9.7            |        | 2             | 6     | -29    | 1        | 313      | 105      |
| <b>68438 KIMBERLEY</b>          | 2848S    | 02446E    | 1204      |           | 881.5        | 1511 Y         | 22.3        |        | 15.1           |        | 8             | 81    | 17     | 4        | 245      | 92       |
| 68442 BLOEMFONTEIN AIRPORT      | 2906S    | 02618E    | 1359      |           |              |                | 19.7        |        | 14.1           |        | 10            | 119   | 46     | 5        | 203      | 79       |
| 68461 BETHLEHEM                 | 2815S    | 02820E    | 1690      |           | 833.6        | 1524 Y         | 17.0        |        | 13.9           |        | 18            | 203   |        | 5        | 195      | 75       |



# SURFACE

# MARCH 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. |
| 68512 SPRINGBOK                        | 2940S    | 01754E    | 1007      |           | 901.5        | 1511 Y         | 20.3        |        | 10.0           |        | 2             | 24    |        | 5        | 325      |          |
| 68538 DE AAR                           | 3039S    | 02400E    | 1287      |           | 870.0        | 1487 Y         | 21.9        |        | 10.3           |        | 2             | 5     |        | 1        | 312      |          |
| 68592 KING SHAKA INT'L AIRPORT         | 2936S    | 03107E    | 109       |           |              |                | 22.9        |        | 22.3           |        | 10            | 138   |        |          | 184      |          |
| <b>68618 CALVINIA</b>                  | 3128S    | 01946E    | 975       |           | 903.9        | 1507 Y         | 20.6        |        | 10.7           |        | 2             | 13    |        | 2        | 319      | 100      |
| 68816 CAPE TOWN INTNL. AIRPORT         | 3358S    | 01836E    | 46        |           |              |                | 19.9        |        | 15.0           |        | 3             | 8     | -13    | 2        | 265      | 91       |
| 68828 GEORGE AIRPORT                   | 3401S    | 02223E    | 191       |           |              |                | 18.5        |        | 16.6           |        | 10            | 77    |        |          | 191      | 95       |
| 68842 PORT ELIZABETH                   | 3359S    | 02537E    | 69        |           |              |                | 20.1        |        | 17.9           |        | 4             | 42    | -12    | 3        | 212      | 93       |
| <b>68858 EAST LONDON</b>               | 3302S    | 02750E    | 131       |           |              |                | 20.9        |        | 19.1           |        | 11            | 142   | 36     | 4        | 194      | 95       |
| <b>68906 GOUGH ISLAND</b>              | 4021S    | 00953W    | 54        |           | 1010.2       | 1016.6         | 16.1        |        | 14.6           |        | 19            | 234   | -20    | 3        | 134      | 109      |
| <b>68994 MARION ISLAND</b>             | 4653S    | 03752E    | 22        |           | 1005.7       | 1008.6         | 7.8         |        | 8.6            |        | 19            | 149   | -67    | 1        | 85       | 75       |
| <b>N AMERICA</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>USA (ALASKA)</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>70026 BARROW/W. POST W. ROGERS</b>  | 7117N    | 15647W    | 12        |           | 1017.1       | 1017.8         | -18.1       | 8.1    | 1.4            |        | 16            | 71    | 67     | 6        |          |          |
| <b>70086 BARTER ISLAND</b>             | 7008N    | 14338W    | 15        |           |              |                | -18.8       |        |                |        |               |       |        |          |          |          |
| <b>70133 KOTZEBUE, RALPH WIEN</b>      | 6653N    | 16236W    | 5         |           | 1014.2       | 1014.9         | -10.6       | 7.0    | 2.5            |        | 16            | 56    | 48     | 6        |          |          |
| <b>70200 NOME, AK</b>                  | 6430N    | 16526W    | 6         |           | 1012.4       | 1013.3         | -8.3        | 4.7    | 2.9            |        | 18            | 78    | 65     | 6        |          |          |
| <b>70219 BETHEL/BETHEL AIRPORT, AK</b> | 6046N    | 16150W    | 44        |           | 1009.8       | 1015.6         | -5.2        | 5.2    | 3.5            |        | 6             | 13    | -2     | 3        |          |          |
| <b>70231 MCGRATH, AK</b>               | 6257N    | 15530W    | 103       |           | 1003.3       | 1016.7         | -7.5        | 4.6    | 2.7            |        | 9             | 22    | 2      | 4        |          |          |
| <b>70251 TALKEETNA</b>                 | 6218N    | 15000W    | 109       |           | 1002.0       | 1015.8         | -4.6        | 1.2    | 3.0            |        | 9             | 44    | 7      | 4        |          |          |
| <b>70261 FAIRBANKS/INT., AK</b>        | 6448N    | 14750W    | 135       |           | 999.8        | 1017.8         | -9.0        | 2.7    | 2.4            |        | 5             | 15    | 6      | 4        |          |          |
| 70273 ANCHORAGE/INT., AK               | 6109N    | 14950W    | 50        |           | 1010.0       | 1015.1         | -2.4        | 1.1    | 3.6            |        | 8             | 21    | 4      | 4        |          |          |
| <b>70308 ST. PAUL ISLANDS, AK</b>      | 5709N    | 17013W    | 10        |           | 1010.7       | 1012.6         | .8          | 5.1    | 5.8            |        | 17            | 60    | 29     | 5        |          |          |
| <b>70316 COLD BAY, AK</b>              | 5512N    | 16240W    | 31        |           | 1010.7       | 1015.8         | 1.7         | 2.9    | 6.3            |        | 14            | 67    | 13     | 4        |          |          |
| <b>70326 KING SALMON, AK</b>           | 5840N    | 15630W    | 14        |           | 1013.1       | 1015.1         | -2.0        | 3.3    | 4.4            |        | 9             | 87    | 60     | 6        |          |          |
| <b>70341 HOMER/MUNICIPAL</b>           | 5938N    | 15130W    | 24        |           | 1011.9       | 1014.8         | -.3         | 1.4    | 4.3            |        | 7             | 21    | -22    | 2        |          |          |
| <b>70361 YAKUTAT, AK</b>               | 5931N    | 13940W    | 13        |           | 1012.2       | 1013.7         | .7          | 1.3    | 5.1            |        | 13            | 96    | -176   | 1        |          |          |
| <b>70398 ANNETTE ISLAND, AK</b>        | 5502N    | 13130W    | 35        |           | 1009.1       | 1013.8         | 4.3         | .2     | 6.5            |        | 12            | 114   | -86    | 1        |          |          |
| <b>USA</b>                             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>72201 KEY WEST/INT., FL</b>         | 2433N    | 08145W    | 5         |           | 1017.0       | 1017.9         | 22.3        | -.9    | 19.0           |        | 2             | 54    | 11     | 4        |          |          |
| 72202 MIAMI, FL                        | 2545N    | 08023W    | 5         |           | 1016.6       | 1017.7         | 21.6        | -.5    | 15.8           |        | 1             | 5     | -55    | 1        |          |          |
| 72203 WEST PALM BEACH/ INT. FL.        | 2641N    | 08006W    | 7         |           | 1017.0       | 1017.8         | 19.9        | -1.2   | 14.9           |        | 4             | 20    | -73    | 1        |          |          |
| 72205 ORLANDO/JETPORT FL.              | 2826N    | 08119W    | 32        |           | 1014.1       | 1017.9         | 18.4        | -.9    | 10.9           |        | 5             | 21    | -60    | 0        |          |          |
| 72206 JACKSONVILLE/INTNL.,             | 3029N    | 08142W    | 11        |           | 1016.3       | 1017.6         | 15.3        | -.9    | 11.0           |        | 7             | 54    | -39    | 2        |          |          |
| 72207 SAVANNAH/MUNICIPAL,              | 3208N    | 08112W    | 15        |           | 1015.4       | 1017.2         | 14.5        | -.6    | 9.1            |        | 7             | 31    | -65    | 1        |          |          |
| <b>72208 CHARLESTON/MUN., SC.</b>      | 3253N    | 08001W    | 15        |           | 1014.7       | 1016.5         | 13.6        | -.9    | 9.4            |        | 9             | 57    | -53    | 2        |          |          |
| <b>72211 TAMPA/INT., FL.</b>           | 2758N    | 08232W    | 8         |           | 1017.9       | 1018.4         | 18.9        | -.3    | 13.1           |        | 4             | 9     | -67    | 1        |          |          |
| 72214 TALLAHASSEE/MUN.,                | 3023N    | 08421W    | 19        |           | 1015.5       | 1018.0         | 15.1        | -.6    | 11.1           |        | 5             | 174   | 17     | 4        |          |          |
| 72217 MACON/LEWIS B. WILSON, GA.       | 3242N    | 08339W    | 110       |           | 1004.2       | 1017.3         | 13.2        | -.6    | 8.7            |        | 7             | 67    | -54    | 1        |          |          |
| 72218 AUGUSTA/BUSH FIELD,              | 3322N    | 08158W    | 45        |           | 1011.3       | 1016.7         | 12.5        | -.6    | 8.6            |        | 9             | 82    | -36    | 2        |          |          |
| 72219 ATLANTA/MUN., GA.                | 3339N    | 08425W    | 315       |           | 980.1        | 1017.3         | 11.9        | .0     | 9.2            |        | 8             | 124   | -22    | 2        |          |          |

# SURFACE

# MARCH 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. |
| 72223 MOBILE/BATES FIELD,                 | 3041N    | 08815W    | 67        |           | 1010.4       | 1018.3         | 16.3        | .5     | 12.7           |        | 7             | 94    | -68    | 2        |          |          |
| 72226 MONTGOMERY/DANNELLY,                | 3218N    | 08624W    | 67        |           | 1010.8       | 1018.1         | 14.4        | .4     | 11.2           |        | 4             | 81    | -78    | 1        |          |          |
| <b>72231 NEW ORLEANS/MOISANT INT., LA</b> | 2959N    | 09015W    | 9         |           | 1017.4       | 1018.3         | 18.5        | 2.1    | 14.9           |        | 4             | 76    | -48    | 2        |          |          |
| <b>72234 MERIDIAN/KEY, MS.</b>            | 3220N    | 08845W    | 94        |           | 1006.8       | 1018.0         | 14.8        |        | 11.1           |        | 9             | 136   |        | 3        |          |          |
| 72235 JACKSON/ALLEN C. THOMPSON FI        | 3219N    | 09004W    | 91        |           | 1005.6       | 1017.4         | 14.8        | 1.1    | 11.7           |        | 8             | 233   | 86     | 5        |          |          |
| 72240 LAKE CHARLES/MUN.,                  | 3007N    | 09312W    | 5         |           | 1017.2       | 1018.3         | 18.5        | 2.6    | 15.0           |        | 5             | 62    | -21    | 3        |          |          |
| 72242 GALVESTON, TX.                      | 2918N    | 09448W    | 16        |           | 1016.9       |                | 20.9        | 4.4    |                |        | 3             | 34    | -22    | 3        |          |          |
| 72243 HOUSTON/INTERCONTINENTAL, TX        | 2958N    | 09521W    | 33        |           | 1013.1       | 1016.9         | 19.8        | 3.9    | 15.3           |        | 3             | 76    | 2      | 4        |          |          |
| 72244 HOUSTON, TX WM P HOBBY ARPT         | 2938N    | 09516W    | 15        |           | 1015.1       | 1017.3         | 19.7        |        | 16.2           |        | 4             | 49    |        |          |          |          |
| <b>72248 SHREVEPORT/REG., LA.</b>         | 3227N    | 09350W    | 85        |           | 1007.6       | 1016.8         | 16.7        | 2.5    | 12.6           |        | 7             | 170   | 79     | 5        |          |          |
| 72250 BROWNSVILLE/INT., TX                | 2555N    | 09725W    | 8         |           | 1014.6       | 1015.3         | 23.7        | 3.3    | 20.7           |        | 4             | 12    | -1     | 4        |          |          |
| 72251 CORPUS CHRISTI/INT.,                | 2746N    | 09730W    | 15        |           | 1014.2       | 1015.7         | 21.4        | 2.7    | 18.7           |        | 3             | 51    | 28     | 5        |          |          |
| <b>72253 SAN ANTONIO/INT.,</b>            | 2932N    | 09828W    | 247       |           | 987.3        | 1015.2         | 19.5        | 3.0    | 13.7           |        | 4             | 102   | 64     | 5        |          |          |
| 72254 AUSTIN/CTY, TX.                     | 3018N    | 09742W    | 193       |           | 993.0        | 1016.3         | 19.5        | 3.1    | 13.3           |        | 4             | 95    | 48     | 5        |          |          |
| 72255 VICTORIA/VICTORIA REGIONAL,         | 2851N    | 09655W    | 36        |           | 1012.3       | 1016.3         | 19.9        | 2.5    | 15.9           |        | 4             | 50    | 11     | 4        |          |          |
| 72256 WACO, MADISON-COOPER,               | 3137N    | 09713W    | 157       |           | 998.1        | 1016.2         | 16.6        | 2.0    | 12.5           |        | 4             | 63    | 4      | 4        |          |          |
| 72258 DALLAS, TX DALLAS LOVE FIELD        | 3250N    | 09651W    | 156       |           |              | 1016.1         |             |        | 11.6           |        | 4             | 86    |        |          |          |          |
| 72259 DALLAS-FORT WORTH/FORT WORTH        | 3254N    | 09702W    | 182       |           | 994.3        | 1015.5         | 17.4        | 3.7    | 11.0           |        | 4             | 74    | 4      | 4        |          |          |
| 72263 SAN ANGELO/MATHIS,                  | 3122N    | 10030W    | 584       |           | 948.7        | 1015.2         | 17.0        | 2.5    | 8.5            |        | 1             | 31    | 8      | 4        |          |          |
| 72265 MIDLAND/MIDLAND REG. AIR TER        | 3156N    | 10210W    | 875       |           | 915.6        | 1013.5         | 16.8        | 3.6    | 5.8            |        | 1             | 3     | -11    | 2        |          |          |
| <b>72266 ABILENE/MUN., TX.</b>            | 3225N    | 09941W    | 546       |           | 952.2        | 1015.0         | 15.2        | 1.8    | 9.7            |        | 2             | 37    | 3      | 4        |          |          |
| 72267 LUBBOCK/LUBBOCK INTERNATIONAL       | 3339N    | 10140W    | 996       |           | 902.7        | 1013.7         | 13.6        | 2.9    | 5.3            |        | 2             | 22    | 0      | 4        |          |          |
| <b>72270 EL PASO/INT., TX.</b>            | 3148N    | 10620W    | 1206      |           | 881.0        | 1012.2         | 16.4        | 3.6    | 4.2            |        | 1             | 5     | -2     | 3        |          |          |
| 72272 DOUGLASS BISBEE, AZ INTL ARP        | 3128N    | 10936W    | 1251      |           | 875.7        | 1013.9         | 13.6        |        | 4.2            |        | 0             | 0     |        |          |          |          |
| 72274 TUCSON/INT., AZ.                    | 3207N    | 11050W    | 788       |           | 926.1        | 1014.0         | 17.2        | 2.4    | 5.0            |        | 0             | 0     | -18    | 1        |          |          |
| <b>72278 PHOENIX/SKY HARBOR,</b>          | 3326N    | 11200W    | 344       |           | 974.3        | 1013.4         | 19.4        | 2.6    | 5.6            |        | 1             | 1     | -21    | 1        |          |          |
| <b>72290 SAN DIEGO/LINDBERGH,</b>         | 3244N    | 11710W    | 9         |           | 1017.0       | 1018.3         | 16.0        | .7     | 11.1           |        | 4             | 24    | -21    | 3        |          |          |
| 72295 LOS ANGELES /INT.,                  | 3356N    | 11820W    | 38        |           | 1005.4       | 1017.4         | 14.8        | .4     | 11.3           |        | 8             | 53    | 3      | 4        |          |          |
| 72301 HICKORY, NC HICKORY RGNL ARP        | 3544N    | 08123W    | 357       |           | 972.9        | 1014.9         |             |        | 6.3            |        | 8             | 104   |        |          |          |          |
| <b>72304 CAPE HATTERAS, NC.</b>           | 3516N    | 07533W    | 3         |           | 1014.3       | 1014.7         | 9.4         | -1.5   | 9.1            |        | 9             | 113   | 4      | 4        |          |          |
| <b>72306 RALEIGH/RALEIGH-DURHAM, NC.</b>  | 3552N    | 07847W    | 134       |           | 1000.0       | 1016.0         | 7.7         | -2.5   | 6.8            |        | 9             | 122   | 27     | 5        |          |          |
| 72307 ELIZABETH CITY, NC CG AIR ST        | 3615N    | 07610W    | 12        |           | 1014.6       | 1015.0         | 7.9         |        | 7.9            |        | 11            | 112   |        |          |          |          |
| 72308 NORFOLK/INT., VA.                   | 3654N    | 07612W    | 9         |           | 1013.7       | 1014.8         | 7.8         | -1.4   | 6.8            |        | 9             | 99    | 5      | 3        |          |          |
| 72310 COLUMBIA, SC.                       | 3357N    | 08107W    | 72        |           | 1008.0       | 1016.2         | 12.3        | -6     | 8.5            |        | 9             | 76    | -46    | 1        |          |          |
| <b>72312 GREENVILLE/GREENVILLE SPARTA</b> | 3454N    | 08213W    | 296       |           | 981.2        | 1016.1         | 10.3        | -6     | 6.9            |        | 10            | 90    | -46    | 2        |          |          |
| 72314 CHARLOTTE/DOUGLAS,                  | 3513N    | 08056W    | 234       |           | 988.3        | 1016.1         | 9.5         | -1.0   | 7.4            |        | 10            | 107   | -5     | 3        |          |          |
| 72315 ASHEVILLE/MUN., NC.                 | 3526N    | 08233W    | 661       |           | 938.8        | 1015.6         | 7.7         | -9     | 6.2            |        | 9             | 79    | -38    | 1        |          |          |
| 72316 ALMA, GA BACON COUNTY ARPT          | 3132N    | 08230W    | 44        |           | 1009.8       | 1017.4         | 14.4        |        | 9.5            |        | 5             | 52    |        |          |          |          |
| 72317 GREENSBORO/G.-HIGH PT., NC.         | 3605N    | 07957W    | 277       |           | 983.4        | 1015.6         | 7.4         | -1.9   | 6.2            |        | 9             | 110   | 16     | 4        |          |          |
| 72319 ANDERSON RGNL ARPT                  | 3429N    | 08242W    | 240       |           | 988.3        | 1016.2         |             |        | 7.8            |        | 11            | 109   |        |          |          |          |
| 72323 HUNTSVILLE/MADISON CO., AL.         | 3439N    | 08646W    | 196       |           | 994.1        | 1017.4         | 10.8        | -.3    | 10.3           |        | 10            | 84    | -84    | 1        |          |          |
| <b>72324 CHATTANOOGA/LOVELL FIELD, TN</b> | 3502N    | 08512W    | 210       |           | 992.4        | 1017.4         | 10.7        | .5     | 7.7            |        | 7             | 69    | -84    | 1        |          |          |
| 72325 CROSSVILLE, TN                      | 3537N    | 08505W    | 571       |           | 949.9        | 1016.8         | 7.2         |        | 7.2            |        | 11            | 134   |        |          |          |          |
| 72326 KNOXVILLE/MUN., TN.                 | 3549N    | 08359W    | 299       |           | 981.0        | 1016.5         | 9.2         | -.2    | 8.4            |        | 10            | 131   | 2      | 3        |          |          |
| 72327 NASHVILLE/METROPOLITAN, TN.         | 3607N    | 08641W    | 180       |           | 995.4        | 1017.3         | 10.3        | .2     | 8.4            |        | 10            | 123   | 0      | 3        |          |          |
| 72328 CLARKSVILLE, TN                     | 3637N    | 08724W    | 171       |           | 997.1        | 1017.2         | 8.7         |        | 7.9            |        | 10            | 120   |        |          |          |          |

# SURFACE

# MARCH 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. |
| 72329 CAPE GIRARDEAU, MO                  | 3713N    | 08934W    | 103       |           | 1004.4       | 1017.3         | 8.1         |        | 8.2            |        | 10            | 152   |        |          |          |          |
| 72335 BRISTOL-JOHNSON-KINGSPORT, T        | 3628N    | 08223W    | 469       |           | 961.4        | 1015.4         | 7.5         |        | 7.2            |        | 12            | 112   |        |          |          |          |
| 72340 LITTLE ROCK/ADAMS FLD,              | 3450N    | 09216W    | 173       |           |              |                | 13.1        |        |                |        | 7             | 80    |        | 2        |          |          |
| <b>72344 FORT SMITH/MUN., AR.</b>         | 3520N    | 09422W    | 143       |           | 1000.0       | 1016.7         | 12.7        | 1.8    | 9.6            |        | 6             | 78    | -22    | 3        |          |          |
| 72345 HARRISON, AR BOONE COUNTY AP        | 3615N    | 09309W    | 421       |           | 966.8        | 1016.5         | 10.0        |        | 8.3            |        | 8             | 135   |        |          |          |          |
| 72351 WICHITA FALLS/SHEPS AFB/WICH        | 3358N    | 09829W    | 314       |           | 978.7        | 1015.5         | 14.2        | 2.3    | 9.2            |        | 5             | 71    | 15     | 5        |          |          |
| <b>72353 OKLAHOMA CITY/W. ROGERS WORL</b> | 3523N    | 09736W    | 398       |           | 969.2        | 1015.9         | 12.0        | 1.8    | 8.2            |        | 3             | 16    | -52    | 1        |          |          |
| <b>72360 CLAYTON/MUN., NM.</b>            | 3627N    | 10300W    | 1515      |           | 845.7        | 1013.4         | 8.1         | 2.2    | 3.2            |        | 1             | 2     | -12    | 2        |          |          |
| <b>72365 ALBUQUERQUE/INT., NM.</b>        | 3502N    | 10630W    | 1619      |           | 837.1        | 1014.7         | 10.1        | 1.8    | 3.7            |        | 2             | 5     | -8     | 2        |          |          |
| 72366 CHILDRESS, TX CHILDRESS MUNI        | 3426N    | 10017W    | 595       |           | 946.3        | 1015.0         | 14.0        |        | 7.0            |        | 3             | 14    |        |          |          |          |
| <b>72386 LAS VEGAS/MCCARRAN,</b>          | 3605N    | 11510W    | 664       |           | 937.8        | 1014.5         | 15.5        | 2.0    | 5.5            |        | 2             | 7     | -3     | 3        |          |          |
| <b>72389 FRESNO/AIR TERM.,</b>            | 3646N    | 11940W    | 101       |           | 1005.8       | 1017.8         | 13.8        | 1.0    | 10.2           |        | 9             | 106   | 58     | 5        |          |          |
| 72398 SALISBURY, MD                       | 3820N    | 07530W    | 20        |           | 1012.2       | 1014.7         | 5.1         |        | 6.2            |        | 7             | 77    |        |          |          |          |
| 72399 HARRISBURG, PA                      | 4011N    | 07645W    | 96        |           | 1003.6       | 1015.3         | 3.7         |        | 4.9            |        | 10            | 75    |        |          |          |          |
| 72401 RICHMOND/BYRD, VA.                  | 3730N    | 07720W    | 54        |           | 1009.4       | 1015.9         | 6.6         | -2.3   | 5.6            |        | 5             | 59    | -32    | 1        |          |          |
| <b>72405 WASHINGTON/NAT., VA.</b>         | 3851N    | 07702W    | 20        |           | 1013.4       | 1015.8         | 6.5         | -1.9   | 5.3            |        | 5             | 49    | -31    | 1        |          |          |
| 72406 BALTIMORE/BALTIMORE-WASHINGT        | 3911N    | 07640W    | 48        |           | 1009.4       | 1015.1         | 4.6         | -2.1   | 5.2            |        | 6             | 57    | -28    | 1        |          |          |
| 72407 ATLANTIC CITY, NJ.                  | 3927N    | 07434W    | 21        |           | 1011.2       | 1013.7         | 4.4         | -9     | 5.9            |        | 10            | 135   | 44     | 4        |          |          |
| 72408 PHILADELPHIA/INT.,                  | 3953N    | 07515W    | 9         |           | 1013.4       | 1014.5         | 4.5         | -1.3   | 4.9            |        | 9             | 120   | 33     | 4        |          |          |
| 72411 ROANOKE/MUN., VA.                   | 3719N    | 07958W    | 358       |           | 973.7        | 1016.5         | 6.2         | -2.0   | 5.5            |        | 9             | 86    | -2     | 3        |          |          |
| 72412 BECKLEY (RALEIGH CTY. MEMORI        | 3747N    | 08107W    | 766       |           | 925.8        | 1016.6         | 2.9         | -2.7   | 5.7            |        | 16            | 100   | 14     | 4        |          |          |
| 72414 CHARLESTON/KANAWHA.,                | 3822N    | 08136W    | 299       |           | 980.6        | 1016.6         | 5.4         | -2.3   | 6.2            |        | 14            | 111   | 19     | 4        |          |          |
| 72418 WILMINGTON, DE NEW CASTLE AP        | 3940N    | 07536W    | 23        |           | 1011.9       | 1014.9         | 4.1         |        | 5.3            |        | 9             | 118   |        |          |          |          |
| 72419 JACKSON, KY JULIAN CARROL AP        | 3735N    | 08318W    | 414       |           | 967.5        | 1016.6         | 6.6         |        | 6.6            |        | 14            | 177   |        |          |          |          |
| 72420 MANSFIELD, OH                       | 4049N    | 08231W    | 396       |           | 969.2        | 1017.7         | 1.0         |        | 5.1            |        | 11            | 93    |        |          |          |          |
| 72421 CINCINNATI/GREATER CINCINNAT        | 3903N    | 08440W    | 271       |           | 984.9        | 1017.2         | 4.4         | -1.7   | 6.1            |        | 13            | 98    | -9     | 3        |          |          |
| <b>72422 LEXINGTON/BLUE GRASS, KY.</b>    | 3802N    | 08436W    | 301       |           | 981.0        | 1017.2         | 6.1         |        | 6.6            |        | 16            | 135   |        | 4        |          |          |
| 72423 LOUISVILLE/STANDIFORD, KY.          | 3811N    | 08544W    | 151       |           | 999.4        | 1017.4         | 7.4         | -5     | 6.5            |        | 13            | 128   | 10     | 4        |          |          |
| 72425 HUNTINGTON, WV.                     | 3822N    | 08233W    | 255       |           | 986.2        | 1016.9         | 5.7         | -2.1   | 5.8            |        | 15            | 85    | -8     | 3        |          |          |
| 72427 OAK RIDGE, TN                       | 3601N    | 08413W    | 279       |           | 984.3        | 1017.6         |             |        | 8.0            |        | 9             | 114   |        |          |          |          |
| 72428 COLUMBUS/PORT COLUMBUS, OH.         | 4000N    | 08253W    | 254       |           | 987.3        | 1017.5         | 3.7         | -1.2   | 5.5            |        | 8             | 75    | -8     | 3        |          |          |
| 72429 DAYTON/ COX, OH.                    | 3952N    | 08407W    | 307       |           | 980.9        | 1018.0         | 2.7         | -2.0   | 5.6            |        | 9             | 90    | 4      | 4        |          |          |
| <b>72432 EVANSVILLE/REG., IN.</b>         | 3803N    | 08732W    | 127       |           | 1003.6       | 1017.8         | 6.6         | -1.1   | 7.0            |        | 13            | 133   | 14     | 4        |          |          |
| 72434 ST. LOUIS/LAMBERT,                  | 3845N    | 09022W    | 174       |           | 991.8        | 1018.1         | 6.2         | -1.1   | 6.6            |        | 12            | 181   | 91     | 6        |          |          |
| 72438 INDIANAPOLIS/I.-MUN/WEIR COO        | 3944N    | 08616W    | 246       |           | 988.1        | 1018.0         | 3.9         | -1.3   | 5.1            |        | 9             | 103   | 7      | 4        |          |          |
| 72439 SPRINGFIELD/CAPITAL,                | 3951N    | 08940W    | 187       |           | 995.8        | 1018.4         | 4.8         | -1     | 5.5            |        | 8             | 111   | 29     | 4        |          |          |
| 72442 ROLLA-VICHY, MO, ROLLA NAT A        | 3807N    | 09146W    | 344       |           | 976.0        | 1017.3         | 6.4         |        | 7.1            |        | 7             | 86    |        |          |          |          |
| <b>72445 COLUMBIA/REGIONAL,</b>           | 3849N    | 09213W    | 274       |           | 984.5        | 1017.3         | 6.4         | .2     | 6.6            |        | 7             | 85    | 5      | 3        |          |          |
| <b>72451 DODGE CITY/MUN., KS.</b>         | 3745N    | 09958W    | 790       |           | 923.7        | 1015.2         | 8.8         | 2.4    | 5.4            |        | 2             | 27    | -12    | 3        |          |          |
| 72453 PONCA CITY, OK                      | 3643N    | 09705W    | 309       |           | 980.2        | 1016.0         |             |        | 7.4            |        | 4             | 10    |        |          |          |          |
| <b>72458 CONCORDIA/BLOSSER MUN., KS.</b>  | 3933N    | 09739W    | 453       |           | 962.6        | 1016.4         | 6.5         | 1.3    | 5.8            |        | 3             | 15    | -40    | 2        |          |          |
| <b>72476 GRAND JUNCTION/WALKER FIELD,</b> | 3907N    | 10830W    | 1474      |           | 850.6        | 1014.4         | 7.3         | 1.0    | 4.2            |        | 3             | 15    | -7     | 3        |          |          |
| 72477 EUREKA, NV RAMOS                    | 3936N    | 11600W    | 1811      |           | 816.6        | 1016.8         | -1          |        | 4.1            |        | 6             | 70    |        |          |          |          |
| <b>72483 SACRAMENTO/EXECUTIVE CA.</b>     | 3831N    | 12130W    | 8         |           | 1016.1       | 1017.2         | 11.8        | -2     | 10.9           |        | 11            | 131   | 66     | 5        |          |          |
| <b>72486 ELY/YELLAND, NV.</b>             | 3917N    | 11450W    | 1909      |           | 806.7        | 1015.8         | 1.5         | .1     | 4.1            |        | 7             | 37    | 13     | 5        |          |          |
| 72488 RENO/INT., NV.                      | 3930N    | 11940W    | 1344      |           | 864.7        | 1015.7         | 5.8         | -2     | 4.7            |        | 7             | 60    | 42     | 6        |          |          |

# SURFACE

# MARCH 2018

| STATION                                   | LATITUDE | LONGITUDE | ELEVATION | DAYS OBS. | PRESSURE     |                | TEMPERATURE |        | VAPOR PRESSURE |        | PRECIPITATION |       |        |          | SUNSHINE |          |
|---|----------|-----------|-----------|-----------|--------------|----------------|-------------|--------|----------------|--------|---------------|-------|--------|----------|----------|----------|
|   |          |           |           |           | MEAN STATION | MEAN SEA LEVEL | MEAN        | DEPART | MEAN           | DEPART | DAYS 1 MM     | TOTAL | DEPART | QUANTILE | TOTAL    | % of AV. |
| 72494 SAN FRANCISCO/INT.,                 | 3737N    | 12220W    | 6         |           | 1016.6       | 1017.4         | 12.9        | 1.1    | 10.4           |        | 13            | 85    | 8      | 4        |          |          |
| 72495 CONCORD, CA                         | 3759N    | 12203W    | 12        |           | 1015.1       | 1016.0         | 12.9        |        | 10.4           |        | 12            | 114   |        |          |          |          |
| 72503 NEW YORK/LA GUARDIA,                | 4046N    | 07354W    | 9         |           | 1012.0       | 1013.1         | 4.9         | -4     | 4.7            |        | 7             | 104   | 13     | 3        |          |          |
| 72505 ISLIP, NY, LONG IS ARTHUR AP        | 4047N    | 07306W    | 44        |           | 1008.3       | 1012.4         | 3.4         | .2     | 5.0            |        | 10            | 195   | 102    | 5        |          |          |
| 72506 NEW YORK, NY CENTRAL PARK           | 4046N    | 07358W    | 48        |           | 1008.1       | 1013.1         | 4.6         |        | 4.7            |        | 7             | 131   |        |          |          |          |
| 72507 PROVIDENCE/GREEN STATE, RI.         | 4144N    | 07126W    | 19        |           | 1009.4       | 1011.8         | 3.7         | .7     | 5.1            |        | 5             | 123   | 21     | 4        |          |          |
| 72508 HARTFORD/BRADLEY INTNL., CT.        | 4156N    | 07241W    | 55        |           | 1005.9       | 1012.6         | 2.9         | -.2    | 4.3            |        | 6             | 67    | -25    | 1        |          |          |
| 72509 BOSTON/LOGAN INT.,                  | 4222N    | 07102W    | 9         |           | 1010.6       | 1011.7         | 2.9         | -.8    | 5.2            |        | 8             | 129   | 36     | 4        |          |          |
| 72510 WORCESTER, MA WORCESTER RGNL        | 4216N    | 07152W    | 306       |           | 974.1        | 1012.0         | .6          |        | 4.3            |        | 8             | 124   |        |          |          |          |
| 72513 WILKES-BARRE-SCRANTON, PA.          | 4120N    | 07544W    | 292       |           | 979.1        | 1014.5         | 1.3         | -1.4   | 4.4            |        | 11            | 72    | 8      | 4        |          |          |
| 72515 BINGHAMTON/BROOME CO., NY.          | 4213N    | 07559W    | 497       |           | 954.2        | 1014.7         | -1.8        | -2.1   | 3.8            |        | 13            | 74    | 3      | 4        |          |          |
| 72517 ALLENTOWN/A.-BETHLEHEM-EASTO        | 4039N    | 07526W    | 118       |           | 1000.1       | 1014.4         | 3.1         | -1.0   | 4.5            |        | 9             | 82    | -1     | 2        |          |          |
| <b>72519 SYRACUSE/HANCOCK,</b>            | 4307N    | 07607W    | 128       |           | 1000.1       | 1015.5         | -.6         | -1.7   | 4.4            |        | 12            | 98    | 28     | 4        |          |          |
| <b>72520 PITTSBURGH/GREATER PITTSBURG</b> | 4030N    | 08013W    | 373       |           | 972.2        | 1017.4         | 1.6         | -2.5   | 4.9            |        | 9             | 75    | -11    | 3        |          |          |
| 72521 AKRON/AKRON-CANTON REG. OH.         | 4055N    | 08126W    | 377       |           | 971.5        | 1017.3         | 1.4         | -1.9   | 4.8            |        | 11            | 78    | -6     | 3        |          |          |
| 72522 GLENN FALLS, NY                     | 4320N    | 07336W    | 104       |           | 1001.5       | 1014.5         | .1          |        | 4.3            |        | 7             | 44    |        |          |          |          |
| 72525 YOUNGSTOWN, OH.                     | 4116N    | 08040W    | 365       |           | 973.2        | 1017.2         | .7          | -1.7   | 4.8            |        | 12            | 113   | 34     | 5        |          |          |
| 72528 BUFFALO/GREATER BUFFALO INT.        | 4256N    | 07843W    | 219       |           | 990.5        | 1017.0         | -.3         | -1.3   | 4.4            |        | 9             | 75    | 7      | 3        |          |          |
| 72529 ROCHESTER/ROCHESTER-MONROE C        | 4307N    | 07740W    | 171       |           | 995.8        | 1017.0         | .1          | -1.2   | 4.4            |        | 11            | 77    | 20     | 4        |          |          |
| 72530 CHICAGO/O'HARE, IL.                 | 4159N    | 08754W    | 205       |           | 994.0        | 1019.1         | 2.8         | -.1    | 4.2            |        | 8             | 44    | -24    | 2        |          |          |
| <b>72532 PEORIA/GREATER PEORIA MUN.,</b>  | 4040N    | 08941W    | 202       |           | 994.4        | 1018.9         | 3.7         | -.2    | 5.0            |        | 11            | 94    | 21     | 4        |          |          |
| 72533 FORT WAYNE/MUN.,                    | 4100N    | 08512W    | 252       |           | 987.9        | 1018.7         | 2.4         | -.7    | 5.2            |        | 7             | 72    | -1     | 3        |          |          |
| 72535 SOUTH BEND/ST. JOSEPH CO., IN       | 4142N    | 08619W    | 241       |           | 990.4        | 1019.3         | 1.3         | -1.7   | 4.4            |        | 7             | 45    | -33    | 2        |          |          |
| 72536 TOLEDO/EXPRESS, OH.                 | 4136N    | 08348W    | 211       |           | 992.6        | 1018.5         | 1.8         | -.5    | 4.6            |        | 6             | 81    | 14     | 4        |          |          |
| 72537 DETROIT/METROPOLITAN, MI.           | 4214N    | 08320W    | 202       |           | 993.9        | 1018.7         | 1.9         | -.2    | 4.2            |        | 5             | 67    | 3      | 3        |          |          |
| 72542 BURLINGTON, IA                      | 4046N    | 09107W    | 212       |           | 992.6        | 1018.5         | 3.6         |        | 5.0            |        | 8             | 74    |        |          |          |          |
| 72543 ROCKFORD/GREATER ROCKFORD, I        | 4212N    | 08906W    | 226       |           | 989.3        | 1019.9         | 2.4         | .7     | 4.0            |        | 7             | 31    | -31    | 1        |          |          |
| 72544 MOLINE/QUAD CITY,                   | 4127N    | 09031W    | 181       |           | 996.8        | 1018.9         | 3.1         | .1     | 4.7            |        | 8             | 83    | 8      | 4        |          |          |
| <b>72546 DES MOINES/MUN., IA.</b>         | 4132N    | 09339W    | 294       |           | 983.1        | 1018.6         | 3.7         | .8     | 5.2            |        | 11            | 60    | 1      | 4        |          |          |
| 72550 EPPLEY FIELD, OMAHA,                | 4118N    | 09554W    | 300       |           | 981.7        | 1017.8         | 4.7         | 1.0    | 5.7            |        | 9             | 72    | 21     | 4        |          |          |
| 72551 LINCOLN/MUN., NE.                   | 4051N    | 09645W    | 365       |           | 974.3        | 1017.8         | 4.0         | .3     | 5.6            |        | 9             | 69    | 16     | 4        |          |          |
| <b>72556 NORFOLK/KARL STEFAN,</b>         | 4159N    | 09726W    | 479       |           | 960.6        | 1017.5         | 2.9         | .8     | 5.5            |        | 6             | 41    | -6     | 4        |          |          |
| 72557 SIOUX CITY/MUN., IA.                | 4224N    | 09623W    | 336       |           | 977.5        | 1018.4         | 2.7         | .6     | 5.8            |        | 7             | 50    | 1      | 4        |          |          |
| <b>72562 NORTH PLATTE/LEE BIRD, NE.</b>   | 4107N    | 10040W    | 849       |           | 917.0        | 1016.4         | 4.2         | 1.7    | 5.3            |        | 3             | 18    | -12    | 3        |          |          |
| 72564 CHEYENNE, WY.                       | 4109N    | 10440W    | 1876      |           | 808.5        | 1014.0         | 3.2         |        | 3.6            |        | 5             | 24    |        | 3        |          |          |
| 72569 CASPER/NATRONA COUNTY, INTNL        | 4255N    | 10620W    | 1630      |           | 834.6        | 1014.7         | 2.0         | 1.2    | 4.2            |        | 6             | 26    | 2      | 3        |          |          |
| 72572 SALT LAKE CITY/INTNL UT.            | 4047N    | 11150W    | 1288      |           | 870.5        | 1015.3         | 8.1         | 2.7    | 5.4            |        | 7             | 66    | 18     | 4        |          |          |
| <b>72576 LANDER/HUNT, WY.</b>             | 4249N    | 10840W    | 1703      |           | 825.5        | 1013.7         | 2.4         | 1.3    | 3.8            |        | 3             | 28    | -1     | 3        |          |          |
| <b>72578 POCATELLO/MUN., ID.</b>          | 4255N    | 11230W    | 1365      |           | 862.2        | 1017.1         | 3.7         | 1.3    | 5.1            |        | 8             | 49    | 17     | 6        |          |          |
| <b>72583 WINNEMUCCA/MUN., NV.</b>         | 4054N    | 11740W    | 1322      |           | 867.4        | 1016.3         | 4.3         | -.2    | 4.8            |        | 9             | 48    | 29     | 6        |          |          |
| 72585 HAYWARD, CA HAYWARD EXEC ARP        | 3739N    | 12207W    |           |           | 1015.6       | 1018.4         | 12.7        |        | 9.7            |        | 12            | 72    |        |          |          |          |
| 72593 SALINAS, CA SALINAS MUNI ARP        | 3639N    | 12136W    | 24        |           | 1014.7       | 1018.7         | 12.6        |        | 10.7           |        | 11            | 67    |        |          |          |          |
| <b>72594 EUREKA, CA.</b>                  | 4048N    | 12410W    | 18        |           |              |                | 9.1         | -.6    |                |        | 18            | 216   | 81     | 5        |          |          |
| 72597 MEDFORD/MEDFORD-JACKSON COUN        | 4223N    | 12250W    | 398       |           | 968.0        | 1016.1         | 8.3         |        | 7.4            |        | 8             | 43    |        | 3        |          |          |
| 72605 CONCORD/MUN., NH.                   | 4312N    | 07130W    | 105       |           | 999.3        | 1012.4         | .9          |        | 4.2            |        | 7             | 66    |        | 3        |          |          |
| 72606 PORTLAND/INTNL. JET PORT, ME        | 4339N    | 07019W    | 23        |           | 1009.5       | 1011.9         | 1.1         | .5     | 4.6            |        | 10            | 81    | -12    | 2        |          |          |

# SURFACE

# MARCH 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. |
| 72607 BANGOR, ME BANGOR INTL ARPT         | 4448N    | 06849W    | 60        |           | 1003.7       | 1011.6         | -3          |        | 4.3            |        | 9             | 55    |        |          |          |          |
| <b>72613 MOUNT WASHINGTON,</b>            | 4416N    | 07118W    | 1910      |           |              |                | -11.3       | -6     |                |        |               | 171   | -56    | 2        |          |          |
| <b>72617 BURLINGTON/INT., VT.</b>         | 4428N    | 07309W    | 104       |           | 1001.6       | 1014.4         | -4          | .3     | 4.2            |        | 11            | 67    | 11     | 4        |          |          |
| 72635 GRAND RAPIDS/KENT CO., MI.          | 4253N    | 08531W    | 245       |           | 989.2        | 1019.3         | 1.3         | .1     | 4.2            |        | 6             | 30    | -36    | 1        | 215      | 128      |
| 72636 MUSKEGON/COUNTY, MI.                | 4310N    | 08615W    | 193       |           | 995.9        | 1019.8         | 1.2         | .5     | 4.1            |        | 8             | 33    | -30    | 1        |          |          |
| 72637 FLINT/BISHOP, MI.                   | 4258N    | 08345W    | 238       |           | 990.4        | 1019.2         | -2          | -1.3   | 4.3            |        | 6             | 29    | -25    | 1        |          |          |
| 72640 MILWAUKEE/GEN. MITCHELL, WI.        | 4257N    | 08754W    | 220       |           | 994.0        | 1020.0         | 1.7         | 1.0    | 4.3            |        | 4             | 17    | -50    | 1        |          |          |
| 72641 MADISON/DANE COUNTY REGIONAL        | 4308N    | 08920W    | 264       |           | 987.5        | 1019.9         | .5          | .3     | 3.9            |        | 4             | 19    | -36    | 1        |          |          |
| 72644 ROCHESTER/MUN., MN.                 | 4355N    | 09230W    | 402       |           | 970.8        | 1020.0         | -8          | .4     | 4.5            |        | 3             | 23    | -22    | 2        |          |          |
| 72645 GREEN BAY/A.-STRAUBEL, WI.          | 4429N    | 08806W    | 209       |           | 994.2        | 1020.8         | -3          | .8     | 3.9            |        | 5             | 25    | -27    | 2        |          |          |
| 72651 SIOUX FALLS/FOSS FIELD, SD.         | 4335N    | 09644W    | 435       |           | 966.0        | 1019.0         | .9          | .6     | 5.2            |        | 8             | 52    | 11     | 4        |          |          |
| <b>72654 HURON/HURON REGIONAL SD.</b>     | 4423N    | 09813W    | 393       |           | 971.0        | 1019.0         | -3          | -2     | 5.1            |        | 9             | 50    | 8      | 5        |          |          |
| 72656 PIERRE, SD, PIERRE RGNL ARPT        | 4422N    | 10017W    | 527       |           | 954.6        | 1018.2         | -6          |        | 5.1            |        | 7             | 36    |        |          |          |          |
| <b>72658 MINNEAPOLIS/ST.PAUL INT., MN</b> | 4453N    | 09313W    | 256       |           | 989.1        | 1020.4         | .3          | .9     | 4.1            |        | 7             | 30    | -19    | 2        |          |          |
| 72659 ABERDEEN/REG., SD.                  | 4527N    | 09824W    | 398       |           | 971.3        | 1019.8         | -2.0        | -8     | 4.9            |        | 7             | 41    | 7      | 4        |          |          |
| 72662 RAPID CITY/REGIONAL AIRPORT,        | 4440N    | 10310W    | 1030      |           | 903.8        | 1017.6         | .3          | -9     | 4.7            |        | 4             | 34    | 8      | 4        |          |          |
| <b>72666 SHERIDAN/COUNTY, WY.</b>         | 4446N    | 10650W    | 1226      |           | 876.7        | 1016.8         | .3          | -8     | 4.8            |        | 7             | 38    | 14     | 4        |          |          |
| 72669 RAWLINGS, WY                        | 4148N    | 10712W    | 2065      |           | 790.9        | 1014.8         | 4.5         |        | 3.9            |        | 4             | 8     |        |          |          |          |
| 72677 BILLINGS/LOGAN INT.,                | 4548N    | 10830W    | 1099      |           | 890.0        | 1016.7         | .6          | -1.3   | 4.5            |        | 5             | 18    | -11    | 2        |          |          |
| <b>72681 BOISE/MUN., ID.</b>              | 4334N    | 11610W    | 872       |           | 914.8        | 1016.2         | 6.7         | .9     | 5.7            |        | 8             | 48    | 16     | 5        |          |          |
| <b>72688 PENDLETON, OR.</b>               | 4541N    | 11850W    | 456       |           | 960.5        | 1014.8         | 6.8         | -3     | 5.9            |        | 8             | 35    | 6      | 4        |          |          |
| 72692 ROBERT FIELD ARPT                   | 4415N    | 12109W    | 936       |           | 906.4        | 1015.1         | 4.4         |        | 5.4            |        | 3             | 19    |        |          |          |          |
| 72698 PORTLAND/INT., OR.                  | 4536N    | 12230W    | 12        |           | 1012.5       | 1016.6         | 8.4         | -1     | 7.8            |        | 11            | 64    | -26    | 2        |          |          |
| <b>72712 CARIBOU/MUN., ME.</b>            | 4652N    | 06800W    | 191       |           | 988.6        | 1012.6         | -1.8        | 2.3    | 3.7            |        | 8             | 69    | 8      | 4        |          |          |
| <b>72743 MARQUETTE, MI.</b>               | 4632N    | 08733W    | 434       |           |              |                | -5.5        | -8     |                |        | 8             | 35    | -35    | 2        |          |          |
| 72745 DULUTH/INT., MN.                    | 4650N    | 09211W    | 436       |           | 968.1        | 1021.6         | -3.2        | 1.0    | 3.3            |        | 3             | 11    | -37    | 1        |          |          |
| 72747 INT.FALLS/FALLS INT. MN.            | 4833N    | 09323W    | 362       |           | 976.9        | 1021.9         | -4.5        | 1.0    | 3.0            |        | 1             | 9     | -17    | 1        |          |          |
| 72753 FARGO/HECTOR FIELD,                 | 4654N    | 09648W    | 274       |           | 986.7        | 1020.8         | -3.2        | .2     | 4.3            |        | 8             | 50    | 24     | 5        |          |          |
| 72757 GRAND FORKS, ND                     | 4756N    | 09710W    | 257       |           | 989.5        | 1021.2         | -4.2        |        | 4.2            |        | 6             | 47    |        |          |          |          |
| 72763 DICKINSON, ND                       | 4647N    | 10248W    | 791       |           | 923.8        | 1018.1         | -2.6        |        | 4.3            |        | 6             | 18    |        |          |          |          |
| <b>72764 BISMARCK/MUN., ND.</b>           | 4646N    | 10040W    | 505       |           | 958.1        | 1020.1         | -3.0        | -9     | 4.5            |        | 7             | 40    | 21     | 5        |          |          |
| 72767 WILLISTON/SLOULIN FIELD INT.        | 4811N    | 10330W    | 592       |           | 949.1        | 1020.1         | -4.3        | -2.3   | 3.9            |        | 7             | 45    | 28     | 5        |          |          |
| <b>72768 GLASGOW/INT., MT.</b>            | 4812N    | 10630W    | 693       |           | 934.2        | 1019.1         | -4.4        | -3.0   | 4.1            |        | 6             | 32    | 22     | 5        |          |          |
| 72769 CUT BANK, MT CUT BANK MUNI A        | 4836N    | 11222W    | 1175      |           | 880.0        | 1016.9         | -4.4        |        | 3.9            |        | 3             | 26    |        |          |          |          |
| 72770 DILLON, MT DILLON ARPT              | 4515N    | 11233W    | 1591      |           | 836.3        | 1016.6         | -1.8        |        | 3.7            |        | 5             | 18    |        |          |          |          |
| <b>72772 HELENA/COUNTY-CITY,</b>          | 4636N    | 11200W    | 1188      |           | 880.0        | 1018.4         | .4          | -5     | 4.2            |        | 7             | 30    | 12     | 5        |          |          |
| 72773 MISSOULA / JOHNSON-BELL FIEL        | 4655N    | 11400W    | 976       |           | 902.9        | 1016.5         | 2.8         | .7     | 4.6            |        | 4             | 19    | -5     | 3        |          |          |
| 72774 BUTTE, MT MT BERT MOONEY ARP        | 4557N    | 11230W    | 1688      |           | 826.5        | 1016.4         | -1.7        |        | 3.5            |        | 3             | 9     |        |          |          |          |
| 72781 YAKIMA/YAKIMA AIR TERMINAL,         | 4634N    | 12030W    | 332       |           | 976.4        | 1015.4         | 7.0         | .9     | 5.6            |        | 3             | 10    | -7     | 3        |          |          |
| 72785 SPOKANE/INT., WA.                   | 4738N    | 11730W    | 721       |           | 930.4        | 1015.3         | 4.2         | .5     | 5.8            |        | 7             | 33    | -4     | 3        |          |          |
| 72787 DEER PARK, WA DEER PARK ARPT        | 4758N    | 11725W    | 670       |           | 936.0        | 1015.8         |             |        | 5.7            |        | 7             | 47    |        |          |          |          |
| 72790 EPHRATA, WA EPHRATA MUNI ARP        | 4718N    | 11930W    | 384       |           | 969.0        | 1014.9         |             |        | 5.7            |        | 6             | 12    |        |          |          |          |
| <b>72792 OLYMPIA, WA.</b>                 | 4658N    | 12250W    | 62        |           | 1008.9       | 1016.2         | 5.9         | -7     | 8.0            |        | 11            | 66    | -59    | 1        |          |          |
| 72793 SEATTLE/S.-TACOMA,                  | 4727N    | 12210W    | 137       |           | 1000.1       | 1016.6         | 8.0         | .4     | 7.6            |        | 12            | 62    | -27    | 2        |          |          |
| 72797 QUILLAYUTE, WA.                     | 4757N    | 12430W    | 56        |           | 1008.0       | 1015.4         | 5.7         |        | 8.0            |        | 16            | 156   |        | 0        |          |          |
| <b>74492 BLUE HILL OBS. MA.</b>           | 4213N    | 07107W    | 195       |           |              |                | 1.4         | -7     |                |        |               | 221   | 109    | 5        |          |          |

# SURFACE

# MARCH 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. |
| 74641 GAGE, OK GAGE ARPT              | 3617N    | 09946W    | 669       |           | 937.2        | 1014.9         |             |        | 6.3            |        | 1             | 2     |        |          |          |          |
| 74736 DALHART, TX DALHART MUNI ARP    | 3601N    | 10232W    | 1217      |           | 877.6        | 1013.9         | 9.4         |        | 4.0            |        | 0             | 0     |        |          |          |          |
| 74739 FORT WORTH MEACHAM INTL ARPT    | 3249N    | 09721W    | 215       |           | 990.5        | 1015.7         |             |        | 12.0           |        | 3             | 59    |        |          |          |          |
| 74745 AUSTIN-BERGSTROM INTL AIRPOR    | 3011N    | 09741W    | 202       |           | 998.5        | 1016.1         | 18.3        |        | 14.4           |        | 2             | 158   |        |          |          |          |
| 74746 COLLEGE STATION, TX             | 3035N    | 09621W    | 100       |           | 1004.9       | 1016.5         | 18.6        |        | 14.8           |        | 7             | 156   |        |          |          |          |
| 74756 GAINSVILLE, FL                  | 2941N    | 08216W    | 46        |           | 1012.7       | 1018.9         | 15.8        |        | 10.6           |        | 5             | 61    |        |          |          |          |
| 74757 GULFPORT, MS                    | 3024N    | 08904W    | 16        |           | 1017.1       | 1018.2         |             |        | 13.9           |        | 5             | 116   |        |          |          |          |
| 74758 GREENWOOD, MS                   | 3329N    | 09005W    | 45        |           | 1012.9       | 1017.7         | 13.8        |        | 11.1           |        | 8             | 146   |        |          |          |          |
| 74759 HATTIESBURG, MS                 | 3115N    | 08915W    | 45        |           | 1013.0       | 1018.4         | 15.3        |        | 12.3           |        | 6             | 115   |        |          |          |          |
| 74768 GREENVILLE, MS                  | 3328N    | 09059W    | 46        |           | 1012.7       | 1018.2         | 13.8        |        | 11.2           |        | 7             | 153   |        |          |          |          |
| 74782 JACKSONVILLE, FL                | 3020N    | 08130W    | 14        |           | 1016.1       | 1017.7         |             |        | 11.8           |        | 7             | 43    |        |          |          |          |
| 74783 FORT LAUDERALE, FL              | 2604N    | 08009W    | 37        |           | 1016.9       | 1017.6         | 21.3        |        | 17.4           |        | 3             | 32    |        |          |          |          |
| 74787 DAYTONA BEACH, FL               | 2910N    | 08103W    | 10        |           | 1016.3       | 1017.8         | 17.0        |        | 13.0           |        | 5             | 41    |        |          |          |          |
| 74793 VERO BEACH, FL                  | 2739N    | 08025W    | 12        |           | 1016.8       | 1017.8         | 18.2        |        | 13.2           |        | 2             | 8     |        |          |          |          |
| <b>CANADA</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 71017 STEFANSSON ISLAND, NU           | 7345N    | 10510W    | 11        |           | 1026.5       | 1028.0         | -32.8       |        | .3             |        | 2             | 5     |        |          |          |          |
| 71018 RESOLUTE CS, NU                 | 7442N    | 09459W    | 68        |           | 1015.3       | 1024.6         | -29.8       |        | .5             |        | 1             | 5     |        |          |          |          |
| 71026 MEDICINE HAT RCS, ALTA          | 5001N    | 11040W    | 717       |           | 930.9        | 1017.7         | -3.7        |        | 3.8            |        | 6             | 22    |        | 4        |          |          |
| 71028 TATLAYOKO LAKE RCS, BC          | 5140N    | 12420W    | 877       |           | 912.3        | 1016.6         | -8          |        | 3.6            |        | 3             | 9     |        |          |          |          |
| 71029 HOLMAN CS, NWT                  | 7045N    | 11740W    | 30        |           | 1020.9       | 1025.2         | -25.8       |        | .7             |        | 7             | 22    |        |          |          |          |
| 71044 OLD CROW, YT                    | 6734N    | 13950W    | 251       |           | 988.7        | 1021.8         | -18.2       |        | 1.4            |        | 2             | 6     |        |          |          |          |
| 71049 WAGER BAY (AUT), MAN            | 6552N    | 08926W    | 18        |           | 1020.4       | 1022.9         | -23.3       |        | .8             |        | 1             | 13    |        |          |          |          |
| 71063 OTTAWA CDA RCS, ONT             | 4523N    | 07543W    | 79        |           | 1006.3       | 1016.2         | -1.6        |        | 3.9            |        | 8             | 45    |        |          |          |          |
| <b>71066 HIGH LEVEL A, ALTA</b>       | 5837N    | 11700W    | 338       |           | 978.3        | 1021.4         | -9.7        | .7     | 2.2            |        | 1             | 2     | -17    | 0        |          |          |
| 71076 URANIUM CITY (AUT), SASK        | 5934N    | 10820W    | 321       |           | 982.5        | 1023.1         | -13.8       | 1.2    | 1.8            |        | 3             | 12    | -6     |          |          |          |
| 71077 BUFFALO NARROWS (AUT),          | 5550N    | 10820W    | 440       |           | 967.4        | 1022.9         | -9.2        |        | 2.5            |        | 2             | 11    |        |          |          |          |
| <b>71079 THOMPSON</b>                 | 5548N    | 09752W    | 222       |           | 994.8        | 1023.9         | -11.7       | 1.6    | 1.8            |        | 1             | 8     | -13    | 1        |          |          |
| 71101 SANDSPIT AWOS, BC               | 5315N    | 13140W    | 6         |           | 1012.7       | 1013.5         | 4.5         | .0     | 7.0            |        | 10            | 37    | -66    | 0        |          |          |
| 71107 CAPE ST JAMES CS, BC            | 5156N    | 13100W    | 92        |           | 1002.5       | 1013.5         | 5.4         | -.3    |                |        |               |       |        |          |          |          |
| 71109 PORT HARDY A, BC                | 5040N    | 12720W    | 22        |           | 1012.4       | 1015.1         | 4.7         | -.4    | 6.9            |        | 13            | 118   | -25    | 2        |          |          |
| <b>71120 COLD LAKE A, ALTA</b>        | 5425N    | 11010W    | 541       |           | 953.6        | 1020.8         | -6.2        | .3     | 3.0            |        | 5             | 15    | -2     | 3        |          |          |
| <b>71122 BANFF CS, ALTA</b>           | 5112N    | 11530W    | 1397      |           | 854.6        | 1016.1         | -2.9        | -.9    | 3.1            |        | 7             | 36    | 15     | 5        |          |          |
| 71155 EDMONTON INTERNATIONAL CS, A    | 5318N    | 11330W    | 715       |           |              |                | -7.6        |        | 3.3            |        | 10            | 36    |        |          |          |          |
| 71158 BERENS RIVER CS, MAN            | 5221N    | 09702W    | 222       |           | 994.1        | 1022.4         | -7.4        |        | 2.6            |        | 2             | 5     |        | 2        |          |          |
| <b>71160 FORT RELIANCE (AUT), NWT</b> | 6242N    | 10900W    | 168       |           | 1001.5       | 1023.9         | -18.4       |        | 1.2            |        | 6             | 28    |        | 5        |          |          |
| <b>71185 DANIELS HARBOUR,</b>         | 5014N    | 05734W    | 18        |           | 1010.0       | 1012.4         | -.5         | 4.5    | 3.3            |        |               |       |        |          |          |          |
| 71199 WATSON LAKE (AUT), YT           | 6007N    | 12840W    | 690       |           | 932.7        | 1017.6         | -10.1       |        | 2.4            |        | 4             | 20    |        | 5        |          |          |
| 71207 SQUAMISH,                       | 4947N    | 12310W    | 52        |           | 1009.2       | 1015.6         | 5.8         |        | 7.0            |        | 12            | 135   |        |          |          |          |
| 71208 BIG TROUT LAKE, ONT             | 5380N    | 08988W    | 224       |           | 995.9        | 1024.8         | -12.4       | -17.6  | 1.9            |        |               |       |        |          |          |          |
| 71212 FORET MONTMORENCY RCS, QUE      | 4719N    | 07108W    | 673       |           | 931.7        | 1013.2         | -6.4        |        | 3.1            |        | 12            | 52    |        |          |          |          |
| 71219 HOLLAND ROCK, BC                | 5410N    | 13020W    | 5         |           | 1012.9       | 1013.7         | 4.8         |        | 6.5            |        | 11            | 73    |        |          |          |          |
| 71222 DEASE LAKE AUT, BC              | 5825N    | 13001W    | 802       |           | 920.1        | 1018.2         | -6.4        |        | 2.7            |        | 4             | 16    |        | 3        |          |          |
| 71261 GODERICH, ONT                   | 4346N    | 08143W    | 214       |           | 991.7        | 1018.2         | -1.2        |        | 4.2            |        | 5             | 24    |        |          |          |          |
| 71279 SEPT-ILES, QUE                  | 5013N    | 06615W    | 53        |           | 1008.6       | 1015.2         | -2.9        |        | 3.9            |        | 8             | 28    |        |          |          |          |
| 71288 CAMBRIDGE BAY GSN, NU           | 6906N    | 10500W    | 19        |           | 1023.0       | 1025.6         | -30.1       |        | .4             |        | 2             | 15    |        |          |          |          |

# SURFACE

# MARCH 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. |
| 71294 BANCROFT AUTO, ONT       | 4504N    | 07752W    | 331       |           | 975.9        | 1016.7         | -3.1        |        | 3.4            |        | 8             | 45    |        |          |          |          |
| 71296 EGBERT CS, ONT           | 4414N    | 07947W    | 251       |           | 986.4        | 1017.5         | -2.1        |        | 3.7            |        | 8             | 34    |        |          |          |          |
| 71298 HARROW CDA AUTO, ONT     | 4202N    | 08254W    | 192       |           | 995.2        | 1018.8         | .8          |        | 4.5            |        | 5             | 65    |        |          |          |          |
| 71299 KAPUSKASING CDA ON, ONT  | 4924N    | 08226W    | 218       |           | 994.0        | 1022.5         | -11.1       |        | 2.1            |        | 5             | 17    |        | 0        |          |          |
| 71307 RIDGETOWN RCS, ONT       | 4227N    | 08153W    | 206       |           | 993.6        | 1019.1         | -4          |        | 4.4            |        | 8             | 66    |        |          |          |          |
| 71309 MOOSONEE RCS, ONT        | 5117N    | 08037W    | 9         |           | 1021.6       | 1022.8         | -10.6       |        | 2.3            |        | 3             | 10    |        |          |          |          |
| 71310 ST. PETERS, PEI          | 4627N    | 06234W    | 30        |           | 1007.1       | 1010.8         | -1.2        |        | 4.8            |        | 11            | 41    |        |          |          |          |
| 71311 NAPPAN AUTO, NS          | 4545N    | 06414W    | 20        |           | 1007.9       | 1010.3         | -1.1        |        | 4.8            |        | 11            | 62    |        |          |          |          |
| 71315 CHARLO AUTO, NB          | 4759N    | 06620W    | 42        |           | 1008.1       | 1013.5         | -2.4        |        | 4.2            |        | 12            | 69    |        |          |          |          |
| 71317 DEBERT, NS               | 4525N    | 06328W    | 39        |           | 1005.0       | 1009.7         | -2          |        | 4.8            |        | 12            | 61    |        |          |          |          |
| 71318 CORONATION CLIMATE, ALTA | 5204N    | 11120W    | 791       |           | 922.5        | 1019.5         | -8.7        |        | 2.9            |        | 6             | 19    |        |          |          |          |
| 71320 HALL BEACH CLIMATE, NU   | 6846N    | 08114W    | 8         |           | 1021.0       | 1021.1         | -25.6       |        | .8             |        | 2             | 11    |        |          |          |          |
| 71321 IQALUIT CLIMATE, NU      | 6345N    | 06833W    | 34        |           | 1019.0       | 1023.5         | -16.4       |        | 1.5            |        | 8             | 33    |        |          |          |          |
| 71322 ARVIAT CLIMATE, NU       | 6106N    | 09404W    | 10        |           | 1022.0       | 1023.3         | -20.9       |        | 1.2            |        | 8             | 53    |        |          |          |          |
| 71331 ISLAND FALLS (AUT), SASK | 5532N    | 10220W    | 297       |           | 984.5        | 1022.5         | -9.7        |        | 2.1            |        | 5             | 24    |        |          |          |          |
| 71332 KUGLUKTUK CLIMATE, NU    | 6749N    | 11508W    | 24        |           | 1021.7       | 1024.8         | -24.9       |        | .7             |        | 4             | 10    |        |          |          |          |
| 71350 HARRINGTON CDA CS, PEI   | 4621N    | 06310W    | 53        |           | 1003.4       | 1010.0         | -1.6        |        | 4.6            |        | 10            | 42    |        |          |          |          |
| 71352 ELORA RCS, ONT           | 4339N    | 08025W    | 376       |           | 971.4        | 1017.6         | -1.7        |        | 3.8            |        | 13            | 49    |        |          |          |          |
| 71355 ALERT CLIMATE, NU        | 8230N    | 06220W    | 65        |           | 1019.0       | 1028.1         | -29.3       |        | .5             |        | 4             | 11    |        |          |          |          |
| 71356 BAKER LAKE CLIMATE, NU   | 6419N    | 09600W    | 51        |           | 1019.0       | 1025.2         | -24.1       |        | .8             |        | 5             | 13    |        |          |          |          |
| 71357 QIKIQTARJUAQ CLIMATE, NU | 6732N    | 06402W    | 6         |           | 1023.3       | 1024.0         | -22.0       |        | 1.0            |        | 4             | 11    |        |          |          |          |
| 71361 HAY RIVER CLIMATE, NWT   | 6050N    | 11540W    | 164       |           | 1000.6       | 1022.1         | -13.2       |        | 1.9            |        | 2             | 8     |        |          |          |          |
| 71362 FORT SMITH CLIMATE, NWT  | 6001N    | 11150W    | 203       |           | 995.5        | 1021.8         | -11.2       |        | 1.9            |        | 12            | 26    |        |          |          |          |
| 71363 GJOA HAVEN CLIMATE, NU   | 6838N    | 09551W    | 42        |           | 1017.9       | 1023.7         | -28.1       |        | .6             |        | 9             | 20    |        |          |          |          |
| 71364 INUVIK CLIMATE, NWT      | 6819N    | 13330W    | 103       |           | 1008.5       | 1022.3         | -16.1       |        | 1.4            |        | 3             | 7     |        |          |          |          |
| 71407 RESERVED OR UNKNOWN      | 9999N    | 99999E    |           |           | 1021.0       | 1023.2         | -26.8       |        | .7             |        | 2             | 9     |        |          |          |          |
| 71434 PEAWANUCK (AUT), ONT     | 5459N    | 08526W    | 52        |           | 1016.7       | 1021.9         | -15.1       |        | 1.6            |        | 3             | 9     |        |          |          |          |
| 71435 UPSALA (AUT), ONT        | 4902N    | 09028W    | 489       |           | 961.6        | 1022.6         | -7.3        |        | 2.2            |        | 1             | 5     |        |          |          |          |
| 71446 SWIFT CURRENT CDA, SASK  | 5016N    | 10740W    | 825       |           | 919.3        | 1019.3         | -6.1        |        | 3.4            |        | 8             | 31    |        | 5        |          |          |
| 71470 LUPIN CS, NU             | 6546N    | 11110W    | 497       |           | 959.9        | 1025.7         | -23.7       |        | .8             |        | 0             | 0     |        |          |          |          |
| 71480 RESERVED OR UNKNOWN      | 9999N    | 99999E    |           |           | 1010.0       | 1022.6         | -15.5       |        | 1.5            |        | 1             | 10    |        |          |          |          |
| 71493 PARRSBORO, NS            | 4524N    | 06420W    | 31        |           | 1006.0       | 1009.8         | -4          |        | 4.8            |        | 13            | 92    |        |          |          |          |
| 71508 TORONTO CITY, ONT        | 4340N    | 07924W    | 113       |           | 1001.9       | 1016.1         | 1.0         |        | 3.9            |        | 3             | 23    |        |          |          |          |
| 71550 DAUPHIN CS, MAN          | 5106N    | 10000W    | 305       |           | 983.8        | 1022.3         | -7.2        |        | 3.1            |        | 5             | 17    |        |          |          |          |
| 71558 ST ANTHONY, NFLD         | 5123N    | 05606W    | 29        |           | 1009.6       | 1013.3         | -1.8        |        | 4.7            |        | 6             | 26    |        |          |          |          |
| 71559 ESTEVAN RCS, SASK        | 4913N    | 10258W    | 581       |           | 949.4        | 1021.2         | -6.7        |        | 3.3            |        | 6             | 24    |        |          |          |          |
| 71570 GREAT FALLS CLIMATE, MAN | 5031N    | 09558W    | 253       |           | 990.9        | 1022.7         | -4.1        |        | 2.7            |        | 2             | 7     |        |          |          |          |
| 71573 DELHI CS, ONT            | 4252N    | 08033W    | 232       |           | 988.7        | 1022.5         | .7          |        | 4.4            |        | 10            | 49    |        |          |          |          |
| 71575 CAPE DORSET CLIMATE, NU  | 6413N    | 07631W    | 50        |           | 1014.2       | 1020.9         | -17.9       |        | 1.4            |        | 22            | 96    |        |          |          |          |
| 71576 POND INLET CLIMATE, NU   | 7241N    | 07757W    | 65        |           | 1015.7       | 1024.7         | -29.0       |        | .5             |        | 1             | 5     |        |          |          |          |
| 71585 FORT MCMURRAY CS, ALTA   | 5639N    | 11110W    | 369       |           | 973.7        | 1020.3         | -8.5        |        | 2.4            |        | 3             | 12    |        |          |          |          |
| 71586 LA RONGE RCS, SASK       | 5509N    | 10510W    | 379       |           | 974.4        | 1022.2         | -8.5        |        | 2.4            |        | 5             | 19    |        |          |          |          |
| 71590 EDMUNDSTON, NB           | 4725N    | 06819W    | 157       |           | 994.0        | 1013.3         | -2.9        |        | 3.7            |        | 6             | 49    |        | 3        |          |          |
| 71592 ARCTIC BAY CS, NU        | 7259N    | 08500W    | 10        |           | 1022.8       | 1024.1         | -28.1       |        | .5             |        |               | 4     |        |          |          |          |
| 71613 EUREKA CLIMATE           | 7959N    | 08556W    | 65        |           | 1026.7       | 1028.2         | -38.0       |        | .2             |        |               | 2     |        |          |          |          |
| 71622 LONDON CS, ONT           | 4302N    | 08109W    | 278       |           | 983.9        | 1018.1         | -8          |        | 4.1            |        | 10            | 46    |        |          |          |          |

# SURFACE

# MARCH 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. |
| 71665 NAIN, NFLD                   | 5633N    | 06141W    | 12        |           | 1017.6       | 1018.6         | -5.3        |        | 3.5            |        | 11            | 49    |        |          |          |          |
| 71693 SLAVE LAKE RCS, AB           | 5529N    | 11477E    | 582       |           | 948.0        | 1021.1         | -9.2        |        | 2.8            |        | 11            | 34    |        |          |          |          |
| 71695 THE PAS CLIMATE, MAN         | 5358N    | 10106W    | 274       |           | 988.1        | 1022.4         | -8.3        |        | 2.4            |        | 3             | 15    |        |          |          |          |
| 71696 CHURCHILL CLIMATE, MAN       | 5844N    | 09404W    | 29        |           | 1020.2       | 1022.8         | -16.3       |        | 1.5            |        | 2             | 7     |        |          |          |          |
| 71710 ILES DE LA MADELEINE, QUE    | 4725N    | 06146W    | 8         |           | 1009.8       | 1010.7         | -1.7        |        | 4.9            |        | 10            | 40    |        |          |          |          |
| 71713 LA POCATIERE, QUE            | 4721N    | 07001W    | 31        |           | 1010.1       | 1014.0         | -2.9        |        | 4.1            |        | 9             | 36    |        | 1        |          |          |
| <b>71721 MANIWAKI AIRPORT, QUE</b> | 4616N    | 07559W    | 201       |           | 991.8        | 1016.8         | -3.6        |        | 3.6            |        | 13            | 60    |        | 3        |          |          |
| 71726 PARENT, QUE                  | 4755N    | 07437W    | 445       |           | 961.7        | 1016.8         | -6.1        |        | 3.1            |        | 5             | 18    |        |          |          |          |
| <b>71727 BAGOTVILLE A, QUE</b>     | 4820N    | 07100W    | 159       |           | 996.1        | 1016.2         | -3.3        | 3.1    | 3.8            |        | 7             | 27    | -25    | 1        |          |          |
| 71741 KAMLOOPS AUT, BC             | 5042N    | 12026W    | 345       |           | 974.0        | 1016.2         | 3.9         |        | 5.1            |        | 2             | 12    |        |          |          |          |
| 71742 GANDER AIRPORT CS, NFLD      | 4856N    | 05434W    | 151       |           | 993.3        | 1012.0         | -1.1        |        | 5.0            |        | 10            | 42    |        |          |          |          |
| 71743 RIVIERE AUX FEUILLES, QUE    | 5754N    | 07258W    | 171       |           | 999.3        | 1021.8         | -15.5       |        | 2.0            |        |               | 3     |        |          |          |          |
| 71747 ATIKOKAN (AUT), ONT          | 4845N    | 09137W    | 389       |           | 973.8        | 1022.5         | -6.2        | .4     | 2.4            |        | 2             | 14    | -22    |          |          |          |
| 71779 QUESNEL AIRPORT CD, BC       | 5301N    | 12230W    | 545       |           | 949.5        | 1016.3         | -1.5        |        | 4.2            |        | 9             | 36    |        |          |          |          |
| 71783 VICTORIA UNIVERSITY CAMPBELL | 4827N    | 12310W    | 49        |           | 1008.4       | 1015.8         | 6.8         |        | 7.4            |        | 5             | 14    |        |          |          |          |
| <b>71813 NATASHQUAN A, QUE</b>     | 5011N    | 06149W    | 11        |           | 1012.3       | 1013.7         | -2.0        | 4.7    | 4.1            |        | 6             | 23    | -58    | 0        |          |          |
| <b>71816 GOOSE A, NFLD</b>         | 5319N    | 06025W    | 49        |           | 1011.0       | 1017.2         | -3.4        | 5.8    | 4.0            |        | 8             | 40    | -28    | 2        |          |          |
| <b>71818 CARTWRIGHT, NFLD</b>      | 5342N    | 05702W    | 15        |           | 1014.7       | 1016.5         | -2.6        | 6.1    | 4.4            |        | 10            | 52    | -44    | 1        |          |          |
| 71823 LA GRANDE IV A, QUE          | 5345N    | 07340W    | 306       |           | 981.2        | 1020.3         | -9.3        |        | 2.4            |        | 3             | 8     |        | 1        |          |          |
| 71826 PANGNIRTUNG, NU              | 6609N    | 06543W    | 23        |           | 1017.4       | 1021.8         | -17.3       |        | 1.4            |        | 4             | 13    |        |          |          |          |
| 71827 LA GRANDE RIVIERE A,         | 5338N    | 07742W    | 195       |           | 996.4        | 1021.7         | -11.7       |        | 2.0            |        | 3             | 7     |        | 1        |          |          |
| <b>71828 SCHEFFERVILLE A, QUE</b>  | 5448N    | 06648W    | 518       |           | 954.5        | 1019.4         | -10.3       | 5.4    | 2.4            |        | 6             | 20    | -27    | 1        |          |          |
| 71832 NAGAGAMI (AUT), ONT          | 4944N    | 08409W    | 264       |           | 989.5        | 1023.3         | -11.7       |        | 1.9            |        | 4             | 15    |        |          |          |          |
| 71834 GERALDTON A, ONT             | 4946N    | 08655W    | 349       |           | 979.4        | 1023.7         | -10.8       |        | 2.0            |        | 4             | 11    |        |          |          |          |
| <b>71842 SIOUX LOOKOUT A, ONT</b>  | 5007N    | 09154W    | 390       |           | 974.6        | 1023.0         | -7.2        | .4     | 2.3            |        |               |       |        |          |          |          |
| 71868 HUDSON BAY, SASK             | 5249N    | 10210W    | 358       |           | 976.8        | 1022.1         | -8.0        |        | 2.8            |        | 5             | 34    |        |          |          |          |
| <b>71869 PRINCE ALBERT A, SK</b>   | 5313N    | 10540W    | 428       |           | 968.8        | 1022.9         | -9.5        | -.7    | 2.6            |        | 6             | 46    | 28     | 5        |          |          |
| 71884 YARMOUTH RCS, NS             | 4383N    | 06608E    | 36        |           | 1004.5       | 1009.0         | 1.5         | -2.2   | 5.1            |        | 8             | 63    | 4      |          |          |          |
| <b>71894 ESTEVAN POINT CS, BC</b>  | 4923N    | 12630W    | 7         |           | 1014.6       | 1015.5         | 6.2         |        | 8.1            |        | 15            | 209   |        | 1        |          |          |
| 71900 HOPEDALE (AUT), NFLD         | 5527N    | 06013W    | 12        |           | 1017.1       | 1018.4         | -4.7        |        | 3.9            |        |               |       |        |          |          |          |
| <b>71906 KUUJUAQ A, QUE</b>        | 5806N    | 06825W    | 44        |           | 1015.7       | 1021.0         | -10.1       | 8.4    | 2.4            |        | 7             | 27    | 0      | 3        |          |          |
| <b>71907 INUKJUAQ A, QUE</b>       | 5828N    | 07805W    | 28        |           | 1019.2       | 1022.3         | -16.4       | 4.7    | 1.6            |        | 2             | 9     | -3     | 2        |          |          |
| <b>71915 CORAL HARBOUR A,</b>      | 6411N    | 08321W    | 64        |           | 1016.1       | 1024.6         | -22.4       | 3.6    | .9             |        | 6             | 19    | 8      | 5        |          |          |
| 71923 ENNADAI LAKE (AUT), NU       | 6107N    | 10050W    | 353       |           | 978.4        | 1024.9         | -20.3       |        | 1.2            |        | 1             | 5     |        |          |          |          |
| <b>71945 FORT NELSON A, BC</b>     | 5850N    | 12230W    | 389       |           | 972.7        | 1021.1         | -8.1        | .7     | 2.4            |        | 7             | 32    | 15     | 5        |          |          |
| 71952 BURNS LAKE CAMPBELL SCIENTIF | 5423N    | 12550W    | 713       |           | 929.7        | 1015.9         | -4.3        | -2.4   | 3.6            |        | 6             | 25    | 0      |          |          |          |
| 71956 GORE BAY CLIMATE, ONT        | 4553N    | 08234W    | 187       |           | 995.9        | 1019.6         | -3.6        | 22.3   | 3.2            |        | 5             | 36    | 33     |          |          |          |
| <b>71964 WHITEHORSE A, YT</b>      | 6042N    | 13500W    | 706       |           | 931.2        | 1018.6         | -7.4        | -.2    | 2.7            |        |               |       |        |          |          |          |
| <b>71966 DAWSON, YT</b>            | 6403N    | 13900W    | 370       |           | 973.3        | 1020.5         | -10.1       |        | 2.1            |        | 3             | 8     |        | 3        |          |          |
| 71984 PAULATUK, NWT                | 6921N    | 12400W    | 6         |           | 1023.2       | 1024.0         | -21.7       |        | 1.0            |        | 2             | 8     |        |          |          |          |
| 71989 MOULD BAY CS, NWT            | 7614N    | 11920W    | 2         |           | 1027.6       | 1029.4         | -33.4       |        | .3             |        | 01            | 1     |        | 1        |          |          |
| <b>MEXICO</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 76225 CHIHUAHUA, CHIH.             | 2838N    | 10600W    | 1433      |           | 860.6        | 1007.9         | 18.3        |        | 6.6            |        | 0             | 0     |        | 3        | 244      | 105      |
| 76243 PIEDRAS NEGRAS, COAH.        | 2842N    | 10030W    | 250       |           | 987.0        | 1015.8         | 21.7        |        | 18.0           |        | 2             | 32    |        | 4        | 193      | 175      |
| 76256 EMPALME, SON.                | 2757N    | 11040W    | 12        |           | 1013.6       | 1015.0         | 22.8        |        | 8.9            |        | 0             | 0     |        | 0        | 268      | 85       |



# SURFACE

# MARCH 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. |
| 76305 LORETO, BCS                  | 2601N    | 11120W    | 7         |           | 1013.3       | 1014.0         | 22.4        |        | 10.7           |        | 0             | 0     |        | 0        | 275      | 90       |
| 76311 CHOIX, SIN.                  | 2644N    | 10810W    | 238       |           | 984.6        | 1011.8         | 23.5        |        | 21.9           |        | 0             | 0     |        | 0        | 214      | 80       |
| 76323 HIDALGO DEL PARRAL,          | 2656N    | 10540W    | 1661      |           | 826.4        | 1015.1         | 18.3        |        | 5.8            |        | 0             | 0     |        | 1        | 286      | 105      |
| 76342 MONCLOVA, COAH.              | 2653N    | 10120W    | 615       |           | 945.9        | 1014.9         | 16.6        |        | 12.2           |        | 0             | 0     |        | 0        | 272      | 125      |
| 76382 TORREON, COAH.               | 2532N    | 10320W    | 1124      |           | 888.3        | 1009.2         | 23.1        |        | 12.0           |        | 0             | 0     |        | 0        | 269      | 115      |
| 76390 SALTILLO, COAH.              | 2522N    | 10100W    | 1790      |           | 822.6        | 1010.8         | 17.2        |        | 11.6           |        | 0             | T     |        | 1        | 284      | 105      |
| 76393 MONTERREY, N.L.              | 2544N    | 10010W    | 515       |           | 956.8        | 1013.6         | 22.2        |        | 16.1           |        | 0             | 0     |        | 0        | 208      | 115      |
| 76402 CIUDAD CONSTITUCION, BCS     | 2457N    | 11140W    | 48        |           | 1008.9       | 1014.6         | 21.2        |        | 12.5           |        | 0             | 0     |        | 4        | 274      | 100      |
| 76405 LA PAZ, BCS                  | 2410N    | 11010W    | 18        |           | 1012.2       | 1014.3         | 23.0        |        | 15.8           |        | 0             | 0     |        | 0        | 291      | 100      |
| 76423 DURANGO, DGO.                | 2403N    | 10430W    | 1872      |           | 814.9        | 1009.7         | 18.2        |        | 7.2            |        | 0             | 0     |        | 1        | 299      | 100      |
| 76458 COLONIA JUAN CARRASCO MAZATL | 2312N    | 10620W    | 4         |           | 1012.1       | 1012.5         | 21.1        | .7     | 18.0           | -9     | 0             | 0     | -2     | 0        | 316      | 123      |
| 76471 SOMBRERETE, ZAC.             | 2338N    | 10330W    | 2351      |           | 769.2        | 1006.7         | 18.4        |        | 6.7            |        | 0             | T     |        | 3        | 318      | 110      |
| 76491 CIUDAD VICTORIA,             | 2344N    | 09908W    | 355       |           | 977.6        | 1016.0         | 23.7        |        | 18.5           |        | 1             | 2     |        | 0        | 224      | 105      |
| 76499 SOTO LA MARINA,              | 2346N    | 09812W    | 21        |           | 1011.5       | 1013.9         | 23.5        |        | 19.1           |        | 2             | 25    |        | 1        | 195      | 95       |
| 76525 ZACATECAS, ZAC. (LA BUFA, ZA | 2247N    | 10230W    | 2612      |           | 747.3        | 1008.0         | 16.1        | 3.4    | 4.8            | -2     | 0             | 0     | -3     | 0        | 318      | 129      |
| 76539 SAN LUIS POTOSI,             | 2211N    | 10050W    | 1883      |           | 814.6        | 1011.2         | 18.5        |        | 8.8            |        | 0             | 0     |        | 0        | 256      | 95       |
| 76548 TAMPICO, TAMPS               | 2212N    | 09751W    | 25        |           | 1015.2       | 1016.2         | 23.7        | 1.2    | 21.5           | .5     | 2             | 5     | -10    | 2        | 167      | 95       |
| 76556 TEPIC, NAY.                  | 2131N    | 10450W    | 915       |           | 911.2        | 1011.6         | 22.1        |        | 15.6           |        | 0             | 0     |        | 0        | 305      | 100      |
| 76577 GUANAJUATO, GTO.             | 2100N    | 10110W    | 1999      |           | 804.1        | 1011.1         | 22.0        | 3.9    | 10.6           | .9     | 0             | 0     | -10    | 0        | 268      | 101      |
| 76581 RIO VERDE, S.L.P.            | 2156N    | 09959W    | 983       |           | 902.9        | 1011.0         | 22.1        |        | 18.7           |        | 01            | 1     |        | 1        | 231      | 100      |
| 76585 MATLAPA, S.L.P.              | 2119N    | 09849W    | 132       |           | 999.4        | 1014.8         | 23.7        |        | 29.7           |        | 9             | 81    |        | 6        | 184      | 105      |
| 76593 PROGRESO, YUC.               | 2118N    | 08939W    |           |           | 1014.8       | 1015.1         | 25.3        |        | 24.3           |        | 1             | 1     |        | 2        | 281      | 110      |
| 76612 GUADALAJARA, JAL.            | 2040N    | 10320W    | 1551      |           | 845.9        | 1009.7         | 21.3        |        | 9.6            |        | 0             | 0     |        | 3        | 312      | 110      |
| 76634 TULANCINGO, HGO.             | 2005N    | 09822W    | 2181      |           | 785.8        | 1012.8         | 17.1        |        | 11.3           |        | 3             | 10    |        | 3        | 269      | 115      |
| 76640 TUXPAN, VER.                 | 2057N    | 09724W    | 28        |           | 1014.9       | 1016.1         | 23.5        |        | 26.8           |        | 8             | 40    |        | 4        | 129      | 85       |
| 76644 AEROP.INTERNACIONAL MERIDA,  | 2059N    | 08939W    | 9         |           | 1013.5       | 1014.7         | 27.1        | 1.2    | 24.8           | 3.2    | 1             | 1     | -23    | 1        | 284      | 118      |
| 76647 VALLADOLID, YUC.             | 2041N    | 08812W    | 27        |           | 1011.6       | 1014.6         | 25.8        |        | 23.4           |        | 4             | 40    |        | 2        | 275      | 105      |
| 76654 MANZANILLO, COL.             | 1903N    | 10410W    | 3         |           | 1012.1       | 1012.5         | 25.2        |        | 24.6           |        | 0             | 0     |        | 0        | 294      | 100      |
| 76656 CIUDAD GUZMAN, JAL.          | 1943N    | 10320W    | 1515      |           | 851.2        | 1014.7         | 20.3        |        | 10.7           |        | 0             | 0     |        | 1        | 270      | 110      |
| 76665 MORELIA, MICH.               | 1942N    | 10110W    | 1913      |           | 811.5        | 1008.3         | 21.0        | 2.8    | 13.0           | 2.9    | 0             | T     | -10    | 1        | 283      | 134      |
| 76675 TOLUCA, MEX.                 | 1917N    | 09941W    | 2720      |           | 738.1        | 1010.2         | 14.4        |        | 7.0            |        | 1             | 8     |        | 2        | 274      | 170      |
| 76680 MEXICO (CENTRAL),            | 1924N    | 09911W    | 2303      |           | 775.1        | 1007.9         | 19.1        | 2.1    | 12.5           | 4.1    | 3             | 12    | -1     | 4        | 267      | 117      |
| 76683 TLAXCALA, TLAX.              | 1919N    | 09815W    | 2248      |           | 782.7        | 1012.6         | 17.1        |        | 1.0            |        | 1             | 2     |        | 2        | 278      | 110      |
| 76685 PUEBLA, PUE.                 | 1903N    | 09810W    | 2179      |           | 786.4        | 1008.3         | 18.6        |        | 8.4            |        | 2             | 18    |        | 5        | 270      | 95       |
| 76687 JALAPA, VER.                 | 1938N    | 09655W    | 1389      |           | 866.4        | 1012.8         | 19.1        |        | 17.1           |        | 9             | 118   |        | 5        | 185      | 100      |
| 76692 HACIENDA YLANG YLANG VERACRU | 1909N    | 09607W    | 16        |           | 1011.9       | 1013.7         | 25.3        | 1.9    | 25.9           | 2.4    | 0             | 0     | -17    | 2        | 241      | 128      |
| 76695 CAMPECHE, CAMP.              | 1951N    | 09033W    | 5         |           | 1013.2       | 1013.7         | 26.7        |        | 28.4           |        | 1             | 6     |        | 3        | 288      | 100      |
| 76698 FELIPE CARRILLO PUERTO, Q.RO | 1942N    | 08754W    | 12        |           | 1013.8       | 1015.0         | 27.6        |        | 30.1           |        | 1             | 43    |        | 4        | 288      | 110      |
| 76726 CUERNAVACA, MOR.             | 1853N    | 09914W    | 1618      |           | 838.3        | 1006.0         | 23.9        |        | 11.0           |        | 2             | 7     |        | 4        | 297      | 100      |
| 76737 ORIZABA, VER.                | 1851N    | 09706W    | 1259      |           | 877.2        | 1013.4         | 20.0        |        | 17.5           |        | 8             | 70    |        | 5        | 160      | 90       |
| 76741 COATZACOALCOS, VER.          | 1808N    | 09425W    | 22        |           | 1009.9       | 1011.7         | 25.9        |        | 28.8           |        | 5             | 102   |        | 1        | 231      | 130      |
| 76750 CHETUMAL, Q.R.               | 1829N    | 08818W    | 7         |           |              |                | 26.9        |        | 26.7           |        | 1             | 95    |        | 5        | 268      | 110      |
| 76762 CHILPANCIINGO, RO.           | 1733N    | 09930W    | 1265      |           | 875.4        | 1010.2         | 23.5        |        | 16.9           |        | 0             | 0     |        | 3        | 299      | 115      |
| 76805 ACAPULCO, GRO.               | 1650N    | 09956W    | 3         |           | 1011.5       | 1011.9         | 26.7        | .3     | 27.9           | .9     | 0             | 0     | -2     | 0        | 341      | 119      |
| 76833 SALINA CRUZ, OAX.            | 1610N    | 09511W    | 2         |           | 1000.0       | 1000.0         | 29.5        | 1.9    | .0             | -24.4  | 0             | 0     | -3     | 0        | 220      | 80       |
| 76840 ARRIAGA, CHIS.               | 1614N    | 09354W    | 48        |           | 1007.7       | 1009.9         | 28.4        |        | 31.0           |        | 0             | 0     |        | 0        | 289      | 110      |

# SURFACE

# MARCH 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. |
| 76845 SN. CRISTOBAL LAS CASAS, CHI | 1645N    | 09238W    | 2116      |           | 795.1        | 1014.6         | 15.8        |        | 17.0           |        | 5             | 36    |        | 1        | 246      | 100      |
| 76848 COMITAN, CHIS.               | 1615N    | 09208W    | 1646      |           | 838.1        | 1007.2         | 15.3        |        | 12.6           |        | 1             | 1     |        | 1        | 294      | 105      |
| 76855 PUERTO ANGEL, OAX.           | 1541N    | 09629W    | 46        |           | 1005.8       | 1010.7         | 27.7        |        | 26.7           |        | 0             | 0     |        | 0        | 296      | 95       |
| 76903 TAPACHULA, CHIS              | 1455N    | 09215W    | 118       |           | 998.4        | 1011.7         | 28.3        |        | 27.7           |        | 2             | 21    |        | 3        | 246      | 105      |
| <b>BERMUDA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78016 BERMUDA INTERNATIONAL AIRPOR | 3222N    | 06440W    | 130       |           | 1011.9       | 1011.5         | 17.8        |        | 14.4           |        | 20            | 194   |        |          | 201      |          |
| <b>BAHAMAS</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78073 NASSAU AIRPORT NEW PROVIDENC | 2503N    | 07728W    | 7         |           | 1017.0       | 1017.8         | 22.0        | -2     | 19.1           | -1.1   | 4             | 163   | 124    | 5        | 282      | 110      |
| <b>CUBA</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78310 CABO SAN ANTONIO,            | 2152N    | 08457W    | 8         |           | 1015.8       | 1016.8         | 23.9        |        | 22.5           |        | 3             | 59    |        |          |          |          |
| 78325 CASA BLANCA,                 | 2310N    | 08221W    | 50        |           | 1011.1       | 1016.9         | 22.9        | -8     | 18.8           |        | 4             | 22    | -24    | 2        |          |          |
| 78355 CAMAGUEY                     | 2124N    | 07751W    | 122       |           | 1003.6       | 1017.2         | 23.1        |        | 19.2           |        | 4             | 33    |        |          |          |          |
| 78369 PUNTA DE MAISI,              | 2015N    | 07409W    | 10        |           | 1014.7       | 1015.6         | 25.1        |        | 22.0           |        | 6             | 41    |        |          |          |          |
| <b>CAYMAN ISLANDS</b>              |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78384 OWEN ROBERTS AIRPORT GRAND C | 1917N    | 08121W    | 3         |           |              | 1015.6         | 26.5        | 2.8    | 26.2           |        | 2             | 7     | -39    | 1        |          |          |
| <b>JAMAICA</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78388 MONTEGO BAY/SANGSTER         | 1830N    | 07755W    | 8         |           | 1014.4       | 1014.5         | 26.1        |        | 25.4           |        | 4             | 129   |        | 5        | 274      | 20       |
| 78397 KINGSTON/NORMAN MANLEY       | 1756N    | 07647W    | 14        |           | 1014.0       | 1014.2         | 26.9        |        | 26.7           |        | 2             | 7     |        | 2        | 272      |          |
| <b>PUERTO RICO AND US POSS</b>     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78526 SAN JUAN/INT.,               | 1825N    | 06559W    | 4         |           | 1015.4       | 1015.7         | 25.9        | .3     | 23.8           |        | 6             | 70    | 11     | 4        |          |          |
| <b>HONDURAS</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78708 LA MESA (SAN PEDRO SULA)     | 1527N    | 08756W    | 31        |           | 1010.9       | 1013.8         | 26.2        | .4     | 28.6           |        | 04            | 0035  | -003   | 0        | 255      | 105      |
| 78720 TEGUCIGALPA                  | 1403N    | 08713W    | 1007      |           | 903.7        | 1014.9         | 21.5        | -6     | 14.7           | -9     | 11            | 0020  | 0011   | 0        | 291      | 109      |
| <b>NICARAGUA</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78741 MANAGUA A.C.SANDINO          | 1209N    | 08610W    | 56        |           | 1004.8       | 1011.0         | 28.3        |        | 16.9           |        | 0             | 0     |        | 0        | 316      | 105      |
| <b>COSTA RICA</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78767 PUERTO LIMON                 | 1000N    | 08303W    | 5         |           | 1011.9       | 1012.1         | 25.1        | .1     |                |        | 12            | 245   | 52     | 5        | 176      | 100      |
| <b>GUADELOUPE</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 78897 LE RAIZET, GUADELOUPE        | 1616N    | 06131W    | 11        |           | 1014.6       | 1015.4         | 25.2        | .3     | 23.8           |        | 3             | 48    | -25    | 2        | 203      |          |

# SURFACE

# MARCH 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.  |
| <b>MARTINIQUE</b><br>78925 LE LAMENTIN  | 1436N  | 06100W   | 8  |           | 1014.1  | 1015.0   | 25.9   | .7  | 24.7   | -.1  | 13  | 67   | -20   | 2   | 222   | 86  |
| <b>BARBADOS</b><br>78954 GRANTLEY ADAMS   | 1304N  | 05929W   | 56   |           | 1006.5  | 1014.3   | 26.1   |   | 25.5   |  | 5   | 25   |   | 2   | 268   | 70  |
| <b>TRINIDAD AND TOBAGO</b><br>78970 PIARCO INT. AIRPORT,  | 1037N  | 06121W   | 15   |           | 1010.9  | 1013.4   | 26.3   | .6  | 25.5   | .8   | 9   | 162  | 128   | 6   | 273   | 110   |
| <b>CURACAO AND BONAIRE</b><br>78988 HATO AIRPORT, CURACAO   | 1212N  | 06858W   | 9  |           | 1012.0  | 1012.9   | 27.0   | .3  | 25.8   | -.5  | 1   | 1  | -14   | 1   | 290   | 109   |
| <b>COLOMBIA</b><br>80001 SAN ANDRES (ISLA)/SESQUICENT<br>80002 PROVIDENCIA (ISLA)/EL EMBRUJ   | 1235N<br>1322N   | 08143W<br>08121W   | 6<br>6   |           | 1012.9  |  | 27.3<br>27.1   | .4  | 26.5<br>28.6   | -1.4   | 3   | 11<br>17   | -11   | 1<br>3  | 296<br>291  | 106<br>110  |
| <b>S AMERICA</b>  |  |  |  |           |   |  |  |   |  |  |   |  |   |   |   |   |
| <b>COLOMBIA</b><br>80009 SANTA MARTA/SIMON BOLIVAR<br>80022 CARTAGENA/RAFAEL NUNEZ<br>80028 BARRANQUILLA/ERNESTO CORTISS<br>80084 APARTADO/LOS CEDROS<br>80091 BARRANCABERMEJA/YARIGUIES<br>80094 BUCARAMANGA/PALONEGRO<br>80097 CUCUTA/CAMILO DAZA<br>80099 ARAUCA/SANTIAGO PEREZ<br>80112 RIONEGRO/J.M.CORDOVA<br>80139 PUERTO CARRENO/A.GUAUQUEA<br>80144 QUIBDO/EL CARANO<br>80210 PEREIRA/MATECANA<br>80214 IBAGUE/PERALES<br>80222 BOGOTA/ELDORADO<br>80234 VILLAVICENCIO/VANGUARDIA<br>80259 CALI/ALFONSO BONILLA ARAGON<br>80315 NEIVA/BENITO SALAS<br>80342 PASTO/ANTONIO NARINO<br>80370 IPIALES/SAN LUIS<br>80398 LETICIA/VASQUEZ COBO | 1108N<br>1027N<br>1053N<br>0749N<br>0701N<br>0706N<br>0756N<br>0704N<br>0608N<br>0610N<br>0543N<br>0449N<br>0426N<br>0442N<br>0410N<br>0333N<br>0258N<br>0125N<br>0049N<br>0410S | 07414W<br>07531W<br>07447W<br>07642W<br>07348W<br>07312W<br>07231W<br>07044W<br>07526W<br>06730W<br>07637W<br>07544W<br>07509W<br>07409W<br>07337W<br>07623W<br>07518W<br>07716W<br>07738W<br>06957W | 14<br>12<br>30<br>20<br>134<br>1189<br>317<br>128<br>2142<br>55<br>53<br>1342<br>928<br>2547<br>431<br>969<br>443<br>443<br>2961<br>84 |           | 1009.0<br>1008.9<br>1004.7<br>880.9<br>973.0<br>989.3<br>789.6<br>1002.7<br>752.6<br>959.7<br>903.5<br>957.5<br>820.8<br>716.2<br>971.5 | 1009.5<br>1009.1<br>1008.2<br>1012.4<br>1003.7<br>1006.2<br>1008.8 | 28.6<br>27.6<br>27.4<br>27.7<br>29.6<br>22.2<br>27.2<br>28.2<br>16.9<br>30.7<br>26.8<br>22.8<br>24.2<br>14.1<br>27.5<br>24.2<br>28.0<br>19.3<br>11.4<br>26.3 | .4<br>.6<br>.4<br>1.1<br>.2<br>-6<br>.1<br>.1<br>.7<br>.4<br>.5<br>.9<br>.2<br>.4<br>.2 | 26.8<br>28.7<br>28.1<br>28.7<br>29.4<br>23.2<br>32.2<br>24.7<br>15.8<br>24.7<br>29.8<br>20.7<br>23.8<br>11.7<br>22.6<br>21.8<br>24.3<br>16.5<br>11.0<br>31.0 | .3<br>1.1<br>.8<br>1.3<br>7.5<br>.2<br>2.1<br>-1<br>1.2<br>1.4<br>-7<br>-1.5<br>-1<br>-4<br>-2 | 0<br>0<br>0<br>2<br>14<br>12<br>9<br>6<br>16<br>5<br>22<br>17<br>12<br>6<br>13<br>5<br>13<br>23 | 0<br>0<br>0<br>4<br>303<br>221<br>88<br>47<br>89<br>137<br>621<br>148<br>175<br>150<br>41<br>103<br>41<br>101<br>257 | -1<br>-1<br>0<br>156<br>92<br>31<br>18<br>5<br>105<br>108<br>-30<br>37<br>-47<br>-61<br>-21<br>-61<br>11<br>-86 | 3<br>4<br>4<br>5<br>5<br>5<br>4<br>5<br>5<br>5<br>3<br>5<br>5<br>4<br>1<br>2<br>1<br>3<br>1 | 262<br>257<br>259<br>210<br>157<br>206<br>156<br>189<br>83<br>182<br>148<br>121<br>188<br>164<br>147<br>99<br>134 | 100<br>104<br>108<br>130<br>99<br>94<br>80<br>95<br>111<br>107<br>115<br>115<br>105<br>98<br>95<br>98 |

# SURFACE

# MARCH 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. |
| <b>GUYANA</b><br>81002 TIMEHRI/CHEDDI JAGAN INTERNA   | 0630N    | 05815W    | 30        |           | 1009.3       | 1012.6         | 25.5        | .4     | 26.9           | .5     | 9             | 827   | 693    | 2        | 233      |          |
| <b>SURINAME</b><br>81225 ZANDERIJ                     | 0527N    | 05512W    | 15        |           | 1012.2       | 1010.8         | 25.8        |        |                |        | 16            | 136   |        |          |          |          |
| <b>FRENCH GUIANA</b><br>81401 SAINT-LAURENT-DU-MARONI | 0530N    | 05402W    | 9         |           | 1011.3       | 1011.9         | 25.7        |        | 27.0           |        | 13            | 198   | 9      |          | 122      | 73       |
| <b>81405 ROCHAMBEAU</b>                               | 0450N    | 05222W    | 9         |           | 1011.3       | 1012.2         | 26.5        |        | 27.8           |        | 20            | 316   | -77    |          | 136      | 98       |
| 81408 SAINT GEORGES DE L'OYAPOCK                      | 0353N    | 05148W    | 7         |           | 1010.8       | 1011.6         | 25.7        |        | 29.2           |        | 24            | 336   | -49    |          | 104      | 94       |
| 81415 MARIPASOULA                                     | 0338N    | 05402W    | 104       |           | 1000.0       | 1012.2         | 26.1        |        | 28.0           |        | 17            | 195   | -66    |          | 82       | 55       |
| <b>BRAZIL</b><br><b>82024 BOA VISTA</b>               | 0249N    | 06039W    | 90        |           |              |                | 29.9        |        | 29.0           |        | 5             | 32    |        | 4        | 191      | 135      |
| <b>82026 TIRIOS</b>                                   | 0229N    | 05559W    | 326       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 82098 MACAPA  | 0002N    | 05103W    | 15        |           | 1009.0       | 1010.8         | 26.7        | 1.0    | 30.3           |        | 15            | 204   | -203   | 1        | 82       | 75       |
| <b>82106 SAO GABRIEL DA CACHOEIRA</b>                 | 0008S    | 06705W    | 90        |           |              |                |             |        |                |        | 10            | 199   |        | 2        | 156      | 115      |
| <b>82113 BARCELOS</b>                                 | 0059S    | 06255W    | 40        |           |              |                | 27.5        | 1.3    | 30.4           |        | 13            | 207   | -299   | 2        | 155      | 88       |
| 82191 BELEM   | 0127S    | 04828W    | 10        |           | 1009.4       | 1009.9         | 26.8        | 1.3    | 31.4           |        | 25            | 507   | 71     | 4        | 172      | 167      |
| 82212 FONTE BOA                                       | 0232S    | 06610W    | 56        |           | 1003.2       | 1011.2         | 28.2        |        | 29.2           |        | 14            | 212   |        | 2        | 147      | 120      |
| 82246 BELTERRA  | 0238S    | 05457W    | 176       |           | 992.7        | 1012.7         | 25.8        | 1.3    | 31.2           |        | 19            | 244   | -58    | 2        | 148      | 116      |
| 82280 SAO LUIZ  | 0232S    | 04418W    | 51        |           | 1004.6       | 1010.4         |             |        | 31.3           |        | 21            | 251   | -171   | 1        | 164      | 153      |
| 82287 PARNAIBA  | 0305S    | 04147W    | 46        |           | 1004.4       | 1007.1         |             |        | 30.6           |        | 16            | 169   | -188   | 1        |          |          |
| <b>82331 MANAUS</b>                                   | 0308S    | 06001W    | 72        |           | 998.2        | 1006.4         | 27.6        | 1.5    | 29.4           |        | 15            | 243   | -70    | 1        | 111      | 113      |
| 82336 ITACOATIARA                                     | 0308S    | 05826W    | 40        |           |              |                | 27.3        | 1.9    | 30.1           |        | 18            | 286   | -49    | 1        | 122      | 144      |
| <b>82353 ALTAMIRA</b>                                 | 0312S    | 05212W    | 74        |           | 999.0        | 1007.4         |             |        | 30.3           |        | 22            | 514   | 221    | 5        | 145      | 158      |
| 82397 FORTALEZA                                       | 0346S    | 03836W    | 26        |           | 1008.4       | 1011.5         | 27.6        | 1.3    | 30.3           |        | 16            | 277   | -61    | 2        | 211      | 143      |
| <b>82400 FERNANDO DE NORONHA</b>                      | 0351S    | 03225W    | 56        |           | 1005.2       | 1011.8         |             |        | 30.5           |        | 6             | 33    | -230   |          |          |          |
| <b>82410 BENJAMIN CONSTANT</b>                        | 0423S    | 07002W    | 65        |           |              |                | 27.3        |        | 30.4           |        | 15            | 237   |        | 2        |          |          |
| 82445 ITAITUBA  | 0416S    | 05559W    | 45        |           | 1007.4       | 1012.6         | 27.4        | 1.2    | 31.3           |        | 14            | 344   | 68     | 4        | 157      | 118      |
| 82460 BACABAL   | 0415S    | 04447W    | 25        |           | 1008.8       | 1011.6         |             |        |                |        | 4             | 39    |        | 0        |          |          |
| 82533 MANICORE  | 0549S    | 06118W    | 50        |           |              |                | 26.7        |        | 29.9           |        | 18            | 267   |        | 2        |          |          |
| 82562 MARABA  | 0521S    | 04909W    | 95        |           | 1000.8       | 1011.7         | 27.2        | 1.4    | 28.0           |        | 18            | 346   | -40    | 3        | 125      | 89       |
| <b>82571 BARRA DO CORDA</b>                           | 0530S    | 04516W    | 153       |           | 992.8        | 1010.2         | 27.0        | 1.6    | 30.6           |        | 11            | 86    | -157   | 1        | 175      | 132      |
| 82578 TERESINA  | 0505S    | 04249W    | 74        |           | 1002.3       | 1010.6         |             |        | 30.2           |        | 16            | 296   | 10     | 3        |          |          |
| 82583 CRATEUS   | 0510S    | 04040W    | 299       |           | 977.4        | 1011.1         | 26.4        | 2.3    | 27.8           |        | 10            | 206   | -23    | 3        | 189      | 117      |
| <b>82586 QUIXERAMOBIM</b>                             | 0512S    | 03918W    | 212       |           | 986.8        | 1013.4         |             |        | 27.2           |        | 9             | 83    | -93    | 1        |          |          |
| 82598 NATAL   | 0546S    | 03512W    | 45        |           | 1006.4       | 1011.8         |             |        |                |        | 9             | 274   |        | 5        | 257      | 110      |
| 82678 FLORIANO  | 0646S    | 04301W    | 127       |           | 997.0        | 1011.0         | 26.8        | .7     | 29.6           |        | 10            | 209   | 21     | 3        | 173      | 104      |
| 82723 LABREA  | 0715S    | 06450W    | 60        |           |              |                | 25.4        |        | 31.5           |        | 11            | 164   |        | 1        |          |          |
| 82765 CAROLINA  | 0720S    | 04728W    | 193       |           | 989.8        | 1013.5         | 26.4        | 1.0    | 30.8           |        | 22            | 423   | 145    | 5        | 151      | 113      |
| 82784 BARBALHA  | 0719S    | 03918W    | 409       |           | 966.2        | 1011.7         | 25.3        | .8     | 28.5           |        | 5             | 176   | -58    | 2        | 193      | 97       |

# SURFACE

# MARCH 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       |           | 982.1        | 1010.8         | 27.7        |        | 24.8           |        | 7             | 77    |        | 1        | 250      |          |
| 82900 RECIFE                    | 0803S    | 03455W    | 7         |           | 1011.5       | 1012.3         | 27.0        | .5     | 28.6           |        | 14            | 121   | -143   | 1        | 199      | 98       |
| 82915 RIO BRANCO                | 0958S    | 06748W    | 160       |           | 992.8        | 1010.9         | 25.9        | .4     | 29.3           |        | 13            | 104   | -124   | 1        | 159      | 135      |
| 82983 PETROLINA                 | 0923S    | 04029W    | 370       |           | 969.0        | 1009.8         | 28.0        | 1.4    | 25.4           |        | 7             | 69    | -78    | 2        | 254      | 113      |
| <b>83064 PORTO NACIONAL</b>     | 1043S    | 04835W    | 239       |           | 982.8        | 1010.6         |             |        |                |        | 17            | 218   | -53    | 2        | 157      | 105      |
| 83096 ARACAJU                   | 1055S    | 03703W    | 5         |           | 1011.7       | 1012.4         | 27.2        | .0     | 25.4           |        | 12            | 186   | 37     | 4        | 274      | 117      |
| 83186 JACOBINA                  | 1111S    | 04028W    | 485       |           | 957.1        |                |             |        |                |        | 10            | 203   | 83     | 5        |          |          |
| 83208 VILHENA AERO              | 1244S    | 06008W    | 612       |           | 942.9        |                | 22.8        |        | 26.5           |        | 18            | 161   |        |          |          |          |
| <b>83229 SALVADOR</b>           | 1301S    | 03831W    | 51        |           | 1007.5       | 1013.2         | 27.7        | 1.0    | 29.7           |        | 10            | 189   | 45     | 4        | 189      | 82       |
| 83235 TAGUATINGA                | 1224S    | 04626W    | 604       |           | 943.4        | 1009.6         | 25.4        | 1.0    | 25.2           |        | 18            | 319   | 82     | 4        | 179      | 105      |
| <b>83236 BARREIRAS</b>          | 1209S    | 04500W    | 439       |           | 961.7        | 1010.6         | 25.1        | .5     |                |        | 14            | 200   | 44     | 4        | 192      | 93       |
| 83242 LENCOIS                   | 1234S    | 04123W    | 439       |           | 962.6        | 1011.4         | 27.3        | 2.2    | 24.9           |        | 16            | 230   | 70     | 4        | 201      | 115      |
| 83288 BOM JESUS DA LAPA         | 1316S    | 04325W    | 440       |           | 961.8        | 1010.2         | 26.8        | .9     | 27.2           |        | 10            | 89    | -8     | 2        | 230      | 98       |
| 83332 POSSE                     | 1406S    | 04622W    | 826       |           | 919.8        | 1008.9         | 24.5        | .7     | 24.3           |        | 14            | 165   | -64    | 2        |          |          |
| 83344 VITORIA DA CONQUISTA      | 1457S    | 04053W    | 840       |           | 916.1        | 1012.5         |             |        |                |        | 11            | 58    | -29    | 2        | 189      | 102      |
| 83358 POXOREO (POXOREU)         | 1550S    | 05423W    | 450       |           | 969.0        | 1008.3         | 26.4        |        | 28.8           |        | 17            | 267   |        | 4        | 63       |          |
| <b>83361 CUIABA</b>             | 1533S    | 05607W    | 151       |           | 994.4        | 1015.1         | 27.7        | 1.2    | 30.4           |        | 13            | 182   | 11     | 3        | 155      | 83       |
| 83377 BRASILIA                  | 1547S    | 04756W    | 1159      |           | 885.9        | 1009.6         | 22.3        | .3     | 20.7           |        | 14            | 242   | 54     | 4        | 180      | 100      |
| 83423 GOIANIA                   | 1640S    | 04915W    | 741       |           | 929.2        | 1009.4         | 25.5        | 1.6    | 23.3           |        | 15            | 157   | -52    | 1        |          |          |
| 83437 MONTES CLAROS             | 1643S    | 04352W    | 646       |           | 940.3        | 1010.7         | 25.0        | .6     | 24.0           |        | 10            | 106   | -18    | 3        | 146      | 66       |
| <b>83481 JOAO PINHEIRO</b>      | 1742S    | 04610W    | 760       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 83492 TEOFILO OTONI             | 1751S    | 04131W    | 356       |           | 972.5        | 1010.3         | 26.1        | 1.2    | 26.5           |        | 9             | 183   | 85     | 5        | 174      | 91       |
| <b>83498 CARAVELAS</b>          | 1744S    | 03915W    | 3         |           | 1011.6       | 1012.1         | 27.2        | .8     | 29.3           |        | 5             | 29    | -83    | 1        | 201      | 87       |
| 83550 SAO MATEUS                | 1842S    | 03951W    | 25        |           | 1009.3       | 1012.5         |             |        | 29.3           |        | 10            | 92    | -22    | 3        |          |          |
| 83565 PARANAIBA                 | 1942S    | 05111W    | 331       |           | 963.3        | 1009.9         |             |        |                |        | 8             | 104   | -77    | 2        | 240      | 106      |
| 83579 ARAXA                     | 1934S    | 04656W    | 1004      |           | 901.4        | 1011.0         |             |        | 22.4           |        | 9             | 75    | -94    | 1        | 229      | 120      |
| 83587 BELO HORIZONTE            | 1956S    | 04356W    | 850       |           | 911.4        | 1009.8         | 24.1        | 1.1    | 20.7           |        | 19            | 392   | 229    | 6        | 189      | 88       |
| 83592 CARATINGA                 | 1948S    | 04209W    | 609       |           | 944.5        | 1011.6         | 23.9        | .5     | 25.0           |        | 10            | 223   | 73     | 4        | 215      | 102      |
| 83623 VOTUPORANGA               | 2025S    | 04959W    | 503       |           | 952.3        | 1009.9         | 26.2        |        | 26.4           |        | 5             | 64    |        | 1        |          |          |
| 83630 FRANCA                    | 2033S    | 04726W    | 1026      |           |              |                | 24.0        | 5.5    | 22.1           |        | 11            | 222   | 42     | 4        | 214      | 183      |
| 83648 VITORIA                   | 2019S    | 04020W    | 36        |           | 1009.2       | 1013.5         | 27.6        | 1.1    | 29.1           |        | 11            | 175   | 64     | 4        | 212      | 90       |
| 83676 CATANDUVA                 | 2108S    | 04858W    | 536       |           | 949.6        | 1011.6         | 26.0        | 1.3    | 24.7           |        | 6             | 80    | -85    | 1        | 168      | 75       |
| 83698 CAMPOS                    | 2145S    | 04120W    | 11        |           | 1012.2       | 1013.6         | 27.1        |        | 28.7           |        | 14            | 227   |        | 6        |          |          |
| 83726 SAO CARLOS                | 2201S    | 04753W    | 856       |           | 919.3        | 1014.7         | 23.4        | 1.7    | 22.7           |        | 5             | 127   | -40    | 2        | 65       | 59       |
| 83738 RESENDE                   | 2229S    | 04428W    | 440       |           | 962.6        | 1012.6         | 24.6        |        | 23.7           |        | 15            | 271   |        | 4        | 207      | 115      |
| 83766 LONDRINA                  | 2323S    | 05111W    | 566       |           | 948.1        | 1011.7         | 25.2        | 1.8    | 25.8           |        | 11            | 140   | 2      | 3        | 170      | 85       |
| <b>83781 SAO PAULO</b>          | 2330S    | 04637W    | 792       |           | 923.6        | 1011.6         | 23.9        | 2.2    | 23.2           |        | 13            | 221   | 62     | 4        | 170      | 118      |
| 83827 FOZ DO IGUACU (AEROPORTO) | 2531S    | 05435W    | 180       |           | 983.4        | 1010.7         | 25.5        |        | 26.7           |        | 8             | 75    |        |          |          |          |
| 83836 IRATI                     | 2528S    | 05038W    | 837       |           | 914.8        | 1010.8         | 21.1        |        | 22.5           |        | 19            | 301   |        | 5        | 121      | 75       |
| <b>83842 CURITIBA</b>           | 2525S    | 04916W    | 924       |           | 911.2        | 1012.9         | 21.5        | 2.5    | 21.4           |        | 16            | 328   | 202    | 5        | 139      | 98       |
| 83897 FLORIANOPOLIS             | 2735S    | 04834W    | 2         |           | 1012.0       | 1012.3         | 24.7        | 1.0    | 25.0           |        | 12            | 142   | -44    | 3        | 126      | 68       |
| 83967 PORTO ALEGRE              | 3001S    | 05113W    | 47        |           | 1006.9       | 1012.5         | 23.2        | .1     | 22.3           |        | 10            | 99    | -5     | 3        | 202      | 101      |
| 83980 BAGE                      | 3120S    | 05406W    | 242       |           | 983.8        | 1011.5         | 21.8        | .3     | 17.8           |        | 7             | 140   | 17     | 4        | 246      | 127      |
| 83997 ST.VITORIA DO PALMAR      | 3331S    | 05321W    | 24        |           | 1009.9       | 1014.2         | 20.3        | -2     | 18.9           |        | 4             | 50    | -45    | 1        | 235      | 110      |

**ECUADOR**

# SURFACE

# MARCH 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. |
| <b>84008 SAN CRISTOBAL (GALAPAGOS)</b> | 0054S    | 08937W    | 8         |           | 709.7        |                | 27.7        | -6     | 32.9           |        |               | 384   | 290    | 3        | 177      |          |
| 84036 SAN GABRIEL                      | 0036N    | 07749W    | 2941      |           |              |                | 12.5        | .2     | 12.0           |        | 10            | 92    | -1     | 1        | 125      |          |
| 84050 LA CONCORDIA                     | 0001N    | 07922W    | 360       |           |              |                | 24.8        | .0     | 27.4           |        | 24            | 363   | -226   | 1        | 74       |          |
| <b>84088 IZOBAMBA</b>                  | 0021S    | 07833W    | 3058      |           | 706.4        |                | 12.5        | .9     | 11.6           |        | 17            | 217   | 49     | 1        | 144      |          |
| 84132 NUEVO ROCAFUERTE                 | 0055S    | 07525W    | 265       |           | 987.9        |                | 25.9        |        | 29.2           |        | 21            | 340   | 102    | 1        | 90       |          |
| 84135 PORTOVIEJO                       | 0102S    | 08027W    | 60        |           | 1006.8       |                | 26.3        | -2.4   | 31.5           |        | 27            | 48    | -59    | 2        | 99       |          |
| <b>84140 PICHILINGUE</b>               | 0106S    | 07929W    | 120       |           | 1011.2       |                | 26.0        | .3     | 28.3           |        | 22            | 283   | -136   | 2        | 181      |          |
| 84179 PUYO                             | 0130S    | 07754W    | 960       |           | 905.8        |                | 21.3        | .3     | 22.3           |        | 23            | 333   | -72    | 1        | 52       |          |
| 84226 CANAR                            | 0233S    | 07856W    | 3083      |           |              |                | 12.3        | -3.1   | 11.5           |        |               | 34    | -29    | 1        | 144      |          |
| <b>84270 LOJA/LA ARGELIA</b>           | 0402S    | 07912W    | 2160      |           |              |                | 16.7        | .7     | 15.4           |        | 15            | 81    | -45    | 1        | 88       |          |
| <b>BOLIVIA</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 85041 COBIJA                           | 1102S    | 06847W    | 235       |           | 983.6        | 1010.1         | 26.6        |        | 29.1           |        | 20            | 179   |        | 2        |          |          |
| 85043 RIBERALTA                        | 1100S    | 06607W    | 141       |           | 994.8        | 1011.0         | 27.2        |        | 29.0           |        | 13            | 295   |        | 4        |          |          |
| 85104 SAN JOAQUIN                      | 1304S    | 06449W    | 140       |           | 993.7        | 1009.7         | 26.9        |        | 29.3           |        | 14            | 369   |        | 5        |          |          |
| 85109 SAN RAMON                        | 1318S    | 06442W    | 140       |           | 993.5        | 1009.5         | 27.0        |        | 29.0           |        | 11            | 207   |        |          |          |          |
| 85114 MAGDALENA                        | 1320S    | 06407W    | 140       |           | 993.3        | 1009.5         | 27.2        |        | 29.6           |        | 15            | 227   |        | 3        |          |          |
| 85123 SANTA ANA                        | 1346S    | 06526W    | 144       |           | 993.2        | 1009.7         | 27.7        |        | 28.3           |        | 13            | 176   |        | 3        |          |          |
| 85140 REYES                            | 1419S    | 06723W    | 140       |           | 987.7        | 1008.5         | 26.6        |        | 28.2           |        | 14            | 270   |        |          |          |          |
| 85141 RURRENABAQUE                     | 1428S    | 06734W    | 204       |           | 985.6        | 1008.9         | 26.8        |        | 30.5           |        | 14            | 415   |        | 5        |          |          |
| 85152 SAN BORJA                        | 1452S    | 06652W    | 194       |           | 986.5        | 1009.1         | 27.0        |        | 29.0           |        | 10            | 162   |        | 2        |          |          |
| 85153 SAN IGNACIO DE MOXOS             | 1455S    | 06536W    | 160       |           | 991.2        | 1009.5         | 26.6        |        | 28.7           |        | 11            | 288   |        | 3        |          |          |
| 85154 TRINIDAD                         | 1449S    | 06455W    | 155       |           | 992.4        | 1010.1         | 27.0        |        | 28.6           |        | 13            | 149   |        | 1        |          |          |
| 85175 ASCENCION DE GUARAYOS            | 1543S    | 06306W    | 247       |           | 981.9        | 1012.4         | 26.1        |        | 27.7           |        | 13            | 112   |        | 2        |          |          |
| 85195 SAN JAVIER                       | 1616S    | 06228W    | 534       |           | 950.1        | 1010.2         | 24.5        |        | 25.9           |        | 9             | 54    |        | 1        |          |          |
| 85196 CONCEPCION                       | 1609S    | 06201W    | 497       |           | 954.7        | 1013.1         | 25.1        |        | 26.4           |        | 13            | 161   |        | 4        |          |          |
| 85201 LA PAZ/ALTO                      | 1631S    | 06811W    | 4058      |           | 629.9        |                | 9.1         |        | 8.1            |        | 19            | 134   |        | 5        |          |          |
| 85207 SAN IGNACIO DE VELASCO           | 1623S    | 06058W    | 413       |           | 964.0        | 1010.9         | 25.7        |        | 27.3           |        | 19            | 5     |        | 2        |          |          |
| 85210 SAN MATIAS                       | 1620S    | 05823W    | 124       |           | 1001.0       | 1011.8         | 27.7        |        | 29.8           |        | 14            | 236   |        |          |          |          |
| 85223 COCHABAMBA                       | 1725S    | 06611W    | 2548      |           | 713.7        | 750.0          | 19.4        |        | 12.8           |        | 14            | 0106  |        | 6        |          |          |
| 85242 ORURO                            | 1758S    | 06704W    | 3072      |           | 655.1        |                | 11.9        |        | 8.9            |        | 11            | 49    |        | 3        |          |          |
| 85244 VIRU-VIRU                        | 1738S    | 06308W    | 373       |           | 967.5        | 1010.0         | 25.7        |        | 24.5           |        | 17            | 51    |        |          |          |          |
| 85245 SANTA CRUZ/EL TROMPILLO          | 1748S    | 06311W    | 418       |           | 961.9        | 1009.4         | 25.7        |        | 23.5           |        | 17            | 47    |        | 1        |          |          |
| 85247 SAN JOSE DE CHIQUITOS            | 1748S    | 06044W    | 284       |           | 980.3        | 1013.6         | 27.4        |        | 26.8           |        | 10            | 54    |        | 1        |          |          |
| 85264 VALLEGRANDE                      | 1828S    | 06406W    | 1998      |           | 802.8        |                | 17.5        |        | 16.4           |        | 20            | 122   |        | 0        |          |          |
| 85268 ROBORE                           | 1819S    | 05946W    | 276       |           | 980.4        | 1012.7         | 26.2        |        | 27.6           |        | 12            | 118   |        | 3        |          |          |
| 85289 PUERTO SUAREZ                    | 1859S    | 05749W    | 134       |           | 993.9        | 1009.2         | 27.1        |        | 31.1           |        | 11            | 51    |        | 1        |          |          |
| 85293 POTOSI                           | 1933S    | 06544W    | 3935      |           | 637.4        |                | 9.7         |        | 9.1            |        | 13            | 44    |        | 0        |          |          |
| 85312 MONTEAGUDO                       | 1947S    | 06355W    | 992       |           | 888.2        |                | 22.4        |        | 21.3           |        | 15            | 177   |        | 0        |          |          |
| 85315 CAMIRI                           | 2000S    | 06332W    | 798       |           | 921.1        | 1008.6         | 23.7        |        | 22.4           |        | 13            | 204   |        | 5        |          |          |
| 85345 VILLAMONTES                      | 2115S    | 06327W    | 398       |           | 964.4        | 1009.8         | 28.6        |        | 24.1           |        | 14            | 185   |        | 0        |          |          |
| 85364 TARIJA                           | 2133S    | 06442W    | 1854      |           | 813.3        | 824.2          | 20.0        |        | 16.1           |        | 11            | 39    |        | 1        |          |          |
| 85365 YACUIBA                          | 2157S    | 06339W    | 645       |           | 937.4        | 1010.1         | 22.3        |        | 25.0           |        | 17            | 229   |        | 4        |          |          |
| 85394 BERMEJO                          | 2246S    | 06419W    | 381       |           | 967.6        | 1010.4         | 23.3        |        | 25.5           |        | 5             | 15    |        | 0        |          |          |
| <b>CHILE</b>                           |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |

# SURFACE

# MARCH 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. |
| <b>85406 ARICA</b>                 | 1821S    | 07020W    | 55        |           | 1007.9       | 1012.2         | 21.8        | .4     | 16.3           | -2.4   | 0             | 0     | 0      | 5        | 272      | 105      |
| 85418 IQUIQUE                      | 2032S    | 07011W    | 48        |           | 1006.7       | 1012.2         | 20.8        | .7     | 15.9           | -1.5   | 0             | 0     | 0      | 5        | 336      | 115      |
| <b>85442 ANTOFAGASTA</b>           | 2326S    | 07027W    | 140       |           | 996.6        | 1012.8         | 18.5        | -2     | 15.2           | -1.6   |               |       |        |          | 307      | 105      |
| <b>85469 ISLA DE PASCUA</b>        | 2710S    | 10920W    | 69        |           | 1016.3       | 1021.4         | 23.7        |        | 22.1           |        | 15            | 71    |        | 3        | 263      | 110      |
| <b>85488 LA SERENA</b>             | 2955S    | 07112W    | 146       |           | 998.1        | 1013.9         | 15.4        | -2     | 14.3           | -7     |               |       |        |          | 217      | 110      |
| 85574 PUDAHUEL                     | 3323S    | 07047W    | 474       |           | 958.8        | 1012.9         | 18.6        |        | 10.5           |        |               |       |        |          |          |          |
| 85577 QUINTA NORMAL                | 3326S    | 07041W    | 520       |           | 954.0        | 1013.5         | 18.1        |        | 11.4           |        | 1             | 2     |        | 4        | 286      | 110      |
| <b>85585 JUAN FERNANDEZ</b>        | 3337S    | 07849W    | 30        |           | 1015.8       | 1019.3         | 18.2        |        | 14.4           |        | 8             | 51    |        | 3        | 173      | 105      |
| <b>85629 CURICO</b>                | 3458S    | 07113W    | 220       |           | 988.0        | 1013.7         | 17.4        | 1.5    | 10.3           | -3.1   | 1             | 34    | 19     | 4        | 291      | 115      |
| 85672 CHILLAN                      | 3635S    | 07202W    | 148       |           | 996.9        | 1014.6         | 15.8        | .0     | 12.0           | -7     | 5             | 26    | 1      | 4        |          |          |
| 85682 CONCEPCION                   | 3646S    | 07304W    | 148       |           | 1014.9       | 1015.8         | 14.6        | .7     | 12.8           | -1     | 6             | 59    | 35     | 5        | 270      | 105      |
| <b>85743 TEMUCO</b>                | 3846S    | 07238W    | 93        |           | 1006.0       | 1016.3         |             |        |                |        | 10            |       |        |          |          |          |
| 85766 VALDIVIA                     | 3938S    | 07305W    | 19        |           | 1014.4       | 1016.4         | 12.8        | -4     | 12.1           | -3     | 10            |       |        |          | 209      | 100      |
| 85782 OSORNO                       | 4036S    | 07303W    | 58        |           |              |                |             |        |                |        | 12            | 180   | 127    | 5        |          |          |
| <b>85799 PUERTO MONTT</b>          | 4126S    | 07306W    | 90        |           | 1005.8       | 1016.0         | 11.6        | -5     | 11.3           | -7     | 14            | 158   | 60     | 5        | 167      | 110      |
| 85864 COYHAIQUE                    | 4536S    | 07206W    | 311       |           | 973.1        | 1010.0         | 10.3        | -9     | 8.7            | -7     | 16            | 96    | 23     |          | 169      | 85       |
| <b>85874 BALMACEDA</b>             | 4555S    | 07142W    | 522       |           | 947.9        | 1009.9         | 8.9         | -4     | 7.7            | -2     | 9             | 44    | 7      | 4        |          |          |
| <b>85934 PUNTA ARENAS</b>          | 5300S    | 07051W    | 43        |           | 991.1        | 996.2          | 7.9         | -3     | 7.3            | -9     | 5             | 20    | -9     | 2        | 164      | 100      |
| <b>PARAGUAY</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 86068 MARISCAL ESTIGARRIBIA        | 2201S    | 06036W    | 167       |           | 990.4        | 1009.4         | 24.9        | -2.0   | 25.3           | 2.7    | 6             | 100   | -19    | 3        | 169      |          |
| 86086 LA VICTORIA                  | 2217S    | 05756W    | 88        |           | 1001.2       | 1010.1         | 26.8        | -1     | 25.6           | .0     | 8             | 68    | -55    | 2        | 217      |          |
| 86097 PEDRO JUAN CABALLERO         | 2335S    | 05544W    | 652       |           | 947.5        | 1011.2         | 24.4        |        | 24.6           |        | 11            | 221   |        | 4        | 205      |          |
| 86128 POZO COLORADO                | 2327S    | 05852W    | 99        |           | 990.9        | 1007.4         | 25.4        |        | 26.5           |        | 13            | 242   |        | 5        | 221      |          |
| 86134 CONCEPCION                   | 2325S    | 05718W    | 74        |           | 1001.4       | 1010.0         | 25.8        | -4     | 27.3           | 2.7    | 13            | 160   | 20     | 4        | 189      |          |
| 86170 GRAL. BRUGUEZ                | 2445S    | 05850W    | 89        |           | 998.4        | 1008.6         | 24.6        |        | 25.9           |        | 13            | 212   |        | 5        | 191      |          |
| 86185 SAN PEDRO                    | 2404S    | 05705W    | 80        |           | 998.7        | 1008.0         | 25.7        |        | 26.1           |        | 8             | 130   |        | 3        | 142      |          |
| 86192 SAN ESTANISLAO               | 2440S    | 05626W    | 183       |           | 989.2        | 1010.9         | 25.4        |        | 24.1           |        | 10            | 232   |        | 5        |          |          |
| 86210 SALTOS DEL GUAIRA            | 2403S    | 05419W    | 265       |           | 974.8        | 1009.1         | 25.3        |        | 26.0           |        | 16            | 205   |        | 5        | 187      |          |
| 86218 AEROPUERTO SILVIO PETTIROSSI | 2515S    | 05731W    | 101       |           | 1001.1       | 1010.7         | 25.2        | -7     | 25.4           | 1.9    | 8             | 288   | 174    | 5        | 187      |          |
| 86221 PARAGUARI                    | 2538S    | 05708W    | 116       |           | 997.8        | 1011.2         | 24.7        |        | 24.8           |        | 10            | 233   |        | 5        | 167      |          |
| 86233 VILLARRICA                   | 2546S    | 05626W    | 161       |           | 991.4        | 1010.2         | 24.6        | -2     | 25.7           | 2.4    | 10            | 142   | -12    | 3        | 195      |          |
| 86234 CORONEL OVIEDO               | 2528S    | 05624W    | 159       |           | 992.4        | 1010.7         | 24.7        |        | 23.0           |        | 11            | 181   |        | 4        | 212      |          |
| 86246 AEROPUERTO INT. GUARANI      | 2521S    | 05427W    | 236       |           | 982.4        | 1010.7         | 24.9        |        | 25.7           |        | 14            | 291   |        | 5        | 181      |          |
| 86255 PILAR                        | 2651S    | 05819W    | 59        |           | 1003.7       | 1010.4         | 24.5        | -8     | 22.6           | -1.1   | 5             | 113   | -48    | 2        | 213      |          |
| 86260 SAN JUAN BAUTISTA MISIONES   | 2640S    | 05709W    | 126       |           | 996.2        | 1011.3         | 24.4        | .6     | 22.1           | .5     | 6             | 172   | 25     | 4        | 197      |          |
| 86268 CAAZAPA                      | 2611S    | 05622W    | 142       |           | 994.0        | 1010.4         | 24.6        |        | 24.6           |        | 11            | 132   |        | 3        | 163      |          |
| 86285 CAPITAN MEZA                 | 2656S    | 05512W    | 263       |           | 984.0        | 1012.2         | 24.4        |        | 24.0           |        | 7             | 67    |        | 1        | 166      |          |
| 86297 ENCARNACION                  | 2720S    | 05550W    | 91        |           | 988.1        | 1011.2         | 24.2        | .8     | 21.4           | -8     | 9             | 152   | 10     | 4        | 201      |          |
| <b>URUGUAY</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>86330 ARTIGAS</b>               | 3023S    | 05630W    | 123       |           | 997.1        | 1004.1         | 22.8        | .3     | 18.0           | -1.9   | 5             | 158   | 7      | 3        | 244      | 103      |
| 86350 RIVERA                       | 3053S    | 05532W    | 242       |           |              |                |             |        |                |        | 6             | 98    |        | 2        | 249      | 105      |
| 86360 SALTO                        | 3123S    | 05757W    | 33        |           |              |                |             |        |                |        | 8             | 95    | -58    | 2        | 280      | 119      |
| 86430 PAYSANDU                     | 3220S    | 05802W    | 61        |           |              |                |             |        |                |        | 6             | 42    |        | 1        | 275      | 115      |

## SURFACE

MARCH 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. |
| <b>86440 MELO</b>                      | 3222S    | 05611W    | 100       |           | 1000.5       | 1006.4         | 20.2        | -6     | 17.4           | -3     | 7             | 88    | -8     | 4        | 248      | 105      |
| 86460 PASO DE LOS TOROS                | 3248S    | 05631W    | 75        |           | 1003.5       | 1012.3         | 21.4        | -2     | 15.9           | -2.9   | 8             | 104   | -21    | 3        | 238      | 105      |
| <b>86490 MERCEDES</b>                  | 3315S    | 05804W    | 22        |           | 1009.8       | 1011.9         | 21.5        | .6     | 17.4           | -4     | 4             | 31    | -96    | 1        | 300      | 128      |
| 86560 COLONIA                          | 3427S    | 05750W    | 22        |           |              |                |             |        |                |        | 5             | 194   | 69     | 5        | 272      | 119      |
| <b>86565 ROCHA</b>                     | 3429S    | 05418W    | 18        |           | 1009.2       | 1011.4         | 19.4        | -5     | 17.0           | -2.1   | 5             | 121   | 31     | 4        | 260      | 115      |
| 86580 CARRASCO                         | 3450S    | 05600W    | 32        |           | 1008.6       | 1012.6         | 20.2        | -3     | 16.5           | -1.2   | 5             | 213   | 107    | 5        | 220      | 93       |
| <b>ARGENTINA</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>87007 LA QUIACA OBSERVATORIO</b>    | 2206S    | 06536W    | 3462      |           | 671.2        |                | 13.2        | 1.2    | 10.1           | 1.8    | 7             | 74    | 26     | 5        | 278      |          |
| 87016 ORAN AERO                        | 2309S    | 06419W    | 357       |           | 968.5        | 1009.0         | 23.0        | -6     | 23.3           | -1.7   | 10            | 95    | -51    | 2        | 145      |          |
| 87022 TARTAGAL AERO                    | 2239S    | 06349W    | 450       |           | 959.7        | 1010.0         | 22.3        |        | 22.8           |        | 10            | 141   |        |          | 87       |          |
| 87046 JUJUY AERO                       | 2423S    | 06505W    | 921       |           | 910.2        |                | 21.0        |        | 18.9           |        | 7             | 57    |        | 1        | 185      | 115      |
| <b>87047 SALTA AERO</b>                | 2451S    | 06529W    | 1238      |           | 877.8        |                | 19.0        | .1     | 17.3           | -9     | 9             | 53    | -65    | 1        | 182      | 173      |
| <b>87065 RIVADAVIA</b>                 | 2410S    | 06254W    | 205       |           | 985.9        |                | 23.9        | -1.6   | 21.9           |        | 8             | 68    | -23    | 1        |          |          |
| 87078 LAS LOMITAS                      | 2442S    | 06035W    | 130       |           | 996.1        | 1011.0         | 24.7        | -9     | 24.7           | 1.8    | 11            | 129   | 17     | 4        | 154      | 66       |
| 87097 IGUAZU AERO                      | 2544S    | 05428W    | 270       |           | 979.9        | 1010.6         | 24.3        |        | 25.8           |        | 13            | 396   |        | 6        | 138      | 85       |
| 87121 TUCUMAN AERO                     | 2612S    | 06506W    | 450       |           | 959.6        | 1010.1         | 22.3        |        | 20.1           |        | 5             | 39    |        |          | 215      |          |
| <b>87129 SANTIAGO DEL ESTERO AERO.</b> | 2746S    | 06418W    | 199       |           | 987.5        | 1010.3         | 24.2        | .8     | 17.2           | -4.0   | 2             | 12    | -71    | 0        | 206      | 113      |
| 87148 PRESIDENCIA ROQUE SAENZ PENA     | 2644S    | 06029W    | 93        |           | 997.5        | 1008.1         | 23.6        |        | 23.4           |        | 10            | 83    |        |          | 238      | 105      |
| 87155 RESISTENCIA AERO                 | 2727S    | 05903W    | 53        |           | 1004.5       | 1010.5         | 24.3        |        | 22.5           |        | 7             | 187   |        | 3        | 176      | 95       |
| 87162 FORMOSA AERO                     | 2612S    | 05814W    | 60        |           | 1003.3       | 1010.2         | 25.1        | -1     | 25.3           | 1.3    | 10            | 167   | 16     | 3        | 207      | 90       |
| 87178 POSADAS AERO.                    | 2722S    | 05558W    | 131       |           | 996.1        | 1010.5         | 25.0        | .5     | 22.9           | .0     | 8             | 241   | 99     | 5        | 176      | 102      |
| <b>87217 LA RIOJA AERO.</b>            | 2923S    | 06649W    | 438       |           | 960.0        | 1008.0         | 23.9        | .5     | 16.3           | -3.2   | 6             | 41    | -13    | 3        | 260      | 127      |
| 87222 CATAMARCA AERO.                  | 2836S    | 06546W    | 454       |           | 956.5        | 1007.2         | 24.8        |        | 15.5           |        | 1             | 6     |        | 0        | 233      | 120      |
| 87244 VILLA DE MARIA DEL RIO SECO      | 2954S    | 06341W    | 341       |           | 973.2        | 1012.3         | 21.2        | .0     | 17.4           | -2.6   | 3             | 12    | -125   | 0        |          |          |
| <b>87257 CERES AERO</b>                | 2953S    | 06157W    | 88        |           | 1000.0       | 1010.2         | 23.3        | .8     | 15.9           | -4.8   | 2             | 6     | -127   | 0        | 243      | 108      |
| 87270 RECONQUISTA AERO                 | 2911S    | 05942W    | 53        |           | 1005.3       | 1011.4         | 23.4        | .2     | 20.4           | -2.7   | 4             | 233   | 58     | 5        | 235      | 103      |
| 87289 PASO DE LOS LIBRES AERO          | 2941S    | 05709W    | 70        |           | 1003.5       | 1011.6         | 23.1        | -2     | 20.7           | -1     | 8             | 193   | 30     | 4        | 195      | 111      |
| <b>87305 JACHAL</b>                    | 3015S    | 06845W    | 1175      |           | 881.8        |                | 19.9        |        | 10.2           |        | 0             | 0     |        |          | 296      | 125      |
| 87311 SAN JUAN AERO                    | 3124S    | 06825W    | 598       |           | 942.9        | 1009.9         | 22.0        |        | 10.4           |        | 1             | 4     |        | 2        | 322      | 115      |
| 87320 CHAMICAL AERO                    | 3022S    | 06617W    | 467       |           | 957.7        | 1009.5         | 24.1        | 1.4    | 16.4           | -1.5   | 3             | 33    | -34    | 1        | 286      |          |
| 87328 VILLA DOLORES AERO               | 3157S    | 06508W    | 569       |           | 947.2        | 1010.7         | 21.8        | .5     | 13.4           | -3.5   | 5             | 47    | -28    | 1        | 312      | 134      |
| <b>87344 CORDOBA AERO</b>              | 3119S    | 06413W    | 484       |           | 955.6        | 1011.9         | 20.2        | -1     | 12.8           | -5.2   | 1             | 3     | -113   | 0        | 278      | 138      |
| 87349 PILAR OBSERVATORIO               | 3140S    | 06353W    | 338       |           | 971.5        | 1010.2         | 21.1        | 1.0    | 14.4           | -3.4   | 2             | 10    | -90    | 0        | 292      | 129      |
| <b>87374 PARANA AERO</b>               | 3147S    | 06029W    | 78        |           | 1003.6       | 1012.2         | 22.0        | .6     | 15.6           | -3.5   | 2             | 24    | -131   | 0        | 252      | 106      |
| 87393 MONTE CASEROS AERO               | 3016S    | 05739W    | 54        |           | 1003.6       | 1009.9         | 23.3        | .4     | 18.7           | -1.9   | 6             | 224   | 66     | 4        |          |          |
| 87395 CONCORDIA AERO                   | 3118S    | 05801W    | 38        |           | 1007.6       | 1012.0         | 22.5        | .1     | 17.4           | -2.1   | 5             | 93    | -61    | 2        | 242      |          |
| <b>87418 MENDOZA AERO</b>              | 3250S    | 06847W    | 705       |           | 931.3        | 1009.9         | 21.2        | .8     | 10.4           | -4.3   | 0             | 0     | -27    | 1        | 326      | 139      |
| 87436 SAN LUIS AERO                    | 3316S    | 06621W    | 713       |           | 930.8        | 1010.2         | 21.5        | 1.3    | 12.1           | -2.7   | 2             | 82    | -9     | 3        | 317      | 122      |
| 87448 VILLA REYNOLDS AERO              | 3344S    | 06523W    | 486       |           | 956.3        | 1011.9         | 19.1        | -2     | 11.5           | -4.5   | 0             | 0     | -96    | 0        | 296      | 131      |
| 87453 RIO CUARTO AERO                  | 3307S    | 06414W    | 421       |           | 963.3        | 1011.4         | 20.6        | 1.0    | 11.8           | -4.6   | 3             | 10    | -110   | 0        | 311      |          |
| 87467 MARCOS JUAREZ AERO               | 3242S    | 06209W    | 114       |           | 997.4        | 1010.7         | 19.7        | -9     | 14.9           | -3.8   | 3             | 32    | -88    | 1        | 276      | 130      |
| 87480 ROSARIO AERO                     | 3255S    | 06047W    | 25        |           | 1009.1       | 1012.1         | 21.5        | .7     | 15.5           | -3.5   | 2             | 28    | -136   | 1        | 275      | 119      |
| 87497 GUALEGUAYCHU AERO                | 3300S    | 05837W    | 23        |           | 1008.5       | 1011.1         | 21.7        | .4     | 16.3           | -2.1   | 5             | 36    | -96    | 1        | 197      | 99       |
| 87506 MALARGUE AERO                    | 3530S    | 06935W    | 1426      |           | 856.8        |                | 16.4        | 1.1    | 6.6            | -3.8   | 0             | 0     | -24    | 0        | 327      |          |
| 87509 SAN RAFAEL AERO                  | 3435S    | 06824W    | 748       |           | 927.3        | 1011.1         | 19.3        | .6     | 9.3            | -3.9   | 1             | 7     | -32    | 1        | 290      | 128      |



# SURFACE

# MARCH 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. |
| 87532 GENERAL PICO AERO              | 3542S    | 06345W    | 145       |           | 994.9        | 1011.8         | 19.7        | .0     | 12.0           | -4.1   | 2             | 21    | -98    | 1        | 232      |          |
| <b>87534 LABOULAYE AERO</b>          | 3408S    | 06322W    | 137       |           | 996.0        | 1012.0         | 19.5        | -.3    | 13.0           | -3.9   | 2             | 79    | -64    | 2        | 302      | 125      |
| 87544 PEHUAJO AERO                   | 3552S    | 06154W    | 87        |           | 1002.3       | 1012.5         | 19.4        | .4     | 13.8           | -2.9   | 6             | 68    | -69    | 2        | 302      |          |
| 87548 JUNIN AERO                     | 3433S    | 06055W    | 82        |           | 1002.6       | 1012.1         | 18.8        | -.5    | 13.9           | -3.1   | 6             | 64    | -97    | 2        | 285      | 124      |
| 87576 EZEIZA AERO                    | 3449S    | 05832W    | 20        |           | 1009.8       | 1012.1         | 21.0        | 1.1    | 15.4           | -1.9   | 4             | 86    | -24    | 3        | 192      |          |
| 87593 LA PLATA AERO                  | 3458S    | 05754W    | 21        |           | 1010.5       | 1013.2         | 19.9        | .2     | 16.4           | -1.8   | 5             | 97    | -20    | 3        | 265      | 126      |
| 87623 SANTA ROSA AERO                | 3634S    | 06416W    | 191       |           | 989.6        | 1011.8         | 20.1        | 1.0    | 11.9           | -3.5   | 4             | 22    | -69    | 1        | 269      | 119      |
| 87640 BOLIVAR AERO                   | 3612S    | 06104W    | 94        |           | 1000.0       | 1010.9         | 18.9        |        | 13.3           |        | 5             | 58    |        |          | 295      |          |
| 87641 AZUL AERO                      | 3650S    | 05953W    | 147       |           | 995.1        | 1012.4         | 18.3        |        | 12.1           |        | 5             | 62    |        |          | 286      | 130      |
| 87645 TANDIL AERO                    | 3714S    | 05915W    | 175       |           | 992.1        | 1012.6         | 17.0        |        | 12.7           |        | 4             | 25    |        | 0        | 260      | 115      |
| 87648 DOLORES AERO                   | 3621S    | 05744W    | 10        |           | 1010.0       | 1011.0         | 18.7        | .2     | 15.3           | -1.8   | 7             | 107   | 18     | 4        | 259      |          |
| 87688 TRES ARROYOS                   | 3820S    | 06015W    | 115       |           | 996.7        | 1010.3         | 18.3        |        | 13.0           |        | 6             | 48    |        |          |          |          |
| <b>87692 MAR DEL PLATA AERO</b>      | 3756S    | 05735W    | 21        |           | 1009.9       | 1012.4         | 17.7        | -.3    | 15.0           | -1.4   | 8             | 123   | 16     | 4        | 180      |          |
| <b>87715 NEUQUEN AERO</b>            | 3857S    | 06808W    | 271       |           | 980.3        | 1011.8         | 18.4        | .1     | 9.5            | -1.0   | 1             | 3     | -23    | 2        | 274      | 107      |
| <b>87750 BAHIA BLANCA AERO</b>       | 3844S    | 06210W    | 83        |           | 1002.1       | 1011.9         | 19.3        | .6     | 12.0           | -1.8   | 7             | 51    | -38    | 2        | 274      | 121      |
| 87765 BARILOCHE AERO                 | 4109S    | 07110W    | 845       |           | 917.6        |                | 11.1        | -.2    | 7.9            | -.8    | 10            | 65    | 36     | 5        |          |          |
| 87784 SAN ANTONIO OESTE AERO         | 4047S    | 06506W    | 20        |           | 1007.3       | 1009.6         | 18.8        | -.1    | 10.5           | -1.4   | 3             | 14    | -12    | 1        | 296      |          |
| 87791 VIEDMA AERO                    | 4051S    | 06301W    | 7         |           | 1009.4       | 1010.2         | 18.6        |        | 10.9           |        | 7             | 24    |        | 3        | 308      |          |
| <b>87803 ESQUEL AERO</b>             | 4256S    | 07109W    | 799       |           | 919.8        | 1011.2         | 11.4        | -.6    | 7.1            | -.5    | 4             | 11    | -9     | 2        | 245      |          |
| <b>87828 TRELEW AERO</b>             | 4312S    | 06516W    | 43        |           | 1004.4       | 1009.5         | 17.1        | -.1    | 8.5            | -.6    | 4             | 10    | -8     | 3        | 250      | 100      |
| 87852 PERITO MORENO AERO             | 4631S    | 07101W    | 429       |           | 955.3        | 1005.6         | 11.3        |        | 7.4            |        | 2             | 5     |        |          |          |          |
| <b>87860 COMODORO RIVADAVIA AERO</b> | 4547S    | 06730W    | 58        |           | 1000.5       | 1005.9         | 16.9        | .8     | 9.3            | 1.0    | 3             | 17    | -3     | 3        | 243      | 134      |
| 87896 PUERTO DESEADO AERO            | 4744S    | 06555W    | 81        |           | 994.2        | 1003.7         | 14.3        | 1.0    | 8.0            | -1.5   | 3             | 8     | -7     | 2        | 178      |          |
| 87904 EL CALAFATE AERO               | 5016S    | 07203W    | 204       |           | 976.6        | 1000.9         | 9.9         |        | 6.3            |        | 3             | 15    |        |          | 234      |          |
| 87909 SAN JULIAN AERO                | 4919S    | 06745W    | 62        |           | 994.8        | 1002.2         | 13.4        |        | 6.4            |        |               | 2     |        | 1        | 221      |          |
| <b>87925 RIO GALLEGOS AERO</b>       | 5137S    | 06917W    | 20        |           | 996.0        | 998.3          | 10.2        | -.5    | 6.5            | -1.3   | 3             | 21    | 3      | 4        | 201      |          |
| 87938 USHUAIA AERO                   | 5448S    | 06819W    | 57        |           | 985.8        | 992.6          | 8.1         | .4     | 7.3            | -1.0   | 6             | 30    | -22    | 1        | 164      |          |
| <b>ISLANDS</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 88889 MOUNT PLEASANT AIRPORT         | 5149S    | 05827W    | 73        |           | 990.9        | 999.2          | 10.1        |        | 8.9            |        |               |       |        |          |          |          |
| 88900 BIRD ISLAND, SOUTH GEORGIA     | 5400S    | 03803W    | 2         |           | 999.1        | 999.4          | 4.8         |        | 7.5            |        |               |       |        |          | 42       |          |
| 88903 GRYTVIKEN,                     | 5416S    | 03630W    | 3         |           | 997.5        |                | 6.2         |        | 6.6            |        |               |       |        |          |          |          |
| <b>ANTARCTICA</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>ARGENTINA (ANTARCTIC)</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>88963 BASE ESPERANZA</b>          | 6324S    | 05659W    | 24        |           | 980.8        | 983.8          | -2.6        | .5     | 4.4            |        | 15            | 67    | -8     | 1        | 62       |          |
| <b>88968 BASE ORCADAS</b>            | 6044S    | 04444W    | 8         |           | 989.5        | 991.0          | 1.1         | .9     | 5.8            |        | 15            | 69    | -4     | 4        | 38       | 135      |
| 89034 BASE BELGRANO II               | 7752S    | 03437W    | 256       |           | 955.0        | 986.9          | -7.8        |        | 3.1            |        | 5             | 66    |        |          | 108      |          |
| 89053 BASE JUBANY                    | 6214S    | 05838W    | 11        |           | 982.2        | 983.6          | 1.4         |        | 5.9            |        | 18            | 75    |        |          | 42       |          |
| 89055 BASE MARAMBIO (CENTRO MET. A)  | 6414S    | 05643W    | 208       |           | 958.7        | 983.3          | -7.0        |        | 3.5            |        |               |       |        |          | 13       |          |
| 89066 BASE SAN MARTIN                | 6807S    | 06708W    | 7         |           | 976.8        | 977.7          | -.8         |        | 4.2            |        | 8             | 18    |        |          | 72       |          |

# SURFACE

# MARCH 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. |
| <b>AUSTRALIA (ANTARCTIC)</b>      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89564 MAWSON                      | 6736S    | 06252E    | 16        |           | 991.2        | 993.3          | -11.4       |        | 1.3            |        |               |       |        |          | 266      | 165      |
| 89571 DAVIS                       | 6835S    | 07758E    | 23        |           | 986.9        | 989.8          | -8.6        |        | 1.9            |        | 2             | -7    | 0      |          | 115      | 115      |
| 89611 CASEY                       | 6617S    | 11030E    | 42        |           | 979.0        | 984.3          | -8.4        |        | 2.4            |        |               |       |        |          |          |          |
| 89809 CASEY SKIWAY SOUTH          | 6617S    | 11045E    | 399       |           | 938.1        | 986.9          | -11.8       |        | 2.0            |        |               |       |        |          |          |          |
| <b>CHILE (ANTARCTIC)</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89056 CENTRO MET. ANTARTICO PDTE. | 6211S    | 05859W    | 48        |           | 978.5        | 983.1          | .5          |        | 5.8            | .3     | 22            | 78    |        | 5        |          | 0        |
| 89057 BASE ARTURO PRAT            | 6230S    | 05941W    | 5         |           | 982.1        | 982.7          | .7          | .5     | 5.9            | .6     |               |       |        |          |          |          |
| 89059 BASE BERNARDO O'HIGGINS     | 6319S    | 05641W    | 10        |           | 981.4        | 982.9          | -.7         | .7     | 4.9            | .3     | 17            | 105   | 31     | 5        | 25       | 70       |
| <b>CHINA (ANTARCTIC)</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89058 GREAT WALL                  | 6213S    | 05858W    | 10        |           | 981.1        | 983.2          | 1.0         |        | 6.1            |        |               |       |        |          |          |          |
| 89573 ZHONGSHAN                   | 6922S    | 07622E    | 18        |           | 988.8        | 991.1          | -9.4        |        | 1.9            |        | 0             | T     |        | 5        | 105      |          |
| <b>FINLAND (ANTARTIC)</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89014 NORDENSKIOLD BASE           | 7303S    | 01323W    |           |           | 926.2        | 988.1          | -10.6       |        | 2.2            |        |               |       |        |          |          |          |
| <b>FRANCE (ANTARCTIC)</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89642 DUMONT D'URVILLE            | 6639S    | 14000E    | 43        |           | 981.5        | 987.0          | -10.0       |        | 2.0            |        |               |       |        |          | 207      |          |
| <b>GERMANY (ANTARCTIC)</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89002 NEUMAYER                    | 7040S    | 00815W    | 50        |           | 982.8        | 988.2          | -10.7       |        | 2.4            |        |               |       |        |          | 148      | 115      |
| <b>INDIA (ANTARCTIC)</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89514 MAITRI                      | 7046S    | 01145E    |           |           | 973.6        | 988.3          | -8.7        |        |                |        | 1             | 22    |        |          |          |          |
| <b>JAPAN (ANTARCTIC)</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89532 SYOWA                       | 6900S    | 03935E    | 21        |           | 985.8        | 988.5          | -5.9        | .4     | 2.9            | .1     |               |       |        |          | 120      |          |
| <b>NORWAY (ANTARCTIC)</b>         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89504 TROLL                       | 7201S    | 00223E    | 1284      |           | 841.9        | 992.6          | -12.6       |        | 1.1            |        | 0             | 0     |        |          |          |          |
| <b>UKRAINE (ANTARCTIC)</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89063 VERNADSKY                   | 6515S    | 06416W    | 11        |           | 978.5        | 979.6          | .6          |        | 5.3            |        | 15            | 105   |        |          | 42       |          |
| <b>UNITED KINGDOM (ANTARCTIC)</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 89013 BLADRICK AWS                | 8246S    | 01303W    | 1968      |           | 766.0        |                | -36.8       |        | .2             |        |               |       |        |          |          |          |

# SURFACE

# MARCH 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. |  |
| <b>89022 HALLEY</b>                | 7535S    | 02639W    | 35        |           | 983.2        |                | -12.5       |        |                |        |               |       |        |          |          |          |  |
| <b>89062 ROTHERA</b>               | 6734S    | 06808W    | 33        |           | 972.9        |                | -6          |        | 4.5            |        |               |       |        |          | 84       | 90       |  |
| 89065 FOSSIL BLUFF                 | 7120S    | 06817W    | 69        |           | 971.7        |                | -8.8        |        | 2.6            |        |               |       |        |          |          |          |  |
| <b>USA (ANTARCTIC)</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |
| 89009 AMUNDSEN-SCOTT               | 9000S    | 00000W    | 2835      |           | 685.8        |                | -51.4       | 2.0    |                |        |               |       |        |          | 82       | 40       |  |
| 89061 PALMER STATION               | 6446S    | 06405W    | 8         |           | 975.7        |                | 1.3         |        | 6.1            |        |               |       |        |          |          |          |  |
| 89257 UNI. WI ID 8925- LIMBERT AWS | 7525S    | 05957W    | 59        |           | 977.6        |                | -21.8       |        | 1.2            |        |               |       |        |          |          |          |  |
| 89262 UNI. WI ID 8926-LARSEN ICE S | 6657S    | 06055W    | 45        |           | 977.9        |                | -15.2       |        | 1.7            |        |               |       |        |          |          |          |  |
| 89266 UNI. WI ID 8902 - BUTLER IS. | 7212S    | 06009W    | 115       |           | 970.1        |                | -17.2       |        | 1.4            |        |               |       |        |          |          |          |  |
| 89272 UNI. WI ID 8917 - SKI-BLU    | 7447S    | 07029W    | 1589      |           | 797.6        |                | -20.0       |        | 1.0            |        |               |       |        |          |          |          |  |
| 89314 UNI. WI ID 21358 - THERESA   | 8436S    | 11540W    | 1463      |           | 817.5        |                | -20.8       |        | 1.1            |        |               |       |        |          |          |          |  |
| 89327 UNI. WI ID 8981- MOUNT SIPLE | 7312S    | 12700W    | 230       |           | 956.2        | 985.1          | -13.4       |        |                |        |               |       |        |          |          |          |  |
| 89332 UNI. WI ID 21361- ELIZABETH  | 8237S    | 13700W    | 549       |           | 918.0        | 983.3          | -23.5       |        | .8             |        |               |       |        |          |          |          |  |
| 89664 MCMURDO                      | 7751S    | 16640E    | 24        |           | 985.7        |                | -15.1       | 2.2    |                |        |               |       |        |          |          |          |  |
| 89667 UNI. WI ID 8927-PEGASUS NORT | 7757S    | 16630E    | 10        |           | 981.9        |                | -21.1       |        | 1.0            |        |               |       |        |          |          |          |  |
| 89734 UNI. WI ID 8982- DOME FUJI   | 7719S    | 03942E    | 3810      |           | 600.0        |                | -55.7       |        |                |        |               |       |        |          |          |          |  |
| 89832 UNI. WI ID 8914 - D-10       | 6643S    | 13950E    | 243       |           | 954.1        | 984.5          | -12.9       |        | 1.4            |        |               |       |        |          |          |          |  |
| 89834 UNI. WI ID 8916 - D-47       | 6724S    | 13840E    | 1560      |           | 807.5        |                | -24.5       |        | .7             |        |               |       |        |          |          |          |  |
| 89864 UNI. WI ID 8905 - MANUELA    | 7457S    | 16340E    | 80        |           | 978.7        | 988.8          | -17.0       |        | 1.1            |        |               |       |        |          |          |          |  |
| 89868 UNI. WI ID 8913-SCHWERDTFEGE | 7954S    | 16950E    | 60        |           | 982.1        |                | -23.9       |        | .8             |        |               |       |        |          |          |          |  |
| 89873 UNI. WI ID 8915 - ELAINE     | 8308S    | 17410E    | 60        |           | 981.9        |                | -21.1       |        | 1.0            |        |               |       |        |          |          |          |  |
| <b>SOUTH AFRICA (ANTARTIC)</b>     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |
| 89004 S.A.N.A.E. AWS               | 7142S    | 00248W    | 817       |           | 886.9        | 990.7          | -13.2       |        | 1.5            |        |               |       |        |          |          |          |  |
| <b>RUSSIAN FEDER. ANTARCTICA</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |
| <b>89050 BELLINGSHAUSEN AWS</b>    | 6212S    | 05856W    | 16        |           | 981.4        | 983.3          | 1.1         |        | 6.0            |        |               | 10    |        | 0        | 31       |          |  |
| <b>89512 NOVOLAZAREVSKAJA</b>      | 7046S    | 01150E    | 119       |           | 975.1        | 990.1          | -8.7        |        | 1.4            |        |               | 3     |        |          | 216      |          |  |
| 89574 PROGRESS                     | 6924S    | 07624E    | 15        |           | 988.7        | 990.6          | -8.9        |        | 2.0            |        |               | 21    |        |          | 115      |          |  |
| <b>89592 MIRNYJ</b>                | 6633S    | 09301E    | 40        |           | 982.8        | 988.6          | -12.0       |        | 1.9            |        |               | 53    |        |          | 169      |          |  |
| <b>89606 VOSTOK</b>                | 7827S    | 10650E    | 3488      |           | 626.1        | 998.8          | -56.3       |        | .0             |        |               | 0050  |        |          | 285      | 65       |  |
| <b>SW PACIFIC</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |
| <b>MALAYSIA (PENIN. MALAYSIA)</b>  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |  |
| 48601 PENANG/BAYAN LEPAS           | 0518N    | 10010E    | 4         |           | 1008.8       | 1009.2         | 29.3        | 1.7    |                |        |               | 7     | 117    | -29      | 2        |          |  |
| 48615 KOTA BHARU                   | 0610N    | 10210E    | 5         |           | 1009.7       | 1010.3         | 27.3        | .4     |                |        |               | 4     | 44     | -46      | 3        |          |  |
| <b>48620 SITIAWAN</b>              | 0413N    | 10040E    | 8         |           | 1008.7       | 1009.6         | 28.1        |        |                |        |               | 8     | 111    |          | 3        |          |  |
| 48647 KUALA LUMPUR/SUBANG          | 0307N    | 10130E    | 27        |           | 1009.7       | 1007.2         | 27.9        | 1.1    | 37.9           | 8.9    |               | 18    | 351    | 133      | 4        |          |  |
| 48650 SEPANG                       | 0306N    | 10130E    | 21        |           | 1009.2       | 1007.3         | 28.3        |        |                |        |               | 14    | 208    |          | 2        |          |  |
| <b>48657 KUANTAN</b>               | 0347N    | 10310E    | 16        |           | 1010.0       | 1008.2         | 27.3        | 1.4    | 29.9           | 1.4    |               | 6     | 32     | -146     | 1        |          |  |

# SURFACE

# MARCH 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. |
| 48665 MALACCA                       | 0216N    | 10210E    | 9         |           | 1009.9       | 1008.9         | 27.8        | .8     |                | -20.4  | 10            | 87    | -57    | 1        |          |          |
| <b>SINGAPORE</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 48698 SINGAPORE/CHANGI AIRPORT      | 0122N    | 10350E    | 16        |           | 1008.3       | 1010.1         | 27.9        | 1.1    | 29.6           | .4     | 6             | 0446  | 0275   | 1        | 199      | 104      |
| <b>USA (PACIFIC OCEAN NORTH)</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91165 LIHUE, KAUAI, HAWAII          | 2159N    | 15920W    | 32        |           | 1010.3       | 1015.6         | 22.6        | .0     | 22.5           |        | 13            | 230   | 125    | 5        |          |          |
| 91182 HONOLULU, OAHU, HAWAII        | 2121N    | 15750W    | 5         |           | 1014.4       | 1015.1         | 23.9        | .3     | 20.2           |        | 6             | 65    | 10     | 3        |          |          |
| 91190 KAHULUI AIRPORT, MAUI, HAWAII | 2054N    | 15620W    | 20        |           | 1013.0       | 1015.5         | 21.6        | -1.2   | 21.7           |        | 5             | 56    | -13    | 3        |          |          |
| 91212 NWSO AGANA, GUAM, MARIANA IS  | 1328N    | 14440E    | 75        |           | 1001.0       | 1009.5         | 28.0        | 1.0    | 28.1           |        | 6             | 36    | -39    | 2        |          |          |
| 91246 WAKE ISLAND WQ                | 1916N    | 16638E    | 5         |           |              |                | 25.2        |        |                |        |               |       |        |          |          |          |
| 91285 HILO/GEN. LYMAN, HAWAII, HAW  | 1943N    | 15500W    | 11        |           | 1014.1       | 1015.6         | 23.3        | 1.1    | 21.8           |        | 20            | 278   | -75    | 3        |          |          |
| 91334 CHUUK, ECI                    | 0727N    | 15150E    | 4         |           |              |                | 28.6        | 1.0    |                |        |               | 276   | 47     | 4        |          |          |
| 91348 POHNPEI, CAROLINE IS.         | 0658N    | 15810E    | 38        |           |              |                | 27.0        | -4     |                |        |               | 0475  | 0132   | 6        |          |          |
| 91366 KWAJALEIN/BUCHOLZ AAF, MARSH  | 0844N    | 16740E    | 8         |           |              |                | 27.5        | -4     |                |        |               | 395   | 291    | 5        |          |          |
| 91376 MAJUORO/MARSHALL IS. INTNL.   | 0705N    | 17120E    | 3         |           |              |                | 27.5        | .2     |                |        |               | 573   | 363    | 6        |          |          |
| 91408 KOROR, PALAU WCI.             | 0720N    | 13420E    | 30        |           |              |                | 28.7        | 1.2    |                |        |               | 70    | -138   | 1        |          |          |
| 91413 YAP, CAROLINE IS.             | 0929N    | 13800E    | 16        |           |              |                | 28.2        | 1.0    |                |        |               | 312   | 161    | 5        |          |          |
| <b>NEW CALEDONIA</b>                |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91577 KOUMAC (NLLE-CALEDONIE)       | 2034S    | 16417E    | 24        |           | 1006.1       | 1008.3         | 26.4        | .7     | 27.7           |        | 13            | 107   | -19    |          |          |          |
| 91592 NOUMEA (NLLE-CALEDONIE)       | 2217S    | 16627E    | 72        |           | 1001.7       | 1009.7         | 25.9        | .6     | 25.6           |        | 12            | 381   | 247    |          | 158      | 79       |
| <b>FIJI</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91650 ROTUMA                        | 1230S    | 17700E    | 26        |           |              |                | 1007.7      | 28.0   |                | 30.1   | 21            | 270   |        | 3        | 145      | 85       |
| 91652 UDU POINT AWS                 | 1608S    | 17950W    | 63        |           |              |                | 1009.7      | 26.9   |                | 31.4   | 21            | 304   |        | 3        |          |          |
| 91680 NADI AIRPORT                  | 1745S    | 17720E    | 18        |           |              |                | 1009.0      | 26.5   | -4             | 29.1   | 25            | 413   | 89     | 4        | 175      | 92       |
| 91683 NAUSORI                       | 1803S    | 17830E    | 7         |           |              |                | 1011.7      | 26.7   |                | 30.8   | 18            | 370   |        | 3        |          |          |
| <b>DETACHED ISLANDS</b>             |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91753 HIHIFO (ILE WALLIS)           | 1314S    | 17611W    | 27        |           | 1005.6       | 1008.8         | 27.5        |        | 30.2           |        | 16            | 260   |        |          | 185      |          |
| <b>SAMOA AND AMERICAN SAMOA</b>     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91765 PAGO PAGO/INT.AIRP.           | 1420S    | 17040W    | 6         |           |              |                | 28.3        |        |                |        |               | 162   |        | 2        |          |          |
| <b>FRENCH POLY. (MARQUESAS IS)</b>  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91925 ATUONA                        | 0949S    | 13902W    | 53        |           | 1004.1       | 1010.1         | 26.9        |        | 27.3           |        | 16            | 126   | -21    |          | 194      | 86       |
| <b>FRENCH POLY. (SOCIETY IS)</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 91929 BORA-BORA                     | 1627S    | 15145W    | 3         |           | 1011.4       | 1011.7         | 27.9        |        | 28.6           |        | 14            | 98    |        |          |          |          |

# SURFACE

# MARCH 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. |
| <b>91938 TAHITI-FAAA</b>                  | 1733S    | 14937W    | 2         |           | 1011.8       | 1012.0         | 27.5        |        | 26.6           |        | 7             | 71    | -124   |          | 242      | 107      |
| <b>FRENCH POLY. (TUAMOTU IS)</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>91943 TAKAROA</b>                      | 1429S    | 14502W    | 3         |           | 1011.0       | 1011.3         | 28.3        |        | 28.7           |        | 12            | 95    | -44    |          | 105      |          |
| <b>91948 RIKITEA</b>                      | 2308S    | 13458W    | 91        |           | 1006.5       | 1016.7         | 25.9        |        | 26.1           |        | 17            | 164   | -17    |          | 239      | 118      |
| <b>FRENCH POLY. (AUSTRAL IS)</b>          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>91954 TUBUAI</b>                       | 2321S    | 14929W    | 3         |           | 1014.0       | 1014.7         | 25.9        |        | 26.7           |        | 11            | 194   | 18     |          | 240      | 112      |
| <b>91958 RAPA</b>                         | 2737S    | 14420W    | 2         |           | 1016.1       | 1016.3         | 25.3        |        | 26.8           |        | 14            | 131   |        |          | 196      |          |
| <b>NEW ZEALAND</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>93012 KAITIATA</b>                     | 3506S    | 17310E    | 54        |           |              |                | 20.0        |        | 18.1           |        |               |       |        |          |          |          |
| 93110 AUCKLAND AERO AWS                   | 3700S    | 17440E    | 7         |           |              | 1017.4         | 19.9        |        | 17.9           |        | 9             | 56    |        | 3        |          |          |
| <b>93292 GISBORNE AERODROME AWS</b>       | 3839S    | 17750E    | 5         |           |              | 1018.6         | 18.6        | 1.2    | 17.0           |        | 11            | 85    | -8     | 3        | 186      |          |
| <b>93309 NEW PLYMOUTH AWS</b>             | 3901S    | 17410E    | 32        |           |              | 1018.0         | 17.9        |        | 16.4           |        | 10            | 139   |        | 5        | 227      |          |
| 93420 PARAPARAUMU AERO AWS                | 4054S    | 17450E    | 7         |           |              | 1018.1         | 17.3        |        | 16.2           |        |               |       |        |          | 198      |          |
| 93439 WELLINGTON AERO AWS                 | 4120S    | 17440E    | 13        |           |              | 1018.0         | 17.8        |        | 15.4           |        | 7             | 74    |        | 3        |          |          |
| <b>93615 HOKITIKA AERODROME AWS</b>       | 4243S    | 17050E    | 45        |           |              | 1017.4         | 16.2        |        | 15.1           |        | 19            | 219   |        | 4        | 170      |          |
| 93678 KAIKOURA                            | 4225S    | 17340E    | 105       |           |              | 1016.2         | 16.5        |        | 12.8           |        | 7             | 43    |        | 3        |          |          |
| <b>93747 TARA HILLS AWS</b>               | 4431S    | 16950E    | 488       |           |              | 1016.4         | 14.1        |        | 11.1           |        | 8             | 49    |        | 5        |          |          |
| 93781 CHRISTCHURCH AERO AWS               | 4329S    | 17230E    | 37        |           |              | 1015.8         | 15.8        |        | 13.8           |        | 6             | 31    |        | 2        |          |          |
| <b>93845 INVERCARGILL AERO AWS</b>        | 4625S    | 16820E    | 2         |           |              | 1014.6         | 14.1        |        | 12.5           |        | 16            | 100   |        | 3        |          |          |
| <b>93947 CAMPBELL ISLAND AWS</b>          | 5233S    | 16900E    | 19        |           |              | 1006.9         |             |        | 10.3           |        | 21            | 134   |        | 4        |          |          |
| <b>93994 RAOUL ISLAND, KERMADEC IS. A</b> | 2915S    | 17750W    | 49        |           |              | 1014.3         | 23.7        |        | 23.4           |        |               |       |        |          |          |          |
| <b>AUSTRALIA</b>                          |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 94100 KALUMBURU                           | 1418S    | 12630E    | 29        |           | 1003.9       | 1006.6         | 29.6        |        | 27.8           |        | 14            | 280   |        |          |          |          |
| <b>94120 DARWIN AIRPORT</b>               | 1225S    | 13050E    | 35        |           | 1002.4       | 1006.3         | 29.0        |        | 29.9           |        | 14            | 285   | -56    | 3        | 233      | 114      |
| 94131 TINDAL RAAF                         | 1431S    | 13220E    | 135       |           | 991.3        | 1006.4         | 29.3        |        | 25.1           |        | 4             | 32    |        |          |          |          |
| <b>94150 GOVE AIRPORT</b>                 | 1217S    | 13640E    | 54        |           | 1000.3       | 1006.3         | 28.1        |        | 30.3           |        | 21            | 444   |        |          |          |          |
| <b>94170 WEIPA AERO</b>                   | 1241S    | 14150E    | 19        |           | 1004.3       | 1006.4         | 27.6        |        | 29.1           |        |               |       |        |          |          |          |
| <b>94203 BROOME AIRPORT</b>               | 1757S    | 12210E    | 17        |           | 1006.1       | 1007.1         | 30.3        |        | 30.0           |        |               |       |        |          |          |          |
| <b>94212 HALLS CREEK AIRPORT</b>          | 1814S    | 12740E    | 424       |           | 961.4        | 1006.6         | 28.9        |        | 17.3           |        |               |       |        |          |          |          |
| <b>94238 TENNANT CREEK MET OFFICE</b>     | 1938S    | 13410E    | 377       |           | 965.6        | 1007.2         | 29.7        |        | 16.7           |        | 5             | 75    | 10     | 1        |          |          |
| 94260 BURKETOWN AIRPORT                   | 1745S    | 13930E    | 6         |           | 1005.8       | 1006.5         | 28.5        |        | 28.7           |        | 14            | 225   |        |          |          |          |
| 94274 GEORGETOWN AIRPORT                  | 1818S    | 14330E    | 303       |           | 973.6        | 1007.3         | 26.4        |        | 24.0           |        |               |       |        |          |          |          |
| <b>94287 CAIRNS AERO</b>                  | 1653S    | 14540E    | 8         |           | 1007.4       | 1008.3         | 26.9        |        | 28.0           |        | 22            | 880   | 432    | 5        |          |          |
| 94294 TOWNSVILLE AERO                     | 1915S    | 14640E    | 9         |           | 1008.3       | 1009.3         | 27.2        |        | 26.9           |        | 13            | 329   | 153    | 5        |          |          |
| <b>94299 WILLIS ISLAND</b>                | 1618S    | 14950E    | 9         |           | 1006.4       | 1007.5         | 28.3        |        | 30.0           |        | 13            | 176   | -3     | 3        |          |          |
| <b>94300 CARNARVON AIRPORT</b>            | 2453S    | 11340E    | 8         |           | 1009.9       | 1010.4         | 29.0        |        | 24.0           |        |               |       |        |          |          |          |
| <b>94302 LEARMONTH AIRPORT</b>            | 2214S    | 11400E    | 6         |           | 1008.3       | 1008.9         | 31.6        |        | 21.6           |        | 1             | 6     | -26    | 2        |          |          |
| <b>94312 PORT HEDLAND AIRPORT</b>         | 2022S    | 11830E    | 10        |           | 1006.9       | 1007.8         | 32.5        |        | 26.1           |        | 2             | 10    | -37    | 2        |          |          |
| 94313 WITTENOOM                           | 2215S    | 11820E    | 464       |           |              |                | 31.6        |        |                |        | 2             | 44    |        | 3        |          |          |

# SURFACE

# MARCH 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. |
| 94317 NEWMAN AERO                  | 2325S    | 11940E    | 526       |           | 951.4        | 1008.9         | 30.6        |        | 12.1           |        | 4             | 11    |        |          |          |          |
| 94326 ALICE SPRINGS AIRPORT        | 2348S    | 13350E    | 547       |           | 950.5        | 1011.2         | 25.2        |        | 11.6           |        | 3             | 39    | -12    | 4        |          |          |
| 94332 MOUNT ISA AERO               | 2041S    | 13920E    | 342       |           | 969.7        | 1007.6         | 27.5        |        | 21.5           |        |               |       |        |          |          |          |
| 94340 RICHMOND POST OFFICE         | 2044S    | 14300E    | 214       |           |              |                | 27.4        |        |                |        | 8             | 199   |        | 5        |          |          |
| 94346 LONGREACH AERO               | 2326S    | 14410E    | 192       |           | 988.5        | 1010.1         | 27.9        |        | 19.0           |        |               |       |        |          |          |          |
| 94367 MACKAY MO                    | 2107S    | 14910E    | 33        |           | 1006.3       | 1010.4         | 26.3        |        | 27.3           |        |               |       |        |          |          |          |
| 94374 ROCKHAMPTON AERO             | 2323S    | 15020E    | 14        |           | 1010.0       | 1011.7         | 26.9        |        | 23.2           |        | 3             | 17    | -92    | 1        |          |          |
| 94380 GLADSTONE RADAR              | 2351S    | 15110E    | 75        |           | 1003.4       | 1012.0         | 26.6        |        | 24.3           |        | 4             | 12    |        | 1        |          |          |
| 94403 GERALDTON AIRPORT            | 2848S    | 11440E    | 37        |           | 1009.3       | 1012.8         | 26.5        |        | 18.7           |        | 0             | 0     | -18    | 1        |          |          |
| 94430 MEEKATHARRA AIRPORT          | 2637S    | 11830E    | 522       |           | 953.7        | 1010.8         | 30.0        |        | 12.4           |        | 2             | 8     | -14    | 3        |          |          |
| 94461 GILES METEOROLOGICAL OFFICE  | 2502S    | 12810E    | 599       |           | 944.9        | 1010.8         | 28.4        |        | 8.9            |        | 01            | 1     | -39    | 1        | 302      | 103      |
| 94476 OODNADATTA AIRPORT           | 2733S    | 13520E    | 118       |           | 1000.0       | 1013.3         | 27.2        |        | 10.3           |        |               |       |        |          |          |          |
| 94510 CHARLEVILLE AERO             | 2625S    | 14610E    | 306       |           | 977.9        | 1012.1         | 26.8        |        | 15.5           |        | 4             | 79    | 21     | 4        |          |          |
| 94517 ST GEORGE AIRPORT            | 2803S    | 14830E    | 200       |           | 990.8        | 1013.4         | 26.2        |        | 15.5           |        |               |       |        |          |          |          |
| 94568 AMBERLEY AMO                 | 2738S    | 15240E    | 31        |           | 1011.8       | 1014.7         | 23.9        |        | 21.8           |        |               |       |        |          |          |          |
| 94570 TEWANTIN RSL PARK            | 2623S    | 15300E    | 7         |           | 1013.1       | 1014.0         | 24.8        |        | 24.9           |        |               |       |        |          |          |          |
| 94578 BRISBANE AERO                | 2723S    | 15300E    | 10        |           | 1013.7       | 1014.8         | 24.1        |        | 23.3           |        | 16            | 177   | 38     | 1        | 204      | 80       |
| 94589 YAMBA PILOT STATION          | 2926S    | 15320E    | 30        |           | 1012.7       | 1015.9         | 24.0        |        | 24.7           |        | 14            | 116   |        | 2        |          |          |
| 94601 CAPE LEEUWIN                 | 3422S    | 11500E    | 14        |           | 1016.1       | 1017.8         | 20.1        |        | 16.3           |        | 4             | 15    |        | 2        |          |          |
| 94602 ROTTNEST ISLAND              | 3201S    | 11530E    | 43        |           | 1010.2       | 1015.2         | 22.6        |        | 17.5           |        |               |       |        |          |          |          |
| 94610 PERTH AIRPORT                | 3156S    | 11550E    | 20        |           | 1013.0       | 1015.4         | 23.8        |        | 14.6           |        | 01            | 1     | -14    | 1        | 280      |          |
| 94637 KALGOORLIE-BOULDER AIRPORT   | 3047S    | 12120E    | 370       |           | 974.0        | 1015.7         | 23.6        |        | 12.9           |        | 2             | 7     | -13    | 3        |          |          |
| 94638 ESPERANCE                    | 3350S    | 12150E    | 27        |           | 1015.2       | 1018.4         | 20.7        |        | 15.1           |        |               |       |        |          |          |          |
| 94647 EUCLA                        | 3141S    | 12850E    | 102       |           | 1007.1       | 1018.0         | 21.3        |        | 15.8           |        | 0             | T     |        | 1        |          |          |
| 94653 CEDUNA AMO                   | 3208S    | 13340E    | 24        |           | 1015.5       | 1017.3         | 20.1        |        | 14.8           |        |               |       |        |          |          |          |
| 94655 TARCOOLA AERO                | 3043S    | 13430E    | 125       |           | 1002.0       | 1016.3         | 24.5        |        | 10.3           |        | 0             | T     |        |          |          |          |
| 94659 WOOMERA AERODROME            | 3109S    | 13640E    | 168       |           | 996.2        | 1015.6         | 24.6        |        | 10.7           |        | 0             | 0     | -14    | 1        |          |          |
| 94672 ADELAIDE AIRPORT             | 3457S    | 13830E    | 8         |           | 1016.4       | 1017.4         | 21.1        |        | 12.7           |        | 3             | 6     | -15    | 2        | 268      | 100      |
| 94681 NURIOOTPA VITICULTURAL       | 3429S    | 13900E    | 276       |           | 985.2        | 1017.3         | 19.2        |        | 11.1           |        | 3             | 8     | -16    | 1        | 279      | 109      |
| 94693 MILDURA AIRPORT              | 3414S    | 14200E    | 53        |           | 1010.5       | 1016.5         | 22.1        |        | 10.0           |        | 2             | 2     | -18    | 1        |          |          |
| 94707 CONDOBLIN AG RESEARCH STN    | 3304S    | 14710E    | 195       |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 94711 COBAR MO                     | 3129S    | 14550E    | 264       |           | 985.3        | 1015.4         | 26.1        |        | 8.9            |        | 0             | T     | -42    | 1        |          |          |
| 94730 BATHURST AGRICULTURAL STATIO | 3326S    | 14930E    | 713       |           |              |                | 19.6        |        |                |        | 3             | 33    |        | 3        |          |          |
| 94740 GUNNEDAH SCS                 | 3102S    | 15010E    | 307       |           |              |                | 25.4        |        |                |        | 3             | 33    |        | 2        |          |          |
| 94750 NOWRA RAN AIR STATION AWS    | 3457S    | 15030E    | 122       |           | 1005.3       | 1017.6         | 20.7        |        | 16.8           |        | 7             | 52    | -93    | 1        |          |          |
| 94767 SYDNEY AIRPORT AMO           | 3356S    | 15110E    | 6         |           | 1016.9       | 1017.5         | 23.3        |        | 18.8           |        | 9             | 108   | -39    | 3        | 227      | 107      |
| 94776 WILLIAMTOWN RAAF             | 3248S    | 15150E    | 10        |           | 1015.9       | 1016.8         | 23.1        |        | 20.0           |        | 7             | 169   | 40     | 4        |          |          |
| 94786 PORT MACQUARIE AIRPORT AWS   | 3126S    | 15250E    | 5         |           | 1016.1       | 1016.7         | 22.6        |        | 21.6           |        | 8             | 329   |        |          |          |          |
| 94802 ALBANY AIRPORT               | 3456S    | 11740E    | 71        |           | 1010.0       | 1018.3         | 19.2        |        | 15.3           |        |               |       |        |          |          |          |
| 94812 ROBE                         | 3710S    | 13940E    | 4         |           |              |                | 18.2        |        |                |        | 7             | 17    |        | 3        |          |          |
| 94814 STRATHALBYN RACECOURSE       | 3517S    | 13850E    | 58        |           | 1010.7       | 1017.6         | 19.9        |        | 12.2           |        | 2             | 5     |        |          |          |          |
| 94821 MOUNT GAMBIER AERO           | 3744S    | 14040E    | 69        |           | 1009.5       | 1017.7         | 18.1        |        | 12.7           |        | 6             | 30    | -6     | 3        |          |          |
| 94826 CAPE NELSON LIGHTHOUSE       | 3826S    | 14130E    | 47        |           | 1011.9       | 1017.4         | 17.7        |        | 14.1           |        | 4             | 26    |        |          |          |          |
| 94827 NHILL AERODROME              | 3619S    | 14130E    | 140       |           | 1000.7       | 1017.0         | 19.1        |        | 10.6           |        | 2             | 5     |        |          |          |          |
| 94842 CAPE OTWAY LIGHTHOUSE        | 3851S    | 14330E    | 83        |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 94865 LAVERTON RAAF                | 3752S    | 14440E    | 20        |           | 1014.9       | 1017.3         | 19.2        |        | 12.9           |        | 2             | 18    | -17    | 1        |          |          |

# SURFACE

# MARCH 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. |
| 94866 MELBOURNE AIRPORT                 | 3740S    | 14450E    | 132       |           | 1003.3       | 1017.3         | 19.3        |        | 11.6           |        | 2             | 31    | -5     | 3        | 254      | 105      |
| 94893 WILSONS PROMONTORY LIGHTHOUS      | 3907S    | 14620E    | 97        |           | 1005.1       | 1016.5         | 18.0        |        | 14.1           |        |               |       |        |          |          |          |
| <b>94907 EAST SALE AIRPORT</b>          | 3806S    | 14700E    | 8         |           |              |                | 18.1        |        | 13.6           |        | 4             | 18    | -39    | 1        |          |          |
| <b>94910 WAGGA WAGGA AMO</b>            | 3510S    | 14720E    | 221       |           | 991.3        | 1016.0         | 21.7        |        | 10.9           |        |               |       |        |          |          |          |
| 94926 CANBERRA AIRPORT                  | 3518S    | 14910E    | 580       |           | 951.4        | 1017.4         | 18.4        |        | 12.1           |        |               |       |        |          |          |          |
| <b>94937 MORUYA HEADS PILOT STATION</b> | 3555S    | 15000E    | 17        |           |              |                | 19.8        |        |                |        | 7             | 41    |        | 1        |          |          |
| 94954 CAPE GRIM BAPS                    | 4040S    | 14440E    | 94        |           | 1005.7       | 1016.7         | 16.2        |        | 13.3           |        | 8             | 58    |        |          |          |          |
| <b>94967 CAPE BRUNY LIGHTHOUSE</b>      | 4330S    | 14700E    | 55        |           |              |                | 15.2        |        |                |        | 17            | 68    |        | 3        |          |          |
| 94975 HOBART AIRPORT                    | 4250S    | 14730E    | 27        |           | 1011.9       | 1015.2         | 16.5        |        | 11.4           |        | 8             | 55    | 15     | 4        | 225      | 112      |
| 94983 EDDYSTONE POINT                   | 4100S    | 14820E    | 21        |           | 1013.7       | 1016.2         | 17.4        |        | 13.9           |        |               |       |        |          |          |          |
| 95322 RABBIT FLAT                       | 2011S    | 13000E    | 340       |           | 969.7        | 1007.2         | 30.1        |        | 13.9           |        |               |       |        |          |          |          |
| 95482 BIRDSVILLE AIRPORT                | 2554S    | 13920E    | 47        |           | 1005.6       | 1010.9         | 29.9        |        | 13.9           |        | 3             | 19    |        |          |          |          |
| 95492 THARGOMINDAH AIRPORT              | 2759S    | 14340E    | 132       |           | 997.3        | 1012.2         | 29.5        |        | 11.9           |        | 1             | 24    |        |          |          |          |
| 95527 MOREE AERO                        | 2929S    | 14950E    | 218       |           | 989.3        | 1014.2         | 25.6        |        | 16.1           |        | 4             | 54    |        |          |          |          |
| 95529 MILES CONSTANCE STREET            | 2639S    | 15010E    | 305       |           | 979.3        | 1013.9         | 24.5        |        | 18.8           |        | 3             | 16    |        |          |          |          |
| 95541 INVERELL (RAGLAN ST)              | 2947S    | 15100E    | 636       |           |              |                | 21.6        |        |                |        |               |       |        |          |          |          |
| 95625 CUNDERDIN AIRFIELD                | 3137S    | 11710E    | 217       |           | 990.5        | 1015.4         | 24.5        |        | 12.9           |        |               |       |        |          |          |          |
| 95640 WANDERING                         | 3240S    | 11640E    | 275       |           |              |                | 21.3        |        | 13.6           |        | 2             | 7     |        |          |          |          |
| <b>95646 FORREST</b>                    | 3050S    | 12800E    | 160       |           | 998.7        | 1017.3         | 21.7        |        | 15.1           |        | 1             | 3     |        |          |          |          |
| 95670 RAYVILLE PARK                     | 3347S    | 13810E    | 109       |           | 1004.3       | 1017.0         | 20.4        |        | 11.3           |        | 3             | 8     |        |          |          |          |
| 95719 DUBBO AIRPORT AWS                 | 3213S    | 14830E    | 285       |           | 982.7        | 1015.3         | 24.4        |        | 12.5           |        | 1             | 4     |        |          |          |          |
| <b>95753 RICHMOND RAAF</b>              | 3336S    | 15040E    | 21        |           | 1015.1       | 1017.4         | 22.7        |        | 18.6           |        |               |       |        |          |          |          |
| 95784 TAREE AIRPORT AWS                 | 3153S    | 15230E    | 12        |           | 1015.6       | 1016.6         | 22.4        |        | 20.5           |        | 10            | 331   |        |          |          |          |
| 95805 CAPE BORDA AWS                    | 3545S    | 13630E    | 158       |           | 999.3        | 1017.9         | 18.5        |        | 13.1           |        |               |       |        |          |          |          |
| 95869 DENILQUIN AIRPORT AWS             | 3534S    | 14450E    | 96        |           | 1005.1       | 1016.2         | 21.2        |        | 9.8            |        | 2             | 3     |        |          |          |          |
| 95908 THREDBO VILLAGE                   | 3630S    | 14810E    | 1380      |           |              |                | 12.0        |        |                |        |               |       |        |          |          |          |
| 95916 CABRAMURRA SMHEA                  | 3556S    | 14820E    | 1483      |           |              |                | 13.7        |        | 9.0            |        | 3             | 25    |        |          |          |          |
| 95940 PT PERPENDICULAR AWS              | 3505S    | 15040E    | 85        |           | 1007.9       | 1017.7         | 21.3        |        | 17.7           |        | 5             | 36    |        |          |          |          |
| 95964 LOW HEAD                          | 4103S    | 14640E    | 4         |           | 1015.7       | 1016.1         | 17.0        |        | 14.7           |        | 7             | 68    |        |          |          |          |
| <b>AUSTRALIA (ADDITIONAL IS.)</b>       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>94995 LORD HOWE ISLAND AERO</b>      | 3132S    | 15900E    | 7         |           | 1016.4       | 1017.2         | 23.1        |        | 20.3           |        | 9             | 75    | -41    | 1        |          |          |
| <b>94996 NORFOLK ISLAND AERO</b>        | 2902S    | 16750E    | 117       |           | 1000.8       | 1014.3         | 23.0        |        | 22.1           |        | 7             | 46    | -60    | 2        |          |          |
| <b>94998 MACQUARIE ISLAND</b>           | 5430S    | 15850E    | 8         |           | 1000.3       | 1001.3         | 6.8         |        | 8.5            |        | 24            | 131   | 40     | 5        | 109      | 136      |
| <b>INDONESIA</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 96001 SABANG/CUT BAU                    | 0552N    | 09519E    | 126       |           | 996.1        | 1010.6         | 26.7        |        | 31.1           |        | 10            | 788   |        |          | 201      |          |
| <b>96073 SIBOLGA/PINANGSORI</b>         | 0133N    | 09853E    | 3         |           | 1008.8       | 1009.5         | 26.3        |        |                |        | 20            | 590   |        | 3        | 152      |          |
| 96091 TANJUNG PINANG/KIJANG             | 0055N    | 10430E    | 18        |           | 1008.3       | 1010.6         | 27.3        |        | 29.7           |        | 11            | 197   |        |          | 154      | 110      |
| 96109 PEKAN BARU/SIMPANGTIGA            | 0028N    | 10120E    | 31        |           | 1004.9       | 1008.6         | 27.2        |        | 29.1           |        | 2             | 308   |        | 4        | 124      | 35       |
| <b>96145 TAREMPA</b>                    | 0312N    | 10610E    | 3         |           | 1009.4       | 1009.8         | 27.5        |        | 30.3           |        | 7             | 37    |        |          | 154      | 110      |
| <b>96163 PADANG/TABING</b>              | 0053S    | 10020E    | 3         |           | 1009.2       | 1009.9         | 26.3        |        | 30.9           |        |               | 0365  |        | 2        | 133      | 110      |
| 96171 RENGAT/JAPURA                     | 0020S    | 10210E    | 46        |           | 1007.5       | 1009.9         | 26.7        |        | 29.8           |        | 18            | 185   |        | 2        | 125      | 165      |
| 96195 JAMBI/SULTAN TAHA                 | 0138S    | 10330E    | 25        |           | 1006.7       | 1009.6         | 26.7        |        |                |        |               | 293   |        |          | 134      | 135      |
| 96237 PANGKAL PINANG                    | 0210S    | 10600E    | 33        |           | 1005.3       | 1009.5         | 26.1        |        | 27.9           |        | 20            | 298   |        |          | 113      | 100      |

# SURFACE

# MARCH 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. |
| 96249 TANJUNG PANDAN/BULUH TUMBANG     | 0245S    | 10740E    | 44        |           | 1004.2       | 1010.0         | 26.3        |        |                |        | 13            | 0325  |        | 4        | 123      | 85       |
| 96253 BENGKULU/PADANG KEMILING         | 0353S    | 10220E    | 16        |           | 1006.5       | 1008.6         | 27.0        |        | 29.6           |        | 16            | 231   |        |          | 169      | 80       |
| 96509 TARAKAN/JUWATA                   | 0320N    | 11730E    | 6         |           | 1008.7       |                | 27.7        |        | 30.4           |        | 21            | 351   |        |          | 127      |          |
| 96581 PONTIANAK/SUPADIO                | 0009S    | 10920E    | 3         |           | 1009.1       | 1009.8         | 26.9        |        | 29.4           |        | 18            | 227   | 3      |          | 177      | 105      |
| 96633 BALIKPAPAN/SEPINGGAN             | 0116S    | 11650E    | 3         |           | 1008.5       | 1008.9         | 27.1        |        | 32.0           |        | 22            | 449   | 5      |          | 110      | 120      |
| 96685 BANJARMASIN/SYAMSUDIN NOOR       | 0326S    | 11440E    | 20        |           | 1007.0       | 1009.2         | 27.1        |        | 30.4           |        | 18            | 706   | 6      |          | 234      |          |
| 96739 CURUG/BUDIARTO                   | 0614S    | 10630E    | 46        |           | 1005.1       | 1010.0         |             |        | 29.6           |        | 13            | 256   | 4      |          | 128      | 95       |
| <b>96745 JAKARTA/OBSERVATORY</b>       | 0611S    | 10650E    | 8         |           | 1008.9       | 1009.4         | 28.6        |        | 29.3           |        | 16            | 187   | 3      |          | 156      | 120      |
| 96749 JAKARTA/SOEKARNO-HATTA           | 0607S    | 10630E    | 8         |           | 1008.0       | 1009.4         | 27.5        |        | 29.2           |        | 8             | 77    |        |          | 172      |          |
| 96791 CIREBON/JATIWANGI                | 0645S    | 10810E    | 50        |           | 1004.2       | 1009.3         | 26.8        |        | 29.9           |        | 24            | 674   | 2      |          | 122      | 80       |
| 96797 TEGAL                            | 0651S    | 10900E    | 10        |           | 1009.0       | 1009.3         | 27.8        |        | 29.6           |        | 3             | 255   | 1      |          | 187      | 90       |
| <b>96805 CILACAP</b>                   | 0744S    | 10900E    | 6         |           | 1009.0       | 1009.7         | 27.7        |        | 30.0           |        | 15            | 200   |        |          | 196      | 100      |
| 96837 SEMARANG                         | 0658S    | 11020E    | 3         |           | 1008.9       | 1009.0         | 28.1        |        | 29.9           |        | 16            | 205   |        |          | 171      | 160      |
| 96839 SEMARANG/AHMAD YANI              | 0659S    | 11020E    | 3         |           | 1008.7       | 1009.1         | 27.7        |        | 29.6           |        | 10            | 206   |        |          | 176      | 100      |
| 96933 SURABAYA/PERAK I                 | 0713S    | 11240E    | 3         |           | 1008.5       | 1008.9         | 28.5        |        | 30.8           |        | 18            | 206   |        |          | 153      | 145      |
| 96935 SURABAYA/JUANDA                  | 0722S    | 11240E    | 3         |           | 1008.5       | 1008.8         | 27.7        |        | 30.3           |        | 15            | 356   |        |          | 127      | 85       |
| <b>97014 MENADO/ SAM RATULANGI</b>     | 0132N    | 12450E    | 80        |           | 1000.0       | 1009.3         | 26.4        |        | 28.9           |        | 21            | 349   | 3      |          | 148      | 105      |
| 97072 PALU/MUTIARA                     | 0041S    | 11940E    | 6         |           |              | 1010.8         | 27.4        |        | 28.1           |        | 6             | 300   |        |          | 159      | 145      |
| 97086 LUWUK/BUBUNG                     | 0054S    | 12240E    | 2         |           |              | 1008.6         | 28.5        |        | 29.7           |        |               |       |        |          |          |          |
| 97120 MAJENE                           | 0230S    | 11900E    |           |           | 1006.2       | 1009.5         | 27.6        |        | 28.0           |        |               | 152   |        |          | 184      | 90       |
| <b>97146 KENDARI/WOLTER MONGINSIDI</b> | 0406S    | 12220E    | 50        |           | 1004.0       | 1010.0         | 28.2        |        |                |        | 14            | 159   |        |          |          |          |
| 97180 UJUNG PANDANG/HASANUDDIN         | 0504S    | 11930E    | 14        |           | 1007.9       | 1009.6         | 26.7        |        | 29.8           |        | 22            | 594   | 5      |          | 169      | 100      |
| 97192 BAU-BAU/BETO AMBARI              | 0528S    | 12230E    | 2         |           | 1004.4       | 1010.9         | 27.7        |        | 31.2           |        | 13            | 232   |        |          | 181      |          |
| 97230 DENPASAR/NGURAH RAI              | 0845S    | 11510E    | 1         |           | 1008.1       | 1008.6         | 28.2        |        | 30.1           |        | 10            | 95    | 1      |          | 258      | 115      |
| 97260 SUMBAWA BESAR/BRANGBIJI          | 0826S    | 11720E    | 3         |           | 1007.7       | 1008.2         | 26.8        |        | 29.9           |        | 8             | 169   | 2      |          | 237      | 120      |
| <b>97340 WAINGAPU/MAU HAU</b>          | 0940S    | 12020E    | 12        |           | 1007.6       | 1008.8         | 27.4        |        | 30.1           |        | 15            | 174   | 3      |          | 188      | 110      |
| <b>97372 KUPANG/ELTARI</b>             | 1010S    | 12340E    | 108       |           | 1005.9       |                | 27.0        |        | 29.9           |        | 02            | 0081  | 3      |          |          |          |
| 97430 TERNATE/BABULLAH                 | 0046N    | 12720E    | 23        |           | 1005.7       | 1009.6         | 27.8        |        | 24.3           |        | 18            | 239   | 5      |          | 239      | 105      |
| <b>97502 SORONG/JEFMAN</b>             | 0056S    | 13100E    | 3         |           | 1007.8       | 1007.8         | 27.5        |        | 31.1           |        | 15            | 114   |        |          | 182      | 115      |
| 97530 MANOKWARI/RENDANI                | 0053S    | 13400E    | 3         |           | 1006.8       | 1007.2         | 27.4        |        |                |        |               | 405   | 0      |          | 139      | 110      |
| <b>97560 BIAK/FRANS KAISIEPO</b>       | 0111S    | 13600E    | 11        |           | 1006.5       | 1007.0         | 27.1        |        | 30.7           |        |               |       |        |          | 118      | 90       |
| <b>97724 AMBON/PATTIMURA</b>           | 0342S    | 12800E    | 12        |           | 1006.1       | 1008.0         | 27.8        |        | 29.9           |        | 14            | 203   |        |          | 176      | 115      |
| 97796 TIMIKA                           | 0500S    | 13720E    | 3         |           | 1003.9       | 1008.7         | 27.1        |        | 29.5           |        | 12            | 146   |        |          | 139      |          |
| <b>97980 MERAUKE/MOPAH</b>             | 0828S    | 14020E    | 3         |           | 1006.4       | 1006.8         | 27.3        |        | 30.3           |        | 20            | 384   |        |          | 161      | 130      |
| <b>MALAYSIA (SABAH AND SARAWAK)</b>    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>96413 KUCHING</b>                   | 0129N    | 11020E    | 27        |           | 1007.3       | 1010.0         | 26.7        |        |                |        | 19            | 370   |        | 3        |          |          |
| 96421 SIBU                             | 0220N    | 11150E    | 31        |           | 1006.2       | 1009.8         | 26.5        |        |                |        | 16            | 251   |        | 2        |          |          |
| <b>96441 BINTULU</b>                   | 0312N    | 11300E    | 5         |           | 1006.9       | 1009.6         | 26.8        | .2     |                |        | 13            | 345   | 77     | 4        |          |          |
| 96449 MIRI                             | 0420N    | 11350E    | 18        |           | 1009.6       | 1007.7         | 26.9        | .4     |                |        | 12            | 209   | 67     | 4        |          |          |
| <b>96465 LABUAN</b>                    | 0518N    | 11510E    | 30        |           | 1006.1       | 1009.4         | 27.2        |        | 14.0           | -9.5   | 17            | 148   |        | 4        |          |          |
| 96471 KOTA KINABALU                    | 0556N    | 11600E    | 3         |           | 1008.8       | 1009.1         | 27.3        |        |                |        | 7             | 131   |        | 4        |          |          |
| 96481 TAWAU                            | 0416N    | 11750E    | 20        |           | 1007.9       | 1009.8         | 27.2        |        |                |        | 13            | 221   | 121    | 5        |          |          |
| <b>96491 SANDAKAN</b>                  | 0554N    | 11800E    | 13        |           | 1009.5       | 1008.3         | 27.5        | .5     |                |        | 13            | 262   |        | 4        |          |          |
| <b>ISLANDS</b>                         |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |



# SURFACE

# MARCH 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. |
| <b>96995 CHRISTMAS ISLAND AERO</b> | 1027S    | 10540E    | 279       |           | 980.5        | 1009.8         | 26.1        |        | 27.0           |        | 16            | 317   |        | 4        |          |          |
| <b>96996 COCOS ISLAND AERO</b>     | 1211S    | 09650E    | 4         |           | 1009.0       | 1009.4         | 27.6        |        | 29.9           |        | 19            | 317   | 69     | 4        |          |          |
| <b>PHILIPPINES</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 98223 LAOAG                        | 1811N    | 12030E    | 5         |           | 1010.9       | 1011.5         | 26.4        |        | 23.4           |        | 0             | 0     |        |          | 314      |          |
| <b>98232 APARRI</b>                | 1822N    | 12130E    | 3         |           | 1013.4       | 1013.7         | 25.5        | -2     | 24.9           | -2.2   | 3             | 68    | 32     |          | 211      |          |
| 98233 TUGUEGARAO                   | 1737N    | 12140E    | 62        |           | 1006.6       | 1013.7         | 26.5        |        | 23.4           |        | 01            | 1     |        |          | 184      |          |
| 98325 DAGUPAN                      | 1603N    | 12020E    | 2         |           | 1011.1       | 1011.3         | 28.3        | .3     | 28.1           | 2.0    | 0             | 0     | -14    |          | 292      |          |
| 98328 BAGUIO                       | 1625N    | 12030E    | 1501      |           | 851.5        | 1009.1         | 19.1        |        | 18.2           |        | 2             | 6     |        |          |          |          |
| 98330 CABANATUAN                   | 1529N    | 12050E    | 32        |           | 1008.4       | 1011.6         | 28.2        |        | 26.4           |        | 2             | 14    |        |          |          |          |
| 98430 SCIENCE GARDEN               | 1438N    | 12100E    | 46        |           | 1006.1       | 1011.0         | 27.5        |        | 24.9           |        | 4             | 20    |        |          | 206      |          |
| <b>98444 LEGASPI</b>               | 1308N    | 12340E    | 17        |           | 1009.4       | 1011.2         | 27.7        | 1.2    | 29.8           | 1.8    | 16            | 93    | -64    | 2        | 219      |          |
| 98550 TACLOBAN                     | 1115N    | 12500E    | 3         |           | 1009.2       | 1009.5         | 27.5        | 1.0    | 22.3           | -5.6   | 17            | 201   | 62     |          |          |          |
| 98644 TAGBILARAN                   | 0936N    | 12350E    | 8         |           | 1007.2       | 1010.1         | 26.4        |        | 29.8           |        | 8             | 91    |        |          |          |          |
| 98646 MACTAN                       | 1018N    | 12350E    | 24        |           | 1007.3       | 1010.1         | 28.2        | .4     | 28.1           | -6     | 9             | 69    | 28     |          | 219      |          |
| <b>98653 SURIGAO</b>               | 0948N    | 12530E    | 55        |           | 1005.7       | 1010.2         | 27.3        | .9     | 31.7           | 2.4    | 28            | 335   | 52     |          |          |          |
| 98755 HINATUAN                     | 0822N    | 12620E    | 3         |           | 1009.4       | 1009.8         | 26.8        |        | 28.0           |        | 20            | 319   |        |          |          |          |
| <b>98836 ZAMBOANGA</b>             | 0654N    | 12200E    | 6         |           | 1008.6       | 1009.4         | 28.7        | 1.0    | 28.1           | -4     | 7             | 22    | -15    |          |          |          |
| <b>98851 GENERAL SANTOS</b>        | 0601N    | 12500E    | 133       |           | 1009.0       | 1010.0         | 20.1        |        | 26.4           |        | 2             | 0004  |        |          |          |          |
| <b>98851 GENERAL SANTOS</b>        | 0601N    | 12500E    | 133       |           | 1009.0       | 1010.0         | 20.1        |        | 26.4           |        | 2             | 0004  |        |          |          |          |

# 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. |
| APRIL 2014                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>AFRICA</b>                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>CONGO</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64402 MOUYONDZI                 | 0400S    | 01357E    | 512       |           | 952.1        | 1009.0         | 25.6        |        | 26.0           |        | 4             | 176   |        | 2        | 65       |          |
| 64405 SIBITI                    | 0341S    | 01321E    | 530       |           | 949.4        |                | 27.0        |        | 26.0           |        | 10            | 218   |        | 3        |          |          |
| 64460 SOUANKE                   | 0204N    | 01402E    | 550       |           |              |                | 23.8        |        |                |        | 5             | 49    |        |          |          |          |
| <b>GABON</b>                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64510 BITAM                     | 0205N    | 01129E    | 600       |           |              |                |             |        |                |        | 16            | 221   | 102    |          |          |          |
| 64551 LAMBARENE                 | 0043S    | 01014E    | 27        |           |              |                |             |        |                |        | 6             | 102   | -110   |          |          |          |
| 64560 LASTOURSVILLE             | 0050S    | 01243E    | 485       |           |              |                |             |        |                |        | 9             | 128   | -4     |          |          |          |
| <b>CENTRAL AFRICAN REPUBLIC</b> |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64600 BERBERATI                 | 0415N    | 01548E    | 583       |           | 944.1        | 1007.7         | 25.2        |        | 23.5           |        | 8             | 117   |        |          | 191      |          |
| 64601 BOUAR                     | 0558N    | 01538E    | 1020      |           | 898.8        | 1504 Y         | 24.2        |        | 20.1           |        | 5             | 21    |        |          |          |          |
| <b>CHAD</b>                     |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64750 SARH                      | 0909N    | 01823E    | 365       |           | 966.3        | 1006.1         | 32.4        |        | 17.3           | -4.4   | 0             | 0     | -37    | 6        | 239      | 101      |
| <b>EQUATORIAL GUINEA</b>        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64810 MALABO                    | 0345N    | 00846E    | 56        |           | 1007.3       | 1010.3         | 27.2        |        | 30.7           |        | 10            | 139   |        |          |          |          |
| <b>CAMEROON</b>                 |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64860 GAROUA                    | 0920N    | 01323E    | 244       |           | 980.2        | 1005.9         | 33.7        | .7     | 12.7           | -7.4   | 0             | 0     | -44    | 5        | 255      | 104      |
| SEPTEMBER 2017                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| OCTOBER 2017                    |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| NOVEMBER 2017                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| DECEMBER 2017                   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |

# 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. |
| FEBRUARY 2018                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>ASIA</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>IRAN, ISLAMIC REPUBLIC OF</b>   |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 40706 TABRIZ                       | 3805N    | 04617E    | 1367      |           | 864.5        | 1019.2         | 4.1         | 4.9    | 5.8            | 1.7    | 10            | 86    | 61     |          | 130      | 95       |
| 40712 ORUMIEH                      | 3732N    | 04505E    | 1316      |           | 867.1        | 1018.5         | 3.6         | 5.1    | 5.7            | 1.6    | 7             | 63    | 32     |          | 136      | 103      |
| 40718 ANZALI                       | 3728N    | 04928E    | -26       |           | 1023.1       | 1020.1         | 8.1         | 1.5    | 9.8            | 1.3    | 10            | 66    | -61    |          | 40       | 45       |
| 40745 MASHHAD                      | 3616N    | 05938E    | 999       |           | 903.9        | 1019.3         | 7.0         | 4.7    | 5.9            | .6     | 6             | 37    | 1      |          | 156      | 107      |
| 40754 TEHRAN-MEHRABAD              | 3541N    | 05119E    | 1204      |           | 881.9        | 1016.7         | 8.4         | 3.5    | 6.0            | 1.2    | 7             | 28    | -6     |          | 159      | 89       |
| 40766 KERMANSHAH                   | 3416N    | 04707E    | 1322      |           | 869.1        | 1017.4         | 7.5         | 5.0    | 5.8            | .7     | 9             | 118   | 56     |          | 121      | 81       |
| 40800 ESFAHAN                      | 3228N    | 05140E    | 1550      |           | 844.9        | 1015.0         | 9.5         | 4.0    | 5.4            | 1.1    | 4             | 21    | 7      |          | 193      | 91       |
| 40831 ABADAN                       | 3022N    | 04815E    | 6         |           | 1014.9       | 1015.7         | 17.8        | 3.1    | 10.8           | 1.0    | 5             | 41    | 18     |          | 182      | 93       |
| 40841 KERMAN                       | 3015N    | 05658E    | 1754      |           | 825.1        | 1015.9         | 9.3         | 2.2    | 3.7            | -.7    | 3             | 10    | -16    |          | 186      | 97       |
| 40848 SHIRAZ                       | 2932N    | 05232E    | 1481      |           | 853.0        | 1015.3         | 11.4        | 3.7    | 5.6            | -.2    | 5             | 37    | -12    |          | 202      | 93       |
| 40856 ZAHEDAN                      | 2928N    | 06053E    | 1370      |           | 864.5        | 1015.4         | 12.4        | 3.2    | 5.2            | -.3    | 1             | 8     | -13    |          | 200      | 101      |
| <b>AFRICA</b>                      |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| <b>NIGER</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 61085 DIFFA                        | 1325N    | 01247E    | 305       |           |              |                | 26.8        |        | 16.3           |        | 0             | 0     |        | 5        |          |          |
| <b>SEYCHELLES</b>                  |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 63980 SEYCHELLES INTERNATIONAL AIR | 0440S    | 05531E    | 3         |           | 1010.5       | 1010.9         | 27.6        | .3     |                |        |               | 257   | -5     | 1        |          |          |
| <b>GABON</b>                       |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64500 LIBREVILLE                   | 0027N    | 00925E    | 15        |           | 1009.2       | 1010.5         | 27.4        | .4     | 32.1           |        | 13            | 494   | 251    |          | 178      | 101      |
| 64501 PORT-GENTIL                  | 0042S    | 00845E    | 4         |           | 1009.8       | 1010.7         | 28.1        | .8     | 31.6           |        | 17            | 255   | 78     |          | 172      | 108      |
| 64510 BITAM                        | 0205N    | 01129E    | 600       |           |              |                |             |        |                |        | 16            | 221   | 149    |          |          |          |
| 64551 LAMBARENE                    | 0043S    | 01014E    | 27        |           |              |                |             |        |                |        | 6             | 102   | -43    |          |          |          |
| 64560 LASTOURSVILLE                | 0050S    | 01243E    | 485       |           |              |                |             |        |                |        | 9             | 128   | -10    |          |          |          |
| <b>CHAD</b>                        |          |           |           |           |              |                |             |        |                |        |               |       |        |          |          |          |
| 64750 SARH                         | 0909N    | 01823E    | 365       |           | 966.3        | 1006.1         | 32.4        |        | 17.3           | 6.7    | 0             | 0     | -1     | 6        | 239      | 98       |

# 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. |
| <b>EQUATORIAL GUINEA</b><br>64810 MALABO                                      | 0345N    | 00846E    | 56        |           | 1007.3       | 1010.3         | 27.2        |        | 30.7           |        | 10            | 139   |        |          |          |          |
| <b>CAMEROON</b><br>64860 GAROUA<br><b>N AMERICA</b>                           | 0920N    | 01323E    | 244       |           | 980.2        | 1005.9         | 33.7        | 4.8    | 12.7           | 3.9    | 0             | 0     | 0      | 5        | 255      | 101      |
| <b>CURACAO AND BONAIRE</b><br>78988 HATO AIRPORT, CURACAO<br><b>S AMERICA</b> | 1212N    | 06858W    | 9         |           | 1014.5       | 1015.4         | 26.2        | -1     | 24.9           | -9     | 15            | 97    | 69     | 5        | 253      | 104      |
| <b>BRAZIL</b><br>82024 BOA VISTA<br><b>ANTARCTICA</b>                         | 0249N    | 06039W    | 90        |           |              |                | 29.5        |        | 25.1           |        | 0             | 0     |        | 0        | 536      | 35       |
| <b>AUSTRALIA (ANTARCTIC)</b><br>89577 DOME A                                  | 8022S    | 07722E    | 4084      |           | 576.9        |                |             |        |                |        |               |       |        |          |          |          |

# UPPER AIR

# MARCH 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   |    |
| <b>EUROPE - CYPRUS</b><br><b>ATHALASSA</b><br>17607 MAR 2018 3509N 03324E OB 2         |        |              |       |                      |              |            |           |       | <b>EUROPE - JORDAN</b><br><b>MAFRAQ</b><br>40265 MAR 2018 3222N 03615E OB 3       |        |              |             |                      |              |            |             |       | <b>ASIA - SAUDI ARABIA</b><br><b>AL-QAISUMAH</b><br>40373 MAR 2018 2819N 04608E OB |             |              |      |                      |              |            |           |       |    |
| 030  | 23646  | 3            | -59.2 | 30.5                 | 9            | 38         | 275       | 3     | 030   | 26344  | 0            | -67.1       |                      |              | 0          | 95          | 265   | 30   | 030         | 23668        | 3    | -58.5                | 30.4         | 3          | 71        | 264   | 6  |
| 050  | 20474  | 0            | -62.4 | 29.7                 | 9            | 82         | 281       | 8     | 050   | 23864  | 0            | -59.4       |                      |              | 1          | 96          | 274   | 42   | 050         | 20505        | 3    | -66.1                | 25.3         | 3          | 76        | 272   | 6  |
| 100  | 16249  | 0            | -64.4 | 28.7                 | 8            | 94         | 271       | 27    | 100   | 12045  | 0            | -56.6       |                      |              | 0          | 92          | 271   | 42   | 100         | 16407        | 3    | -71.1                | 19.0         | 3          | 96        | 274   | 27 |
| 150  | 13737  | 0            | -58.3 | 30.2                 | 9            | 94         | 271       | 38    | 150   | 19415  | 0            | -42.7       |                      |              | 0          | 89          | 270   | 30   | 150         | 13955        | 3    | -61.2                | 23.8         | 3          | 95        | 277   | 39 |
| 200  | 11924  | 0            | -57.9 | 19.4                 | 8            | 93         | 269       | 41    | 200   | 17408  | 0            | -26.8       | 15.1                 |              | 0          | 89          | 265   | 24   | 200         | 12134        | 3    | -53.4                | 22.7         | 3          | 94        | 277   | 40 |
| 300  | 9313   | 0            | -44.4 | 11.8                 | 6            | 89         | 265       | 32    | 300   | 5759   | 0            | -14.7       | 18.3                 |              | 0          | 88          | 262   | 19   | 300         | 9468         | 3    | -41.4                | 15.4         | 3          | 88        | 279   | 23 |
| 500  | 5686   | 0            | -16.7 | 19.7                 | 3            | 86         | 260       | 18    | 500   | 4352   | 0            | -4.4        | 21.7                 |              | 0          | 88          | 259   | 14   | 500         | 5796         | 3    | -13.2                | 21.5         | 3          | 88        | 276   | 12 |
| 700  | 3068   | 0            | 1.3   | 23.4                 | 2            | 84         | 257       | 10    | 700   | 3139   | 0            | 3.5         | 23.3                 |              | 0          | 86          | 254   | 13   | 700         | 3146         | 3    | 5.0                  | 17.1         | 3          | 86        | 275   | 9  |
| 850  | 1482   | 0            | 9.8   | 15.0                 | 0            | 69         | 244       | 5     | 850   | 1514   | 0            | 13.1        | 17.7                 |              | 0          | 57          | 241   | 8  | 850         | 1526         | 3    | 17.4                 | 21.0         | 3          | 50        | 262   | 3  |
| 995  | * 162  |              | 18.0  | 9.8                  |              |            |           |       | 938   | * 683  |              | 13.0        | 8.8                  |              |            |             |       |  | 973         | * 358        |      | 24.9                 | 17.5         |            |           |       |    |
| <b>ASIA - INDIA</b><br><b>NEW DELHI/SAFDARJUNG</b><br>42182 MAR 2018 2835N 07712E OB 3 |        |              |       |                      |              |            |           |       | <b>ASIA - INDIA</b><br><b>LUCKNOW/AMAUSI</b><br>42369 MAR 2018 2645N 08053E OB 3  |        |              |             |                      |              |            |             |       | <b>ASIA - INDIA</b><br><b>GUWAHATI</b><br>42410 MAR 2018 2606N 09135E OB 3         |             |              |      |                      |              |            |           |       |    |
| 030  |        |              |       |                      |              |            |           |       | 030   |        |              |             |                      |              |            |             |       |  | 030         |              |      |                      |              |            |           |       |    |
| 050  | 20505  |              | -63.8 | 15.1                 |              | 73         | 274       | 5     | 050   | 20501  | 2            | -65.1       | 23.8                 |              | 2          | 74          | 283   | 5  | 050         | 20736        | 9    | -65.1                | 12.3         | 9          | 91        | 93    | 6  |
| 100  | 16386  |              | -70.5 | 14.1                 |              | 96         | 272       | 27    | 100   | 16420  | 1            | -72.3       | 21.5                 |              | 1          | 89          | 267   | 24   | 100         | 16687        | 9    | -78.6                | 7.6          | 9          | 62        | 249   | 5  |
| 150  | 13928  |              | -60.9 | 15.7                 |              | 96         | 267       | 40    | 150   | 13982  | 1            | -62.1       | 22.3                 |              | 1          | 78          | 266   | 33   | 150         | 14307        | 9    | -64.7                | 8.8          | 9          | 93        | 269   | 8  |
| 200  | 12110  |              | -53.5 | 15.7                 |              | 95         | 270       | 46    | 200   | 12166  | 1            | -53.3       | 20.5                 |              | 1          | 91          | 268   | 46   | 200         | 12492        | 9    | -50.2                | 11.2         | 9          | 92        | 262   | 8  |
| 300  | 9434   |              | -40.8 | 14.9                 |              | 93         | 274       | 30    | 300   | 9454   | 1            | -38.6       | 18.9                 |              | 1          | 91          | 273   | 33   | 300         | 9714         | 9    | -27.9                | 14.6         | 9          | 88        | 269   | 8  |
| 500  | 5762   |              | -13.5 | 23.4                 |              | 87         | 281       | 14    | 500   | 5770   | 1            | -12.8       | 20.9                 |              | 1          | 84          | 279   | 13   | 500         | 5854         | 9    | -3.7                 | 12.3         | 9          | 51        | 237   | 3  |
| 700  | 3111   |              | 5.3   | 18.5                 |              | 83         | 289       | 8     | 700   | 3114   | 1            | 5.3         | 16.8                 |              | 1          | 85          | 290   | 11   | 700         | 3124         | 9    | 10.6                 | 7.1          | 9          | 68        | 201   | 3  |
| 850  | 1489   |              | 18.2  | 17.4                 |              | 92         | 303       | 7     | 850   | 1493   | 1            | 17.6        | 16.0                 |              | 1          | 86          | 295   | 9  | 850         | 1477         | 9    | 19.2                 | 2.9          | 9          | 22        | 201   | 1  |
| 978  | * 216  |              | 25.5  | 13.7                 |              |            |           |       | 995   | * 128  |              | 24.8        | 13.1                 |              |            |             |       |  | 1001        | * 54         |      | 26.5                 | 1.4          |            |           |       |    |
| <b>ASIA - INDIA</b><br><b>CALCUTTA/DUM DUM</b><br>42809 MAR 2018 2239N 08827E OB 3     |        |              |       |                      |              |            |           |       | <b>ASIA - INDIA</b><br><b>NAGPUR SONEGAON</b><br>42867 MAR 2018 2106N 07903E OB 3 |        |              |             |                      |              |            |             |       | <b>ASIA - INDIA</b><br><b>BHUBANESHWAR</b><br>42971 MAR 2018 2015N 08550E OB 3     |             |              |      |                      |              |            |           |       |    |
| 030  |        |              |       |                      |              |            |           |       | 030   |        |              |             |                      |              |            |             |       |  | 030         |              |      |                      |              |            |           |       |    |
| 050  | 20534  |              | -65.3 | 12.7                 |              | 57         | 285       | 3     | 050   | 20531  |              | -66.3       |                      |              |            | 44          | 311   | 2  | 050         |              |      |                      |              |            |           |       |    |
| 100  | 16509  |              | -76.4 | 10.5                 |              | 96         | 269       | 22    | 100   | 16527  |              | -77.4       |                      |              |            | 94          | 267   | 18   | 100         |              |      |                      |              |            |           |       |    |
| 150  | 14114  |              | -65.1 | 12.7                 |              | 97         | 265       | 35    | 150   | 14139  |              | -65.8       |                      |              |            | 96          | 261   | 29   | 150         | 14189        |      | -65.7                | 26.7         | 1          | 95        | 261   | 27 |
| 200  | 12311  |              | -52.8 | 14.9                 |              | 97         | 267       | 41    | 200   | 12341  |              | -53.5       | 12.6                 |              |            | 97          | 263   | 34   | 200         | 12391        |      | -50.1                | 30.8         | 1          | 94        | 265   | 30 |
| 300  | 9579   |              | -33.5 | 19.0                 |              | 97         | 274       | 35    | 300   | 9615   |              | -33.4       | 16.8                 |              |            | 96          | 269   | 28   | 300         | 9650         |      | -31.8                | 27.0         |            | 95        | 271   | 28 |
| 500  | 5813   |              | -8.9  | 27.8                 |              | 97         | 283       | 17    | 500   | 5841   |              | -8.4        | 24.1                 |              |            | 93          | 277   | 13   | 500         | 5700         |      | -6.5                 | 30.7         |            | 96        | 283   | 14 |
| 700  | 3131   |              | 7.0   | 16.5                 |              | 95         | 293       | 11    | 700   | 3156   |              | 8.0         | 10.9                 |              |            | 84          | 269   | 5  | 700         | 3152         |      | 8.2                  | 10.3         |            | 89        | 307   | 7  |
| 850  | 1499   |              | 19.4  | 14.4                 |              | 79         | 279       | 4     | 850   | 1512   |              | 22.6        | 11.9                 |              |            | 40          | 283   | 1  | 850         | 1508         |      | 22.3                 | 13.7         |            | 74        | 305   | 3  |
| 1008   | * 6    |              | 28.5  | 9.9                  |              |            |           |       | 974   | * 310  |              | 28.3        | 14.4                 |              |            |             |       |  | 1003        | * 46         |      | 28.6                 | 8.0          |            |           |       |    |

# UPPER AIR

# MARCH 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   |    |
| <b>ASIA - INDIA</b><br><b>BOMBAY / SANTACRUZ</b><br>43003 MAR 2018 1907N 07251E OB 3 |        |              |       |                      |              |            |           |       | <b>ASIA - INDIA</b><br><b>CHENNAI/MINAMBAKKAM</b><br>43279 MAR 2018 1300N 08011E OB 3 |             |              |       |                      |              |            |           |       | <b>ASIA - HONG KONG, CHINA</b><br><b>KOWLOON</b><br>45004 MAR 2018 2219N 11410E OB 1 |        |              |             |                      |              |            |           |       |    |
| 030  |        |              |       |                      |              |            |           |       | 030   |             |              |       |                      |              |            |           |       |  | 030    | 23687        | 0           | -58.1                | 28.8         | 0          | 70        | 76    | 6  |
| 050  | 20524  |              | -67.5 | 11.6                 |              | 93         | 275       | 2     | 050   | 20513       | 1            | -69.2 | 7.8                  |              | 9          | 60        | 63    | 3  | 050    | 20529        | 0           | -66.8                | 23.4         | 0          | 40        | 352   | 2  |
| 100  | 16535  |              | -78.4 | 9.4                  |              | 94         | 264       | 15    | 100   | 16554       | 1            | -80.5 | 6.2                  |              | 1          | 52        | 271   | 3  | 100    | 16518        | 0           | -78.4                | 10.5         | 0          | 96        | 259   | 22 |
| 150  | 14189  |              | -66.1 | 11.3                 |              | 94         | 257       | 23    | 150   | 14213       |              | -67.6 | 8.2                  |              | 1          | 66        | 220   | 7  | 150    | 14141        | 0           | -65.4                | 14.9         | 0          | 98        | 255   | 37 |
| 200  | 12369  |              | -53.7 | 13.5                 |              | 95         | 255       | 20    | 200   | 12425       |              | -53.4 | 10.6                 |              | 1          | 71        | 232   | 7  | 200    | 12335        | 0           | -51.9                | 19.9         | 0          | 98        | 258   | 40 |
| 300  | 9636   |              | -32.8 | 17.3                 |              | 93         | 263       | 24    | 300   | 9686        |              | -31.1 | 17.7                 |              | 1          | 70        | 245   | 5  | 300    | 9583         | 0           | -31.3                | 28.3         | 0          | 97        | 266   | 39 |
| 500  | 5846   |              | -7.4  | 28.4                 |              | 91         | 262       | 10    | 500   | 5867        |              | -5.3  | 20.2                 |              | 1          | 19        | 255   | 1  | 500    | 5807         | 0           | -10.0                | 18.3         | 0          | 93        | 268   | 16 |
| 700  | 3150   |              | 8.8   | 16.8                 |              | 77         | 194       | 5     | 700   | 3150        |              | 9.9   | 16.5                 |              | 1          | 77        | 50    | 5  | 700    | 3136         | 0           | 5.1                  | 9.1          | 0          | 89        | 267   | 9  |
| 850  | 1505   |              | 22.2  | 21.2                 |              | 35         | 359       | 1     | 850   | 1504        |              | 21.1  | 19.1                 |              | 1          | 80        | 99    | 5  | 850    | 1525         | 0           | 12.9                 | 11.4         | 0          | 33        | 175   | 2  |
| 1007   | * 14   |              | 29.7  | 10.7                 |              |            |           |       | 1007  | * 16        |              | 28.3  | 5.8                  |              |            |           |       |  | 1009   | * 66         |             | 18.4                 | 3.5          |            |           |       |    |
|  |        |              |       |                      |              |            |           |       |   |             |              |       |                      |              |            |           |       |  |        |              |             |                      |              |            |           |       |    |
|  |        |              |       |                      |              |            |           |       |   |             |              |       |                      |              |            |           |       |  |        |              |             |                      |              |            |           |       |    |

# UPPER AIR

# MARCH 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   |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> </div> |        |              |      |                      |              |            |           |       | <div style="display: flex; justify-content: space-between;"> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> </div> |             |              |      |                      |              |            |           |       | <div style="display: flex; justify-content: space-between;"> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> <div style="width: 100%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> </div> |        |              |             |                      |              |            |           |       |



# STATION LIST RECENT DATA

|       |    |                              |                     |       |   |                       |                    |
|-------|----|------------------------------|---------------------|-------|---|-----------------------|--------------------|
| 10505 | C  | AACHEN-ORSBACH               | GERMANY             | 42071 | C | AMRITSAR              | INDIA              |
| 06030 | C  | AALBORG                      | DENMARK AND FAROE I | 89009 | C | AMUNDSEN-SCOTT        | USA                |
| 04220 | C  | AASIAAT (EGEDESMINDE)        | GREENLAND           | 25563 | C | ANADYR'               | RUSSIAN FEDERATION |
| 40831 | C  | ABADAN                       | IRAN, ISLAMIC REP   | 70273 | C | ANCHORAGE/INT., AK    | USA                |
| 07005 | C  | ABBEVILLE                    | FRANCE              | 10520 | C | ANDERNACH             | GERMANY            |
| 03502 | C  | ABERPORTH                    | U KINGDOM           | 10291 | C | ANGERMUENDE           | GERMANY            |
| 41112 | C  | ABHA                         | SAUDI ARABIA        | 17130 | C | ANKARA/CENTRAL        | TURKEY             |
| 72266 | C  | ABILENE/MUN., TX.            | USA                 | 60360 | C | ANNABA                | ALGERIA            |
| 41217 | C  | ABU DHABI INTER. AIRPORT     | U ARAB EMIRATES     | 17300 | C | ANTALYA               | TURKEY             |
| 76805 | C  | ACAPULCO, GRO.               | MEXICO              | 40718 | C | ANZALI                | IRAN, ISLAMIC REP  |
| 17069 | C  | ADAPAZARI                    | TURKEY              | 47575 | C | AOMORI                | JAPAN              |
| 63450 | T  | ADDIS ABABA-BOLE             | ETHIOPIA            | 80084 | C | APARTADO/LOS CEDROS   | COLOMBIA           |
| 94672 | C  | ADELAIDE AIRPORT             | AUSTRALIA           | 37781 | C | ARAGAC H/M            | ARMENIA            |
| 17265 | C  | ADYAMAN                      | TURKEY              | 71592 | C | ARCTIC BAY CS, NU     | CANADA             |
| 60620 | C  | ADRAR                        | ALGERIA             | 22550 | C | ARHANGEL/SK           | RUSSIAN FEDERATION |
| 76644 | C  | AEROP.INTERNACIONAL MERIDA,  | MEXICO              | 85406 | C | ARICA                 | CHILE              |
| 17190 | C  | AFYON                        | TURKEY              | 10091 | C | ARKONA                | GERMANY            |
| 23383 | C  | AGATA                        | RUSSIAN FEDERATION  | 62772 | C | AROMA                 | SUDAN              |
| 17099 | C  | AGRI                         | TURKEY              | 76840 | C | ARRIAGA, CHIS.        | MEXICO             |
| 10309 | C  | AHAUS                        | GERMANY             | 10460 | C | ARTERN                | GERMANY            |
| 42647 | C  | AHMADABAD                    | INDIA               | 44288 | C | ARVAIHEER             | MONGOLIA           |
| 37663 | C  | AHTY                         | RUSSIAN FEDERATION  | 60452 | C | ARZEW                 | ALGERIA            |
| 60415 | C  | AIN-BESSAM                   | ALGERIA             | 47407 | C | ASAHIKAWA             | JAPAN              |
| 07761 | C  | AJACCIO                      | FRANCE              | 85175 | C | ASCENCION DE GUARAYOS | BOLIVIA            |
| 38178 | C  | AK-BAJTAL                    | UZBEKISTAN          | 72315 | C | ASHEVILLE/MUN., NC.   | USA                |
| 47582 | C  | AKITA                        | JAPAN               | 33915 | C | ASKANIYA-NOVA         | UKRAINE            |
| 38232 | C  | AKKUDUK                      | KAZAKHSTAN          | 62414 | C | ASSWAN                | EGYPT              |
| 42933 | C  | AKOLA                        | INDIA               | 35188 | C | ASTANA                | KAZAKHSTAN         |
| 72521 | C  | AKRON/AKRON-CANTON REG. OH.  | USA                 | 65376 | C | ATAKPAME              | TOGO               |
| 35229 | C  | AKTOBE                       | KAZAKHSTAN          | 35078 | C | ATBASAR               | KAZAKHSTAN         |
| 04063 | C  | AKUREYRI                     | ICELAND             | 16716 | C | ATHINAI (AIRPORT)     | GREECE             |
| 40420 | C  | AL-AHSA                      | SAUDI ARABIA        | 71747 | C | ATIKOKAN (AUT), ONT   | CANADA             |
| 08280 | C  | ALBACETE/LOS LLANOS          | SPAIN               | 72219 | C | ATLANTA/MUN., GA.     | USA                |
| 31004 | C  | ALDAN                        | RUSSIAN FEDERATION  | 91925 | C | ATUONA                | FRENCH POLY.       |
| 07139 | C  | ALENCON                      | FRANCE              | 35700 | C | ATYRAU                | KAZAKHSTAN         |
| 10442 | C  | ALFELD                       | GERMANY             | 93110 | C | AUCKLAND AERO AWS     | N ZEALAND          |
| 08359 | C  | ALICANTE                     | SPAIN               | 10852 | C | AUGSBURG              | GERMANY            |
| 72517 | C  | ALLENTOWN/A.-BETHLEHEM-EASTO | USA                 | 38334 | C | AUL TURARA RYSKULOVA  | KAZAKHSTAN         |
| 08487 | C  | ALMERIA/AEROPUERTO           | SPAIN               | 72254 | C | AUSTIN/CTY, TX.       | USA                |
| 44277 | C  | ALTAI                        | MONGOLIA            | 08210 | C | AVILA                 | SPAIN              |
| 26346 | C  | ALUKSNE                      | LATVIA              | 31168 | C | AYAN                  | RUSSIAN FEDERATION |
| 37682 | C  | AMASIA                       | ARMENIA             | 17234 | C | AYDIN                 | TURKEY             |
| 94568 | C  | AMBERLEY AMO                 | AUSTRALIA           | 87641 | C | AZUL AERO             | ARGENTINA          |
| 23022 | CT | AMDERMA                      | RUSSIAN FEDERATION  | 62809 | C | BABANUSA              | SUDAN              |

# STATION LIST RECENT DATA

|       |    |                              |                     |       |   |                              |                    |
|-------|----|------------------------------|---------------------|-------|---|------------------------------|--------------------|
| 82460 | C  | BACABAL                      | BRAZIL              | 83288 | C | BOM JESUS DA LAPA            | BRAZIL             |
| 10542 | C  | BAD HERSFELD                 | GERMANY             | 10519 | C | BONN-ROLEBER                 | GERMANY            |
| 30554 | CT | BAGDARIN                     | RUSSIAN FEDERATION  | 23884 | C | BOR                          | RUSSIAN FEDERATION |
| 41150 | C  | BAHRAIN (INT. AIRPORT)       | BAHRAIN             | 72509 | C | BOSTON/LOGAN INT.,           | USA                |
| 44265 | C  | BAITAG                       | MONGOLIA            | 60405 | C | BOUCHEGOUF                   | ALGERIA            |
| 23891 | C  | BAJKIT                       | RUSSIAN FEDERATION  | 08575 | C | BRAGANCA                     | PORTUGAL           |
| 29328 | C  | BAKCHAR                      | RUSSIAN FEDERATION  | 10129 | C | BREMERHAVEN                  | GERMANY            |
| 07299 | C  | BALE-MULHOUSE                | FRANCE              | 16061 | C | BRIC DELLA CROCE             | ITALY              |
| 61291 | C  | BAMAKO/SENOU                 | MALI                | 11723 | C | BRNO/TURANY                  | CZECH REP          |
| 43295 | C  | BANGALORE                    | INDIA               | 10453 | C | BROCKEN                      | GERMANY            |
| 29612 | C  | BARABINSK                    | RUSSIAN FEDERATION  | 96315 | C | BRUNEI AIRPORT               | BRUNEI DARUSSALAM  |
| 89034 | C  | BASE BELGRANO II             | ARGENTINA           | 15420 | C | BUCURESTI BANEASA            | ROMANIA            |
| 60468 | C  | BATNA                        | ALGERIA             | 12843 | C | BUDAPEST/PESTSZENTLORINC     | HUNGARY            |
| 97192 | C  | BAU-BAU/BETO AMBARI          | INDONESIA           | 71077 | C | BUFFALO NARROWS (AUT),       | CANADA             |
| 44275 | C  | BAYANBULAG                   | 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                |
| 43198 | C  | BELGAUM/SAMBRE               | INDIA               | 15350 | C | BUZAU                        | ROMANIA            |
| 40180 | C  | BEN-GURION INT. AIRPORT      | ISRAEL              | 86268 | C | CAAZAPA                      | PARAGUAY           |
| 13274 | C  | BEOGRAD                      | SERBIA AND MONTENEG | 78310 | C | CABO SAN ANTONIO,            | CUBA               |
| 01317 | C  | BERGEN/FLORIDA               | NORWAY              | 08261 | C | CACERES                      | SPAIN              |
| 40179 | C  | BET DAGAN                    | ISRAEL              | 08452 | C | CADIZ, OBS.                  | SPAIN              |
| 42971 | CT | BHUBANESHWAR                 | INDIA               | 07027 | C | CAEN                         | FRANCE             |
| 12295 | C  | BIALYSTOK                    | POLAND              | 94287 | C | CAIRNS AERO                  | AUSTRALIA          |
| 29939 | C  | BIJSK ZONAL'NAYA             | RUSSIAN FEDERATION  | 42807 | C | CALCUTTA/ALIPORE             | INDIA              |
| 42165 | C  | BIKANER                      | INDIA               | 03808 | C | CAMBORNE                     | U KINGDOM          |
| 08025 | C  | BILBAO/SONDICA               | SPAIN               | 17112 | C | CANAKKALE                    | TURKEY             |
| 17203 | C  | BINGOL                       | TURKEY              | 07661 | C | CAP CEPET                    | FRANCE             |
| 26531 | C  | BIRZAI                       | LITHUANIA           | 71818 | C | CARTWRIGHT, NFLD             | CANADA             |
| 28138 | C  | BISER                        | RUSSIAN FEDERATION  | 03967 | C | CASEMENT AERODROME           | IRELAND            |
| 64510 | C  | BITAM                        | GABON               | 83676 | C | CATANDUVA                    | BRAZIL             |
| 14652 | C  | BJELASNICA                   | BOSNIA AND HERZEGOV | 94653 | C | CEDUNA AMO                   | AUSTRALIA          |
| 01028 | C  | BJORNOYA                     | NORWAY              | 89056 | C | CENTRO MET. ANTARTICO PDTE.  | CHILE              |
| 89013 | C  | BLADRICK AWS                 | U KINGDOM           | 16148 | C | CERVIA                       | ITALY              |
| 68442 | C  | BLOEMFONTEIN AIRPORT         | SOUTH AFRICA        | 07314 | C | CHASSIRON                    | FRANCE             |
| 74492 | C  | BLUE HILL OBS. MA.           | USA                 | 10577 | C | CHEMNITZ                     | GERMANY            |
| 82024 | C  | BOA VISTA                    | BRAZIL              | 41768 | C | CHHOR                        | PAKISTAN           |
| 65510 | C  | BOBO-DIOULASSO               | BURKINA FASO        | 48327 | C | CHIANG MAI                   | THAILAND           |
| 01152 | C  | BODO VI                      | NORWAY              | 60425 | C | CHLEF                        | ALGERIA            |
| 31439 | C  | BOGORODSKOE                  | RUSSIAN FEDERATION  | 21946 | C | CHOKURDAH                    | RUSSIAN FEDERATION |
| 10249 | C  | BOIZENBURG                   | GERMANY             | 93781 | C | CHRISTCHURCH AERO AWS        | N ZEALAND          |
| 31174 | C  | BOL'SHOJ SHANTAR             | RUSSIAN FEDERATION  | 47101 | C | CHUNCHEON                    | REP KOREA          |

# STATION LIST RECENT DATA

|       |   |                              |                    |       |   |                              |                    |
|-------|---|------------------------------|--------------------|-------|---|------------------------------|--------------------|
| 96805 | C | CILACAP                      | INDONESIA          | 72429 | C | DAYTON/. COX, OH.            | USA                |
| 72421 | C | CINCINNATI/GREATER CINCINNAT | USA                | 06235 | C | DE KOOY                      | NETHERLANDS        |
| 96791 | C | CIREBON/JATIWANGI            | INDONESIA          | 71222 | C | DEASE LAKE AUT, BC           | CANADA             |
| 08348 | C | CIUDAD REAL                  | SPAIN              | 12882 | C | DEBRECEN                     | HUNGARY            |
| 72328 | C | CLARKSVILLE, TN              | USA                | 16546 | C | DECIMOMANNU                  | ITALY              |
| 07460 | C | CLERMONT-FERRAND             | FRANCE             | 65505 | C | DEDOUGOU                     | BURKINA FASO       |
| 15120 | C | CLUJ-NAPOCA                  | ROMANIA            | 72787 | C | DEER PARK, WA DEER PARK ARPT | USA                |
| 71358 | C | CLYDE RIVER CLIMATE, NU      | CANADA             | 38734 | C | DEHAVZ                       | TAJKISTAN          |
| 76741 | C | COATZACOALCOS, VER.          | MEXICO             | 71573 | C | DELHI CS, ONT                | CANADA             |
| 85041 | C | COBIJA                       | BOLIVIA            | 17237 | C | DENIZLI                      | TURKEY             |
| 85223 | C | COCHABAMBA                   | BOLIVIA            | 56444 | C | DEQEN                        | CHINA              |
| 43466 | C | COLOMBO                      | SRI LANKA          | 37470 | C | DERBENT                      | RUSSIAN FEDERATION |
| 63333 | C | COMBOLCHA                    | ETHIOPIA           | 72546 | C | DES MOINES/MUN., IA.         | USA                |
| 85196 | C | CONCEPCION                   | BOLIVIA            | 72537 | C | DETROIT/METROPOLITAN, MI.    | USA                |
| 03955 | C | CORK AIRPORT                 | IRELAND            | 41923 | C | DHAKA                        | BANGLADESH         |
| 10496 | C | COTTBUS                      | GERMANY            | 42404 | C | DHUBRI                       | INDIA              |
| 41992 | C | COX'S BAZAR                  | BANGLADESH         | 41242 | C | DIBA                         | OMAN               |
| 85864 | C | COYHAIQUE                    | CHILE              | 72763 | C | DICKINSON, ND                | USA                |
| 16480 | C | COZZO SPADARO                | ITALY              | 10321 | C | DIEPHOLZ                     | GERMANY            |
| 15450 | C | CRAIOVA                      | ROMANIA            | 61085 | C | DIFFA                        | NIGER              |
| 72325 | C | CROSSVILLE, TN               | USA                | 07280 | C | DIJON                        | FRANCE             |
| 80097 | C | CUCUTA/CAMILO DAZA           | COLOMBIA           | 72770 | C | DILLON, MT DILLON ARPT       | USA                |
| 08231 | C | CUENCA                       | SPAIN              | 61666 | C | DIORBEL                      | SENEGAL            |
| 83361 | C | CUIABA                       | BRAZIL             | 63471 | C | DIREDAWA                     | ETHIOPIA           |
| 28704 | C | CULPANOVO                    | RUSSIAN FEDERATION | 17280 | C | DIYARBAKIR                   | TURKEY             |
| 95625 | C | CUNDERDIN AIRFIELD           | AUSTRALIA          | 60670 | C | DJANET                       | ALGERIA            |
| 85629 | C | CURICO                       | CHILE              | 60535 | C | DJELFA                       | ALGERIA            |
| 72769 | C | CUT BANK, MT CUT BANK MUNI A | USA                | 34504 | C | DNIPROPETROVS'K              | UKRAINE            |
| 10131 | C | CUXHAVEN                     | GERMANY            | 16033 | C | DOBBIACO                     | ITALY              |
| 43150 | C | CWC VISHAKHAPATNAM/WALTAIR   | INDIA              | 72451 | C | DODGE CITY/MUN., KS.         | USA                |
| 58666 | C | DACHEN DAO                   | CHINA              | 64401 | C | DOLISIE                      | CONGO              |
| 47133 | C | DAEJEON                      | REP KOREA          | 89577 | C | DOME A                       | AUSTRALIA          |
| 98325 | C | DAGUPAN                      | PHILIPPINES        | 62650 | C | DONGOLA                      | SUDAN              |
| 62467 | C | DAHAB                        | EGYPT              | 65501 | C | DORI                         | BURKINA FASO       |
| 61641 | C | DAKAR/YOFF                   | SENEGAL            | 61053 | C | DOSSO                        | NIGER              |
| 31873 | C | DAL'NERECHENSK               | RUSSIAN FEDERATION | 52836 | C | DOULAN                       | CHINA              |
| 62805 | C | DAMAZINE                     | SUDAN              | 10488 | C | DRESDEN-KLOTZSCHE            | GERMANY            |
| 71185 | C | DANIELS HARBOUR,             | CANADA             | 41515 | C | DROSH                        | PAKISTAN           |
| 65351 | C | DAPAON                       | TOGO               | 03969 | C | DUBLIN AIRPORT               | IRELAND            |
| 38545 | C | DARGANATA                    | TURKMENISTAN       | 10400 | C | DUESSELDORF                  | GERMANY            |
| 38392 | C | DASHOGUZ                     | TURKMENISTAN       | 72745 | C | DULUTH/INT., MN.             | USA                |
| 26544 | C | DAUGAVPILS                   | LATVIA             | 89642 | C | DUMONT D'URVILLE             | FRANCE             |
| 89570 | C | DAVIS (WHOOOP WHOOP)         | AUSTRALIA          | 52418 | C | DUNHUANG                     | CHINA              |
| 71966 | C | DAWSON, YT                   | CANADA             | 76423 | C | DURANGO, DGO.                | MEXICO             |

# STATION LIST RECENT DATA

|       |   |                              |                    |       |   |                            |              |
|-------|---|------------------------------|--------------------|-------|---|----------------------------|--------------|
| 42731 | C | DWARKA                       | INDIA              | 35067 | C | ESIL'                      | KAZAKHSTAN   |
| 03091 | C | DYCE                         | U KINGDOM          | 03162 | C | ESKDALEMUIR                | U KINGDOM    |
| 21908 | C | DZALINDA                     | RUSSIAN FEDERATION | 94638 | C | ESPERANCE                  | AUSTRALIA    |
| 30089 | C | DZHIKIMDA                    | RUSSIAN FEDERATION | 87803 | C | ESQUEL AERO                | ARGENTINA    |
| 89578 | C | EAGLE                        | AUSTRALIA          | 10410 | C | ESSEN-BREDENEY             | GERMANY      |
| 68858 | C | EAST LONDON                  | SOUTH AFRICA       | 71559 | C | ESTEVAN RCS, SASK          | CANADA       |
| 62750 | C | ED DUEIM                     | SUDAN              | 94647 | C | EUCLA                      | AUSTRALIA    |
| 94983 | C | EDDYSTONE POINT              | AUSTRALIA          | 72594 | C | EUREKA, CA.                | 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        | 08558 | C | EVORA/C. COORD             | PORTUGAL     |
| 71296 | C | EGBERT CS, ONT               | CANADA             | 87576 | C | EZEIZA AERO                | ARGENTINA    |
| 25378 | C | EGVEKINOT                    | RUSSIAN FEDERATION | 65507 | C | FADA N'GOURMA              | BURKINA FASO |
| 40199 | C | EILAT                        | ISRAEL             | 41262 | C | FAHUD                      | OMAN         |
| 52267 | C | EJIN QI                      | CHINA              | 70261 | C | FAIRBANKS/INT., AK         | USA          |
| 31707 | C | EKATERINO-NIKOL'SKOE         | RUSSIAN FEDERATION | 62423 | C | FARAFRA                    | EGYPT        |
| 38388 | C | EKEZHE                       | TURKMENISTAN       | 10908 | C | FELDBERG/SCHWARZWALD       | GERMANY      |
| 31329 | C | EKIMCHAN                     | RUSSIAN FEDERATION | 41943 | C | FENI                       | BANGLADESH   |
| 62337 | C | EL ARISH                     | EGYPT              | 38618 | C | FERGANA                    | UZBEKISTAN   |
| 60540 | C | EL-KHEITER                   | ALGERIA            | 11155 | C | FEUERKOGEL                 | AUSTRIA      |
| 17202 | C | ELAZIG                       | TURKEY             | 67137 | C | FIANARANTSOA               | MADAGASCAR   |
| 12160 | C | ELBLAG                       | POLAND             | 10578 | C | FICHTELBERG                | GERMANY      |
| 63686 | C | ELDORET                      | KENYA              | 17375 | C | FINIKE                     | TURKEY       |
| 72307 | C | ELIZABETH CITY, NC CG AIR ST | USA                | 72637 | C | FLINT/BISHOP, MI.          | USA          |
| 71352 | C | ELORA RCS, ONT               | CANADA             | 82678 | C | FLORIANO                   | BRAZIL       |
| 72486 | C | ELY/YELLAND, NV.             | USA                | 01238 | C | FOKSTUA II                 | NORWAY       |
| 07591 | C | EMBRUN                       | FRANCE             | 82212 | C | FONTE BOA                  | BRAZIL       |
| 10200 | C | EMDEN-FLUGPLATZ              | GERMANY            | 71212 | C | FORET MONTMORENCY RCS, QUE | CANADA       |
| 76256 | C | EMPALME, SON.                | MEXICO             | 89065 | C | FOSSIL BLUFF               | U KINGDOM    |
| 62781 | C | EN NAHUD                     | SUDAN              | 83827 | C | FOZ DO IGUACU (AEROPORTO)  | BRAZIL       |
| 25356 | C | EN' MUVEEM                   | RUSSIAN FEDERATION | 83630 | C | FRANCA                     | BRAZIL       |
| 86297 | C | ENCARNACION                  | PARAGUAY           | 10803 | C | FREIBURG                   | GERMANY      |
| 29263 | C | ENISEJSK                     | RUSSIAN FEDERATION | 16179 | C | FRONTONE                   | ITALY        |
| 16450 | C | ENNA                         | ITALY              | 10895 | C | FUERSTENZELL               | GERMANY      |
| 72790 | C | EPHRATA, WA EPHRATA MUNI ARP | USA                | 47807 | C | FUKUOKA                    | JAPAN        |
| 72550 | C | EPPLEY FIELD, OMAHA,         | USA                | 08522 | C | FUNCHAL                    | MADEIRA      |
| 38656 | C | ERBENT                       | TURKMENISTAN       | 58847 | C | FUZHOU                     | CHINA        |
| 44237 | C | ERDENEMANDAL                 | MONGOLIA           | 60745 | C | GAFSA                      | TUNISIA      |
| 53068 | C | ERENHOT                      | CHINA              | 74641 | C | GAGE, OK GAGE ARPT         | USA          |
| 10554 | C | ERFURT-BINDERSLEBEN          | GERMANY            | 74756 | C | GAINSVILLE, FL             | USA          |
| 34186 | C | ERSHOV                       | RUSSIAN FEDERATION | 15310 | C | GALATI                     | ROMANIA      |
| 17092 | C | ERZINCAN                     | TURKEY             | 64454 | C | GAMBOMA                    | CONGO        |
| 38750 | C | ESENGYLY                     | TURKMENISTAN       | 37735 | C | GANDJA                     | AZERBAIJAN   |
| 40800 | C | ESFAHAN                      | IRAN, ISLAMIC REP  | 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 | C | 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 | HACHIJOJIMA                  | 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       | 40394 | C | HAIL                         | SAUDI ARABIA       |
| 10567 | C | GERA-LEUMNITZ               | GERMANY            | 17285 | C | HAKKARI                      | TURKEY             |
| 62103 | C | GHADAMES                    | LIBYA              | 53336 | C | HALIUT                       | CHINA              |
| 40296 | C | GHOR SAFI                   | JORDAN             | 10147 | C | HAMBURG-FUHLSBUETTEL         | 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 | C | GOA/PANJIM                  | INDIA              | 71066 | C | HIGH LEVEL A, ALTA           | CANADA             |
| 71261 | C | GODERICH, ONT               | CANADA             | 91753 | C | HIHIFO (ILE WALLIS)          | DETACHED ISLANDS   |
| 10499 | C | GOERLITZ                    | 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            |
| 63403 | C | GORE                        | ETHIOPIA           | 10962 | C | HOHENPEISSENBERG             | GERMANY            |
| 02589 | C | GOTSKA SANDON               | SWEDEN             | 93615 | C | HOKITIKA AERODROME AWS       | N ZEALAND          |
| 68906 | C | GOUGH ISLAND                | SOUTH AFRICA       | 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                |
| 59287 | C | GUANGZHOU                   | CHINA              | 44218 | C | HOVD                         | MONGOLIA           |
| 60403 | C | GUELMA                      | ALGERIA            | 71868 | C | HUDSON BAY, SASK             | CANADA             |
| 57816 | C | GUIYANG                     | CHINA              | 08383 | C | HUELVA                       | SPAIN              |
| 74757 | C | GULFPORT, MS                | USA                | 44285 | C | HUJIRT                       | MONGOLIA           |
| 17088 | C | GUMUSHANE                   | TURKEY             | 72323 | C | HUNTSVILLE/MADISON CO., AL.  | USA                |

# STATION LIST RECENT DATA

|       |    |                              |                    |       |   |                              |                     |
|-------|----|------------------------------|--------------------|-------|---|------------------------------|---------------------|
| 11858 | C  | HURBANOVO                    | SLOVAKIA           | 08417 | C | JAEN                         | SPAIN               |
| 44232 | C  | HUTAG                        | MONGOLIA           | 43041 | C | JAGDALPUR                    | INDIA               |
| 41764 | C  | HYDERABAD                    | PAKISTAN           | 24959 | C | JAKUTSK                      | RUSSIAN FEDERATION  |
| 47016 | C  | HYESAN                       | DPR KOREA          | 62161 | C | JALO                         | LIBYA               |
| 15090 | C  | IASI                         | ROMANIA            | 96195 | C | JAMBI/SULTAN TAHA            | INDONESIA           |
| 80214 | C  | IBAGUE/PERALES               | COLOMBIA           | 01001 | C | JAN MAYEN                    | NORWAY              |
| 41252 | C  | IBRI                         | OMAN               | 54026 | C | JARUD QI                     | CHINA               |
| 23274 | C  | IGARKA                       | RUSSIAN FEDERATION | 97690 | C | JAYAPURA/SENTANI             | INDONESIA           |
| 87097 | C  | IGUAZU AERO                  | ARGENTINA          | 41024 | C | JEDDAH (KING ABDUL AZIZ INT. | SAUDI ARABIA        |
| 61970 | C  | ILE JUAN DE NOVA             | OCEAN ISLANDS      | 47184 | C | JEJU                         | REP KOREA           |
| 25248 | C  | ILIRNEJ                      | RUSSIAN FEDERATION | 60725 | C | JENDOUBA                     | TUNISIA             |
| 60640 | C  | ILLIZI                       | ALGERIA            | 08451 | C | JEREZ DE LA FRONTERA AEROPUE | SPAIN               |
| 31416 | C  | IM POLINY OSIPENKO           | RUSSIAN FEDERATION | 41936 | C | JESSORE                      | BANGLADESH          |
| 20667 | C  | IM. M.V. POPOVA              | RUSSIAN FEDERATION | 41598 | C | JHELUM                       | PAKISTAN            |
| 64459 | C  | IMPFONDO                     | CONGO              | 60351 | C | JIJEL-ACHOUAT                | ALGERIA             |
| 60611 | C  | IN-AMENAS                    | ALGERIA            | 63402 | C | JIMMA                        | ETHIOPIA            |
| 47112 | C  | INCHEON                      | REP KOREA          | 54823 | C | JINAN                        | CHINA               |
| 72438 | C  | INDIANAPOLIS/I.-MUN/WEIR COO | USA                | 52533 | C | JIUQUAN                      | CHINA               |
| 67323 | C  | INHAMBANE                    | MOZAMBIQUE         | 41756 | C | JIWANI                       | PAKISTAN            |
| 11120 | C  | INNSBRUCK-FLUGHAFEN          | AUSTRIA            | 83481 | C | JOAO PINHEIRO                | BRAZIL              |
| 72747 | C  | INT.FALLS/FALLS INT. MN.     | USA                | 41287 | C | JOBA                         | OMAN                |
| 71907 | C  | INUKJUAK A, QUE              | 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 |
| 47918 | C  | ISHIGAKIJIMA                 | JAPAN              | 87548 | C | JUNIN AERO                   | ARGENTINA           |
| 17370 | C  | ISKENDERUN                   | TURKEY             | 32150 | C | JUZHNO-SAHALINSK             | RUSSIAN FEDERATION  |
| 41571 | C  | ISLAMABAD AIRPORT            | PAKISTAN           | 02935 | C | JYVASKYLA                    | FINLAND             |
| 17240 | C  | ISPARTA                      | TURKEY             | 40417 | C | K.F.I.A. (KING FAHAD INT. AI | SAUDI ARABIA        |
| 82336 | C  | ITACOATIARA                  | BRAZIL             | 62810 | C | KADOGLLI                     | SUDAN               |
| 04339 | C  | ITTOQQORTOORMIIT (SCORESBYSU | GREENLAND          | 47827 | C | KAGOSHIMA                    | JAPAN               |
| 10142 | C  | ITZEHOE                      | GERMANY            | 10427 | C | KAHLER ASTEN                 | GERMANY             |
| 33526 | C  | IVANO-FRANKIVS'K             | UKRAINE            | 10747 | C | KAISERBACH-CRONHUETTE        | GERMANY             |
| 23921 | C  | IVDEL'                       | RUSSIAN FEDERATION | 16726 | C | KALAMATA (AIRPORT)           | GREECE              |
| 60010 | C  | IZANA                        | SPAIN RATION       | 25745 | C | KAMENSKOE                    | RUSSIAN FEDERATION  |
| 34415 | C  | IZIUM                        | UKRAINE            | 22165 | C | KANIN NOS                    | RUSSIAN FEDERATION  |
| 17220 | C  | IZMIR/GUZELYALI              | TURKEY             | 61679 | C | KAOLACK                      | SENEGAL             |
| 84088 | C  | IZOBAMBA                     | ECUADOR            | 71299 | C | KAPUSKASING CDA ON, ONT      | CANADA              |
| 47800 | CT | IZUHARA                      | JAPAN              | 02418 | C | KARLSTAD FLYGPLATS           | SWEDEN              |
| 72235 | C  | JACKSON/ALLEN C. THOMPSON FI | USA                | 17074 | C | KASTAMONU                    | TURKEY              |

# STATION LIST RECENT DATA

|       |    |                             |                     |       |   |                              |                    |
|-------|----|-----------------------------|---------------------|-------|---|------------------------------|--------------------|
| 44454 | C  | KATHMANDU AIRPORT           | NEPAL               | 12566 | C | KRAKOW                       | POLAND             |
| 26629 | C  | KAUNAS                      | LITHUANIA           | 11012 | C | KREMSMUNSTER                 | AUSTRIA            |
| 92076 | C  | KAVIENG W.O.                | PAPUA N GUINEA      | 33791 | C | KRYVYI RIH                   | UKRAINE            |
| 61257 | C  | KAYES                       | MALI                | 60514 | C | KSAR CHELLALA                | ALGERIA            |
| 27595 | C  | KAZAN'                      | RUSSIAN FEDERATION  | 48647 | C | KUALA LUMPUR/SUBANG          | MALAYSIA           |
| 61699 | C  | KEDOUGOU                    | SENEGAL             | 96413 | C | KUCHING                      | MALAYSIA           |
| 04018 | C  | KEFLAVIKURFLUGVOLLUR        | ICELAND             | 71332 | C | KUGLUKTUK CLIMATE, NU        | CANADA             |
| 10946 | C  | KEMPTEN                     | GERMANY             | 38343 | C | KULAN                        | KAZAKHSTAN         |
| 61285 | C  | KENIEBA                     | MALI                | 56778 | C | KUNMING                      | CHINA              |
| 16641 | C  | KERKYRA (AIRPORT)           | GREECE              | 97372 | C | KUPANG/ELTARI                | INDONESIA          |
| 02805 | C  | KEVO                        | FINLAND             | 51644 | C | KUQA                         | CHINA              |
| 72201 | C  | KEY WEST/INT., FL           | USA                 | 15730 | C | KURDJALI                     | BULGARIA           |
| 41114 | C  | KHAMIS MUSHAIT              | SAUDI ARABIA        | 47418 | C | KUSHIRO                      | JAPAN              |
| 33902 | C  | KHERSON                     | UKRAINE             | 17155 | C | KUTAHYA                      | TURKEY             |
| 33429 | C  | KHMEL'NYTS'KYI              | UKRAINE             | 71906 | C | KUUIJUAQ A, QUE              | CANADA             |
| 38954 | C  | KHOROG                      | TAJIKISTAN          | 02119 | C | KVIKKJOKK ARRENJARKA         | SWEDEN             |
| 38599 | C  | KHUDJANT                    | TAJIKISTAN          | 91366 | C | KWAJALEIN/BUCHOLZ AAF, MARSH | USA                |
| 10046 | C  | KIEL-HOLTENAU               | GERMANY             | 30949 | C | KYRA                         | RUSSIAN FEDERATION |
| 02801 | C  | KILPISJARVI                 | FINLAND             | 36096 | C | KYZYL                        | RUSSIAN FEDERATION |
| 47025 | C  | KIMCHAEK                    | DPR KOREA           | 35576 | C | KZYLZAR                      | KAZAKHSTAN         |
| 40437 | C  | KING KHALED INT. AIRPORT    | SAUDI ARABIA        | 33393 | C | L'VIV                        | UKRAINE            |
| 03017 | C  | KIRKWALL                    | U KINGDOM           | 08001 | C | LA CORUNA                    | SPAIN              |
| 24606 | C  | KISLOKAN                    | RUSSIAN FEDERATION  | 82723 | C | LABREA                       | BRAZIL             |
| 61270 | C  | KITA                        | MALI                | 60545 | C | LAGHOUAT                     | ALGERIA            |
| 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             | 72576 | C | LANDER/HUNT, WY.             | USA                |
| 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          |
| 28879 | C  | KOKSHETAY                   | 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             |
| 91577 | C  | KOUMAC (NLE-CALEDONIE)      | N CALEDONIA         | 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                 | 41030 | C | MAKKAH                       | SAUDI ARABIA        |
| 55591 | C  | LHASA                      | CHINA               | 48665 | C | MALACCA                      | MALAYSIA GUINEA     |
| 11603 | C  | LIBEREC                    | CZECH REP           | 30252 | C | MAMAKAN                      | RUSSIAN FEDERATION  |
| 10591 | C  | LICHTENHAIN-MITTELNDORF    | GERMANY             | 78741 | C | MANAGUA A.C.SANDINO          | NICARAGUA           |
| 26406 | C  | LIEPAJA                    | LATVIA              | 67341 | C | MAPUTO/MAVALANE              | MOZAMBIQUE          |
| 91165 | C  | LIHUE, KAUAI, HAWAII       | USA                 | 82562 | C | MARABA                       | BRAZIL              |
| 07015 | C  | LILLE                      | FRANCE              | 37860 | C | MASHTAGA                     | AZERBAIJAN          |
| 07434 | C  | LIMOGES                    | FRANCE              | 47741 | C | MATSUE                       | JAPAN               |
| 10305 | C  | LINGEN                     | GERMANY             | 89564 | C | MAWSON                       | AUSTRALIA           |
| 08535 | C  | LISBOA/GEOF                | PORTUGAL            | 52323 | C | MAZONG SHAN                  | CHINA               |
| 72340 | C  | LITTLE ROCK/ADAMS FLD,     | USA                 | 70231 | C | MCGRATH, AK                  | USA                 |
| 33761 | C  | LIUBASHIVKA                | UKRAINE             | 89664 | C | MCMURDO                      | USA                 |
| 14015 | C  | LJUBLJANA/BEZIGRAD         | SLOVENIA            | 60549 | C | MECHERIA                     | ALGERIA             |
| 63612 | C  | LODWAR                     | KENYA               | 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              | 60338 | C | MELILLA                      | SPAIN               |
| 76305 | C  | LORETO, BCS                | MEXICO              | 87418 | C | MENDOZA AERO                 | ARGENTINA           |
| 72295 | C  | LOS ANGELES /INT.,         | USA                 | 62306 | C | MERSA MATRUH                 | EGYPT               |
| 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 | 67260 | C | MILANGE                      | MOZAMBIQUE          |
| 71470 | C  | LUPIN CS, NU               | CANADA              | 26850 | C | MINSK                        | BELARUS             |
| 97086 | C  | LUWUK/BUBUNG               | INDONESIA           | 89592 | C | MIRNYJ                       | RUSSIAN FEDER. ANTA |
| 06590 | C  | LUXEMBOURG/LUXEMBOURG      | LUXEMBOURG          | 62016 | C | MISURATA                     | LIBYA               |
| 03740 | C  | LYNEHAM                    | U KINGDOM           | 04211 | C | MITTARFIK UPERNAVIK (UPERNAV | GREENLAND           |
| 07481 | C  | LYON-SATOLAS               | FRANCE              | 47830 | C | MIYAZAKI                     | JAPAN               |
| 11787 | C  | LYSA HORA                  | CZECH REP           | 68242 | C | MMABATHO                     | SOUTH AFRICA        |
| 64452 | C  | M'POUYA                    | CONGO               | 72223 | C | MOBILE/BATES FIELD,          | USA                 |
| 40310 | C  | MA'AN                      | JORDAN              | 26863 | C | MOGILEV                      | BELARUS             |
| 44294 | C  | MAANTI                     | MONGOLIA            | 47165 | C | MOKPO                        | REP KOREA           |
| 82098 | C  | MACAPA                     | BRAZIL              | 72544 | C | MOLINE/QUAD CITY,            | USA                 |
| 08219 | C  | MADRI-COLMENAR             | SPAIN               | 63820 | C | MOMBASA INTERNATIONAL        | KENYA               |
| 47624 | C  | MAEBASHI                   | JAPAN               | 07560 | C | MONT AIGOUAL                 | FRANCE              |
| 40265 | CT | MAFRAQ                     | JORDAN              | 71309 | C | MOOSONEE RCS, ONT            | CANADA              |
| 61091 | C  | MAGARIA                    | NIGER               | 61265 | C | MOPTI                        | MALI                |
| 37472 | C  | MAHACHKALA                 | RUSSIAN FEDERATION  | 95527 | C | MOREE AERO                   | AUSTRALIA           |
| 61096 | C  | MAINE-SOROA                | NIGER               | 27612 | C | MOSKVA                       | RUSSIAN FEDERATION  |
| 91376 | C  | MAJURO/MARSHALL IS. INTNL. | USA IA              | 64550 | C | MOUILA                       | GABON               |



# STATION LIST RECENT DATA

|       |    |                             |                    |       |   |                              |                     |
|-------|----|-----------------------------|--------------------|-------|---|------------------------------|---------------------|
| 63619 | C  | MOYALE                      | KENYA              | 17250 | C | NIGDE                        | TURKEY              |
| 33036 | C  | MOZYR                       | BELARUS            | 47604 | C | NIIGATA                      | JAPAN               |
| 63971 | C  | MTWARA                      | U REP TANZANIA     | 31369 | C | NIKOLAEVSK-NA-AMURE          | RUSSIAN FEDERATION  |
| 10315 | C  | MUENSTER/OSNABRUECK         | GERMANY            | 61230 | C | NIORO DU SAHEL               | MALI                |
| 17292 | C  | MUGLA                       | TURKEY             | 13388 | C | NIS                          | SERBIA AND MONTENEG |
| 42147 | C  | MUKTESHWAR KUMAON           | INDIA              | 30433 | C | NIZHNEANGARSK                | RUSSIAN FEDERATION  |
| 41675 | C  | MULTAN                      | PAKISTAN           | 23724 | C | NJAKSIMVOL'                  | RUSSIAN FEDERATION  |
| 08430 | C  | MURCIA                      | SPAIN              | 41710 | C | NOKKUNDI                     | PAKISTAN            |
| 17204 | C  | MUS                         | TURKEY             | 70200 | C | NOME, AK                     | USA                 |
| 63756 | C  | MWANZA                      | U REP TANZANIA     | 10113 | C | NORDERNEY                    | GERMANY             |
| 48008 | C  | MYITKYINA                   | MYANMAR            | 61415 | C | NOUADHIBOU                   | MAURITANIA          |
| 25062 | C  | MYS BILLINGSA               | RUSSIAN FEDERATION | 13168 | C | NOVI SAD RIMSKI SANCEVI      | SERBIA AND MONTENEG |
| 61049 | C  | N'GUIGMI                    | NIGER              | 94750 | C | NOWRA RAN AIR STATION AWS    | AUSTRALIA           |
| 60557 | C  | NAAMA                       | ALGERIA            | 10506 | C | NUERBURG-BARWEILER           | GERMANY             |
| 23445 | C  | NADYM                       | RUSSIAN FEDERATION | 94681 | C | NURIOOTPA VITICULTURAL       | AUSTRALIA           |
| 12925 | C  | NAGYKANIZSA                 | HUNGARY            | 43473 | C | NUWARA ELIYA                 | SRI LANKA           |
| 47936 | C  | NAHA                        | JAPAN              | 91212 | C | NWSO AGANA, GUAM, MARIANA IS | USA KA              |
| 63740 | C  | NAIROBI/KENYATTA AIRPORT    | KENYA              | 62790 | C | NYALA                        | SUDAN               |
| 41128 | C  | NAJRAN                      | SAUDI ARABIA       | 72427 | C | OAK RIDGE, TN                | USA                 |
| 24713 | C  | NAKANNO                     | RUSSIAN FEDERATION | 10948 | C | OBERSTDORF                   | GERMANY             |
| 62002 | C  | NALUT                       | LIBYA              | 33837 | C | ODESA                        | UKRAINE             |
| 38611 | C  | NAMANGAN                    | UZBEKISTAN         | 10742 | C | OEHRINGEN                    | GERMANY             |
| 07181 | C  | NANCY-OCHEY                 | FRANCE             | 31088 | C | OHOTSK                       | RUSSIAN FEDERATION  |
| 71311 | C  | NAPPAN AUTO, NS             | CANADA             | 47815 | C | OITA                         | JAPAN               |
| 23205 | C  | NAR'JAN-MAR                 | RUSSIAN FEDERATION | 24688 | C | OJMJAKON                     | RUSSIAN FEDERATION  |
| 72327 | C  | NASHVILLE/METROPOLITAN, TN. | USA                | 72353 | C | OKLAHOMA CITY/W. ROGERS WORL | USA                 |
| 71813 | C  | NATASHQUAN A, QUE           | CANADA             | 23734 | C | OKTJABR'SKOE                 | RUSSIAN FEDERATION  |
| 91683 | C  | NAUSORI                     | FIJI               | 71044 | C | OLD CROW, YT                 | CANADA              |
| 08215 | C  | NAVACERRADA                 | SPAIN              | 24125 | C | OLENEK                       | RUSSIAN FEDERATION  |
| 41749 | C  | NAWABSHAH                   | PAKISTAN           | 72792 | C | OLYMPIA, WA.                 | USA                 |
| 37936 | C  | NAXCIVAN                    | AZERBAIJAN         | 47655 | C | OMAEZAKI                     | JAPAN               |
| 47909 | C  | NAZE                        | JAPAN              | 44215 | C | OMNO-GOBI                    | MONGOLIA            |
| 64700 | C  | NDJAMENA                    | CHAD               | 25428 | C | OMOLON                       | RUSSIAN FEDERATION  |
| 80315 | C  | NEIVA/BENITO SALAS          | COLOMBIA           | 28698 | C | OMSK                         | RUSSIAN FEDERATION  |
| 31152 | C  | NEL' KAN                    | RUSSIAN FEDERATION | 01212 | C | ONA II                       | NORWAY              |
| 47420 | C  | NEMURO                      | JAPAN              | 22641 | C | ONEGA                        | RUSSIAN FEDERATION  |
| 29752 | C  | NENASTNAYA                  | RUSSIAN FEDERATION | 94476 | C | ODNADATTA AIRPORT            | AUSTRALIA           |
| 30879 | C  | NERCHINSKIJ ZAVOD           | RUSSIAN FEDERATION | 60490 | C | ORAN-SENIA                   | ALGERIA             |
| 10537 | C  | NEU ULRICHSTEIN             | GERMANY            | 08048 | C | ORENSE                       | SPAIN               |
| 17193 | C  | NEVSEHIR                    | TURKEY             | 76737 | C | ORIZABA, VER.                | MEXICO              |
| 42182 | CT | NEW DELHI/SAFDARJUNG        | INDIA              | 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               |
| 07690 | C  | NICE                        | FRANCE             | 10480 | C | OSCHATZ                      | GERMANY             |

# STATION LIST RECENT DATA

|       |    |                              |                     |       |   |                              |                     |
|-------|----|------------------------------|---------------------|-------|---|------------------------------|---------------------|
| 47675 | C  | OSHIMA                       | JAPAN               | 61990 | C | PLAISANCE (MAURITIUS)        | MAURITIUS           |
| 01492 | CT | OSLO-BLINDERN                | NORWAY              | 07117 | C | PLOUMANACH PERROS GUIREC     | FRANCE              |
| 85782 | C  | OSORNO                       | CHILE               | 65518 | C | PO                           | BURKINA FASO        |
| 02226 | C  | OSTERSUND FROSON             | SWEDEN              | 72578 | C | POCATELLO/MUN., ID.          | USA                 |
| 71063 | C  | OTTAWA CDA RCS, ONT          | CANADA              | 13463 | C | PODGORICA-GRAD               | SERBIA AND MONTENEG |
| 60580 | C  | OUARGLA                      | ALGERIA             | 32027 | C | POGIBI                       | RUSSIAN FEDERATION  |
| 64458 | C  | OUESSO                       | CONGO               | 47138 | C | POHANG                       | REP KOREA           |
| 60115 | C  | OUIDA                        | MOROCCO             | 07207 | C | POINTE DU TALUT              | FRANCE              |
| 60421 | C  | OUM EL BOUAGHI               | ALGERIA             | 20046 | C | POLARGMO IM. E.T. KRENKELJA  | RUSSIAN FEDERATION  |
| 08015 | C  | OVIEDO                       | SPAIN               | 08044 | C | PONTEVEDRA                   | SPAIN               |
| 33213 | C  | OVRUCH                       | UKRAINE             | 11934 | C | POPRAD/TATRY                 | SLOVAKIA            |
| 78384 | C  | OWEN ROBERTS AIRPORT GRAND C | CAYMAN ISLANDS      | 27675 | C | PORETSKOE                    | RUSSIAN FEDERATION  |
| 22619 | C  | PADANY                       | RUSSIAN FEDERATION  | 83332 | C | POSSE                        | BRAZIL              |
| 16022 | C  | PAGANELLA                    | ITALY               | 10379 | C | POTSDAM                      | GERMANY             |
| 48955 | C  | PAKSE                        | LAO PDR             | 83358 | C | POXOREO (POXOREU)            | BRAZIL              |
| 64709 | C  | PALA                         | CHAD                | 12330 | C | POZNAN                       | POLAND              |
| 08085 | C  | PAMPLONA/NOAIN               | SPAIN               | 11518 | C | PRAHA/RUZYNE                 | CZECH REP           |
| 96237 | C  | PANGKAL PINANG               | INDONESIA           | 31989 | C | PREOBRAZHENIE                | RUSSIAN FEDERATION  |
| 41560 | C  | PARACHINAR                   | PAKISTAN            | 11423 | C | PRIMDA                       | CZECH REP           |
| 41759 | C  | PASNI                        | PAKISTAN            | 72507 | C | PROVIDENCE/GREEN STATE, RI.  | USA                 |
| 82791 | C  | PATOS                        | BRAZIL              | 34607 | C | PRYSHYB                      | UKRAINE             |
| 71984 | C  | PAULATUK, NWT                | CANADA              | 95940 | C | PT PERPENDICULAR AWS         | AUSTRALIA           |
| 27823 | C  | PAVELETS                     | RUSSIAN FEDERATION  | 29313 | C | PUDINO                       | RUSSIAN FEDERATION  |
| 06610 | C  | PAYERNE                      | SWITZERLAND & LIECH | 76685 | C | PUEBLA, PUE.                 | MEXICO              |
| 71434 | C  | PEAWANUCK (AUT), ONT         | CANADA              | 43063 | C | PUNE                         | INDIA               |
| 12942 | C  | PECS/POGANY                  | HUNGARY             | 26359 | C | PUSKINSKIE GORY              | RUSSIAN FEDERATION  |
| 86097 | C  | PEDRO JUAN CABALLERO         | PARAGUAY            | 43424 | C | PUTTALAM                     | SRI LANKA           |
| 87544 | C  | PEHUAJO AERO                 | ARGENTINA           | 84179 | C | PUYO                         | ECUADOR             |
| 96109 | C  | PEKAN BARU/SIMPANGTIGA       | INDONESIA           | 47058 | C | PYONGYANG                    | DPR KOREA           |
| 67215 | C  | PEMBA                        | MOZAMBIQUE          | 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               |
| 72408 | C  | PHILADELPHIA/INT.,           | USA                 | 67283 | C | QUELIMANE                    | MOZAMBIQUE          |
| 72278 | C  | PHOENIX/SKY HARBOR,          | USA                 | 72443 | C | QUINCY, IL                   | USA                 |
| 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                 |
| 11826 | C  | PIESTANY                     | SLOVAKIA            | 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                 |
| 16158 | C  | PISA/S. GIUSTO               | ITALY               | 38851 | C | RASHT                        | TAJKISTAN           |
| 72520 | C  | PITTSBURGH/GREATER PITTSBURG | USA                 | 72669 | C | RAWLINGS, WY                 | USA                 |

# STATION LIST RECENT DATA

|       |   |                              |                     |       |   |                              |                     |
|-------|---|------------------------------|---------------------|-------|---|------------------------------|---------------------|
| 95670 | C | RAYVILLE PARK                | AUSTRALIA           | 38974 | C | SARAGT                       | TURKMENISTAN        |
| 82900 | C | RECIFE                       | BRAZIL              | 21802 | C | SASKYLAH                     | RUSSIAN FEDERATION  |
| 10776 | C | REGENSBURG                   | GERMANY             | 48947 | C | SAVANNAKHET                  | LAO PDR             |
| 07072 | C | REIMS-PRUNAY                 | FRANCE              | 48938 | C | SAYABOURY                    | LAO PDR             |
| 96171 | C | RENGAT/JAPURA                | INDONESIA           | 10564 | C | SCHLEIZ                      | GERMANY             |
| 71407 | C | RESERVED OR UNKNOWN          | CANADA              | 98430 | C | SCIENCE GARDEN               | PHILIPPINES         |
| 04030 | C | REYKJAVIK                    | ICELAND             | 94738 | C | SCONE SCS                    | AUSTRALIA           |
| 10731 | C | RHEINSTETTEN                 | GERMANY             | 72793 | C | SEATTLE/S.-TACOMA,           | USA                 |
| 85043 | C | RIBERALTA                    | BOLIVIA             | 10261 | C | SEEHAUSEN                    | GERMANY             |
| 72401 | C | RICHMOND/BYRD, VA.           | USA                 | 08213 | C | SEGOVIA                      | SPAIN               |
| 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            |
| 71743 | C | RIVIERE AUX FEUILLES, QUE    | CANADA              | 61976 | C | SERGE-FROLOW (ILE TROMELIN)  | OCEAN ISLANDS       |
| 17040 | C | RIZE                         | TURKEY              | 60445 | C | SETIF                        | ALGERIA             |
| 72411 | C | ROANOKE/MUN., VA.            | USA                 | 08391 | C | SEVILLA/SAN PABLO            | SPAIN               |
| 72692 | C | ROBERT FIELD ARPT            | USA                 | 63980 | C | SEYCHELLES INTERNATIONAL AIR | SEYCHELLES          |
| 72529 | C | ROCHESTER/ROCHESTER-MONROE C | USA                 | 37126 | C | SHADZHATMAZ                  | RUSSIAN FEDERATION  |
| 61988 | C | RODRIGUES                    | MAURITIUS           | 72666 | C | SHERIDAN/COUNTY, WY.         | USA                 |
| 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               | 15260 | C | SIBIU                        | ROMANIA             |
| 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        | 17026 | C | SINOP                        | TURKEY              |
| 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  |
| 61277 | C | SAN                          | MALI                | 76845 | C | SN. CRISTOBAL LAS CASAS, CHI | MEXICO              |
| 82280 | C | SAO LUIZ                     | BRAZIL              | 32477 | C | SOBOLEVO                     | RUSSIAN FEDERATION  |
| 47412 | C | SAPPORO                      | JAPAN               | 02836 | C | SODANKYLA                    | FINLAND             |

# STATION LIST RECENT DATA

|       |    |                          |                    |       |   |                        |                    |
|-------|----|--------------------------|--------------------|-------|---|------------------------|--------------------|
| 15614 | C  | SOFIA (OBSERV.)          | BULGARIA           | 35406 | C | TAIPAK                 | KAZAKHSTAN         |
| 56106 | C  | SOG XIAN                 | CHINA              | 29594 | C | TAJSHET                | RUSSIAN FEDERATION |
| 41246 | C  | SOHAR MAJIS              | OMAN               | 47891 | C | TAKAMATSU              | JAPAN              |
| 65361 | C  | SOKODE                   | TOGO               | 38345 | C | TALAS                  | KYRGYZSTAN         |
| 76471 | C  | SOMBRETE, ZAC.           | MEXICO             | 38413 | C | TAMDY                  | UZBEKISTAN         |
| 48568 | C  | SONGKHLA                 | THAILAND           | 60101 | C | TANGER (AERODROME)     | MOROCCO            |
| 08148 | C  | SORIA                    | SPAIN              | 67197 | C | TAOLAGNARO             | MADAGASCAR         |
| 76499 | C  | SOTO LA MARINA,          | MEXICO             | 76903 | C | TAPACHULA, CHIS        | MEXICO             |
| 16746 | C  | SOUDA (AIRPORT)          | GREECE             | 28493 | C | TARA                   | RUSSIAN FEDERATION |
| 31770 | C  | SOVETSKAYA GAVAN'        | RUSSIAN FEDERATION | 04360 | C | TASIILAQ (AMMASSALIK)  | GREENLAND          |
| 14445 | C  | SPLIT/MARJAN             | CROATIA            | 71028 | C | TATLAYOKO LAKE RCS, BC | CANADA             |
| 72785 | C  | SPOKANE/INT., WA.        | USA                | 96481 | C | TAWAU                  | MALAYSIA           |
| 68512 | C  | SPRINGBOK                | SOUTH AFRICA       | 23256 | C | TAZOVSKOE              | RUSSIAN FEDERATION |
| 71207 | C  | SQUAMISH,                | CANADA             | 37545 | C | TBILISI                | GEORGIA            |
| 25206 | C  | SREDNE-KOLYMSK           | RUSSIAN FEDERATION | 60475 | C | TEBESSA                | ALGERIA            |
| 42027 | CT | SRINAGAR                 | INDIA              | 24967 | C | TEGYULTYA              | RUSSIAN FEDERATION |
| 10028 | C  | ST PETER-ORDING          | GERMANY            | 40754 | C | TEHRAN-MEHRABAD        | IRAN, ISLAMIC REP  |
| 26063 | C  | ST.PETERSBURG (VOEJKOVO) | RUSSIAN FEDERATION | 17056 | C | TEKIRDAG               | TURKEY             |
| 01415 | C  | STAVANGER/SOLA           | NORWAY             | 35426 | C | TEMIR                  | KAZAKHSTAN         |
| 71017 | C  | STEFANSSON ISLAND, NU    | CANADA             | 56739 | C | TENGCHONG              | CHINA              |
| 02485 | C  | STOCKHOLM                | SWEDEN             | 83492 | C | TEOFILO OTONI          | BRAZIL             |
| 07190 | C  | STRASBOURG-ENTZHEIM      | FRANCE             | 76556 | C | TEPIC, NAY.            | MEXICO             |
| 10738 | C  | STUTTGART-ECHTERDINGEN   | GERMANY            | 38927 | C | TERMEZ                 | UZBEKISTAN         |
| 04013 | C  | STYKKISHOLMUR            | ICELAND            | 67261 | C | TETE                   | MOZAMBIQUE         |
| 15023 | C  | SUCEAVA                  | ROMANIA            | 94570 | C | TEWANTIN RSL PARK      | AUSTRALIA          |
| 24136 | C  | SUHANA                   | RUSSIAN FEDERATION | 48946 | C | THAKHEK                | LAO PDR            |
| 15360 | C  | SULINA                   | ROMANIA            | 16622 | C | THESSALONIKI (AIRPORT) | GREECE             |
| 33275 | C  | SUMY                     | UKRAINE            | 43371 | C | THIRUVANANTHAPURAM     | INDIA              |
| 24738 | C  | SUNTAR                   | RUSSIAN FEDERATION | 71079 | C | THOMPSON               | CANADA             |
| 22676 | C  | SURA                     | RUSSIAN FEDERATION | 95908 | C | THREDBO VILLAGE        | AUSTRALIA          |
| 24790 | C  | SUSUMAN                  | RUSSIAN FEDERATION | 41314 | C | THUMRAIT               | OMAN               |
| 47421 | C  | SUTTSU                   | JAPAN              | 36982 | C | TIAN-SHAN'             | KYRGYZSTAN         |
| 01008 | C  | SVALBARD LUFTHAVN        | NORWAY             | 61036 | C | TILLABERY              | NIGER              |
| 71446 | C  | SWIFT CURRENT CDA, SASK  | CANADA             | 60607 | C | TIMIMOUN               | ALGERIA            |
| 94767 | C  | SYDNEY AIRPORT AMO       | AUSTRALIA          | 60656 | C | TINDOUF                | ALGERIA            |
| 41891 | C  | SYLHET                   | BANGLADESH         | 03100 | C | TIREE                  | U KINGDOM          |
| 89532 | C  | SYOWA                    | JAPAN              | 60395 | C | TIZI-OUZOU             | ALGERIA            |
| 72519 | C  | SYRACUSE/HANCOCK,        | USA                | 76683 | C | TLAXCALA, TLAX.        | MEXICO             |
| 12205 | C  | SZCZECIN                 | POLAND             | 60531 | C | TLEMCEN-ZENATA         | ALGERIA            |
| 12982 | C  | SZEGED                   | HUNGARY            | 67095 | C | TOAMASINA              | MADAGASCAR         |
| 63832 | C  | TABORA AIRPORT           | U REP TANZANIA     | 28275 | C | TOBOL'SK               | RUSSIAN FEDERATION |
| 98550 | C  | TACLOBAN                 | PHILIPPINES        | 17086 | C | TOKAT                  | TURKEY             |
| 34720 | C  | TAGANROG                 | RUSSIAN FEDERATION | 08272 | C | TOLEDO                 | SPAIN              |
| 61043 | C  | TAHOUA                   | NIGER              | 24671 | C | TOMPO                  | RUSSIAN FEDERATION |

# STATION LIST RECENT DATA

|       |   |                            |                     |       |   |                              |                     |
|-------|---|----------------------------|---------------------|-------|---|------------------------------|---------------------|
| 50963 | C | TONGHE                     | CHINA               | 01403 | C | UTSIRA FYR                   | NORWAY              |
| 71508 | C | TORONTO CITY, ONT          | CANADA              | 33631 | C | UZHGOROD                     | UKRAINE             |
| 44225 | C | TOSONTSENGEL               | MONGOLIA            | 61995 | C | VACOAS (MAURITIUS)           | MAURITIUS           |
| 27051 | C | TOT'MA                     | RUSSIAN FEDERATION  | 08284 | C | VALENCIA/AEROPUERTO          | SPAIN               |
| 07240 | C | TOURS                      | FRANCE              | 17170 | C | VAN                          | TURKEY              |
| 94294 | C | TOWNSVILLE AERO            | AUSTRALIA           | 01098 | C | VARDO                        | NORWAY              |
| 16429 | C | TRAPANI BIRGI              | ITALY               | 33038 | C | VASILEVICH                   | BELARUS             |
| 16098 | C | TREVISO/ISTRANA            | ITALY               | 26554 | C | VERHNEDVINSK                 | BELARUS             |
| 10609 | C | TRIER-PETRISBERG           | GERMANY             | 48112 | C | VICTORIA POINT               | MYANMAR             |
| 23711 | C | TROICKO-PECHERSKOE         | RUSSIAN FEDERATION  | 15502 | C | VIDIN                        | BULGARIA            |
| 26997 | C | TRUBCHEVSK                 | RUSSIAN FEDERATION  | 48940 | C | VIENTIANE                    | LAO PDR             |
| 44282 | C | TSETSERLEG                 | MONGOLIA            | 08045 | C | VIGO/PEINADOR                | SPAIN               |
| 44347 | C | TSOGT-OVOO                 | MONGOLIA            | 67315 | C | VILANCULOS                   | MOZAMBIQUE          |
| 47651 | C | TSU                        | JAPAN               | 33562 | C | VINNYTSIA                    | UKRAINE             |
| 91954 | C | TUBUAI                     | FRENCH POLY.        | 85244 | C | VIRU-VIRU                    | BOLIVIA             |
| 72274 | C | TUCSON/INT., AZ.           | USA                 | 02590 | C | VISBY                        | SWEDEN              |
| 98233 | C | TUGUEGARAO                 | PHILIPPINES         | 08080 | C | VITORIA                      | SPAIN               |
| 76634 | C | TULANCINGO, HGO.           | MEXICO              | 31960 | C | VLADIVOSTOK                  | RUSSIAN FEDERATION  |
| 60715 | C | TUNIS-CARTHAGE             | TUNISIA             | 06310 | C | VLISSINGEN                   | NETHERLANDS         |
| 56004 | C | TUOTUOHE                   | CHINA               | 27037 | C | VOLOGDA                      | RUSSIAN FEDERATION  |
| 24507 | C | TURA                       | RUSSIAN FEDERATION  | 34123 | C | VORONEZ                      | RUSSIAN FEDERATION  |
| 76640 | C | TUXPAN.VER.                | MEXICO              | 89606 | C | VOSTOK                       | RUSSIAN FEDER. ANTA |
| 14557 | C | TUZLA                      | BOSNIA AND HERZEGOV | 83623 | C | VOTUPORANGA                  | BRAZIL              |
| 06447 | C | UCCLE                      | BELGIUM             | 33777 | C | VOZNESENS'K                  | UKRAINE             |
| 48354 | C | UDON THANI                 | THAILAND            | 22837 | C | VYTEGRA                      | RUSSIAN FEDERATION  |
| 91652 | C | UDU POINT AWS              | FIJI                | 72256 | C | WACO, MADISON-COOPER,        | USA                 |
| 10193 | C | UECKERMUENDE               | GERMANY             | 03377 | C | WADDINGTON                   | U KINGDOM           |
| 28722 | C | UFA-DIOMA                  | RUSSIAN FEDERATION  | 71049 | C | WAGER BAY (AUT), MAN         | CANADA              |
| 35416 | C | UIL                        | KAZAKHSTAN          | 97340 | C | WAINGAPU/MAU HAU             | INDONESIA           |
| 97180 | C | UJUNG PANDANG/HASANUDDIN   | INDONESIA           | 47600 | C | WAJIMA                       | JAPAN               |
| 44212 | C | ULAANGOM                   | MONGOLIA            | 47401 | C | WAKKANAI                     | JAPAN               |
| 44214 | C | ULGI                       | MONGOLIA            | 97686 | C | WAMENA                       | INDONESIA           |
| 44272 | C | ULIASTAI                   | MONGOLIA            | 95640 | C | WANDERING                    | AUSTRALIA           |
| 47115 | C | ULLEUNGDO                  | REP KOREA           | 12375 | C | WARSZAWA-OKECIE              | POLAND              |
| 33587 | C | UMAN'                      | UKRAINE             | 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      |
| 87938 | C | USHUAIA AERO               | ARGENTINA           | 71964 | C | WHITEHORSE A, YT             | CANADA              |
| 23405 | C | UST'-CIL'MA                | RUSSIAN FEDERATION  | 72351 | C | WICHITA FALLS/SHEPS AFB/WICH | USA                 |

# STATION LIST RECENT DATA

|       |    |                              |                    |       |   |                      |                     |
|-------|----|------------------------------|--------------------|-------|---|----------------------|---------------------|
| 61902 | C  | WIDE AWAKE FIELD (ASCENSION  | OCEAN ISLANDS      | 81225 | C | ZANDERIJ             | SURINAME            |
| 11035 | C  | WIEN/HOHE WARTE              | AUSTRIA            | 08160 | C | ZARAGOZA/AEROPUERTO  | SPAIN               |
| 72513 | C  | WILKES-BARRE-SCRANTON, PA.   | USA                | 34398 | C | ZHALPAKTAL           | KAZAKHSTAN          |
| 72583 | C  | WINNEMUCCA/MUN., NV.         | USA                | 57083 | C | ZHENGZHOU            | CHINA               |
| 10474 | C  | WITTENBERG                   | GERMANY            | 24343 | C | ZHIGANSK             | RUSSIAN FEDERATION  |
| 12497 | C  | WLODAWA                      | POLAND             | 41620 | C | ZHOB                 | PAKISTAN            |
| 47055 | C  | WONSAN                       | DPR KOREA          | 61695 | C | ZIGUINCHOR           | SENEGAL             |
| 94659 | C  | WOOMERA AERODROME            | AUSTRALIA          | 61090 | C | ZINDER               | NIGER               |
| 72510 | C  | WORCESTER, MA WORCESTER RGNL | USA                | 36038 | C | ZMEINOGORSK          | RUSSIAN FEDERATION  |
| 12424 | C  | WROCLAW II                   | POLAND             | 17022 | C | ZONGULDAK            | TURKEY              |
| 51463 | CT | WU LU MU QI                  | CHINA              | 62007 | C | ZUARA                | LIBYA               |
| 10655 | C  | WUERZBURG                    | GERMANY            | 06660 | C | ZUERICH-METEOSCHWEIZ | SWITZERLAND & LIECH |
| 57494 | C  | WUHAN                        | CHINA              | 10961 | C | ZUGSPITZE            | GERMANY             |
| 10686 | C  | WUNSIEDEL-SCHOENBRUNN        | GERMANY            | 25400 | C | ZYRYANKA             | RUSSIAN FEDERATION  |
| 67335 | C  | XAI XAI                      | MOZAMBIQUE         |       |   |                      |                     |
| 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          |       |   |                      |                     |
| 48097 | C  | YANGON                       | MYANMAR            |       |   |                      |                     |
| 91413 | C  | YAP, CAROLINE IS.            | USA                |       |   |                      |                     |
| 34866 | C  | YASHKUL'                     | RUSSIAN FEDERATION |       |   |                      |                     |
| 62008 | C  | YEFREN                       | LIBYA              |       |   |                      |                     |
| 40439 | C  | YENBO                        | SAUDI ARABIA       |       |   |                      |                     |
| 47168 | C  | YEOSU                        | REP KOREA          |       |   |                      |                     |
| 37789 | C  | YEREVAN/YEREVAN-ARABKIR      | ARMENIA            |       |   |                      |                     |
| 57461 | C  | YICHANG                      | CHINA              |       |   |                      |                     |
| 53614 | C  | YINCHUAN                     | CHINA              |       |   |                      |                     |
| 65167 | C  | YOLA                         | NIGERIA            |       |   |                      |                     |
| 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             |       |   |                      |                     |
| 27857 | C  | ZAMETCHINO                   | RUSSIAN FEDERATION |       |   |                      |                     |

**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